

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040318.D
 Acq On : 19 Feb 2024 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 01:08:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	96265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71404	49.858	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.720%		
35) Dibromofluoromethane	5.379	113	55347	49.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	8.647	98	202109	48.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.520%		
62) 4-Bromofluorobenzene	11.079	95	82536	48.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55749	51.268	ug/l	99
3) Chloromethane	1.294	50	54063	48.213	ug/l	97
4) Vinyl Chloride	1.374	62	56449	47.637	ug/l	98
5) Bromomethane	1.599	94	38190	57.111	ug/l	99
6) Chloroethane	1.684	64	34544	46.223	ug/l	98
7) Trichlorofluoromethane	1.886	101	88472	46.491	ug/l	97
8) Diethyl Ether	2.130	74	32994	46.155	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	52802	51.727	ug/l	98
10) Methyl Iodide	2.453	142	59038	52.095	ug/l	94
11) Tert butyl alcohol	2.953	59	55071	197.416	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	48496	49.343	ug/l	91
13) Acrolein	2.233	56	69565	270.175	ug/l	99
14) Allyl chloride	2.660	41	91560	53.682	ug/l	98
15) Acrylonitrile	3.056	53	160176	256.625	ug/l	100
16) Acetone	2.373	43	166312	282.752	ug/l	97
17) Carbon Disulfide	2.508	76	120414	46.407	ug/l	98
18) Methyl Acetate	2.696	43	71651	45.441	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	177375	51.227	ug/l	97
20) Methylene Chloride	2.788	84	57747	52.448	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52674	47.058	ug/l	99
22) Diisopropyl ether	3.757	45	190548	55.087	ug/l	90
23) Vinyl Acetate	3.715	43	852176	276.357	ug/l	99
24) 1,1-Dichloroethane	3.605	63	106218	52.716	ug/l	98
25) 2-Butanone	4.544	43	238374	259.265	ug/l	98
26) 2,2-Dichloropropane	4.471	77	81780	52.725	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	64015	50.132	ug/l	97
28) Bromochloromethane	4.891	49	48688	56.914	ug/l	98
29) Tetrahydrofuran	4.989	42	149261	249.184	ug/l	99
30) Chloroform	5.086	83	111082	50.990	ug/l	96
31) Cyclohexane	5.464	56	85146	49.845	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	91972	50.184	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79441	50.652	ug/l	99
37) Ethyl Acetate	4.702	43	86616	49.633	ug/l	99
38) Carbon Tetrachloride	5.672	117	73134	49.043	ug/l	98
39) Methylcyclohexane	7.379	83	88517	48.565	ug/l	98
40) Benzene	6.031	78	222256	50.675	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	48829	52.781	ug/l	93
42) 1,2-Dichloroethane	6.080	62	89105	51.977	ug/l	100
43) Isopropyl Acetate	6.330	43	141235	51.844	ug/l	100
44) Trichloroethene	7.123	130	58165	48.078	ug/l	93
45) 1,2-Dichloropropane	7.427	63	62089	54.389	ug/l	96
46) Dibromomethane	7.574	93	43353	51.565	ug/l	98
47) Bromodichloromethane	7.818	83	85660	52.877	ug/l	97
48) Methyl methacrylate	7.689	41	70472	50.556	ug/l	94
49) 1,4-Dioxane	7.653	88	25606	844.396	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	479947	258.044	ug/l	99
52) Toluene	8.714	92	142154	49.482	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	90218	46.881	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	96561	53.185	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	62549	51.048	ug/l	97
56) Ethyl methacrylate	9.116	69	93986	51.238	ug/l	97
57) 1,3-Dichloropropane	9.305	76	101318	50.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	218479	251.779	ug/l	95
59) 2-Hexanone	9.427	43	380047	257.719	ug/l	100
60) Dibromochloromethane	9.518	129	63688	51.018	ug/l	100
61) 1,2-Dibromoethane	9.604	107	61915	47.539	ug/l	98
64) Tetrachloroethene	9.268	164	51638	49.090	ug/l	96
65) Chlorobenzene	10.079	112	153361	48.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55134	50.814	ug/l	98
67) Ethyl Benzene	10.189	91	290100	51.994	ug/l	97
68) m/p-Xylenes	10.299	106	214632	101.854	ug/l	97
69) o-Xylene	10.640	106	103121	50.358	ug/l	94
70) Styrene	10.652	104	178766	52.508	ug/l	98
71) Bromoform	10.799	173	45138	44.495	ug/l #	98
73) Isopropylbenzene	10.957	105	285223	51.422	ug/l	99
74) N-amyl acetate	10.841	43	132388	55.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	101853	51.111	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84715m	53.121	ug/l	
77) Bromobenzene	11.195	156	66925	51.085	ug/l	97
78) n-propylbenzene	11.305	91	358343	53.362	ug/l	97
79) 2-Chlorotoluene	11.360	91	207750	51.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	246084	52.698	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26567	47.009	ug/l	99
82) 4-Chlorotoluene	11.451	91	243550	50.691	ug/l	99
83) tert-Butylbenzene	11.713	119	232031	50.682	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	246811	52.242	ug/l	99
85) sec-Butylbenzene	11.890	105	311775	52.990	ug/l	99
86) p-Isopropyltoluene	12.006	119	254055	52.676	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133061	51.261	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	133282	48.490	ug/l	100
89) n-Butylbenzene	12.329	91	248434	53.362	ug/l	97
90) Hexachloroethane	12.536	117	40949	53.827	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	126903	50.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22203	48.274	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	85989	49.984	ug/l	96
94) Hexachlorobutadiene	13.725	225	35387	51.539	ug/l	96
95) Naphthalene	13.774	128	273214	50.283	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82803	50.495	ug/l	98

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ClientSampleId :
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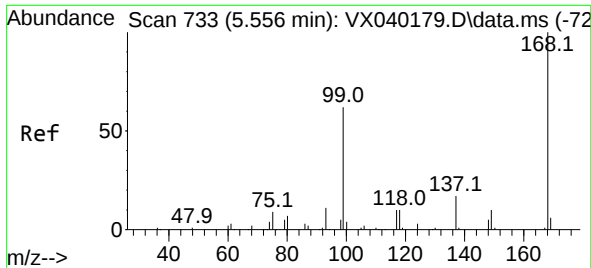
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

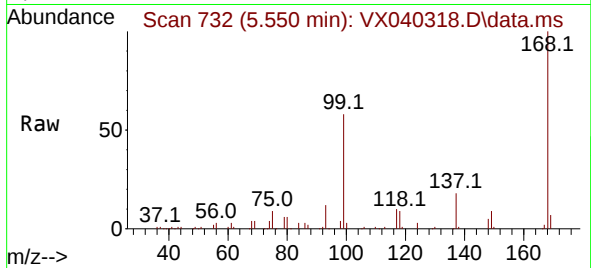
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040318.D
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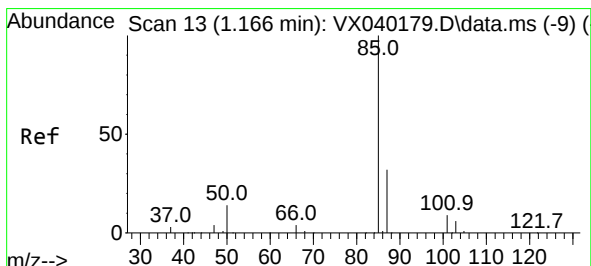
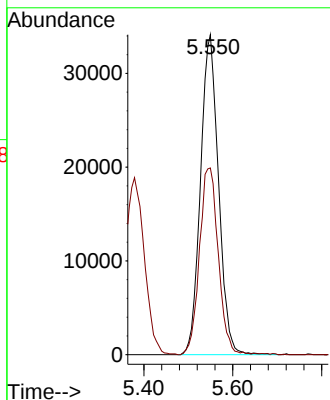
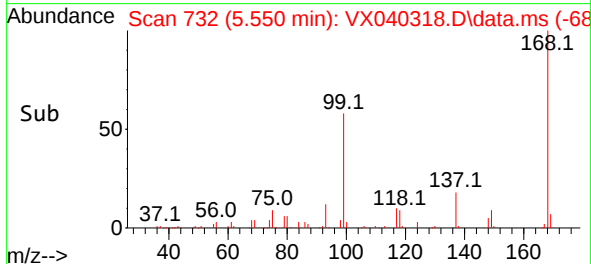
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 9626
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0

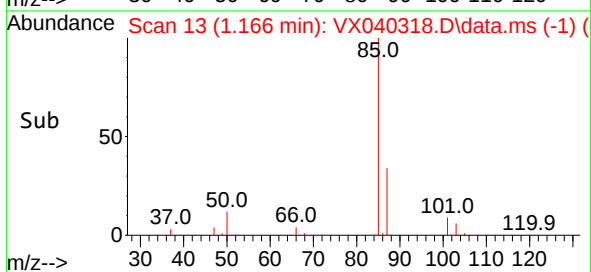
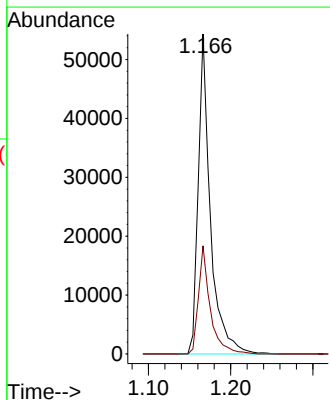
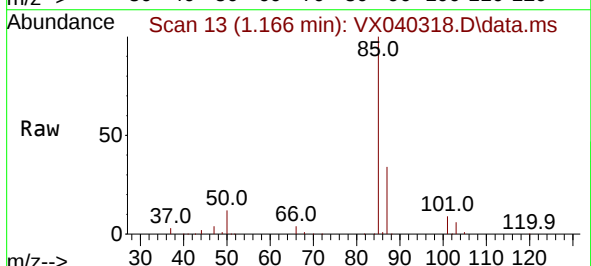
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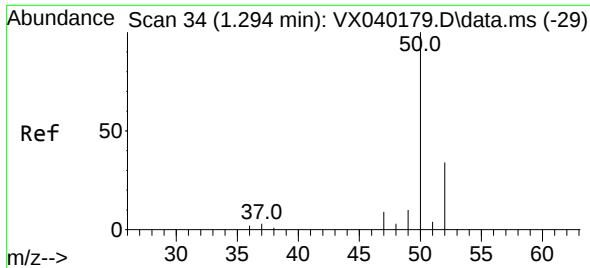
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 51.268 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 85 Resp: 55749
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1





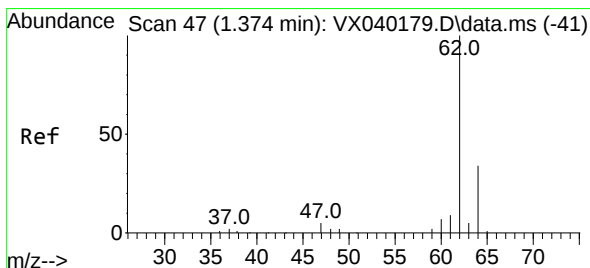
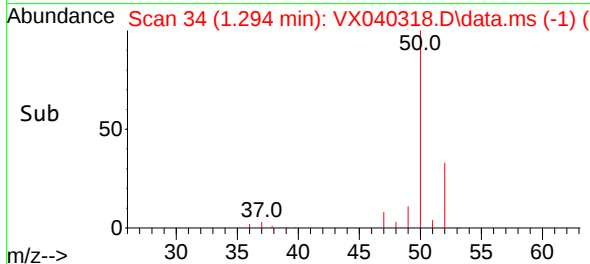
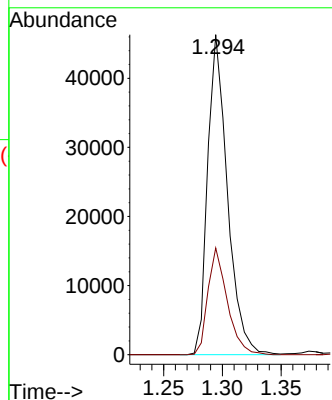
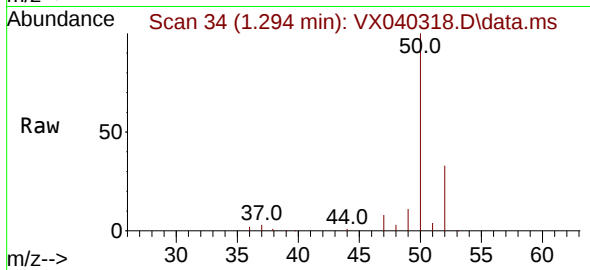
#3
Chloromethane
Concen: 48.213 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5406
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

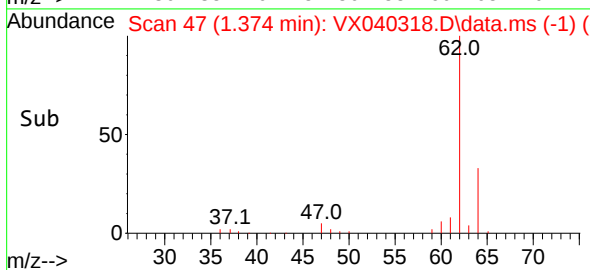
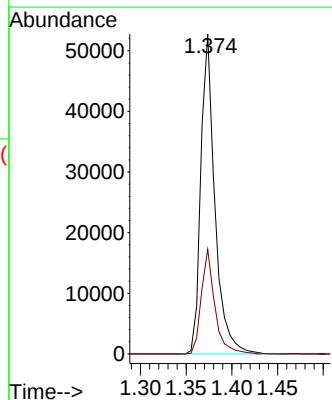
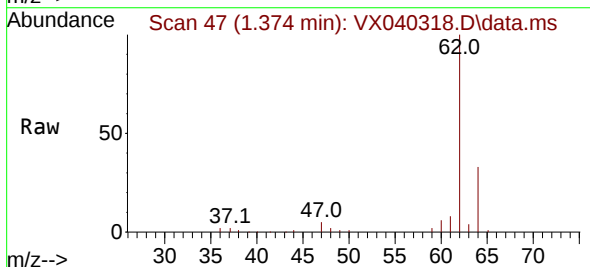
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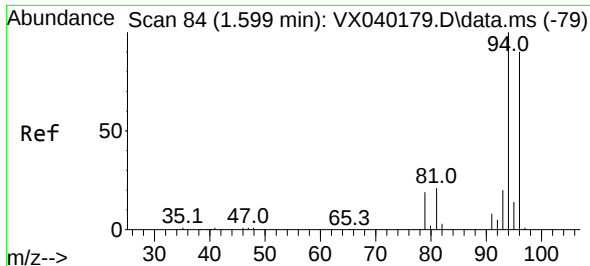
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 47.637 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

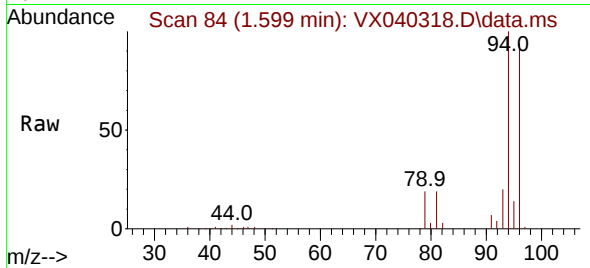
Tgt Ion: 62 Resp: 56449
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 57.111 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

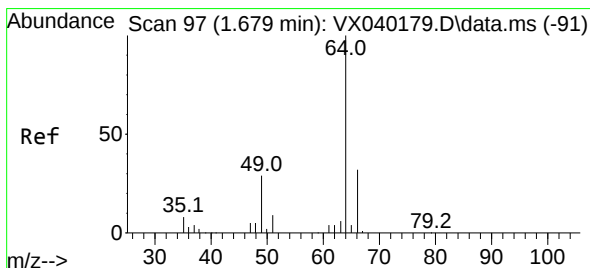
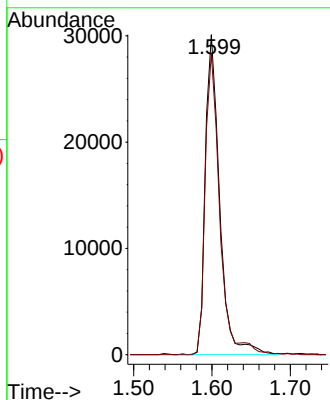
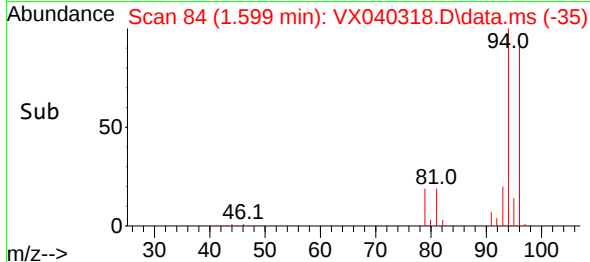
Instrument :
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Tgt Ion: 94 Resp: 38190
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8

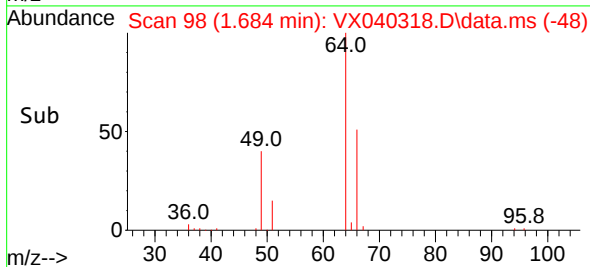
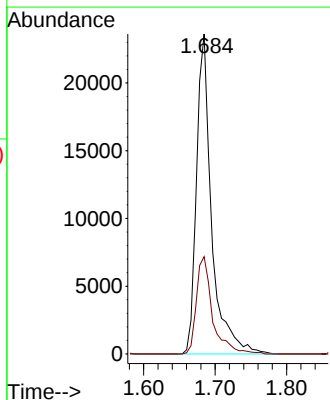
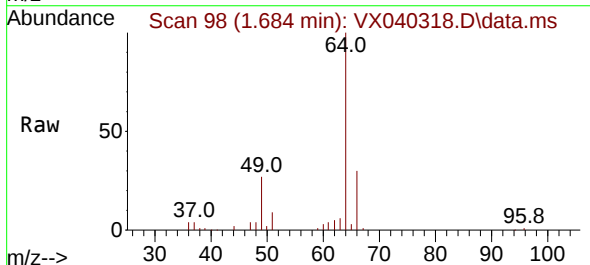
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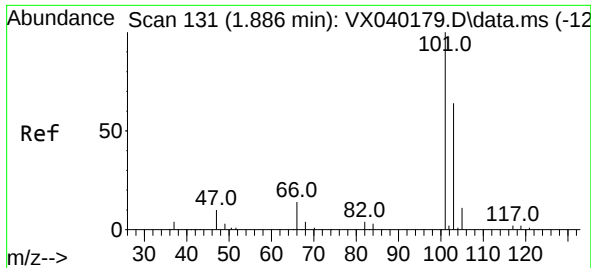
Reviewed By :John Carlone 02/20/2024
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#6
Chloroethane
Concen: 46.223 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 64 Resp: 34544
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7





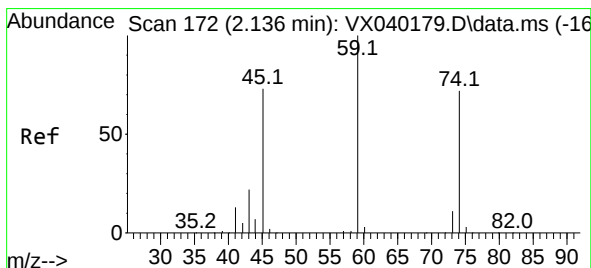
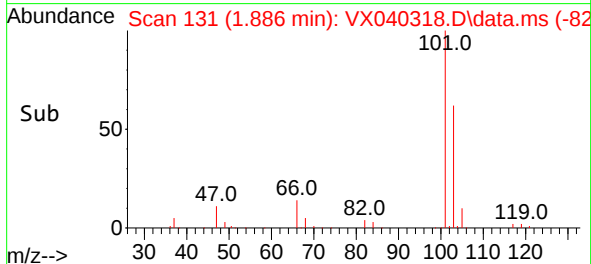
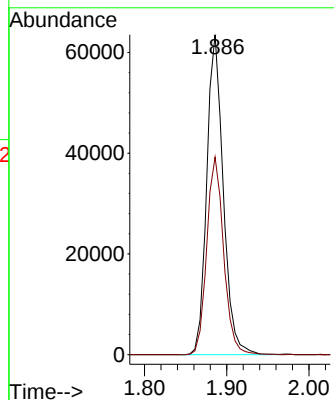
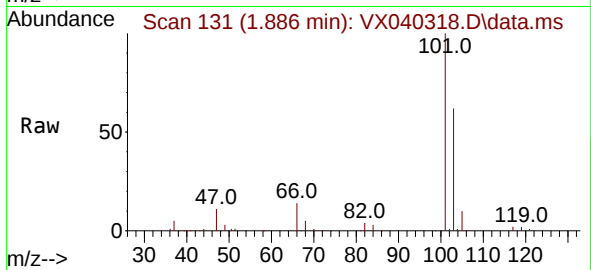
#7
Trichlorofluoromethane
Concen: 46.491 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 88472
Ion Ratio Lower Upper
101 100
103 61.8 51.4 77.2

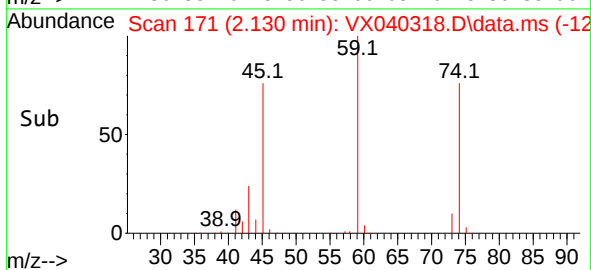
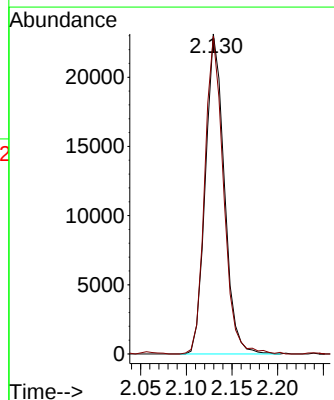
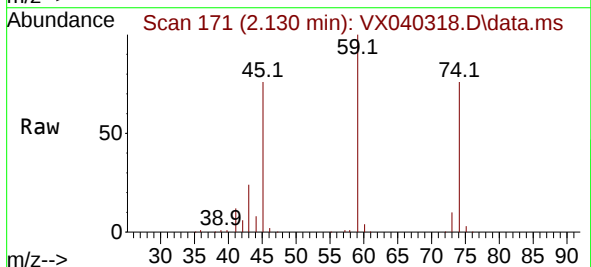
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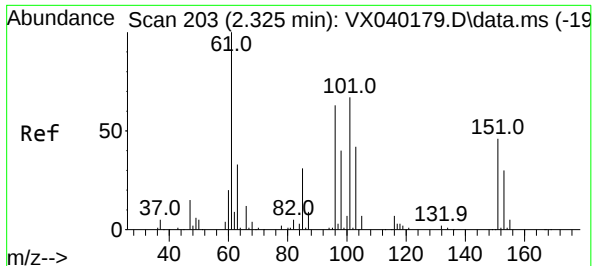
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#8
Diethyl Ether
Concen: 46.155 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 74 Resp: 32994
Ion Ratio Lower Upper
74 100
45 99.2 53.3 159.8





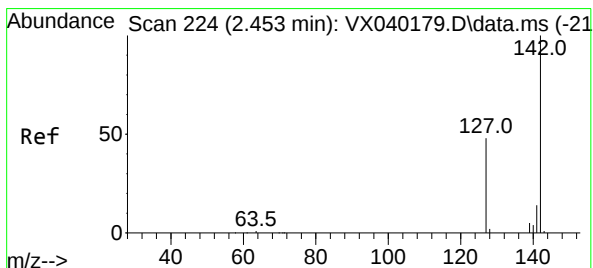
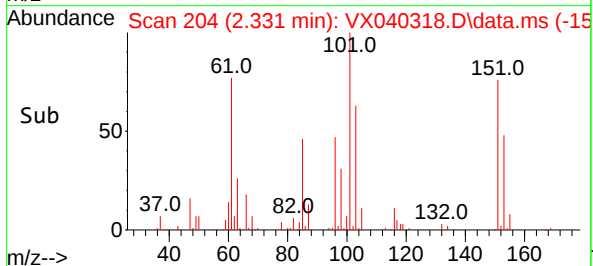
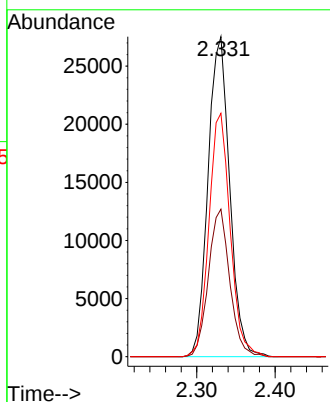
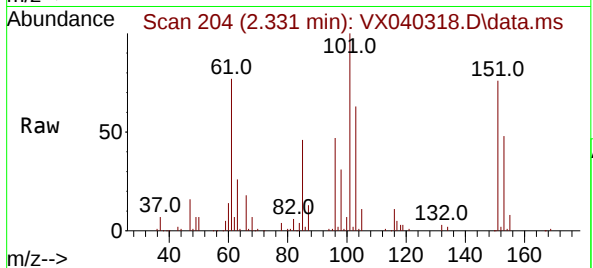
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.727 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5280
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 74.7 58.6 87.8

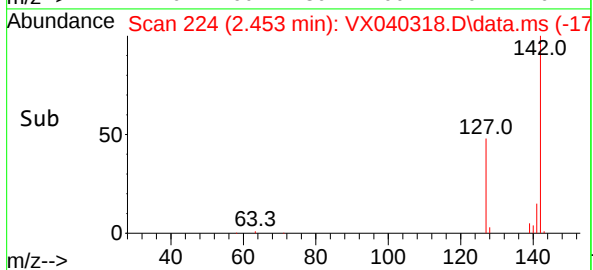
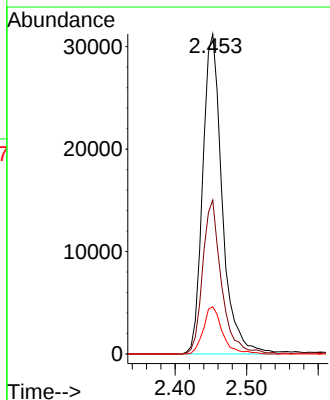
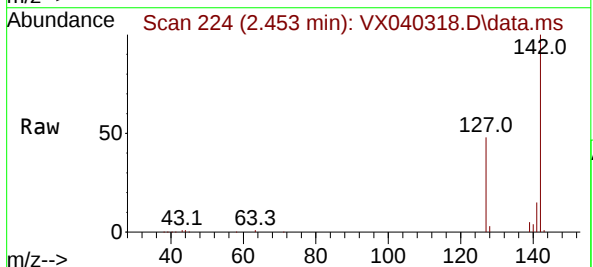
Manual Integrations
APPROVED

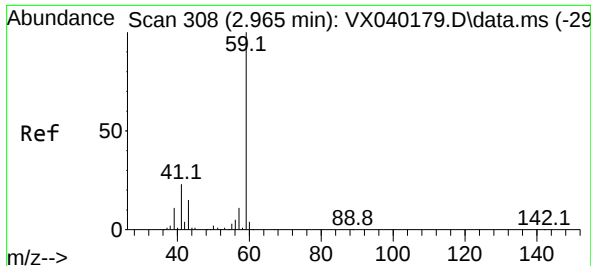
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 52.095 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:142 Resp: 59038
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.4 11.6 17.4





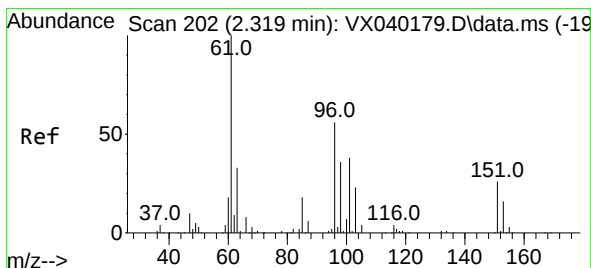
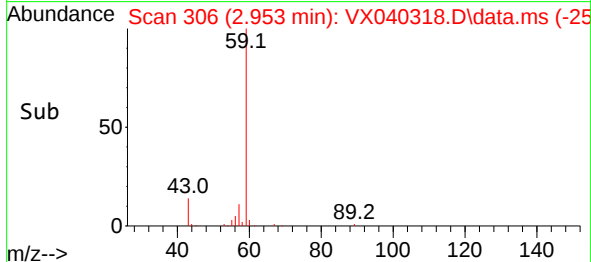
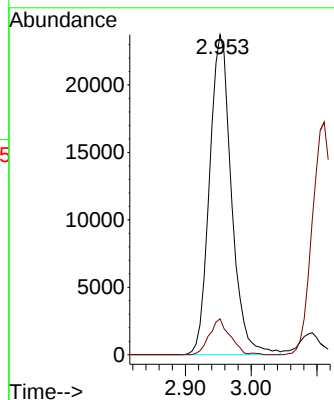
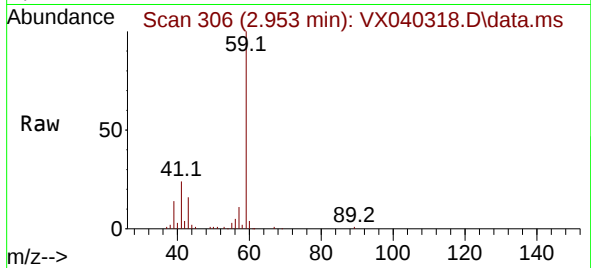
#11
Tert butyl alcohol
Concen: 197.416 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5507
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

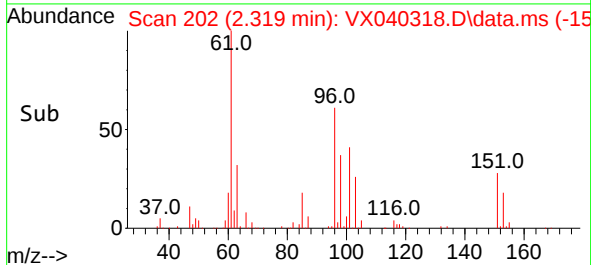
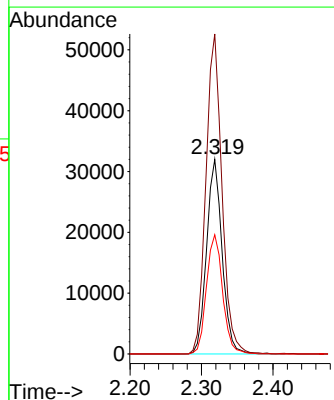
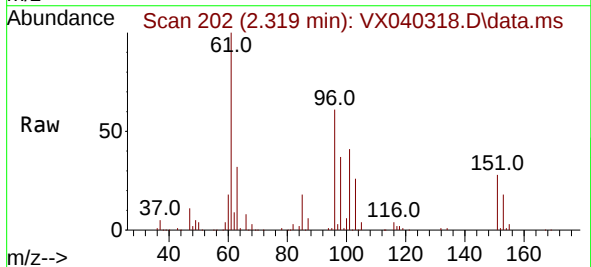
Manual Integrations
APPROVED

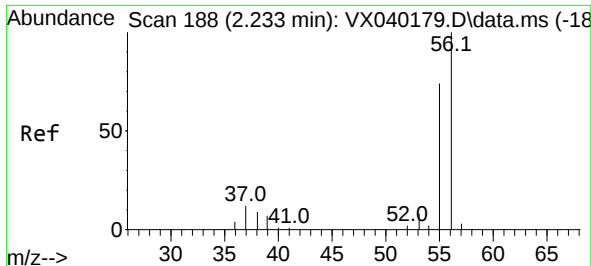
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#12
1,1-Dichloroethene
Concen: 49.343 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 96 Resp: 48496
Ion Ratio Lower Upper
96 100
61 164.5 144.6 216.8
98 61.2 50.4 75.6





#13

Acrolein

Concen: 270.175 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 6956

Ion Ratio Lower Upper

56 100

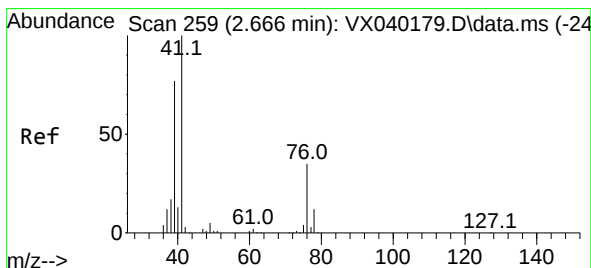
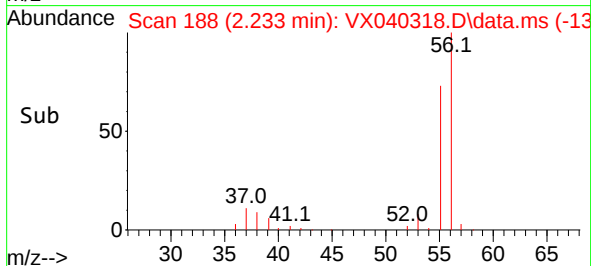
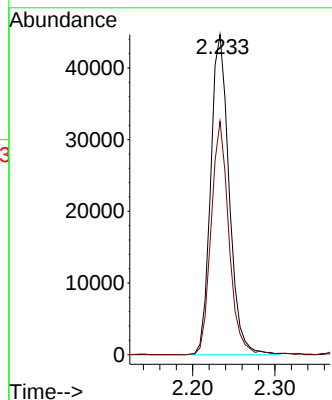
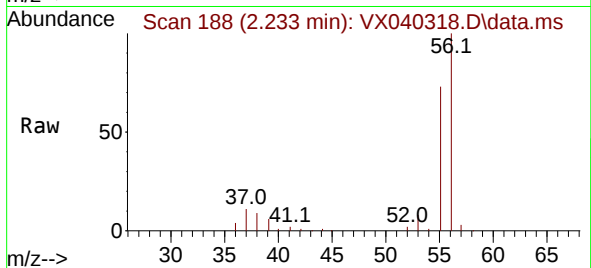
55 70.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#14

Allyl chloride

Concen: 53.682 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

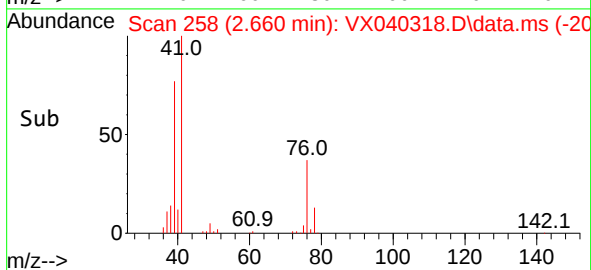
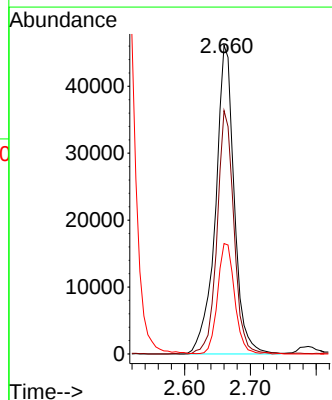
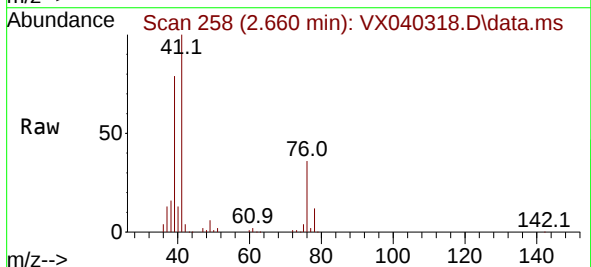
Tgt Ion: 41 Resp: 91560

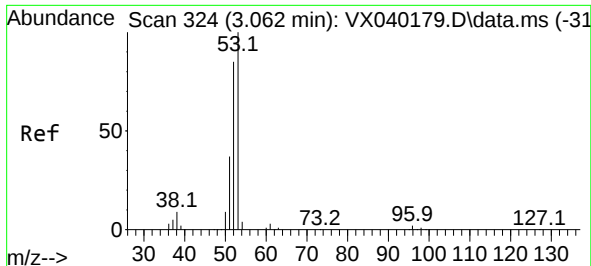
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

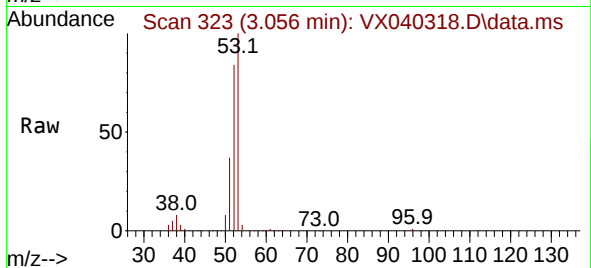
76 32.6 24.3 36.5





#15
Acrylonitrile
Concen: 256.625 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

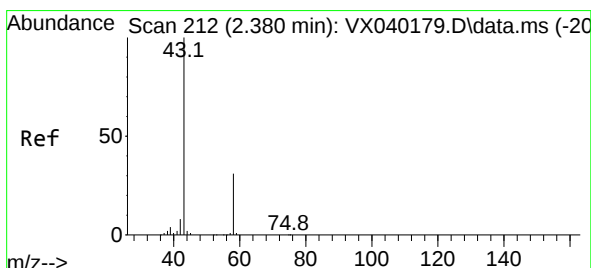
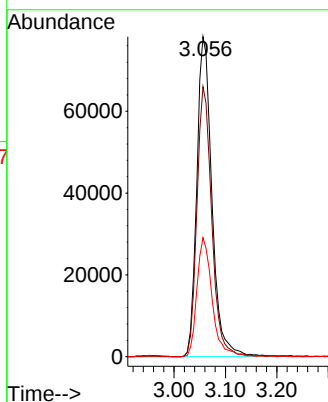
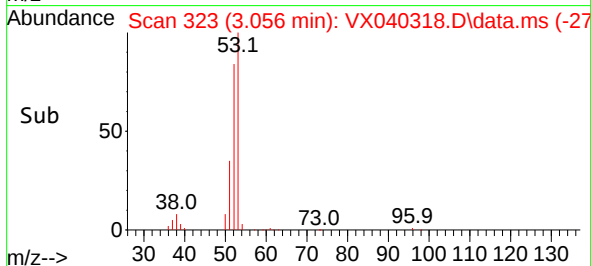
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 160170
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 37.5 29.8 44.6

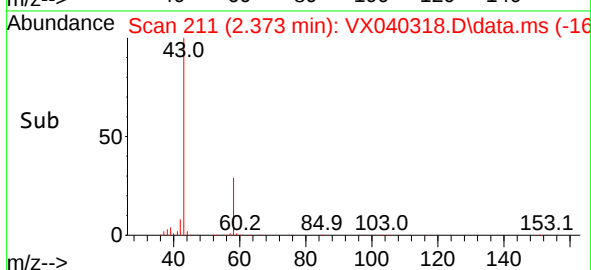
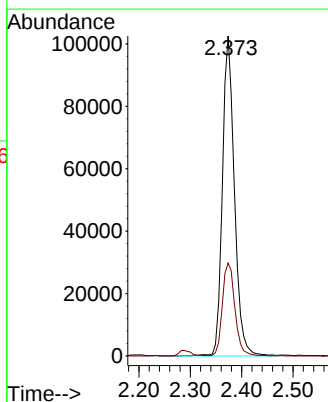
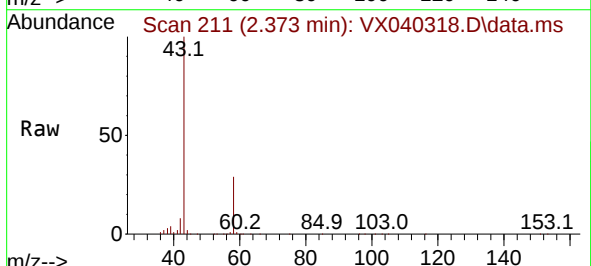
Manual Integrations
APPROVED

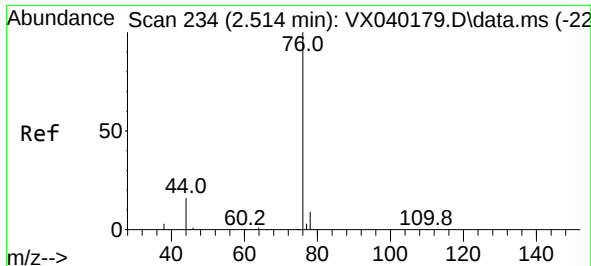
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 282.752 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 43 Resp: 166312
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





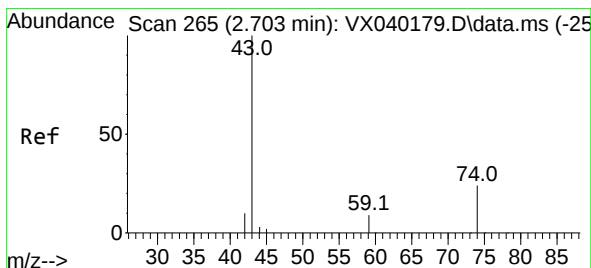
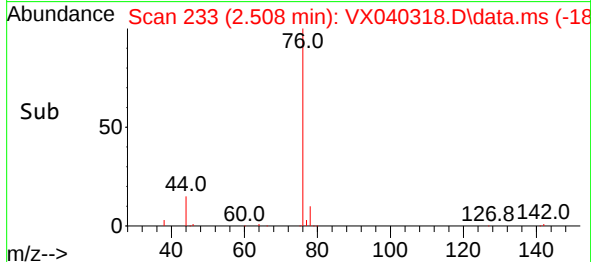
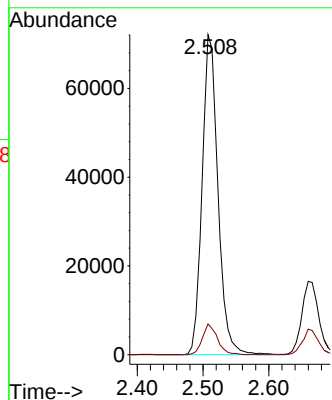
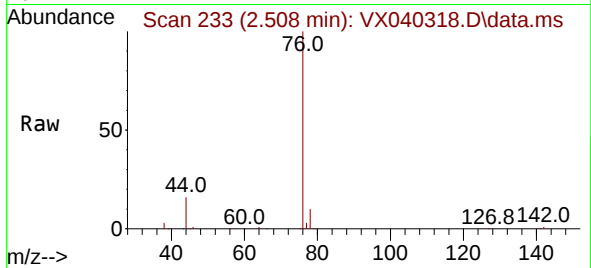
#17
Carbon Disulfide
Concen: 46.407 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 120414
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

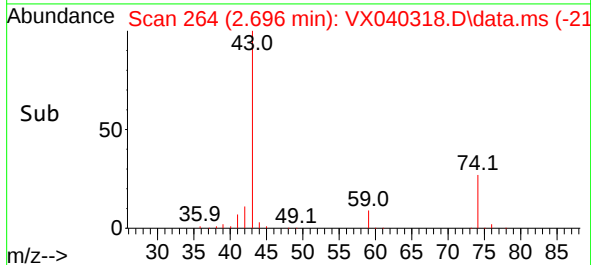
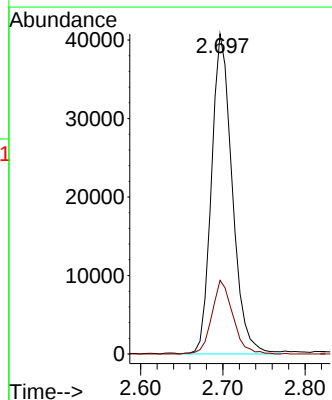
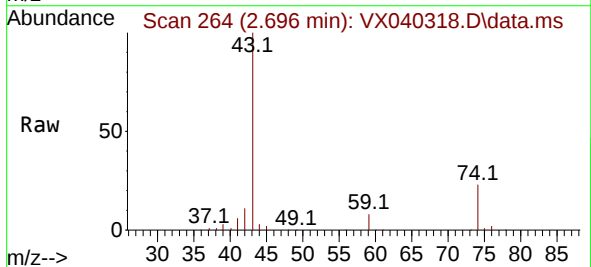
Manual Integrations
APPROVED

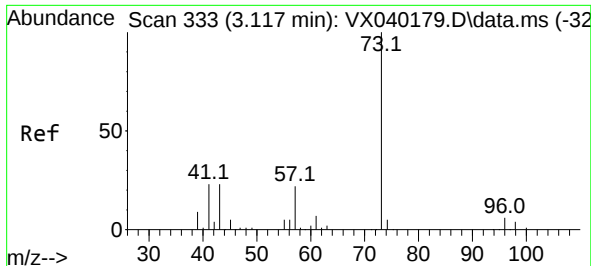
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 45.441 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 43 Resp: 71651
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





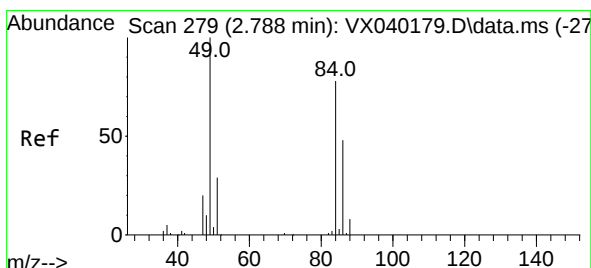
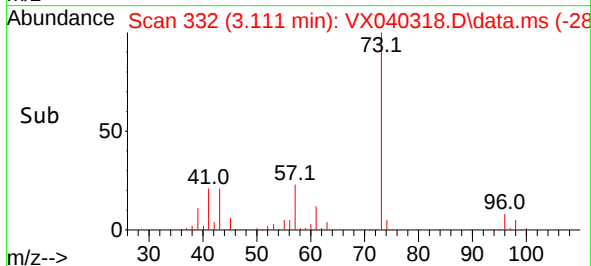
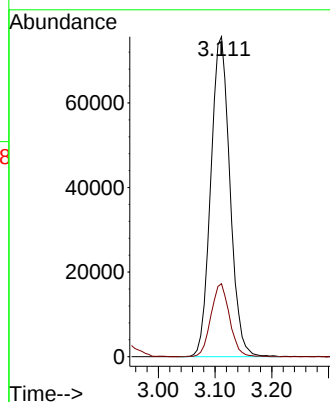
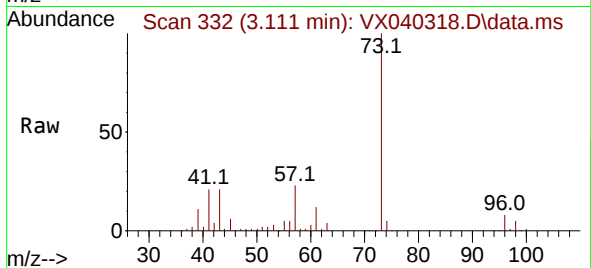
#19
Methyl tert-butyl Ether
Concen: 51.227 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 177375
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

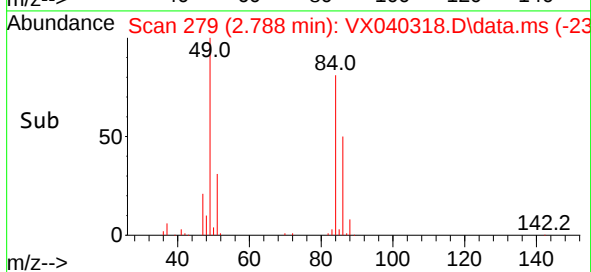
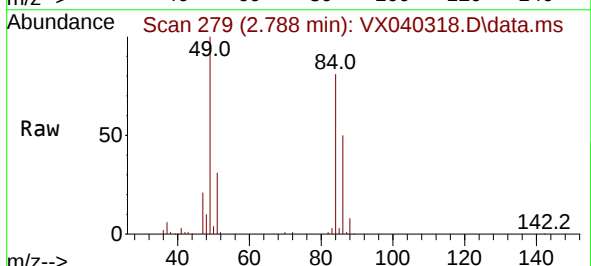
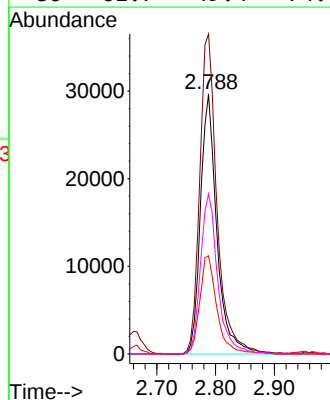
Manual Integrations
APPROVED

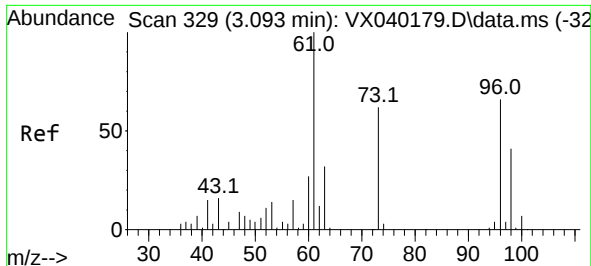
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 52.448 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

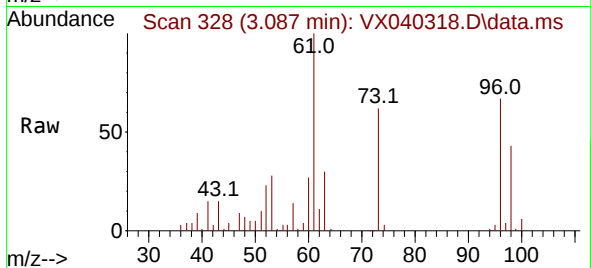
Tgt Ion: 84 Resp: 57747
Ion Ratio Lower Upper
84 100
49 123.3 103.6 155.4
51 37.8 33.8 50.6
86 61.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.058 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

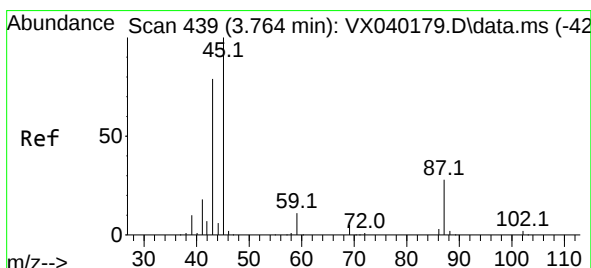
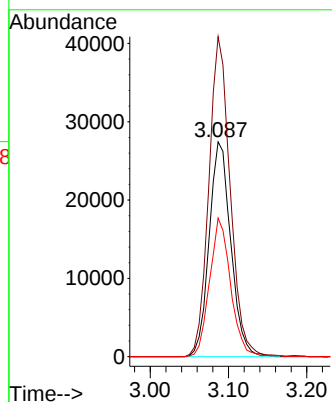
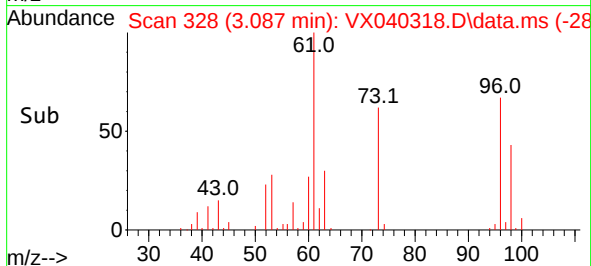
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 52674
Ion Ratio Lower Upper
96 100
61 148.9 119.2 178.8
98 64.5 48.7 73.1

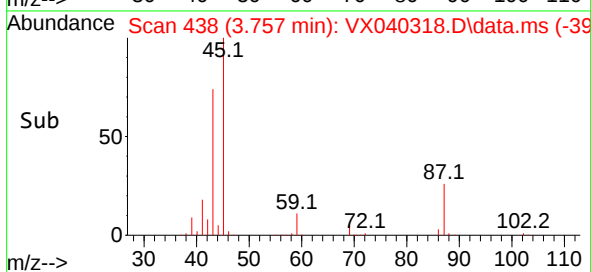
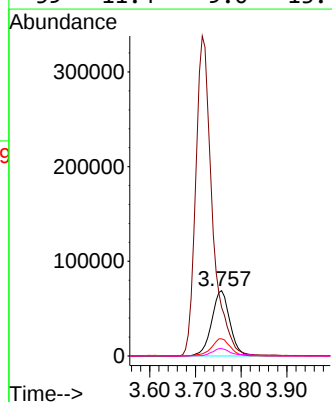
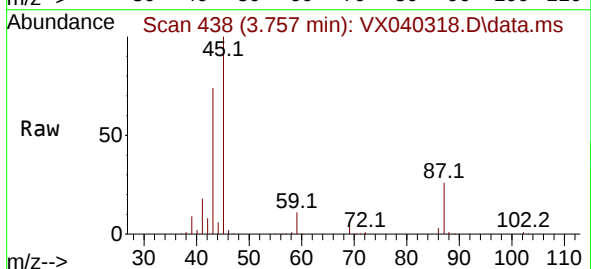
Manual Integrations
APPROVED

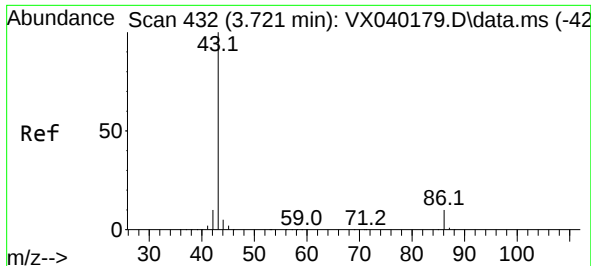
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#22
Diisopropyl ether
Concen: 55.087 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 45 Resp: 190548
Ion Ratio Lower Upper
45 100
43 73.8 69.7 104.5
87 26.4 20.8 31.2
59 11.4 9.0 13.4





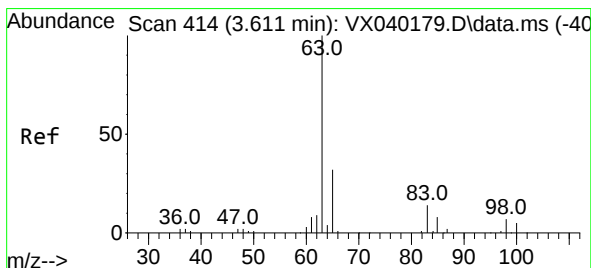
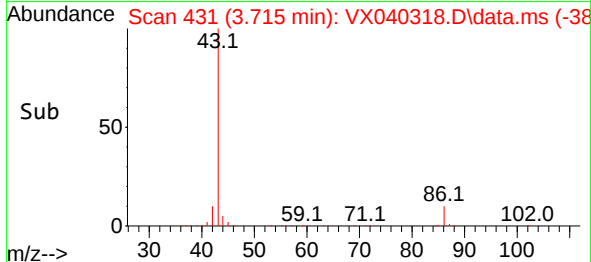
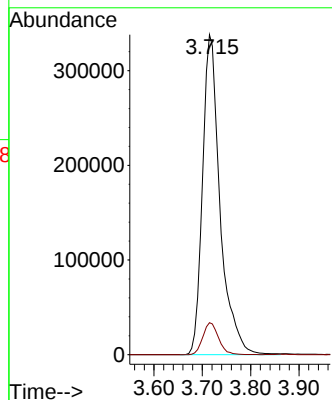
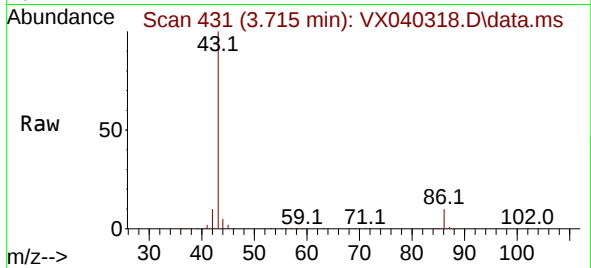
#23
 Vinyl Acetate
 Concen: 276.357 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 852170
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

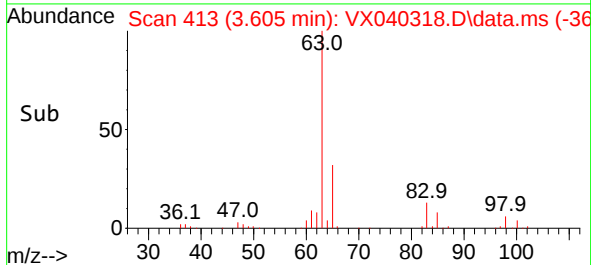
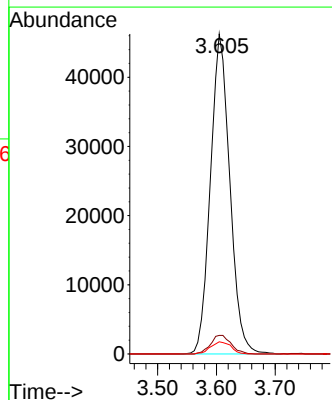
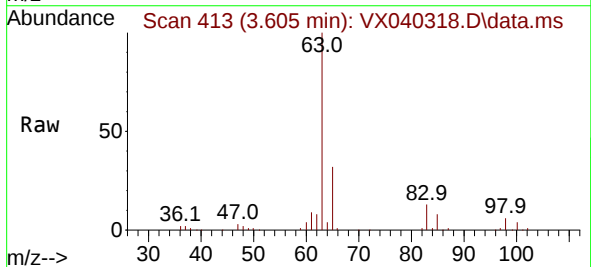
Manual Integrations
 APPROVED

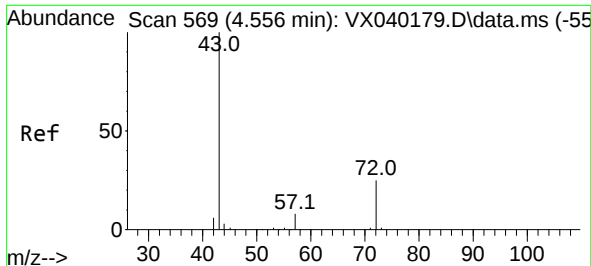
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 52.716 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

Tgt Ion: 63 Resp: 106218
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 259.265 ug/l

RT: 4.544 min Scan# 50

Delta R.T. -0.012 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 238374

Ion Ratio Lower Upper

43 100

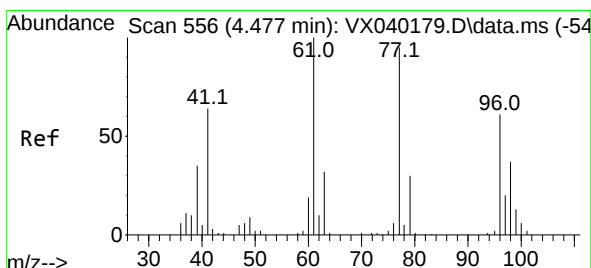
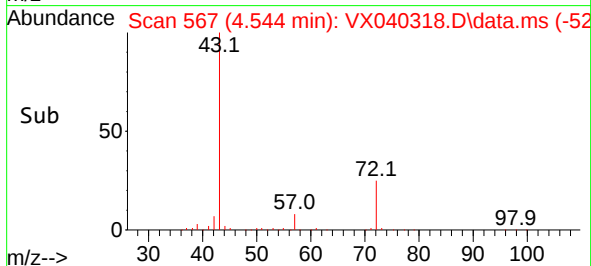
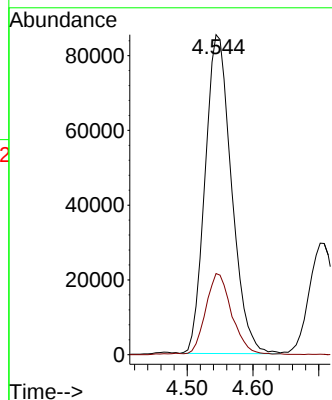
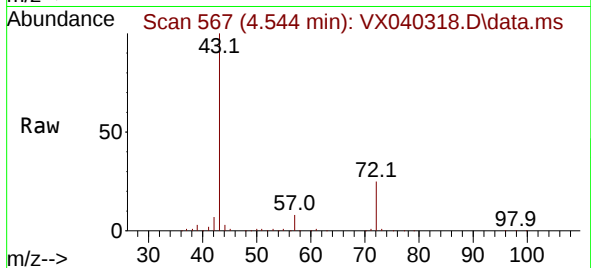
72 25.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#26

2,2-Dichloropropane

Concen: 52.725 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX040318.D

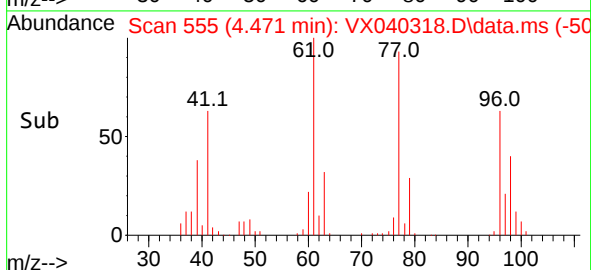
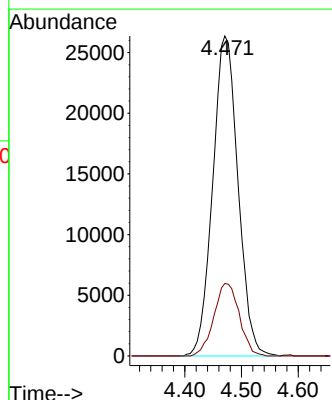
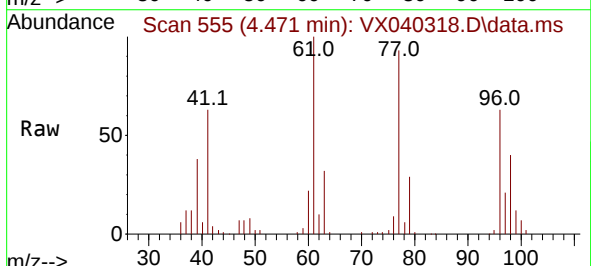
Acq: 19 Feb 2024 10:08

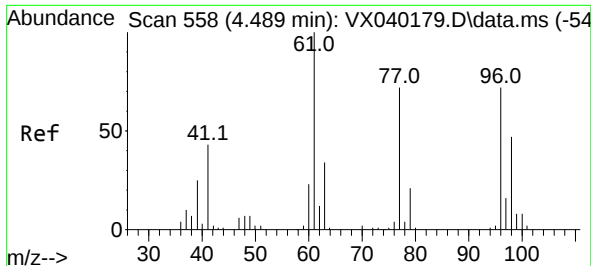
Tgt Ion: 77 Resp: 81780

Ion Ratio Lower Upper

77 100

97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.132 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6401

Ion Ratio Lower Upper

96 100

61 151.5 0.0 312.2

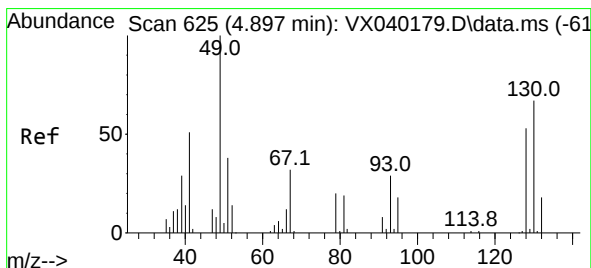
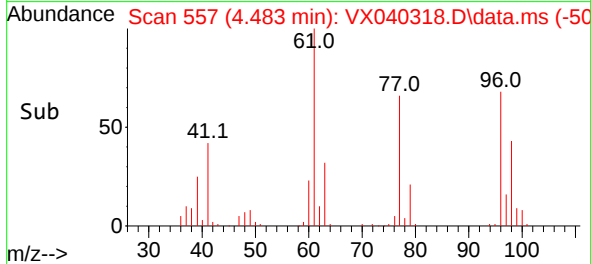
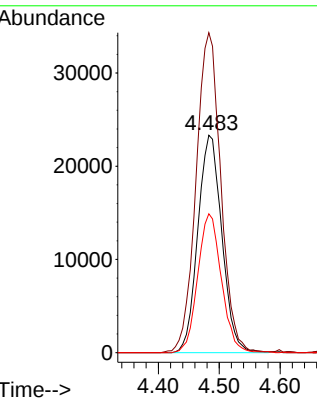
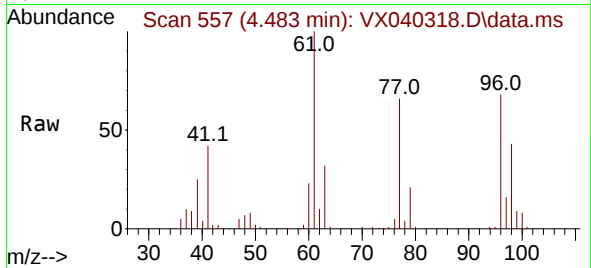
98 62.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#28

Bromochloromethane

Concen: 56.914 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

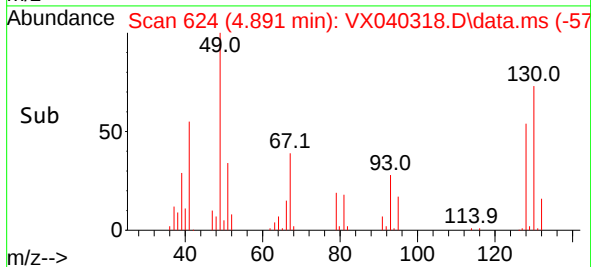
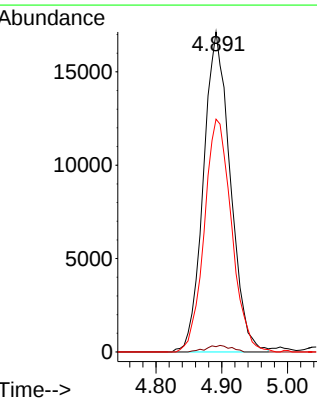
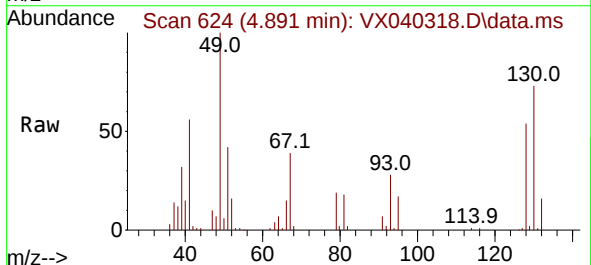
Tgt Ion: 49 Resp: 48688

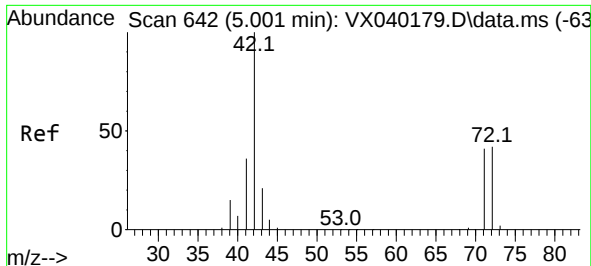
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 249.184 ug/l

RT: 4.989 min Scan# 642

Delta R.T. -0.018 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14926

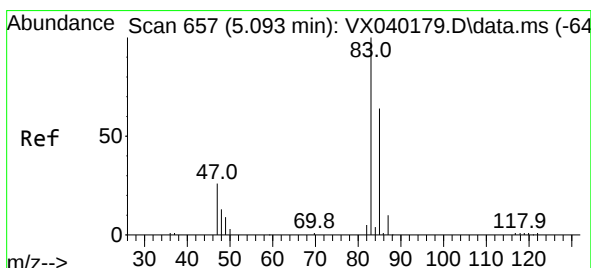
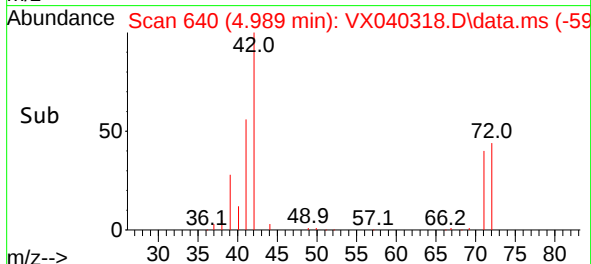
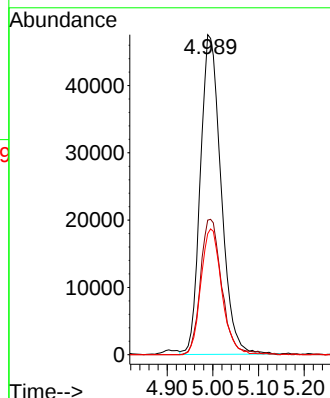
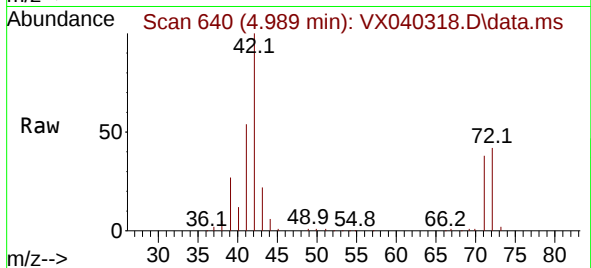
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.2	51.4
71	39.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 50.990 ug/l

RT: 5.086 min Scan# 656

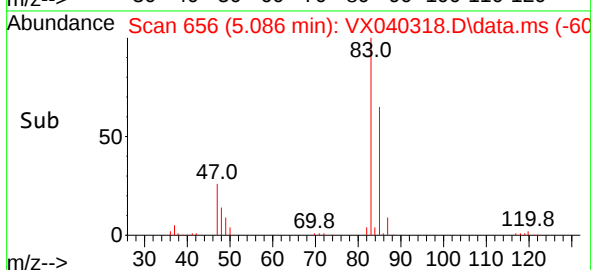
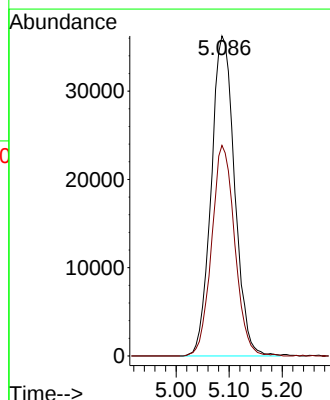
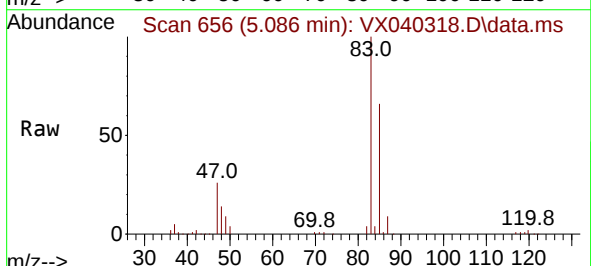
Delta R.T. -0.012 min

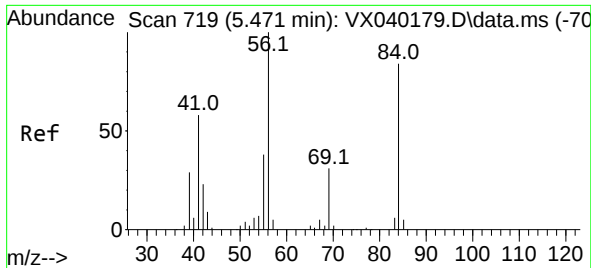
Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion: 83 Resp: 111082

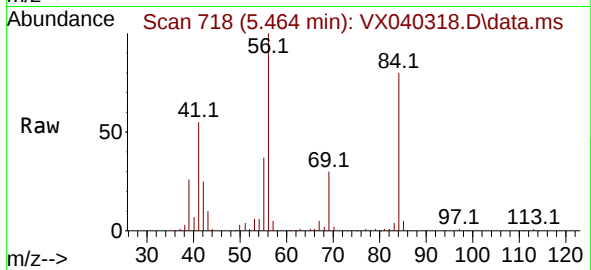
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.3	75.5





#31
Cyclohexane
Concen: 49.845 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

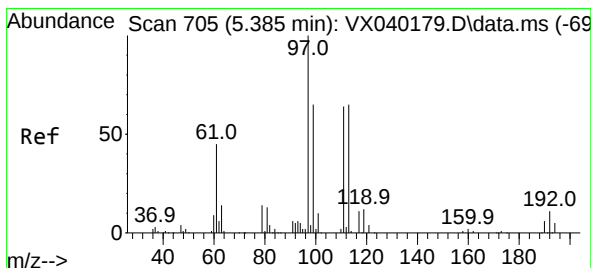
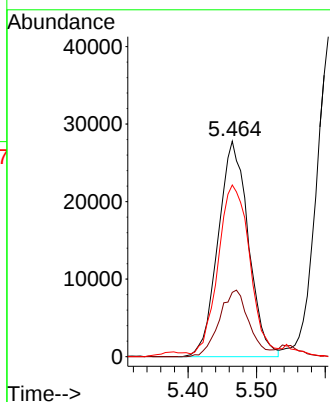
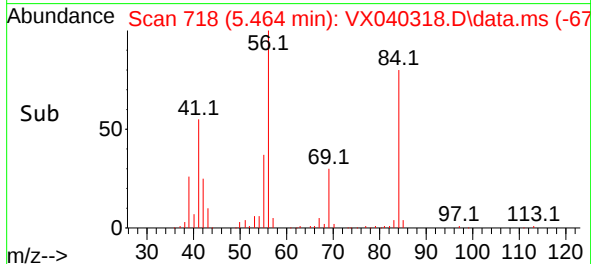
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 85140
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 77.9 65.9 98.9

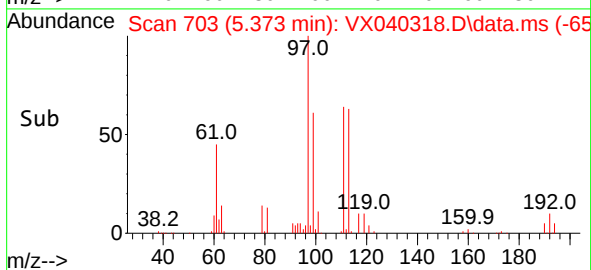
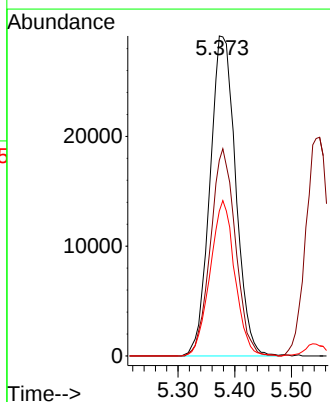
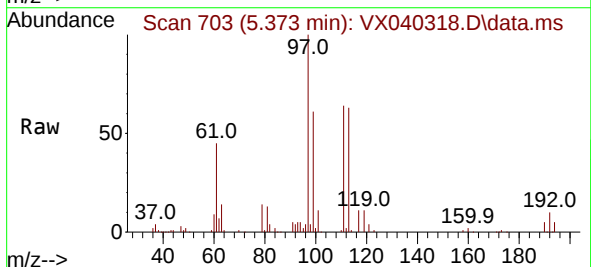
Manual Integrations
APPROVED

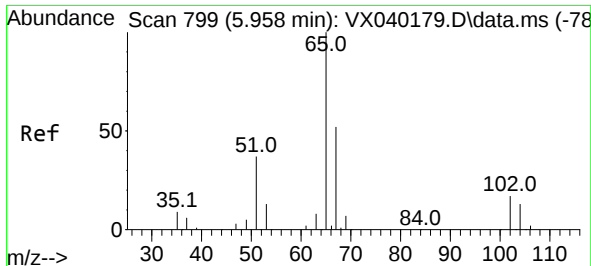
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 97 Resp: 91972
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 46.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.858 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 71404

Ion Ratio Lower Upper

65 100

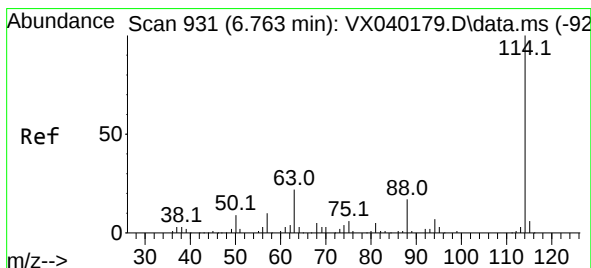
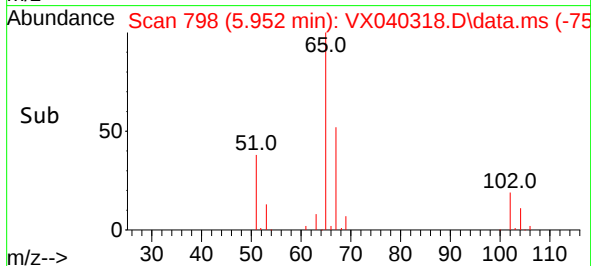
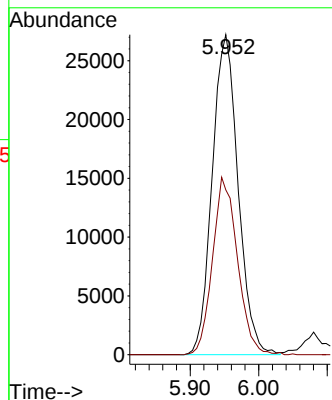
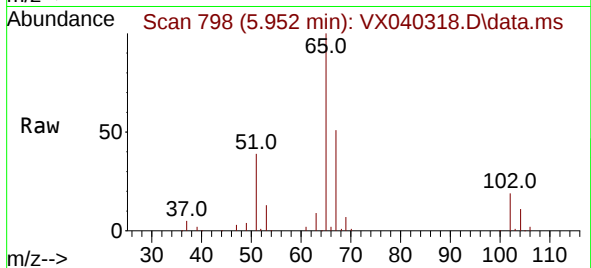
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

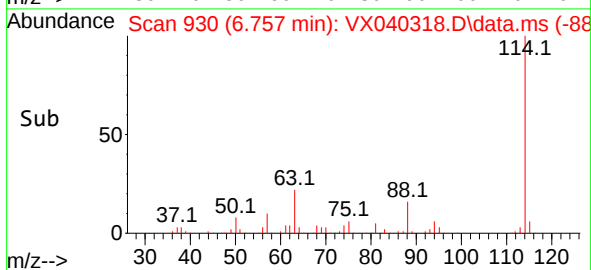
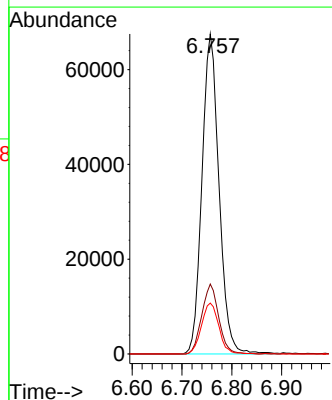
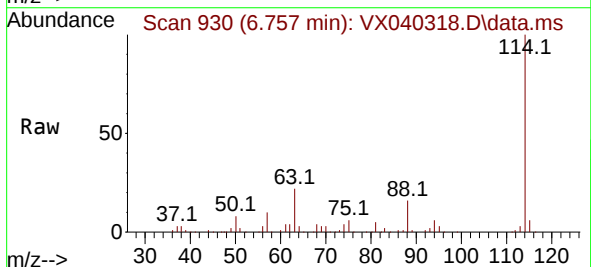
Tgt Ion:114 Resp: 160322

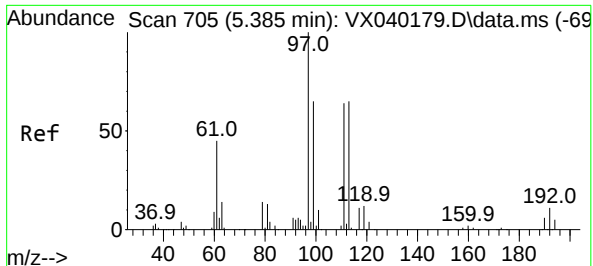
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.435 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 5534

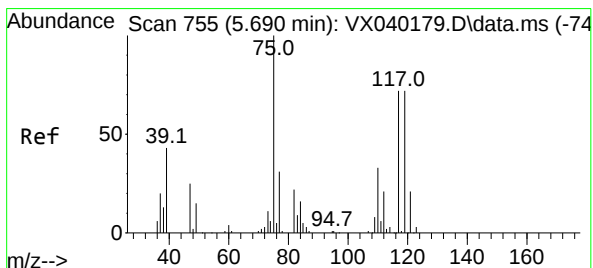
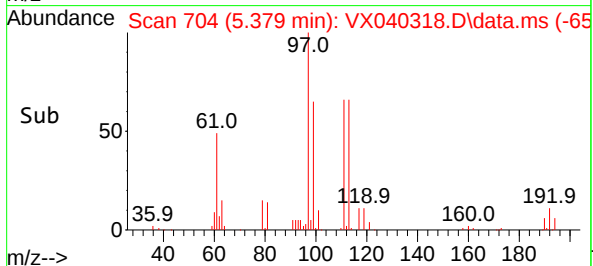
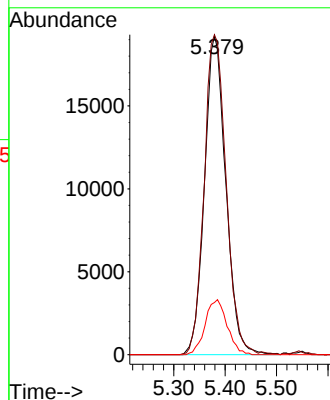
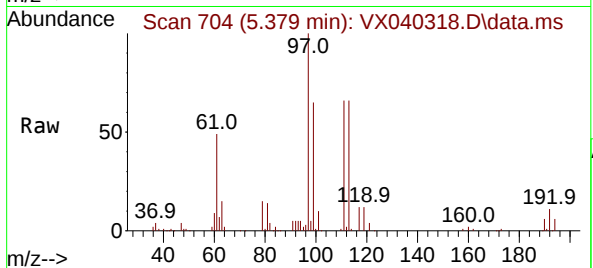
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	17.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#36

1,1-Dichloropropene

Concen: 50.652 ug/l

RT: 5.690 min Scan# 755

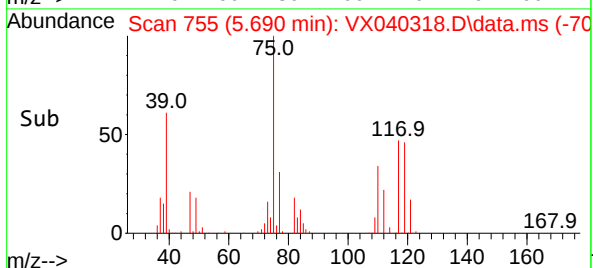
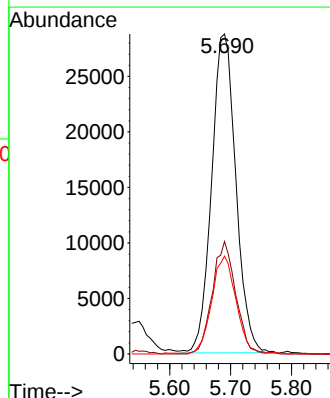
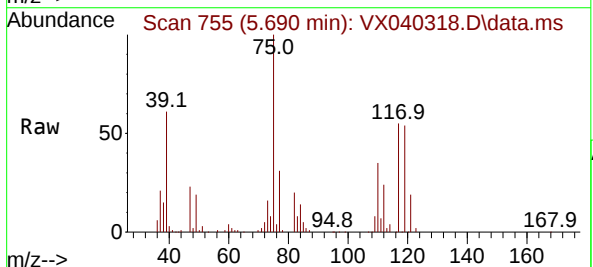
Delta R.T. -0.006 min

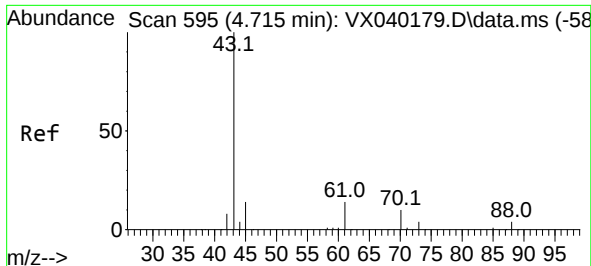
Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion: 75 Resp: 79441

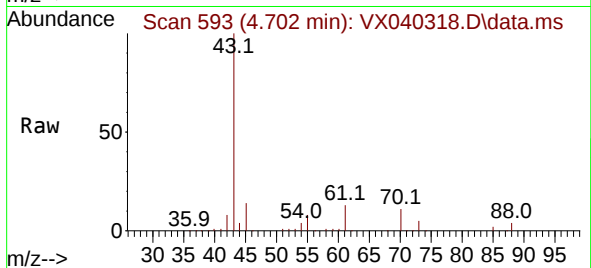
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.0	50.9
77	30.2	24.7	37.1





#37
Ethyl Acetate
Concen: 49.633 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

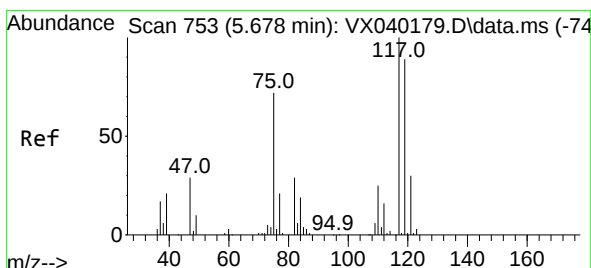
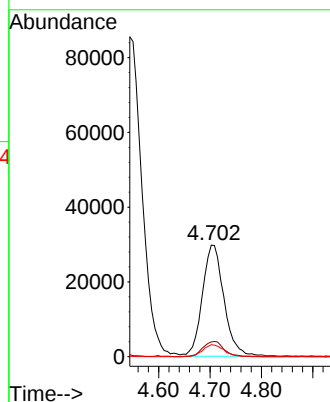
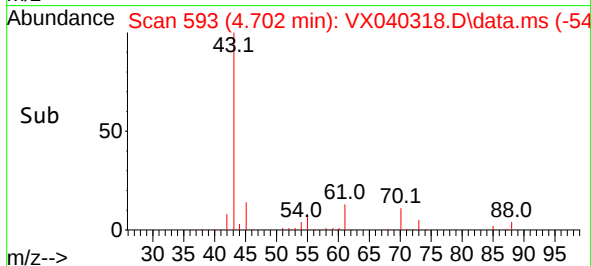
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 86610
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.5 8.3 12.5

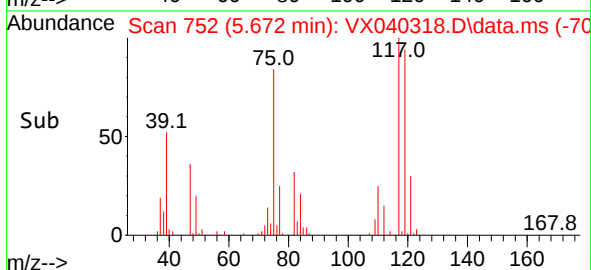
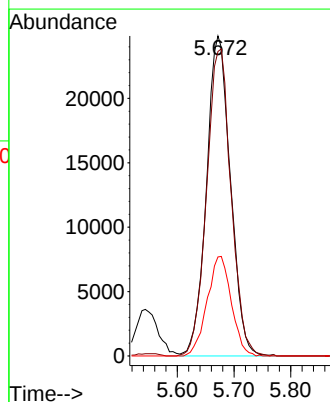
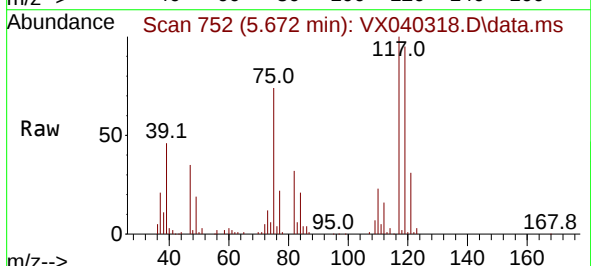
Manual Integrations
APPROVED

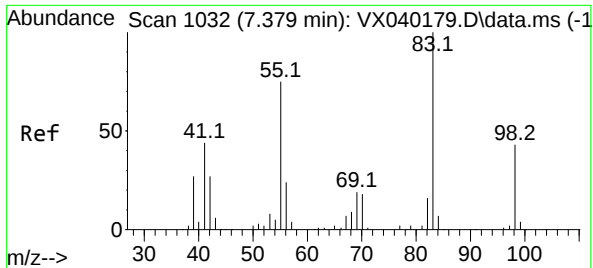
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 49.043 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

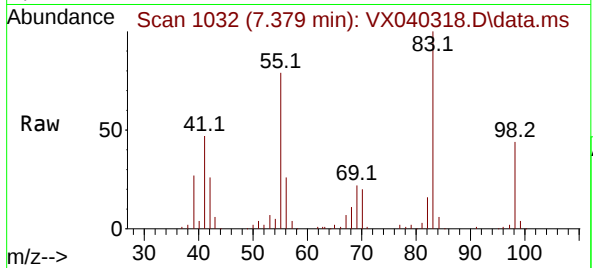
Tgt Ion:117 Resp: 73134
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.2
121 30.9 24.4 36.6





#39
Methylcyclohexane
Concen: 48.565 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

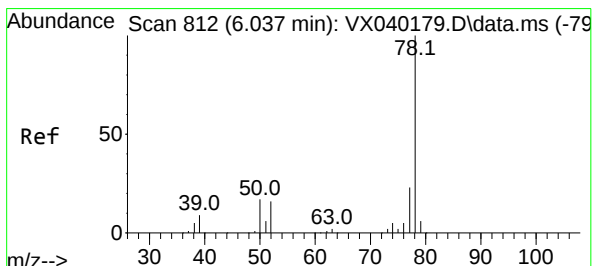
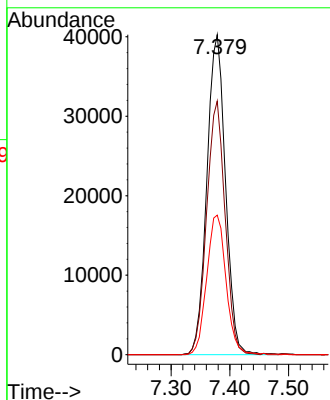
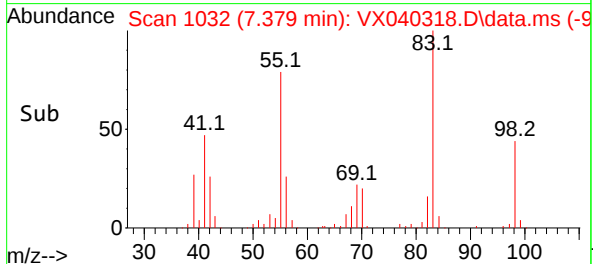
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



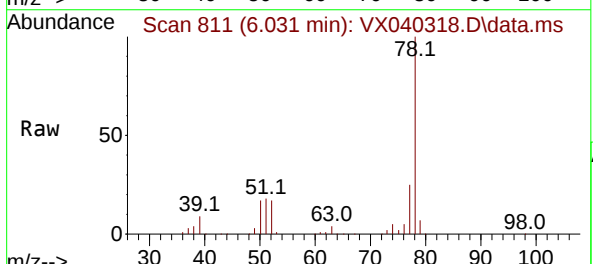
Tgt Ion: 83 Resp: 8851
Ion Ratio Lower Upper
83 100
55 79.2 64.6 97.0
98 43.6 36.7 55.1

Manual Integrations
APPROVED

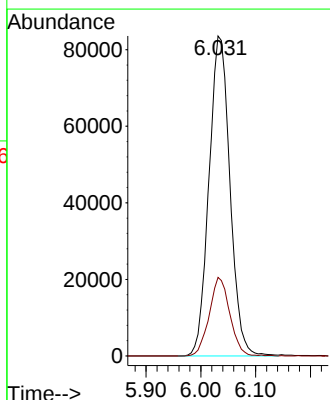
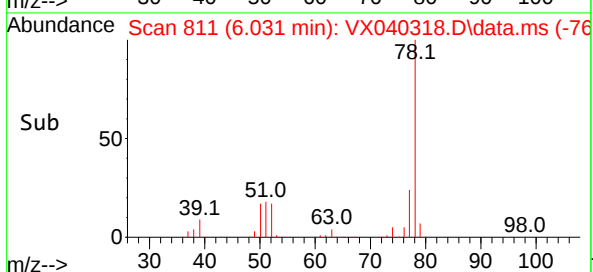
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

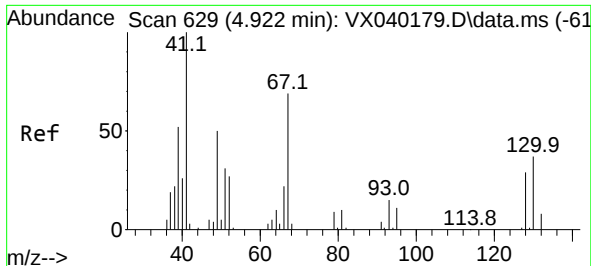


#40
Benzene
Concen: 50.675 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08



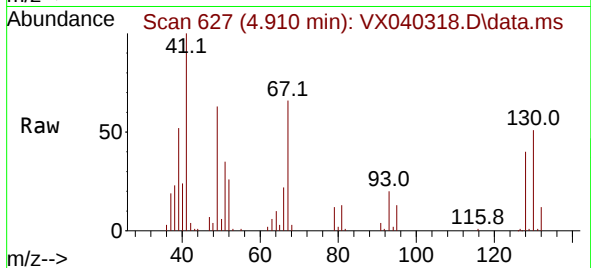
Tgt Ion: 78 Resp: 222256
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





#41
Methacrylonitrile
Concen: 52.781 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

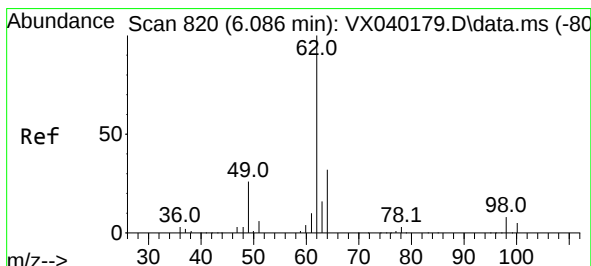
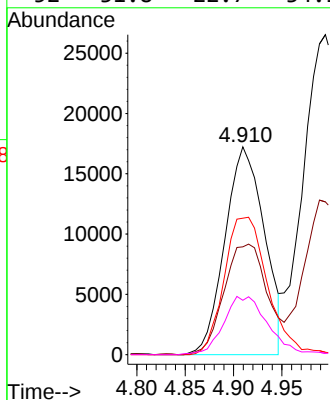
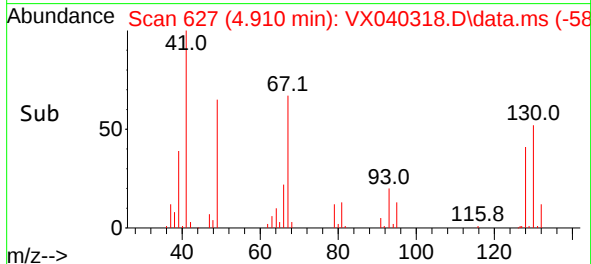
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 48829
Ion Ratio Lower Upper
41 100
39 59.1 45.2 67.8
67 73.2 52.6 78.8
52 31.8 22.7 34.1

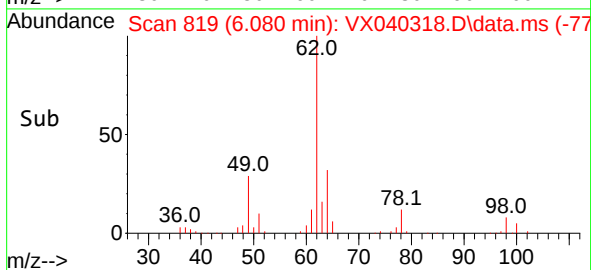
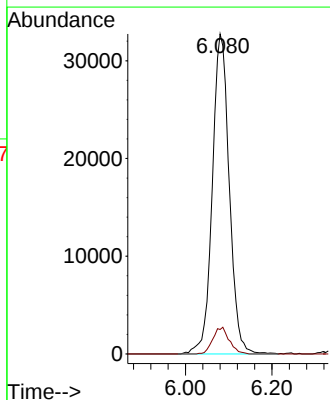
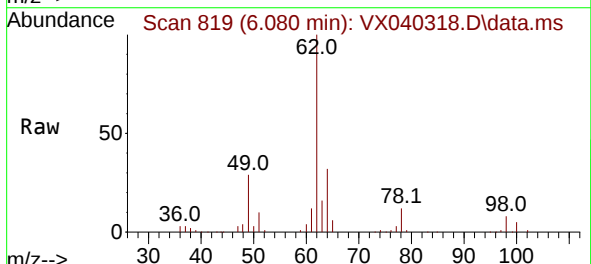
Manual Integrations
APPROVED

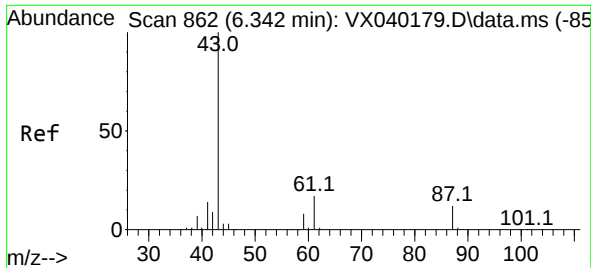
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 51.977 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 62 Resp: 89105
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.844 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 141235

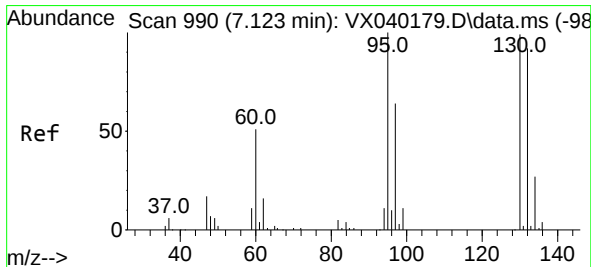
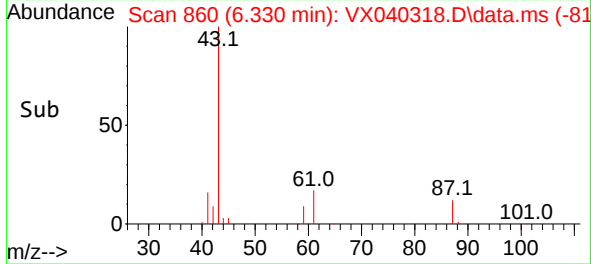
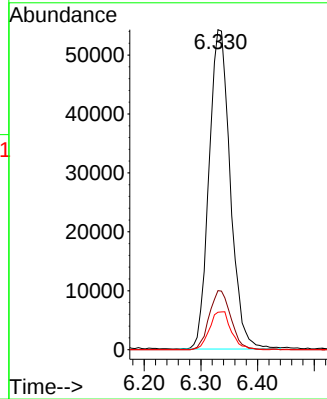
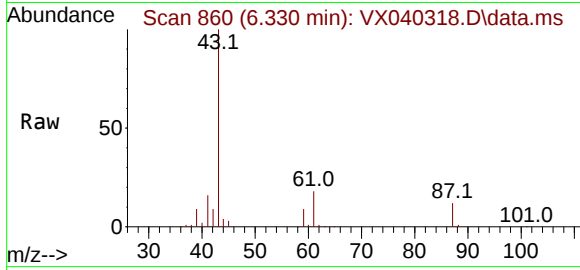
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.1	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#44

Trichloroethene

Concen: 48.078 ug/l

RT: 7.123 min Scan# 990

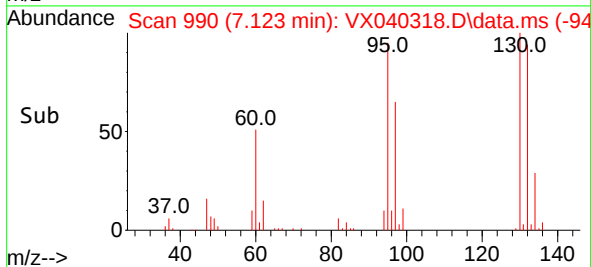
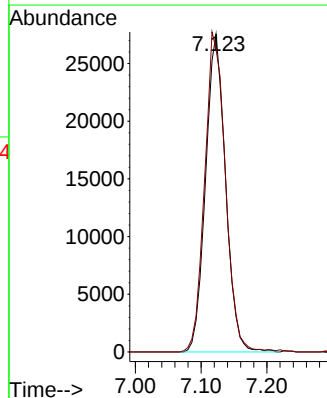
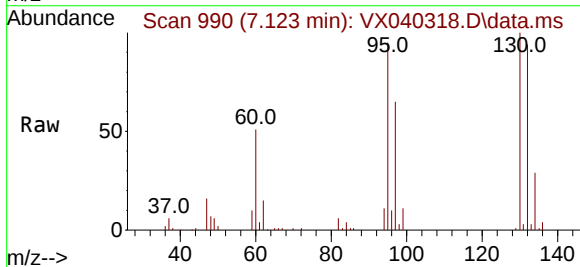
Delta R.T. -0.006 min

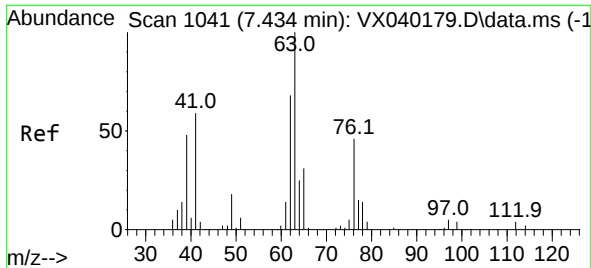
Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion:130 Resp: 58165

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 54.389 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 62089

Ion Ratio Lower Upper

63 100

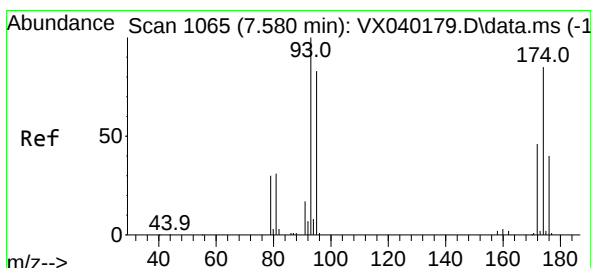
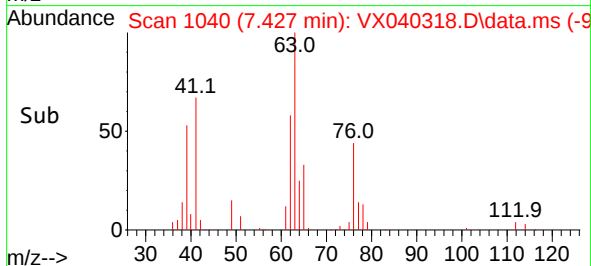
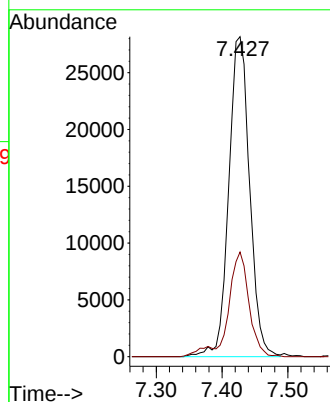
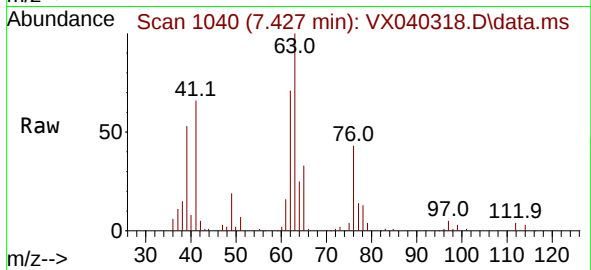
65 32.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 51.565 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.012 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

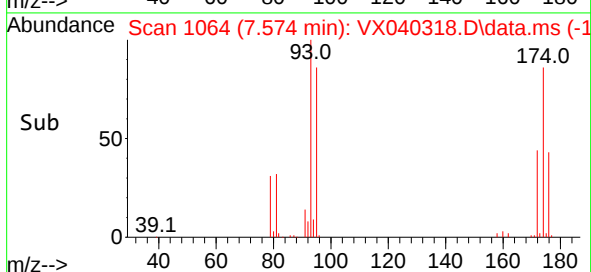
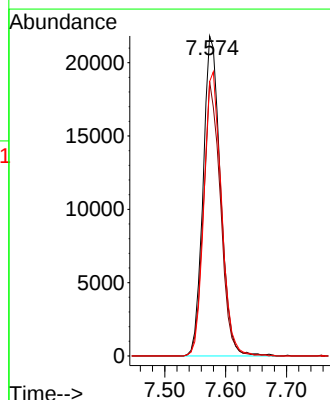
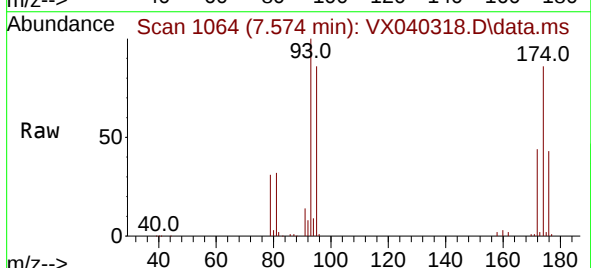
Tgt Ion: 93 Resp: 43353

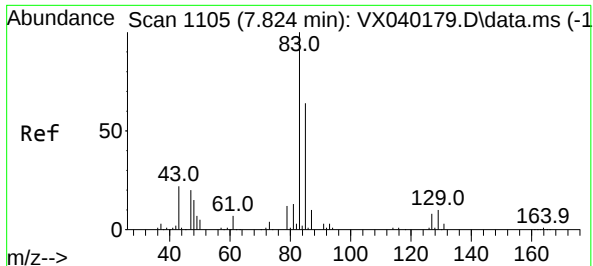
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

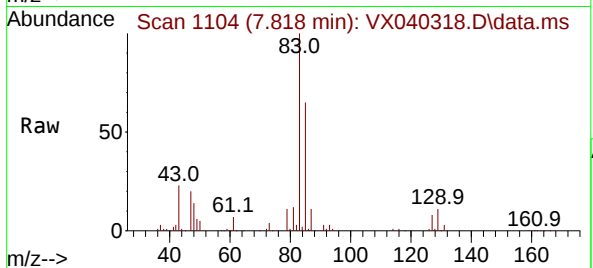
174 89.2 69.4 104.0





#47
Bromodichloromethane
Concen: 52.877 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

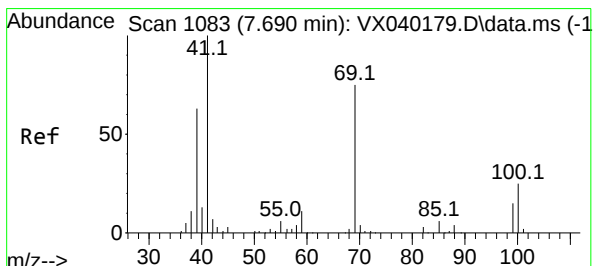
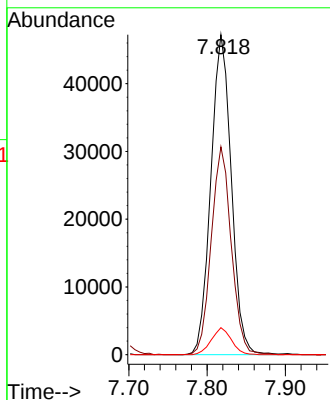
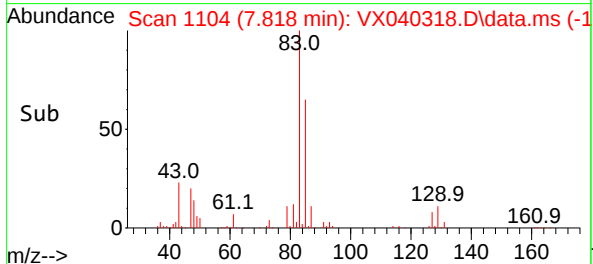
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 85660
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 8.4 7.1 10.7

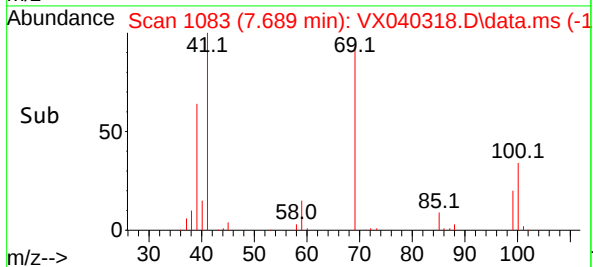
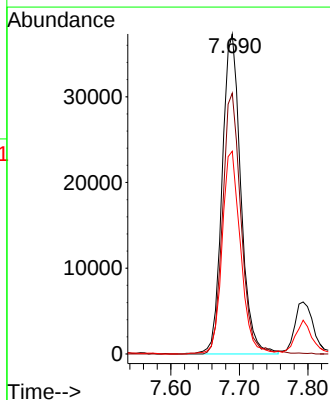
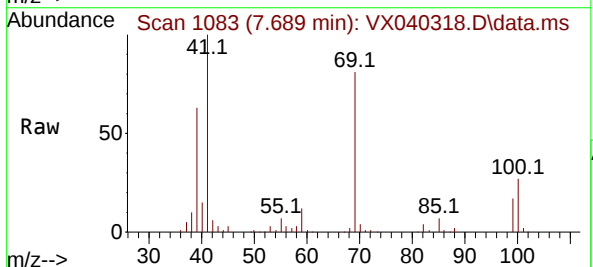
Manual Integrations
APPROVED

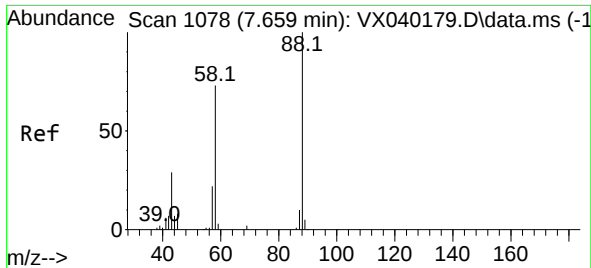
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 50.556 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 41 Resp: 70472
Ion Ratio Lower Upper
41 100
69 80.3 59.2 88.8
39 62.8 47.7 71.5





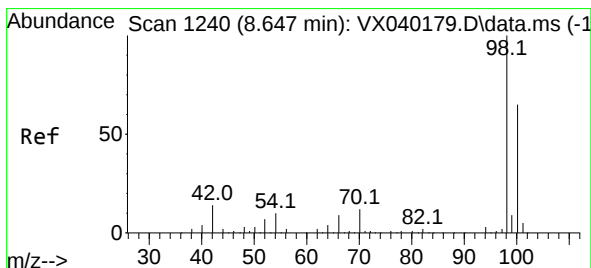
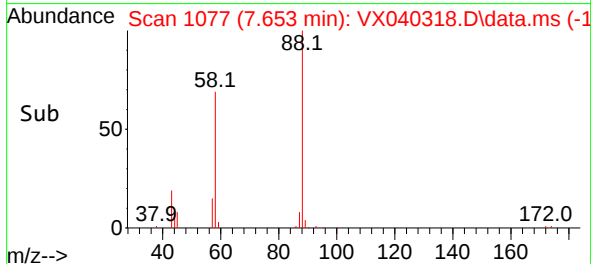
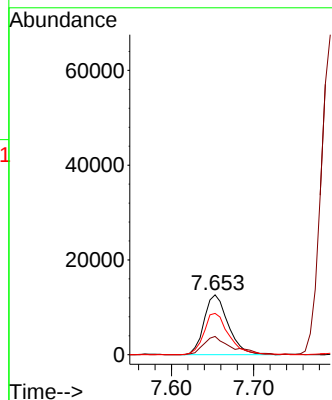
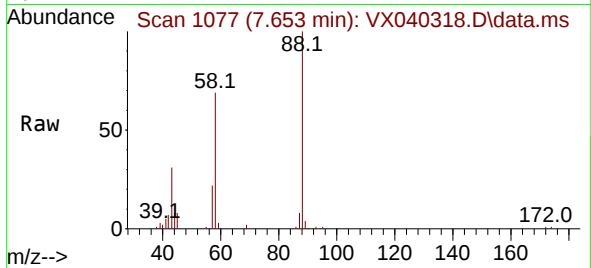
#49
1,4-Dioxane
Concen: 844.396 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 25600
Ion Ratio Lower Upper
88 100
43 35.1 0.0 0.0
58 71.6 60.1 90.1

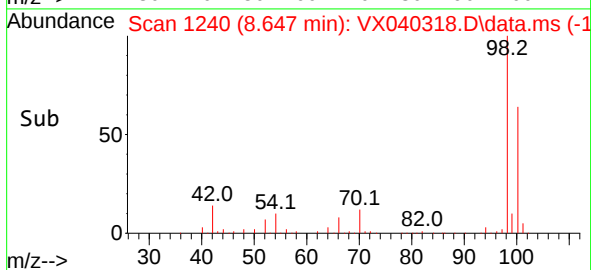
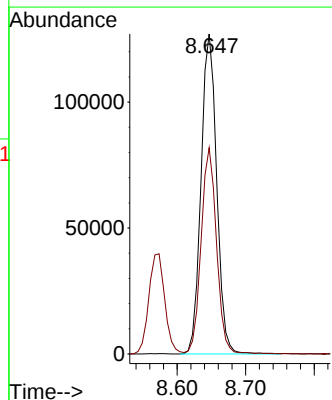
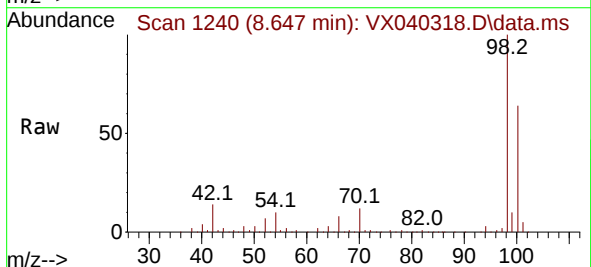
Manual Integrations
APPROVED

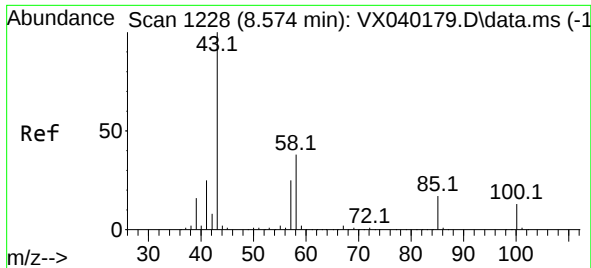
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#50
Toluene-d8
Concen: 48.258 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 98 Resp: 202109
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 258.044 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

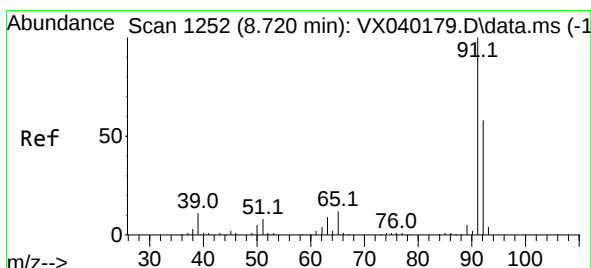
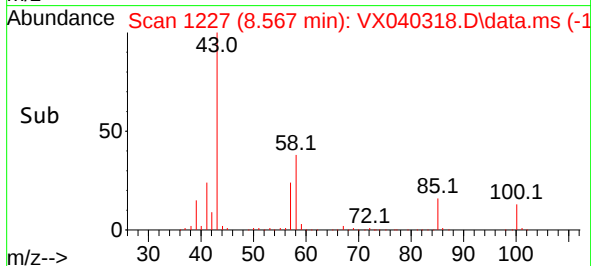
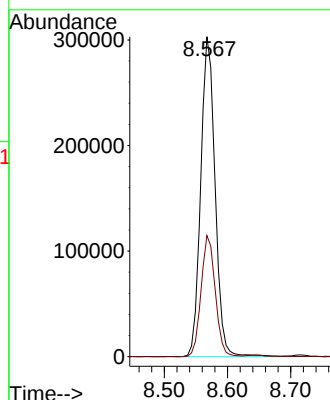
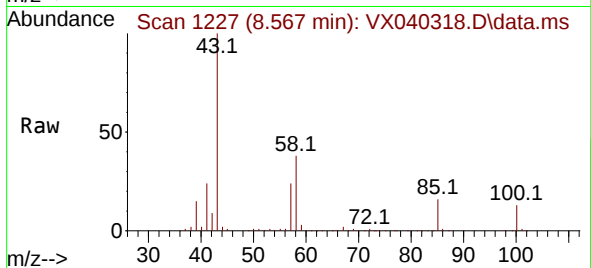
VSTDCCC050

Tgt Ion: 43 Resp: 47994
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6

Manual Integrations

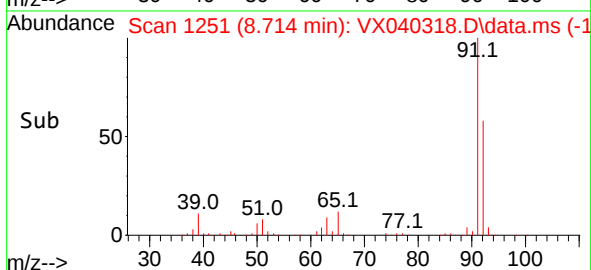
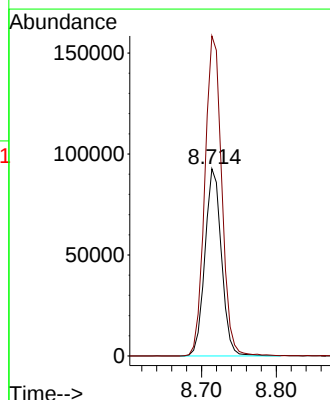
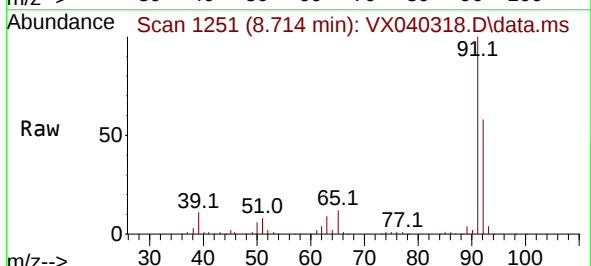
APPROVED

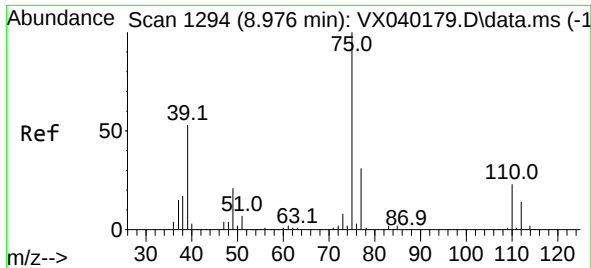
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#52
Toluene
Concen: 49.482 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 92 Resp: 142154
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2





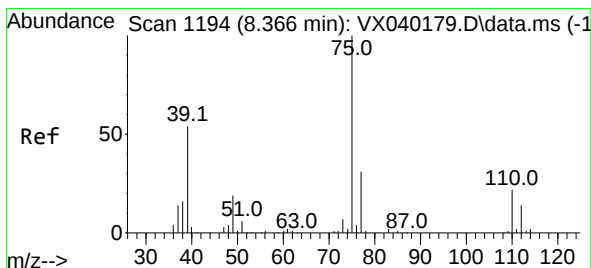
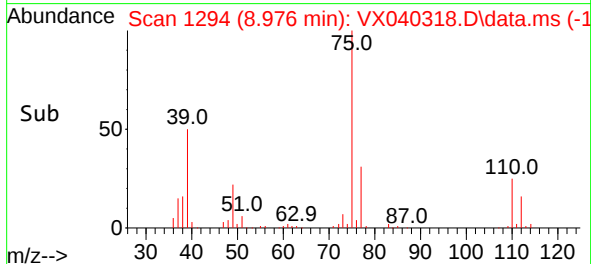
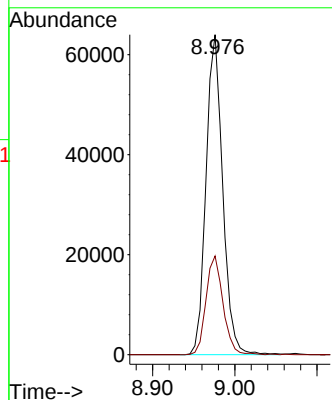
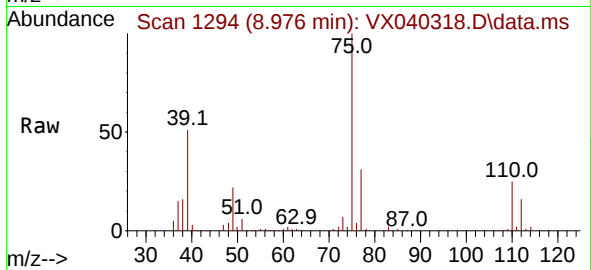
#53
t-1,3-Dichloropropene
Concen: 46.881 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 90218
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

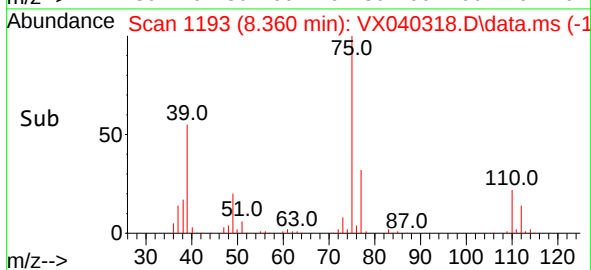
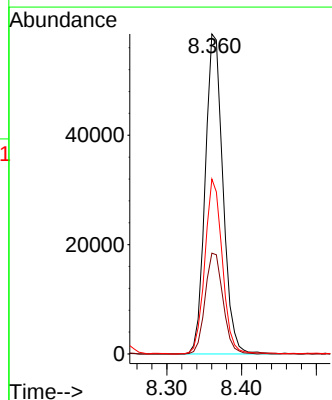
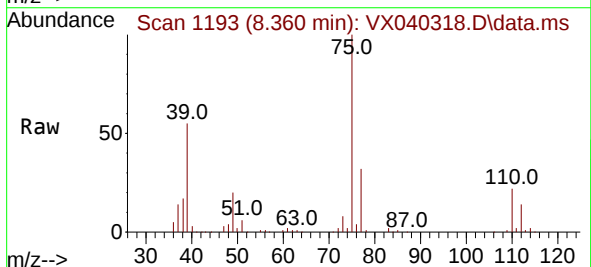
Manual Integrations
APPROVED

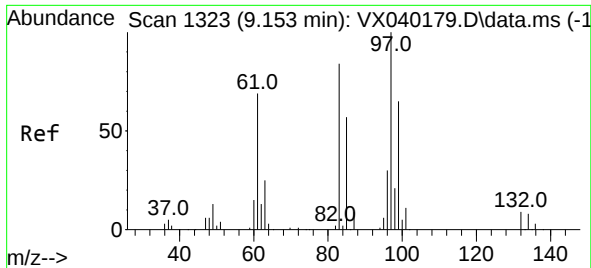
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#54
cis-1,3-Dichloropropene
Concen: 53.185 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

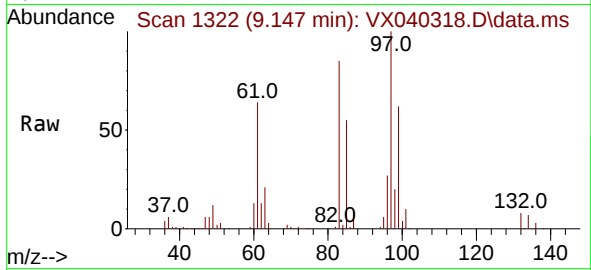
Tgt Ion: 75 Resp: 96561
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 54.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.048 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

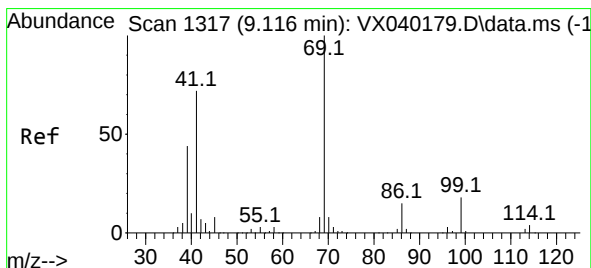
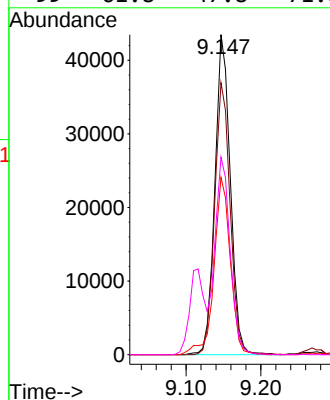
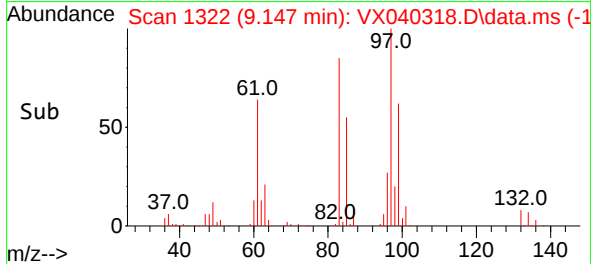


Tgt Ion: 97 Resp: 62549

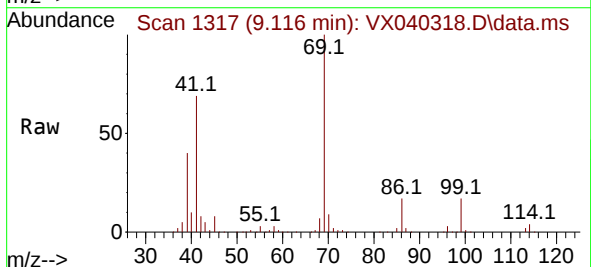
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.8	98.8
85	55.4	41.6	62.4
99	61.8	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

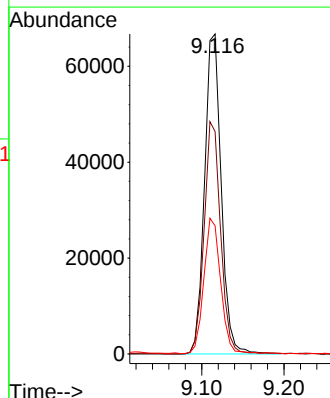
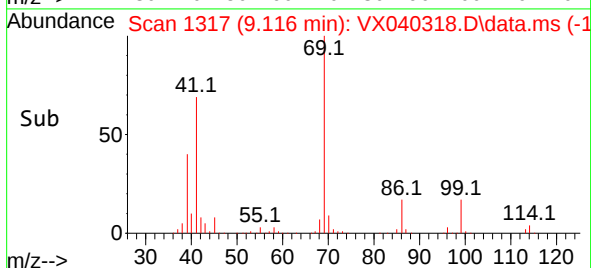


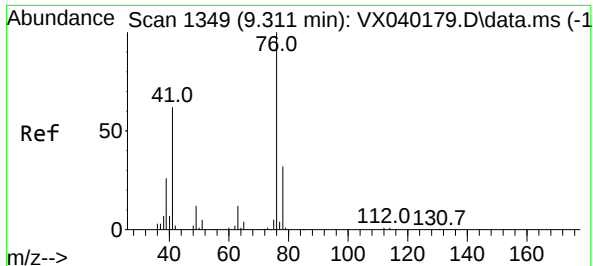
#56
Ethyl methacrylate
Concen: 51.238 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08



Tgt Ion: 69 Resp: 93986

Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.8	85.2
39	43.2	32.0	48.0





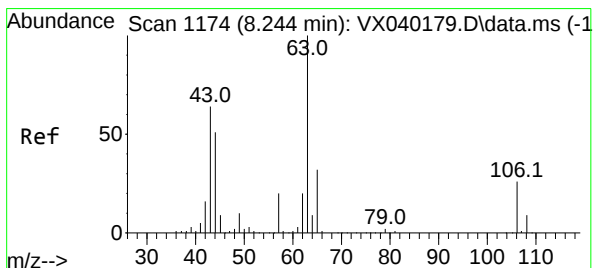
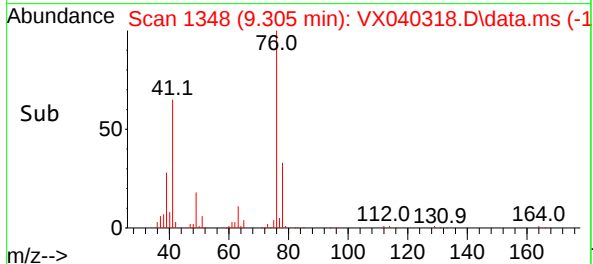
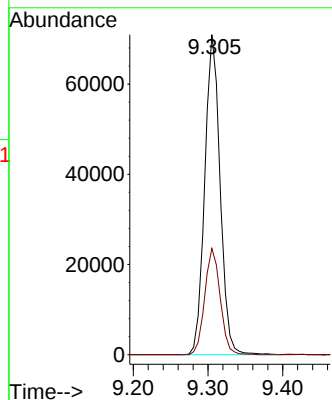
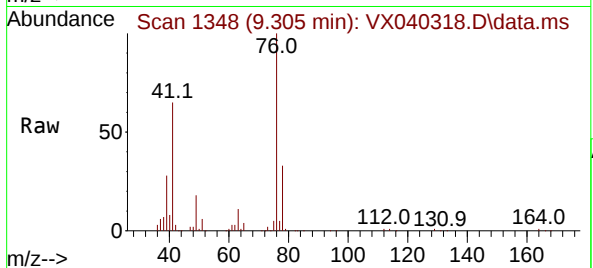
#57
1,3-Dichloropropane
Concen: 50.660 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 101318
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

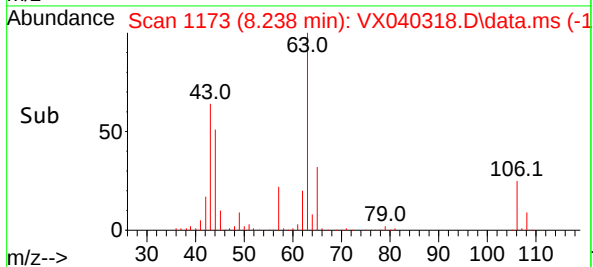
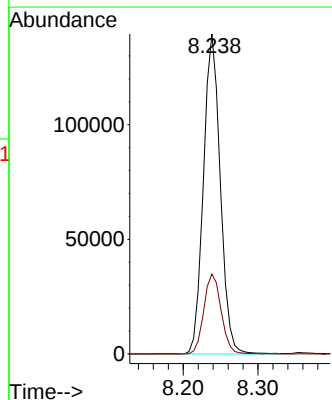
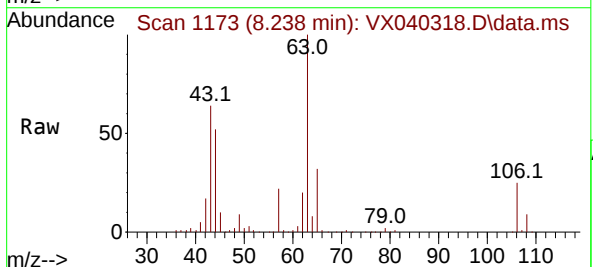
Manual Integrations
APPROVED

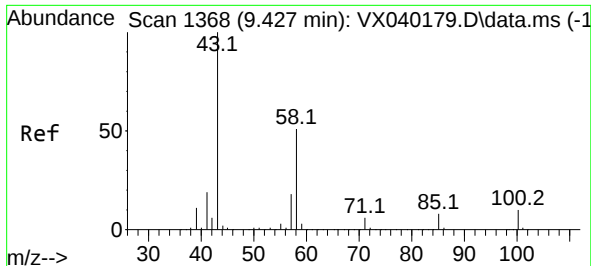
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 251.779 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 63 Resp: 218479
Ion Ratio Lower Upper
63 100
106 25.6 22.5 33.7





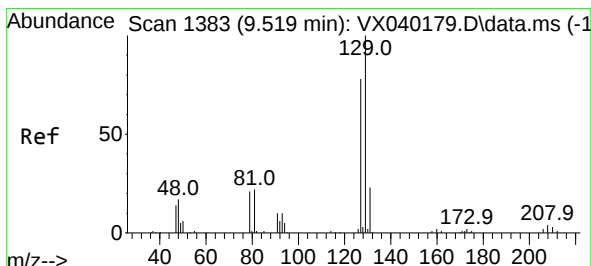
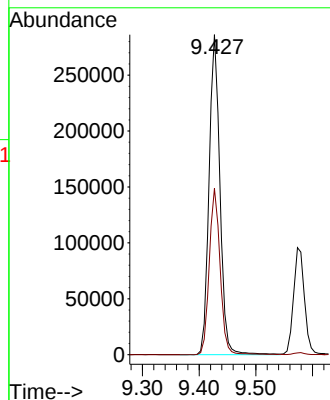
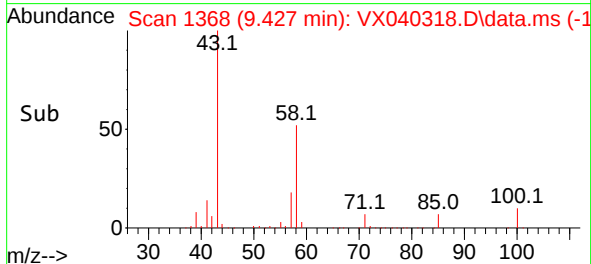
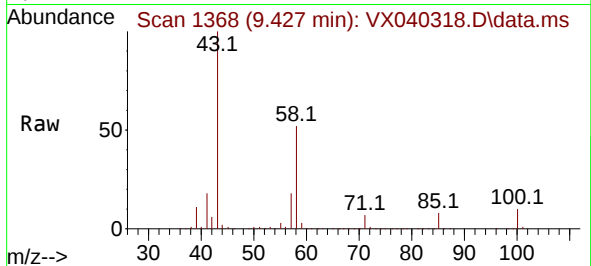
#59
2-Hexanone
Concen: 257.719 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 38004
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.5

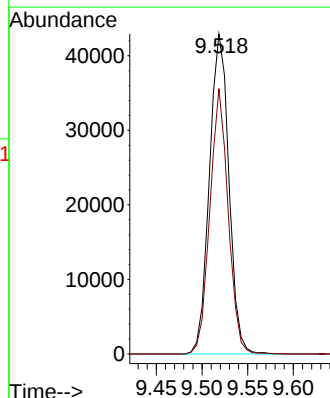
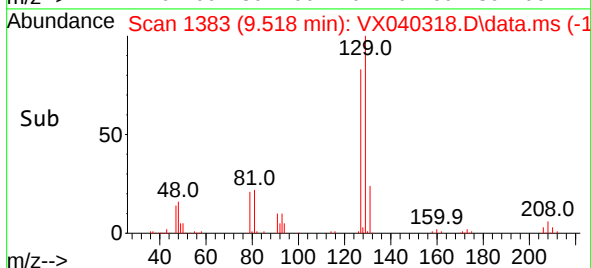
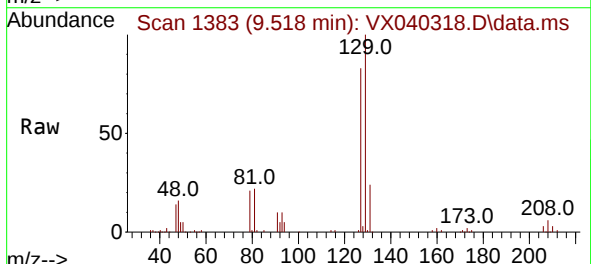
Manual Integrations
APPROVED

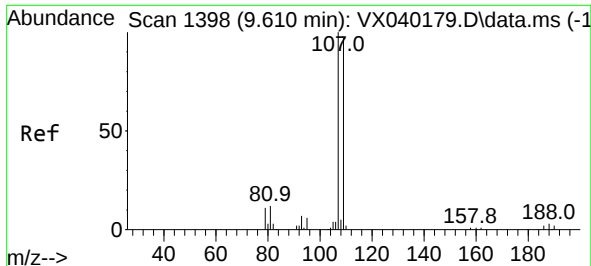
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 51.018 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

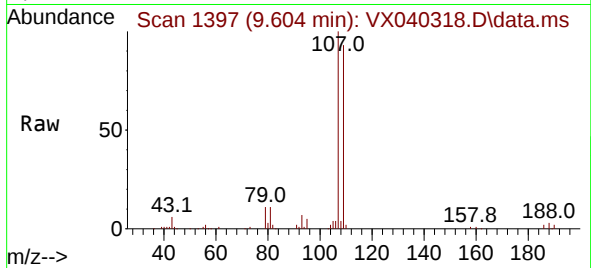
Tgt Ion:129 Resp: 63688
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.539 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

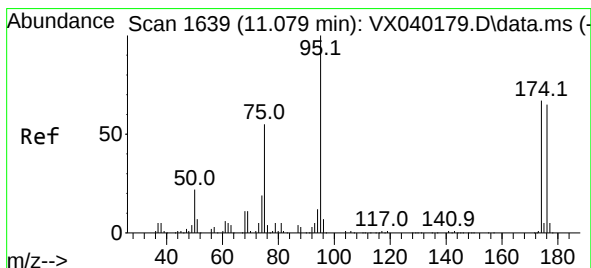
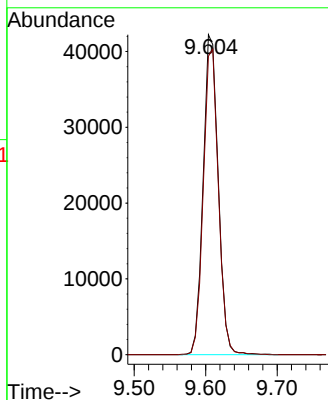
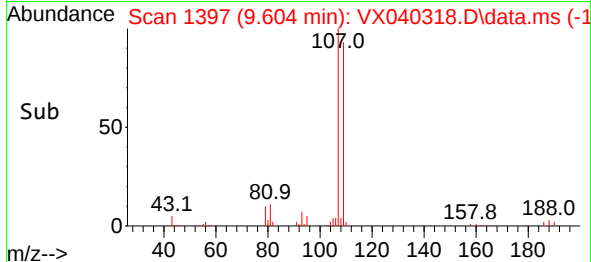
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 61915
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8

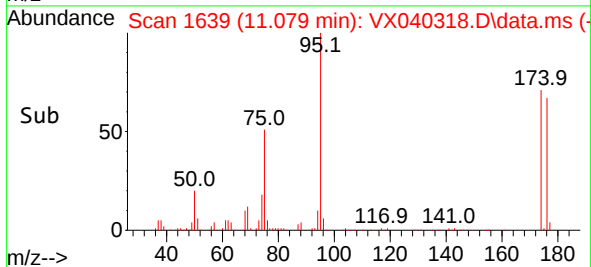
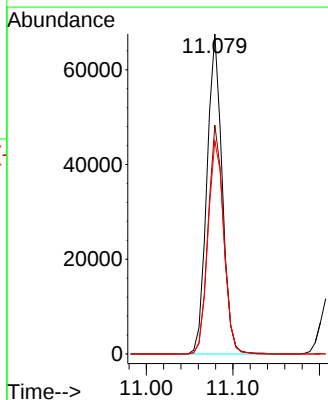
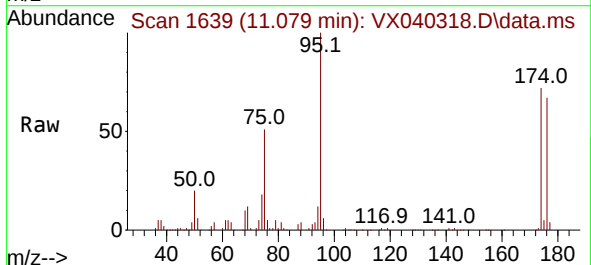
Manual Integrations
APPROVED

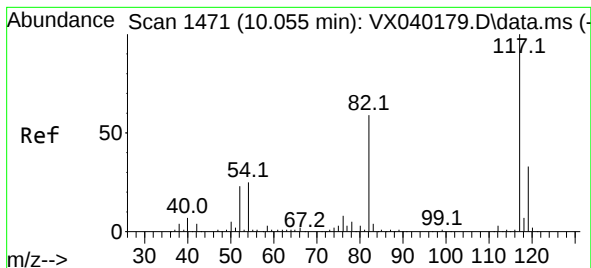
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

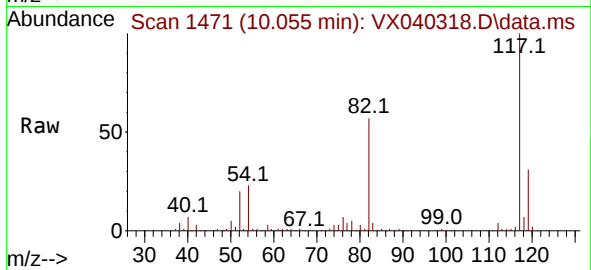
Tgt Ion: 95 Resp: 82536
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 69.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

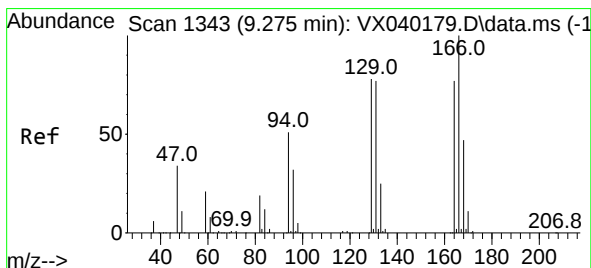
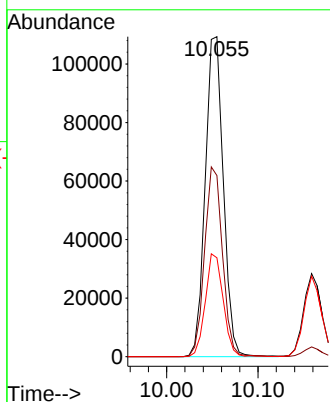
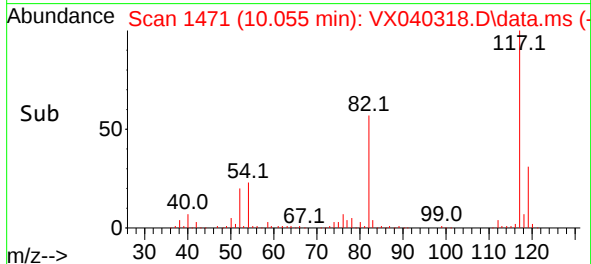
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 150108
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 30.9 25.5 38.3

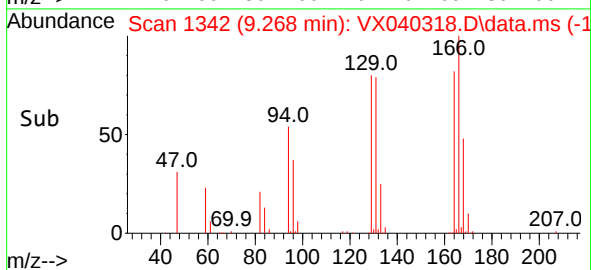
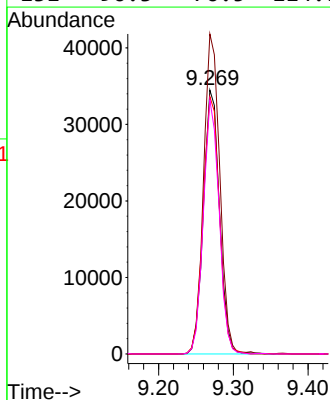
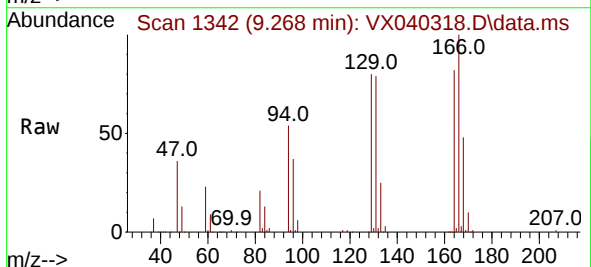
Manual Integrations
APPROVED

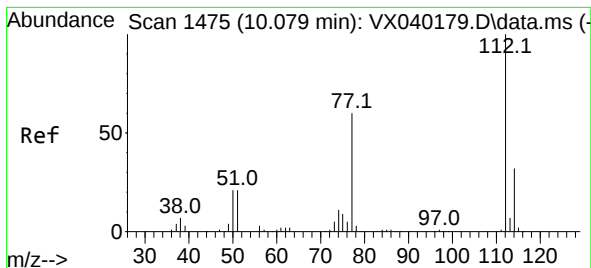
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 49.090 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:164 Resp: 51638
Ion Ratio Lower Upper
164 100
166 121.3 102.7 154.1
129 97.5 80.4 120.6
131 96.3 76.5 114.7





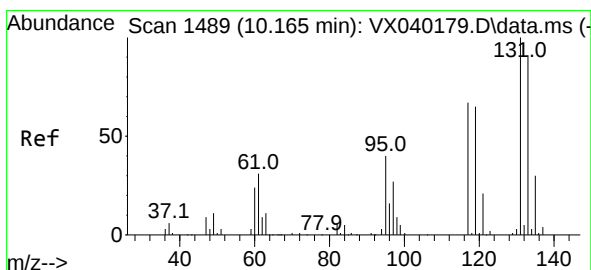
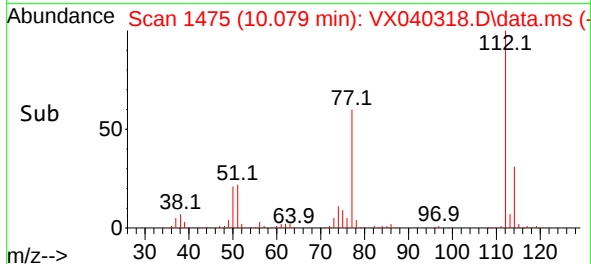
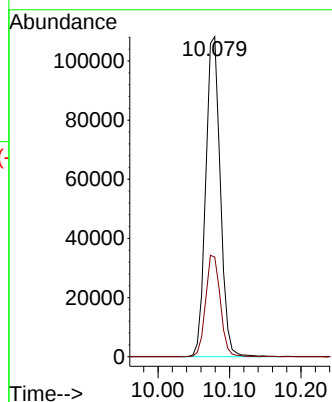
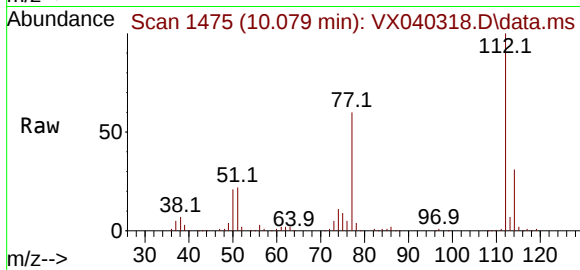
#65
Chlorobenzene
Concen: 48.953 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 15336
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

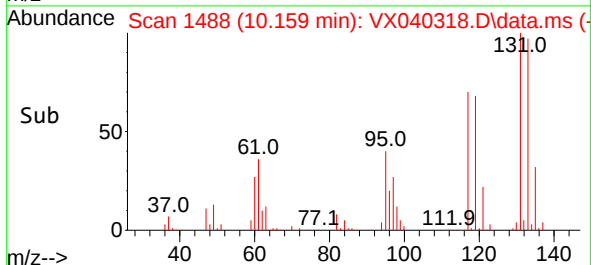
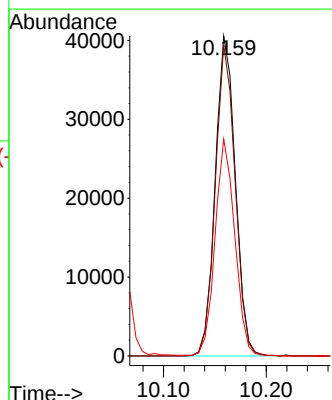
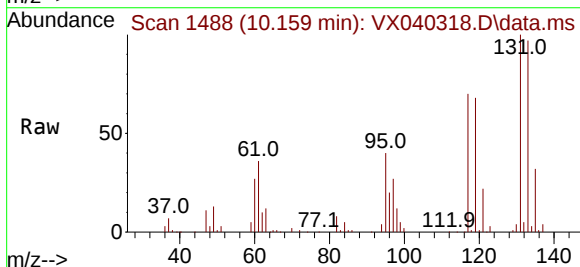
Manual Integrations
APPROVED

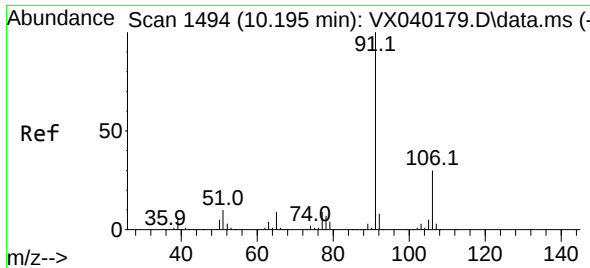
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.814 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

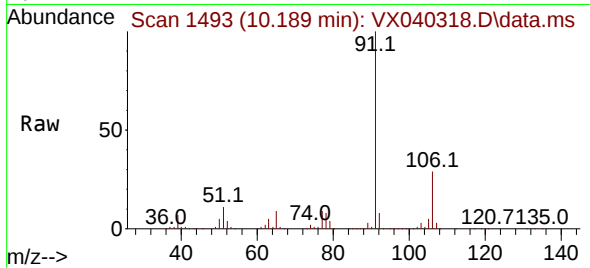
Tgt Ion:131 Resp: 55134
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.6 32.2 96.6





#67
Ethyl Benzene
Concen: 51.994 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

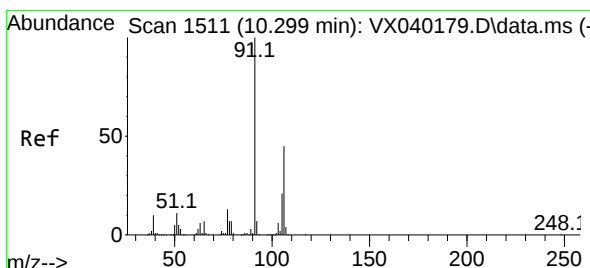
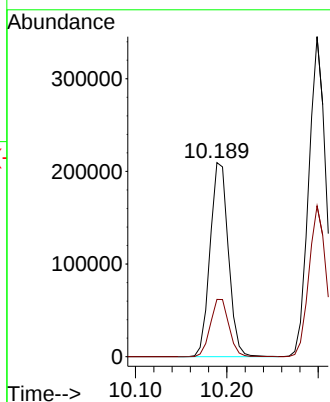
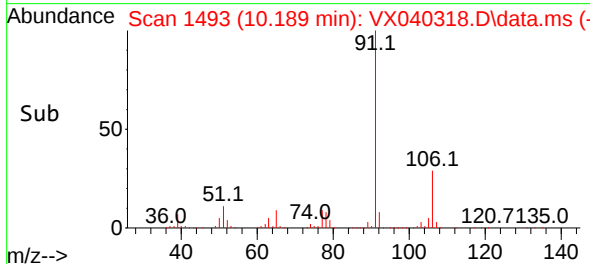
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 290100
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

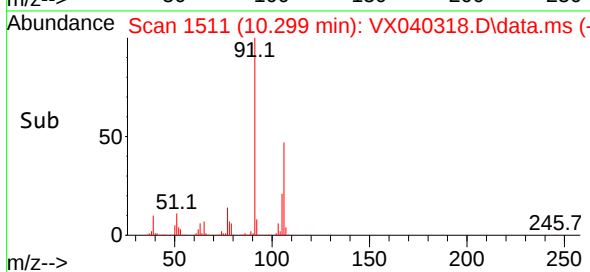
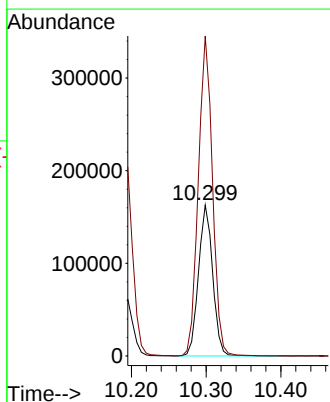
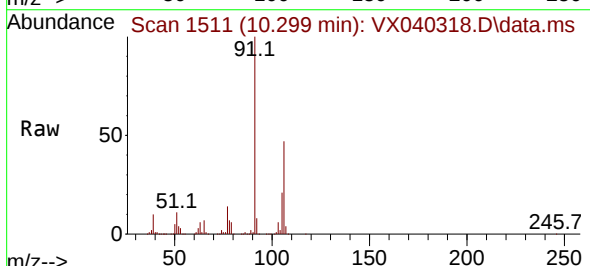
Manual Integrations
APPROVED

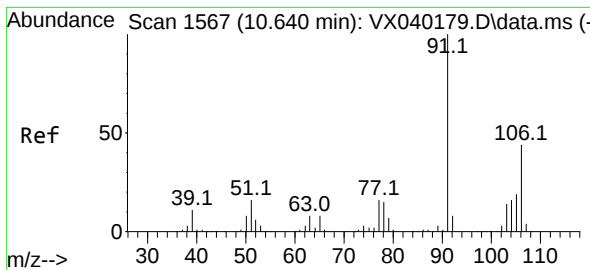
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#68
m/p-Xylenes
Concen: 101.854 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:106 Resp: 214632
Ion Ratio Lower Upper
106 100
91 212.0 165.5 248.3





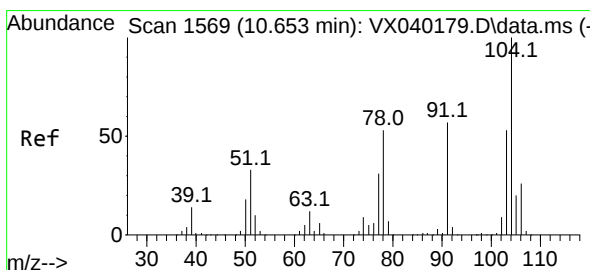
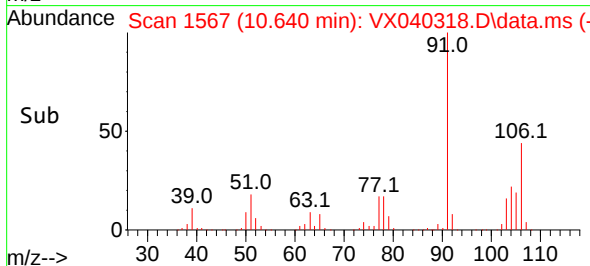
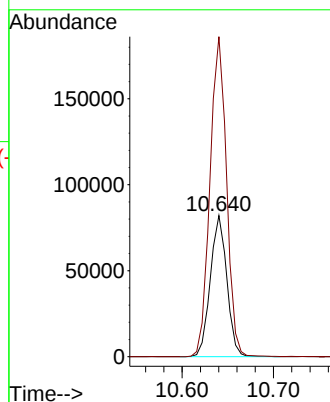
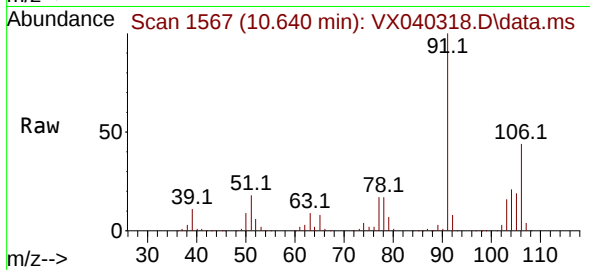
#69
o-Xylene
Concen: 50.358 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10312
Ion Ratio Lower Upper
106 100
91 227.4 108.9 326.8

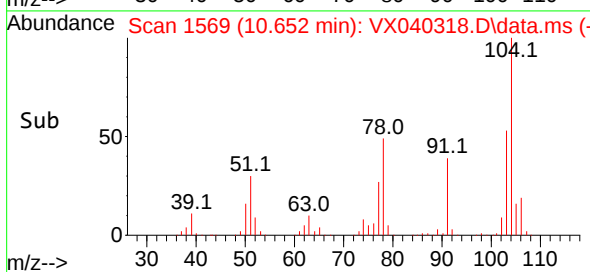
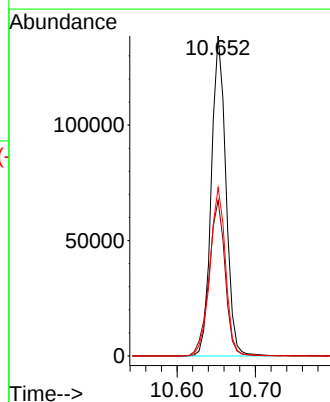
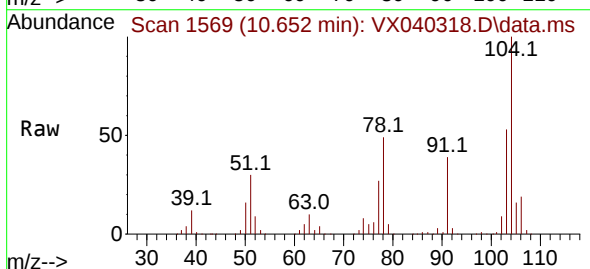
Manual Integrations
APPROVED

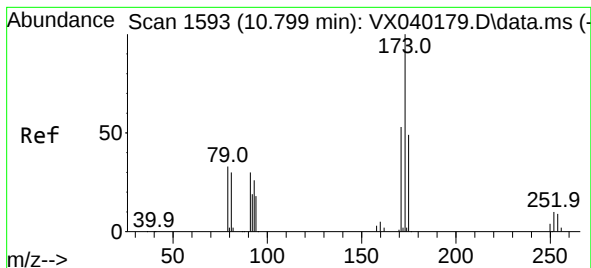
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 52.508 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:104 Resp: 178766
Ion Ratio Lower Upper
104 100
78 53.8 43.6 65.4
103 56.3 43.6 65.4





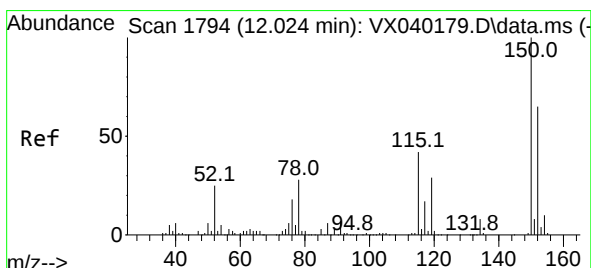
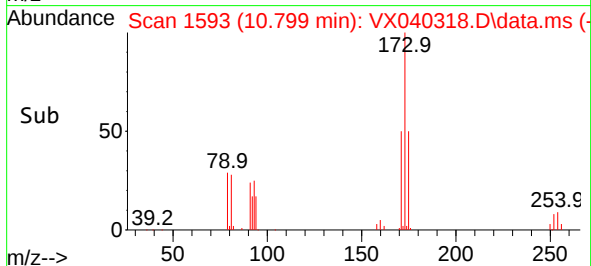
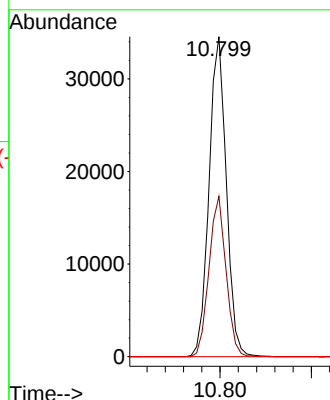
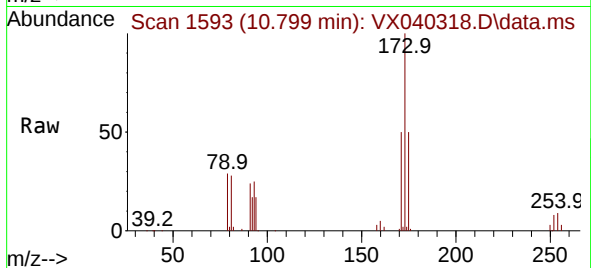
#71
Bromoform
Concen: 44.495 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 45138
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

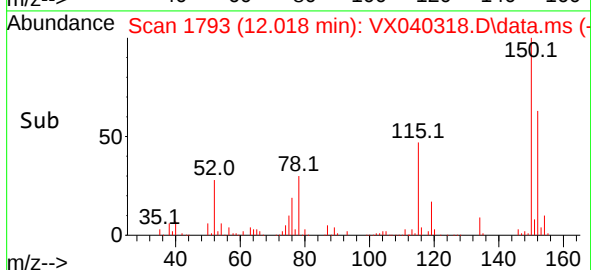
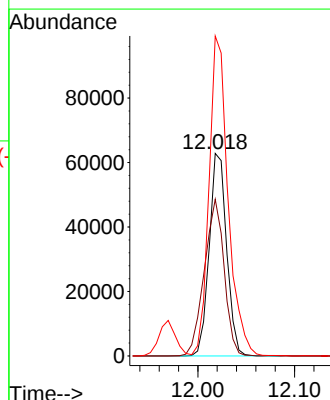
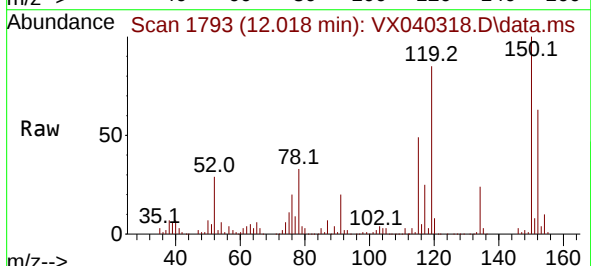
Manual Integrations
APPROVED

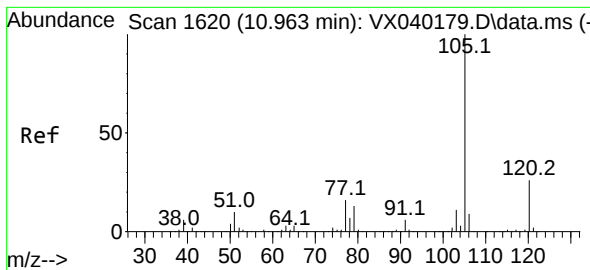
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:152 Resp: 78752
Ion Ratio Lower Upper
152 100
115 88.2 43.3 129.9
150 172.8 0.0 345.0





#73

Isopropylbenzene

Concen: 51.422 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 28522

Ion Ratio Lower Upper

105 100

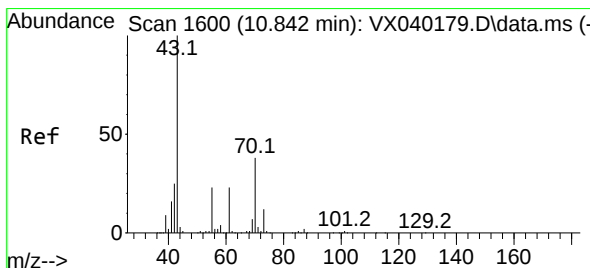
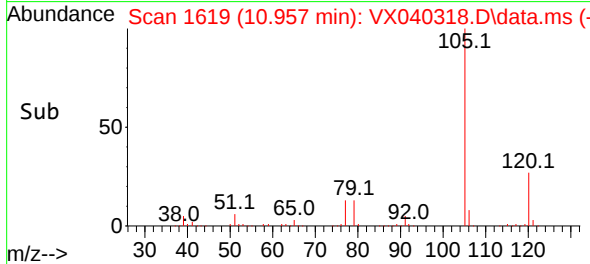
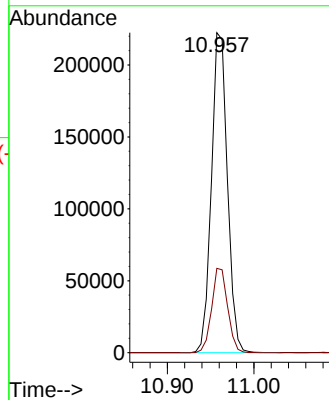
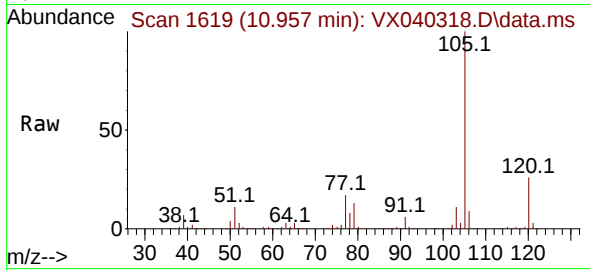
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#74

N-ethyl acetate

Concen: 55.682 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion: 43 Resp: 132388

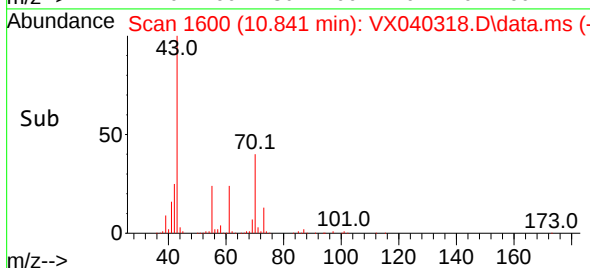
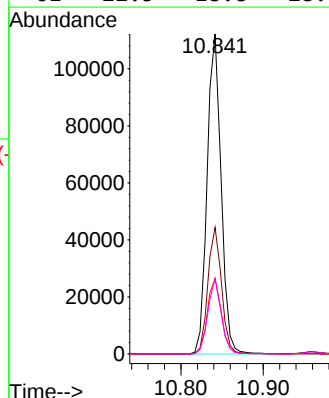
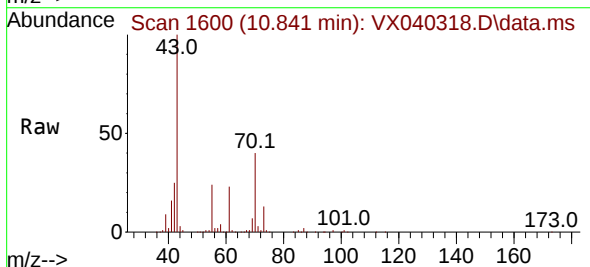
Ion Ratio Lower Upper

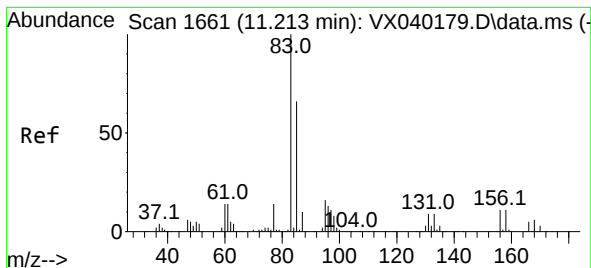
43 100

70 38.7 32.9 49.3

55 23.7 19.3 28.9

61 22.5 18.8 28.2





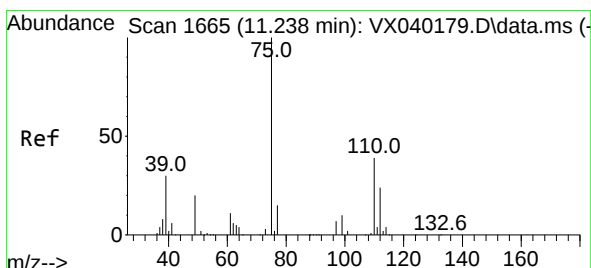
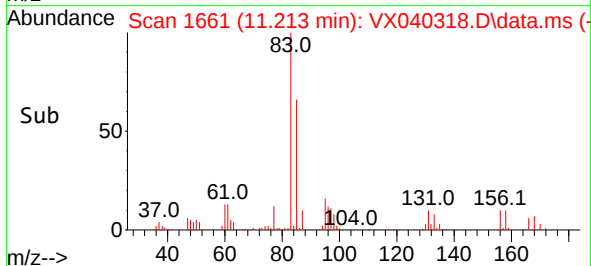
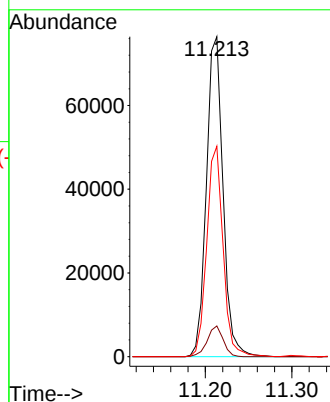
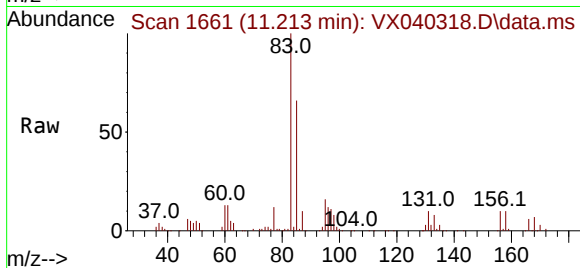
#75
1,1,2,2-Tetrachloroethane
Concen: 51.111 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10185
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.6 32.0 96.2

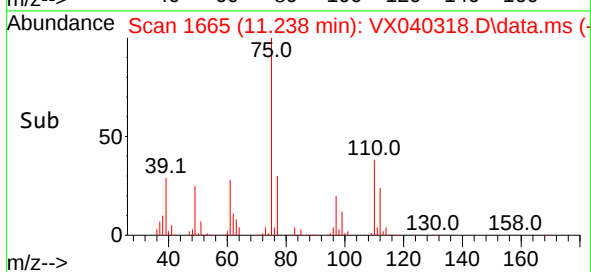
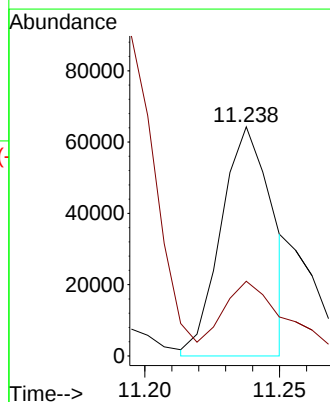
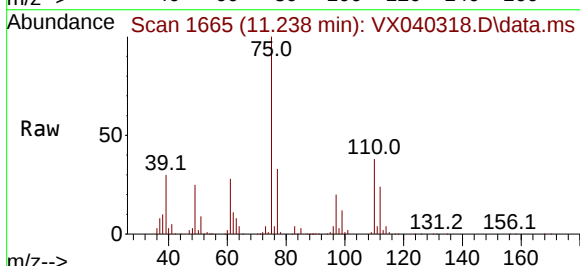
Manual Integrations
APPROVED

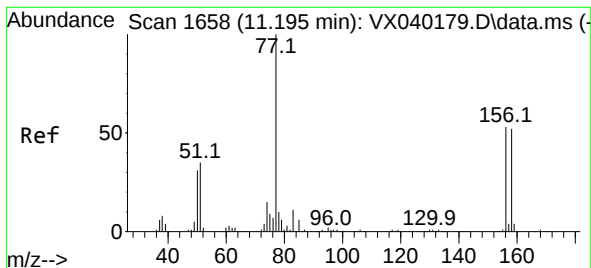
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 53.121 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 75 Resp: 84715
Ion Ratio Lower Upper
75 100
77 41.1 19.1 57.5





#77

Bromobenzene

Concen: 51.085 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 6692

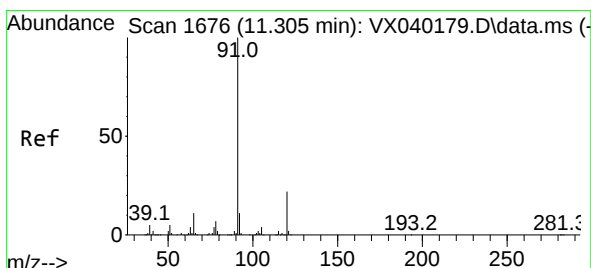
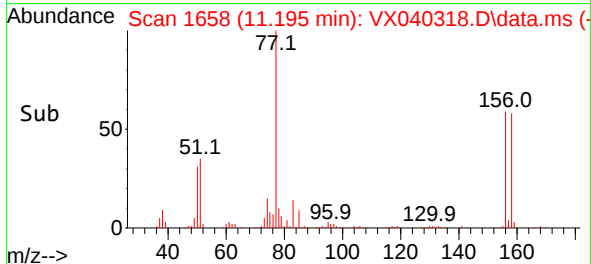
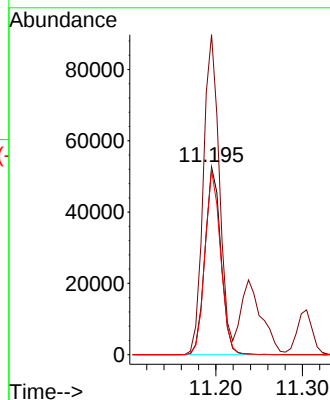
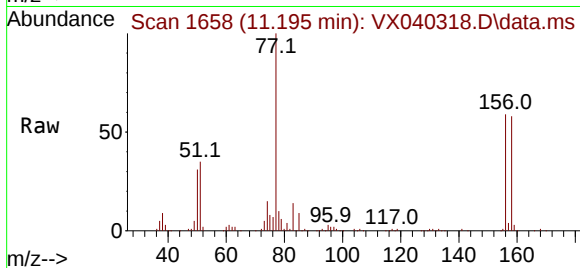
Ion	Ratio	Lower	Upper
156	100		
77	172.4	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#78

n-propylbenzene

Concen: 53.362 ug/l

RT: 11.305 min Scan# 1676

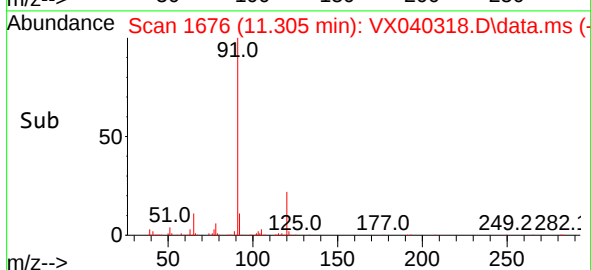
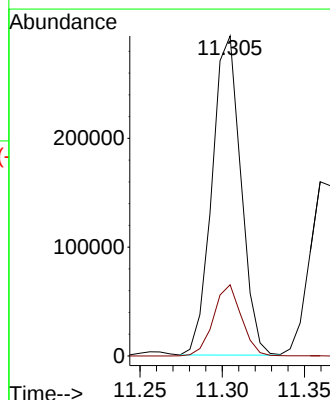
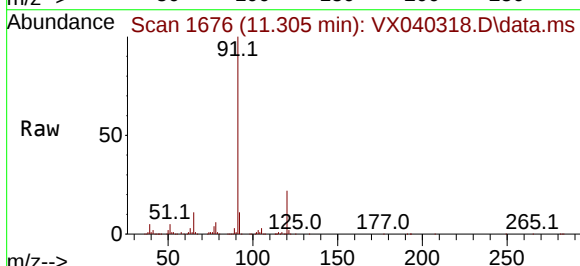
Delta R.T. -0.000 min

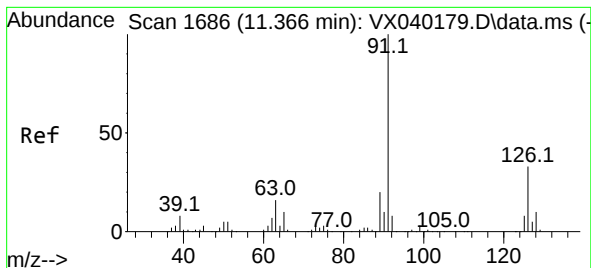
Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion: 91 Resp: 358343

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.5	34.4





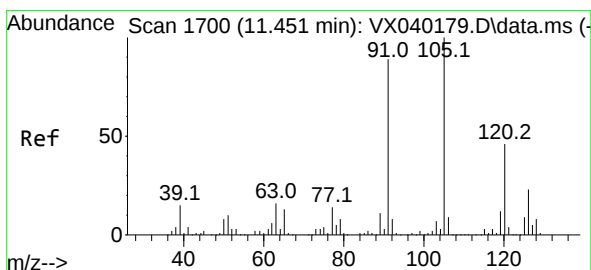
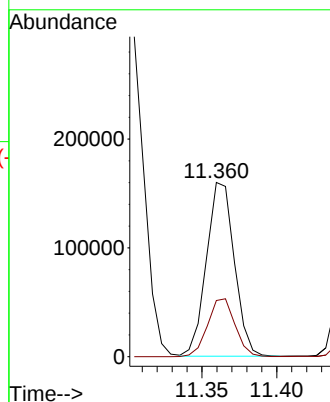
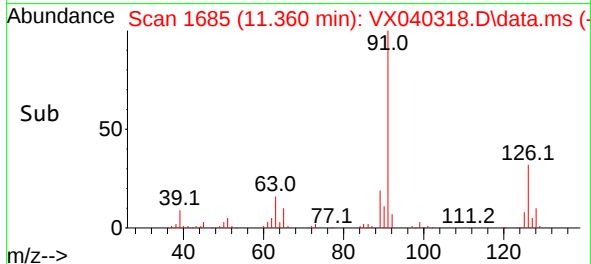
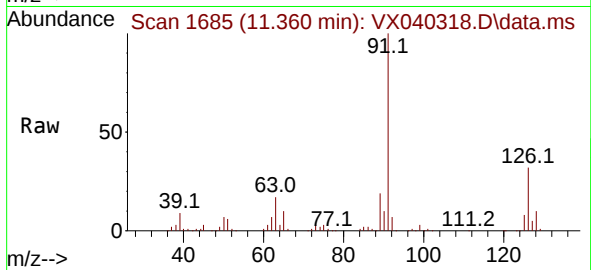
#79
2-Chlorotoluene
Concen: 51.232 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 207750
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

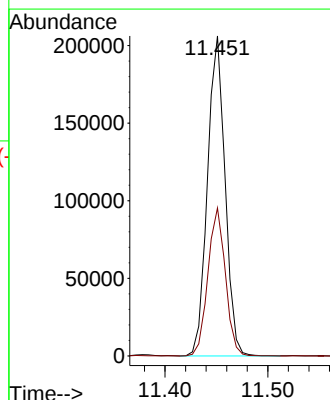
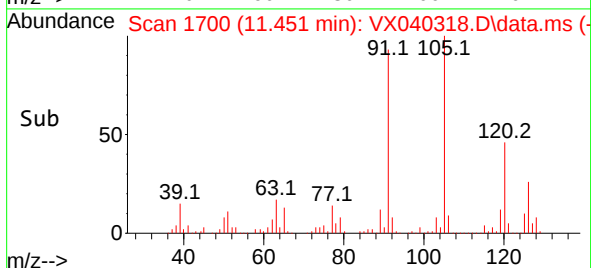
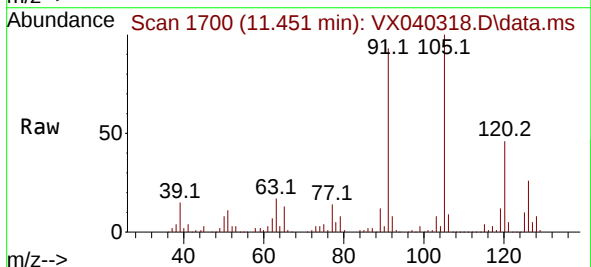
Manual Integrations
APPROVED

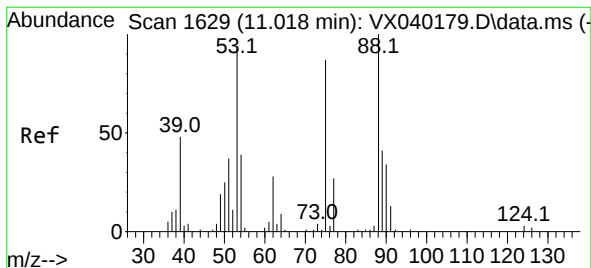
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.698 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:105 Resp: 246084
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





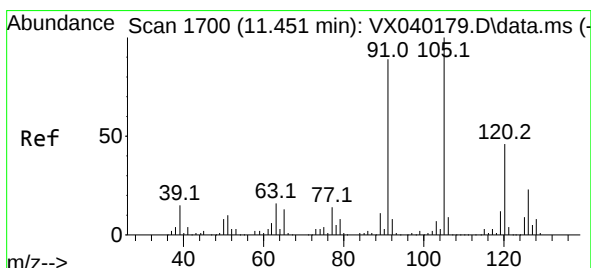
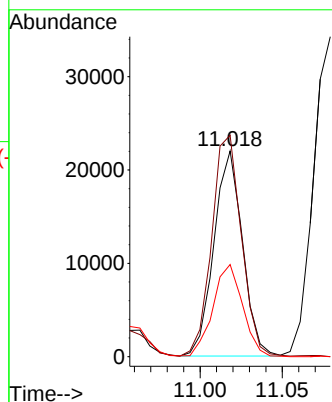
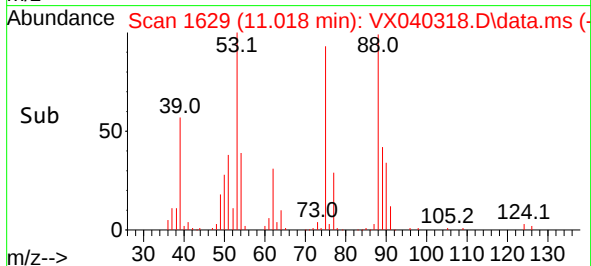
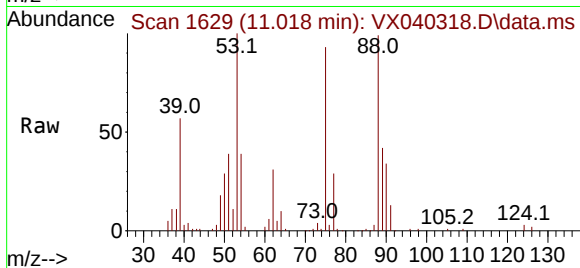
#81
trans-1,4-Dichloro-2-butene
Concen: 47.009 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2656
Ion Ratio Lower Upper
75 100
53 111.6 90.5 135.7
89 46.8 36.9 55.3

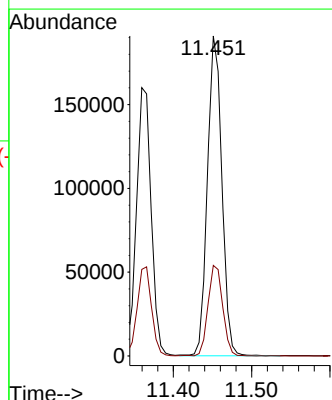
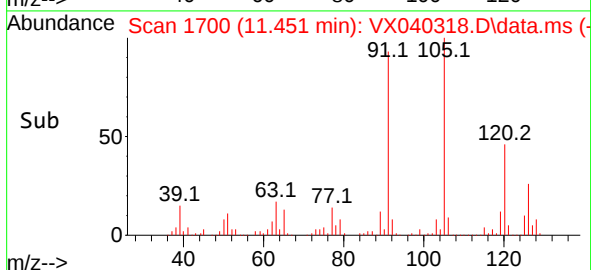
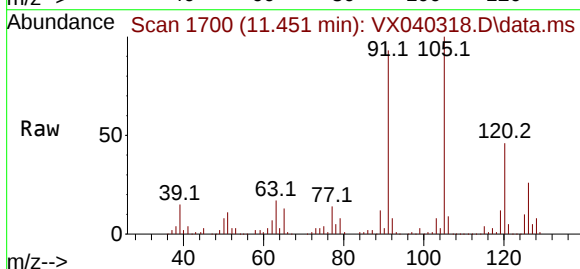
Manual Integrations
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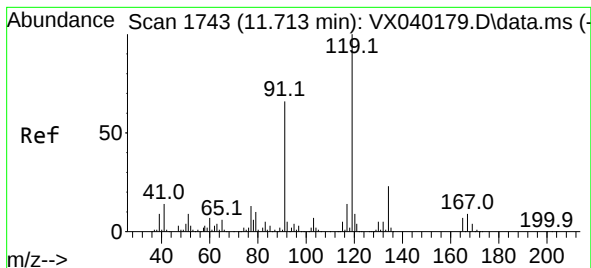
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 50.691 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 91 Resp: 243550
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.682 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 23203

Ion Ratio Lower Upper

119 100

91 63.6 31.2 93.6

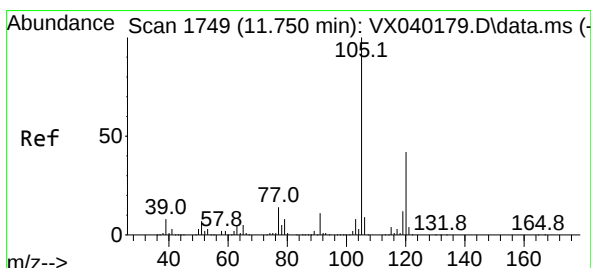
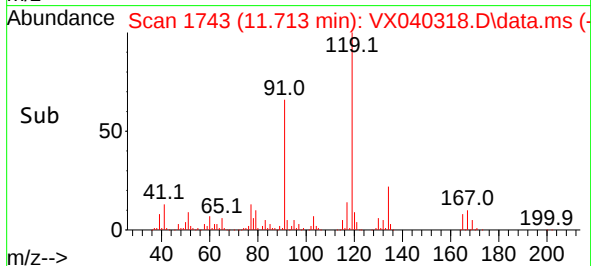
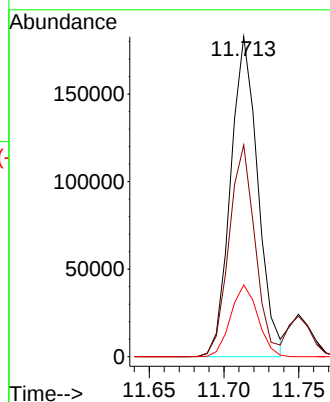
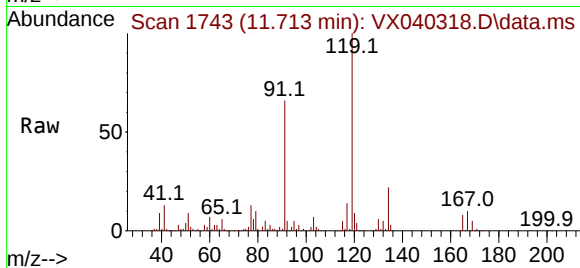
134 22.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.242 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040318.D

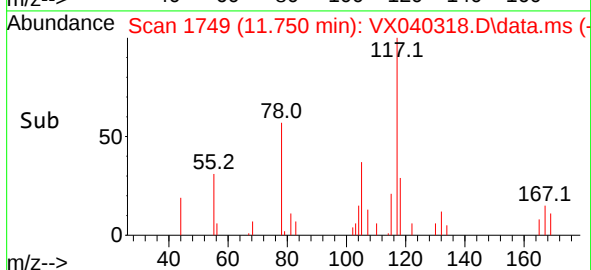
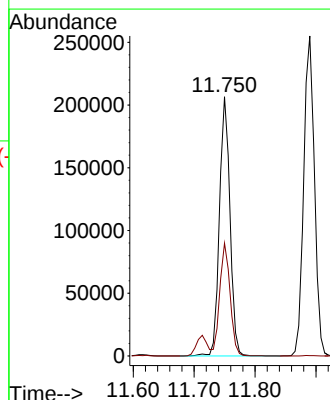
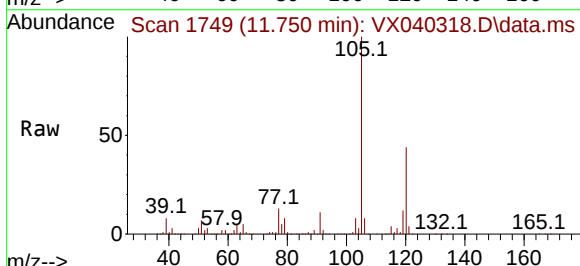
Acq: 19 Feb 2024 10:08

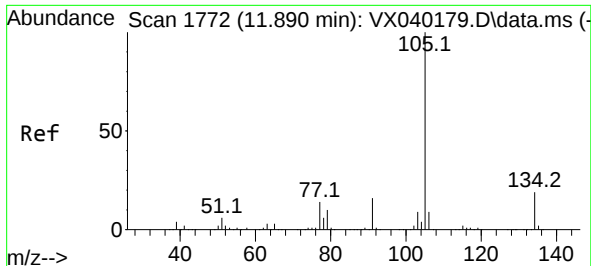
Tgt Ion:105 Resp: 246811

Ion Ratio Lower Upper

105 100

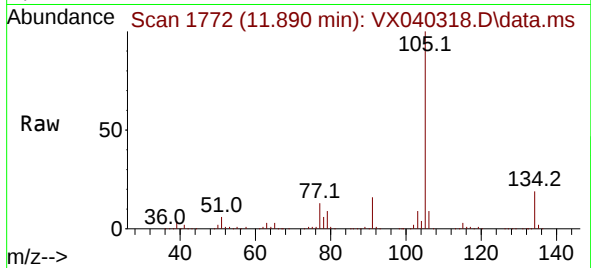
120 43.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.990 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

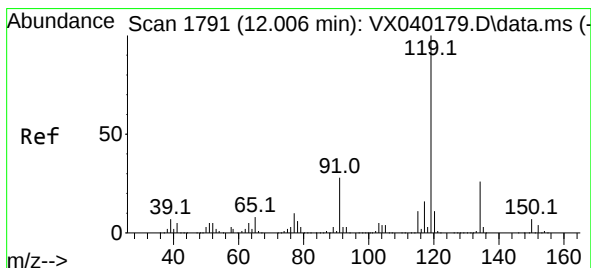
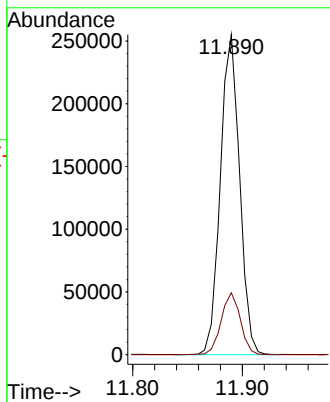
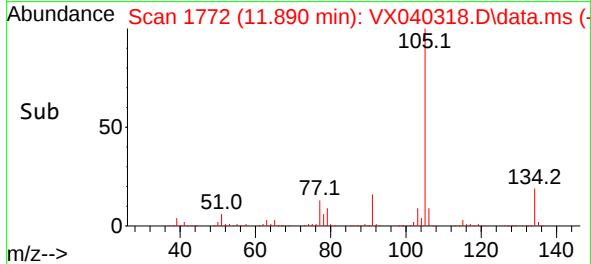
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



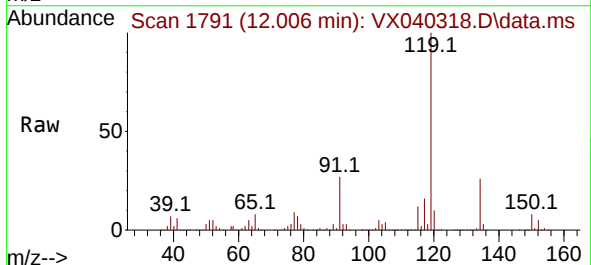
Tgt Ion:105 Resp: 311772
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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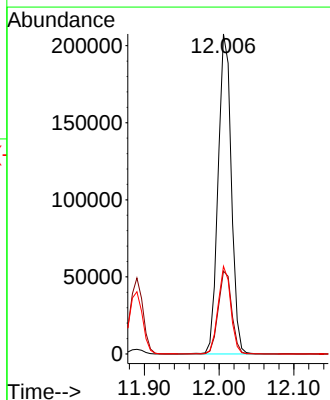
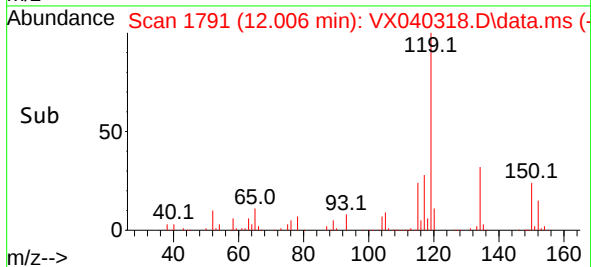
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

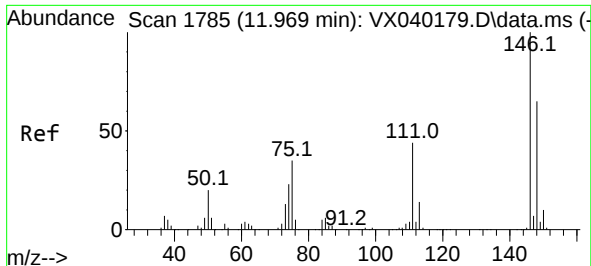


#86
 p-Isopropyltoluene
 Concen: 52.676 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08



Tgt Ion:119 Resp: 254055
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.261 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 133063

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

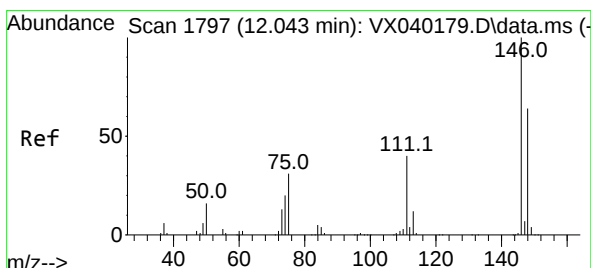
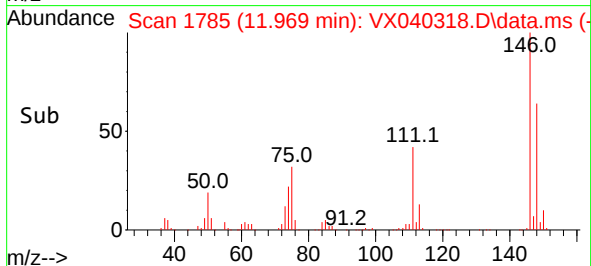
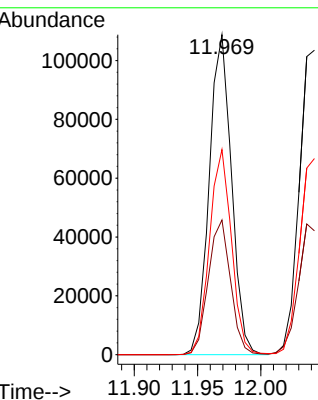
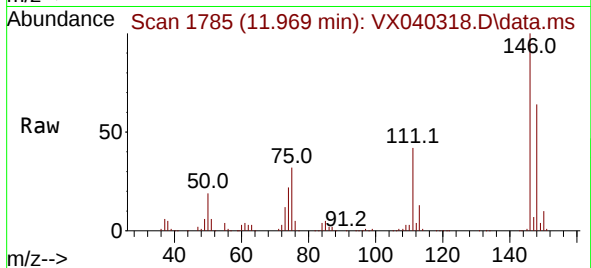
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

Concen: 48.490 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

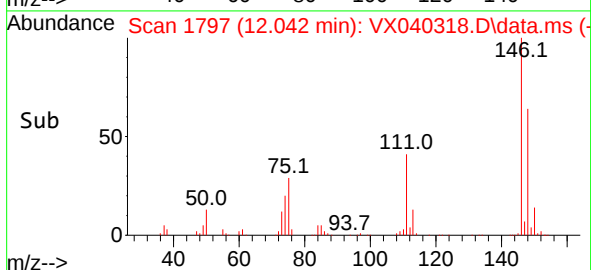
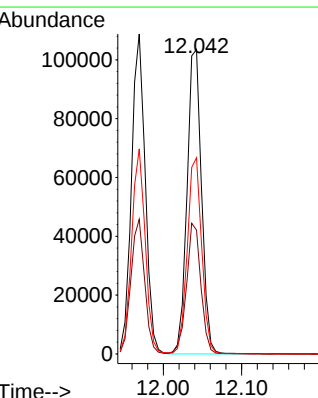
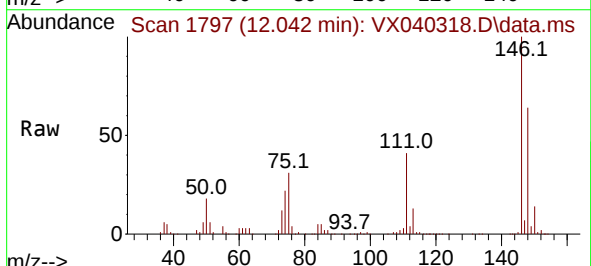
Tgt Ion:146 Resp: 133282

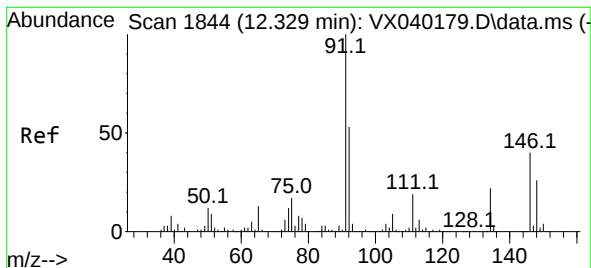
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

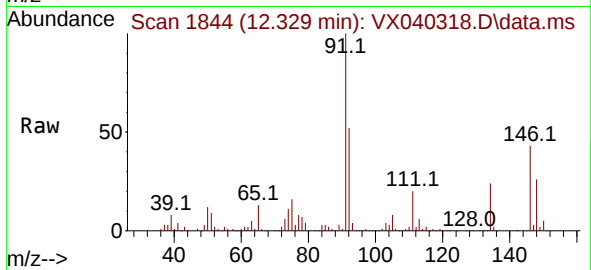
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 53.362 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

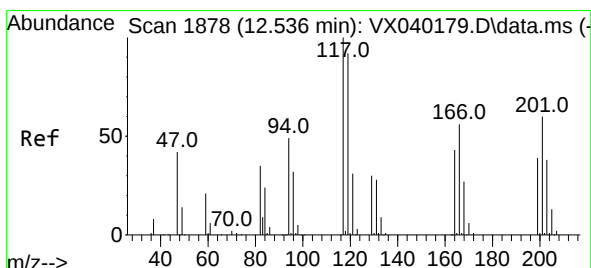
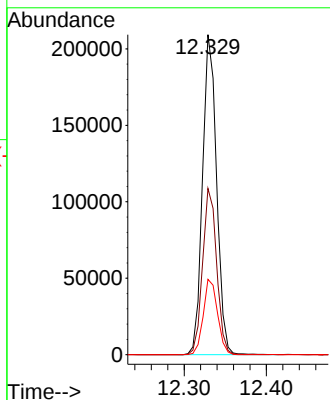
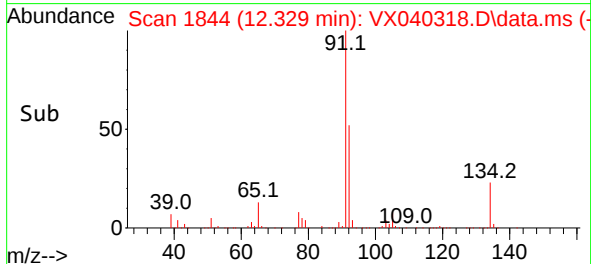
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 248434
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 23.9 12.6 37.8

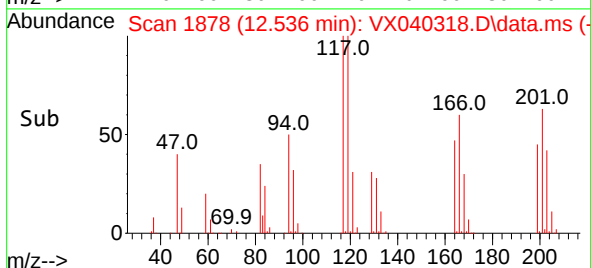
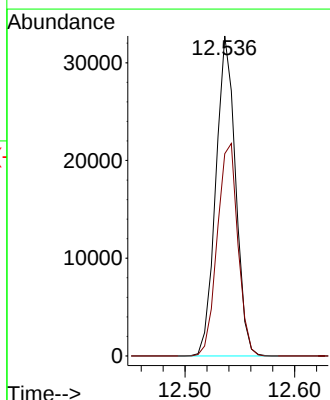
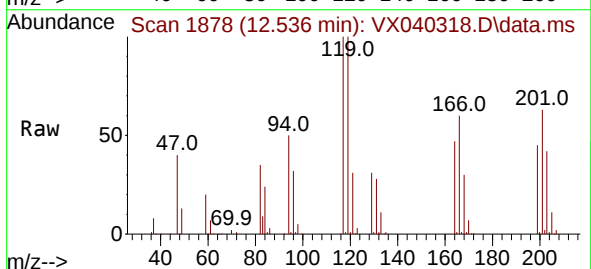
Manual Integrations
APPROVED

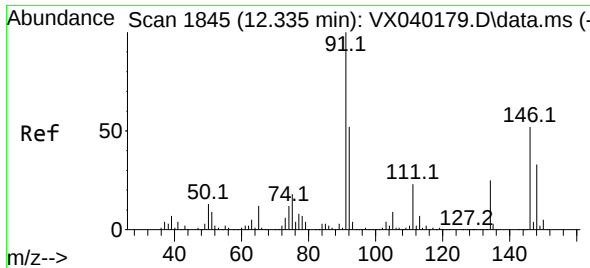
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 53.827 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

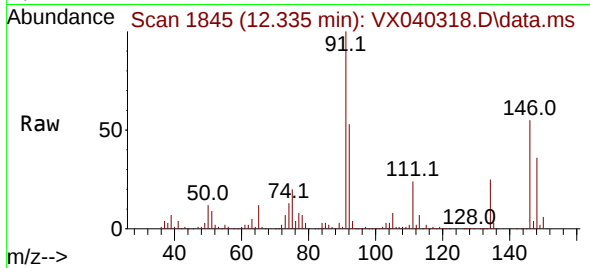
Tgt Ion:117 Resp: 40949
Ion Ratio Lower Upper
117 100
201 69.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.502 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

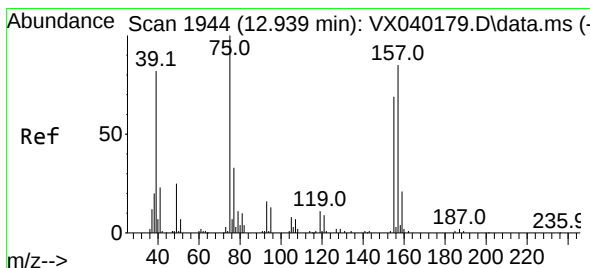
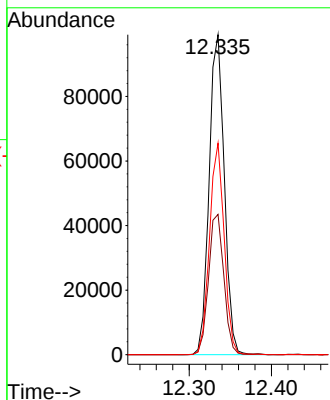
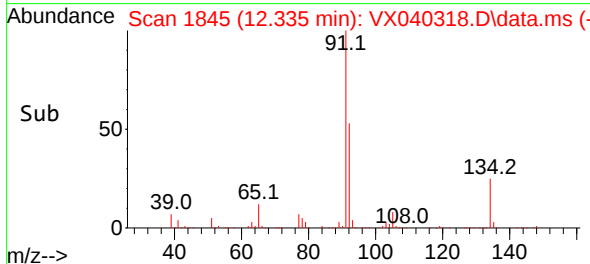
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



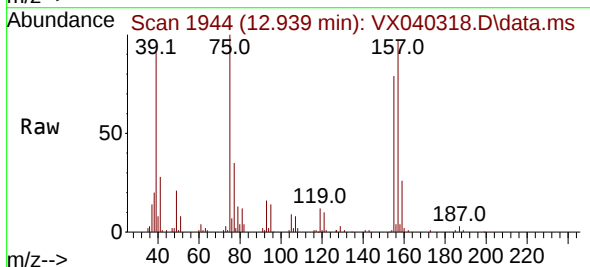
Tgt Ion:146 Resp: 126903
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 63.9 31.6 95.0

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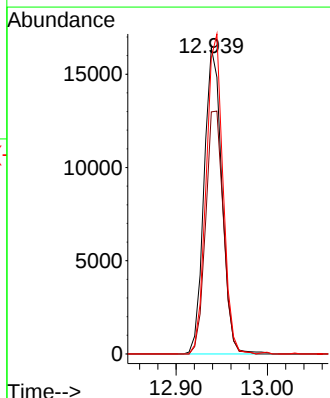
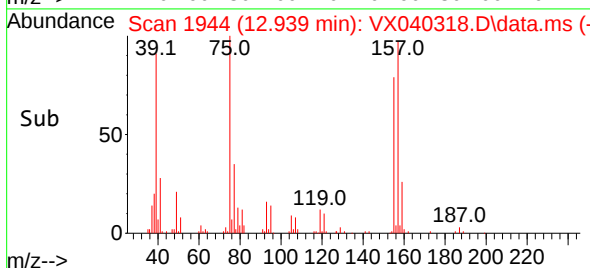
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

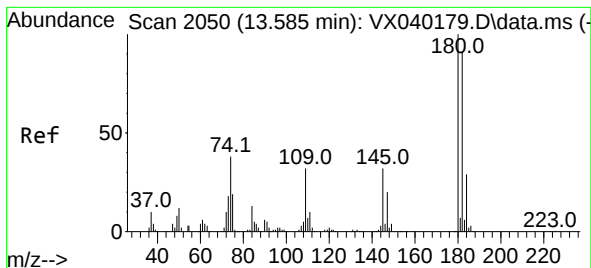


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.274 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08



Tgt Ion: 75 Resp: 22203
Ion Ratio Lower Upper
75 100
155 78.6 36.1 108.5
157 98.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.984 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

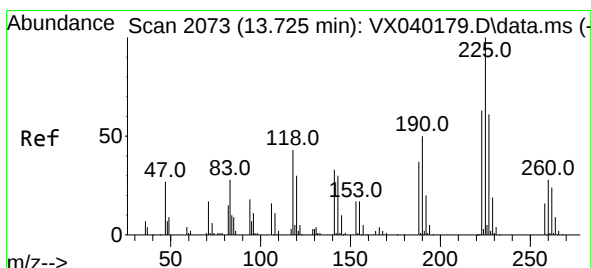
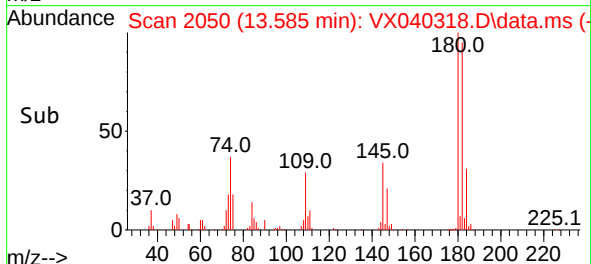
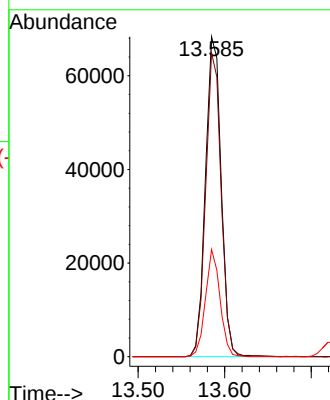
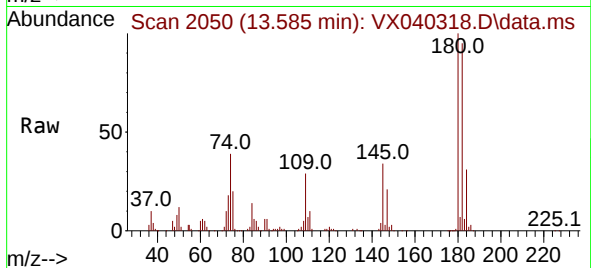
Tgt Ion:180	Resp:	85989
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.3 144.8
145	31.1	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 51.539 ug/l

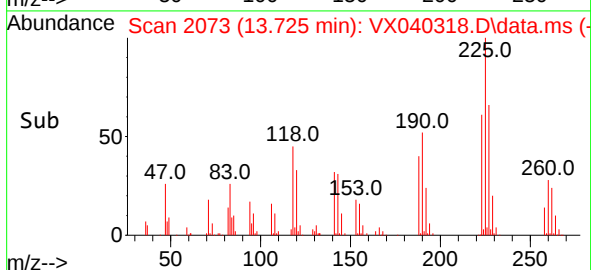
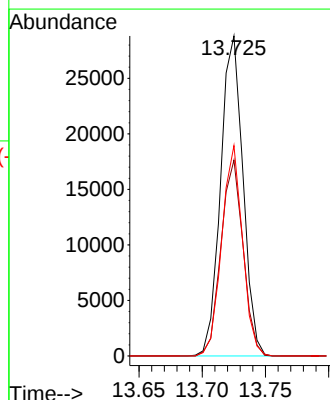
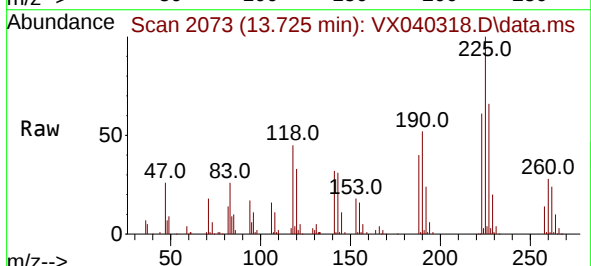
RT: 13.725 min Scan# 2073

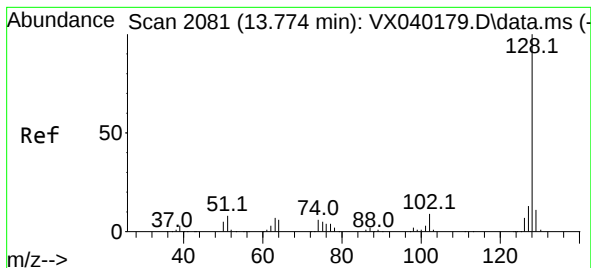
Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

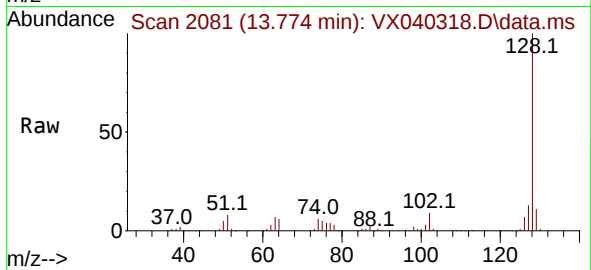
Tgt Ion:225	Resp:	35387
Ion Ratio	Lower	Upper
225	100	
223	60.3	31.1 93.2
227	61.1	32.5 97.5





#95
Naphthalene
Concen: 50.283 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

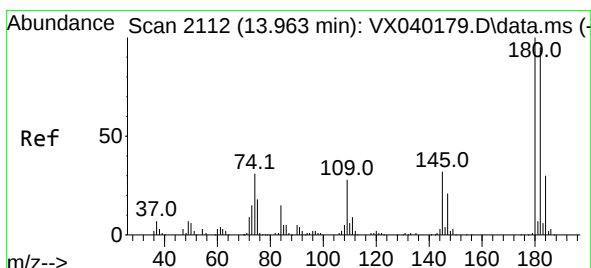
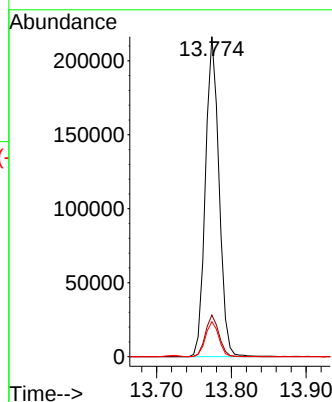
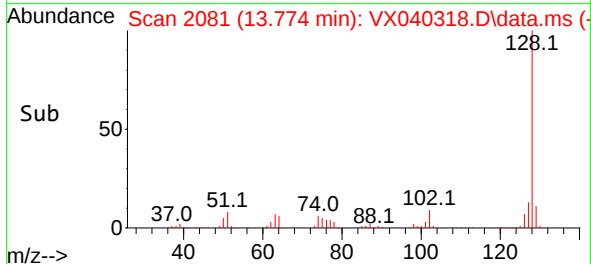
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



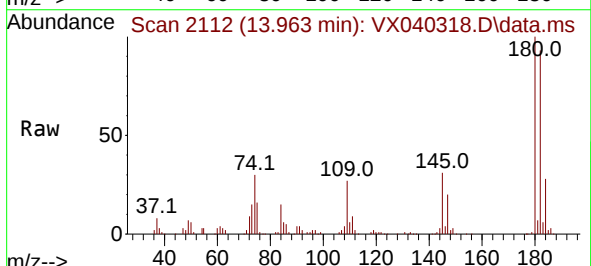
Tgt Ion:128 Resp: 273214
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.495 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08



Tgt Ion:180 Resp: 82803
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 33.5 17.8 53.5

