

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040131.D
 Acq On : 06 Feb 2024 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 00:31:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63292	41.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.320%		
35) Dibromofluoromethane	5.385	113	50037	42.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.740%		
50) Toluene-d8	8.647	98	200290	45.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.780%#		
62) 4-Bromofluorobenzene	11.079	95	76241	45.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	62316	57.905	ug/l	97
3) Chloromethane	1.295	50	46927	45.980	ug/l	98
4) Vinyl Chloride	1.374	62	42561	45.091	ug/l	96
5) Bromomethane	1.593	94	39048	42.555	ug/l	98
6) Chloroethane	1.685	64	26533	42.579	ug/l	98
7) Trichlorofluoromethane	1.886	101	58812	39.161	ug/l	97
8) Diethyl Ether	2.130	74	23892	44.999	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	52591	46.934	ug/l	98
10) Methyl Iodide	2.447	142	68124	57.112	ug/l	94
11) Tert butyl alcohol	2.959	59	73791	264.472	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	49520	46.080	ug/l	89
13) Acrolein	2.233	56	46468	173.829	ug/l	100
14) Allyl chloride	2.660	41	98582	50.892	ug/l	97
15) Acrylonitrile	3.056	53	184902	264.554	ug/l	99
16) Acetone	2.374	43	172013	238.747	ug/l	95
17) Carbon Disulfide	2.508	76	142397	45.320	ug/l	99
18) Methyl Acetate	2.697	43	103443	60.605	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196215	53.301	ug/l	100
20) Methylene Chloride	2.788	84	64188	50.132	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	59381	50.174	ug/l	94
22) Diisopropyl ether	3.758	45	191453	51.024	ug/l	92
23) Vinyl Acetate	3.715	43	846129	251.970	ug/l	98
24) 1,1-Dichloroethane	3.605	63	96726	45.010	ug/l	99
25) 2-Butanone	4.550	43	216795	216.461	ug/l	99
26) 2,2-Dichloropropane	4.471	77	79988	47.703	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	61703	46.725	ug/l	96
28) Bromochloromethane	4.898	49	44314	44.222	ug/l	95
29) Tetrahydrofuran	5.001	42	147442	231.531	ug/l	100
30) Chloroform	5.093	83	101101	43.812	ug/l	96
31) Cyclohexane	5.471	56	88752	46.077	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	93202	47.063	ug/l	99
36) 1,1-Dichloropropene	5.690	75	82455	48.848	ug/l	99
37) Ethyl Acetate	4.702	43	83530	45.312	ug/l	98
38) Carbon Tetrachloride	5.672	117	79664	49.324	ug/l	93
39) Methylcyclohexane	7.379	83	94719	46.120	ug/l	93
40) Benzene	6.032	78	233831	47.562	ug/l	99

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Quant Time: Feb 07 00:31:12 2024
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45468	48.635	ug/l	94
42) 1,2-Dichloroethane	6.086	62	88730	46.884	ug/l	99
43) Isopropyl Acetate	6.330	43	146412	50.364	ug/l	99
44) Trichloroethene	7.117	130	61017	47.162	ug/l	94
45) 1,2-Dichloropropane	7.422	63	64449	49.650	ug/l	96
46) Dibromomethane	7.580	93	47665	48.921	ug/l	98
47) Bromodichloromethane	7.818	83	88973	51.272	ug/l	98
48) Methyl methacrylate	7.690	41	77950	54.432	ug/l	93
49) 1,4-Dioxane	7.653	88	32787	1053.591	ug/l #	88
51) 4-Methyl-2-Pentanone	8.568	43	535655	269.923	ug/l	100
52) Toluene	8.714	92	155801	50.844	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	95478	53.050	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	103182	53.728	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	65389	51.553	ug/l	97
56) Ethyl methacrylate	9.116	69	105245	56.821	ug/l	96
57) 1,3-Dichloropropane	9.305	76	110802	53.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	257399	276.355	ug/l	99
59) 2-Hexanone	9.427	43	420149	265.538	ug/l	100
60) Dibromochloromethane	9.519	129	67047	52.607	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66929	48.807	ug/l	100
64) Tetrachloroethene	9.269	164	53697	51.066	ug/l	96
65) Chlorobenzene	10.080	112	170314	50.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	53173	47.136	ug/l	97
67) Ethyl Benzene	10.189	91	303405	50.624	ug/l	99
68) m/p-Xylenes	10.299	106	235847	104.601	ug/l	98
69) o-Xylene	10.640	106	100894	47.174	ug/l	98
70) Styrene	10.653	104	173039	48.004	ug/l	99
71) Bromoform	10.799	173	43290	47.426	ug/l #	100
73) Isopropylbenzene	10.964	105	292638	49.003	ug/l	99
74) N-amyl acetate	10.842	43	142187	49.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	100442	44.736	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	85081m	48.041	ug/l	
77) Bromobenzene	11.195	156	62248	45.188	ug/l	99
78) n-propylbenzene	11.305	91	354517	48.242	ug/l	99
79) 2-Chlorotoluene	11.360	91	213415	48.239	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	252750	49.236	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27018	48.351	ug/l	94
82) 4-Chlorotoluene	11.451	91	247916	48.824	ug/l	98
83) tert-Butylbenzene	11.713	119	247497	50.383	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	261032	50.958	ug/l	98
85) sec-Butylbenzene	11.890	105	315449	48.470	ug/l	99
86) p-Isopropyltoluene	12.006	119	257245	48.405	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140175	50.441	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	142575	50.119	ug/l	100
89) n-Butylbenzene	12.329	91	242805	47.071	ug/l	97
90) Hexachloroethane	12.536	117	42439	48.964	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	134784	50.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26302	51.680	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	86425	51.598	ug/l	98
94) Hexachlorobutadiene	13.725	225	28999	43.952	ug/l	96
95) Naphthalene	13.774	128	306613	53.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83949	50.691	ug/l	99

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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

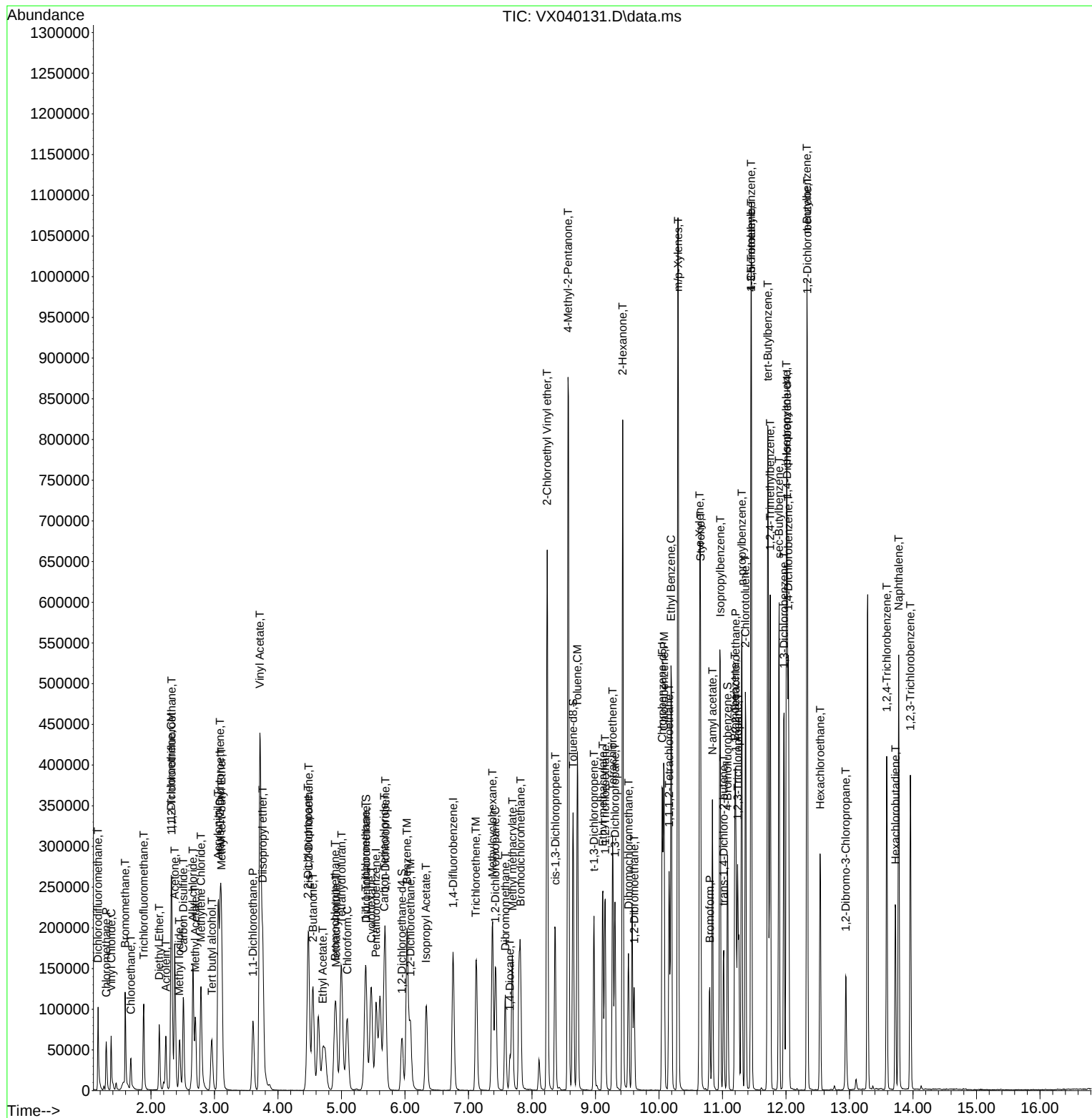
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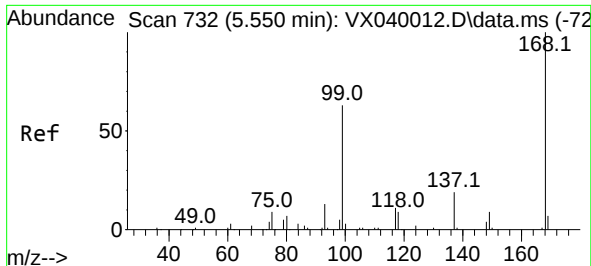
Instrument :
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Manual Integrations APPROVED

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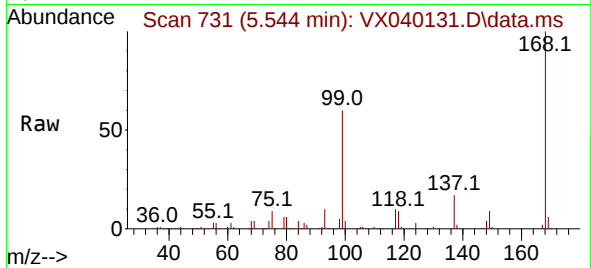
Quant Time: Feb 07 00:31:12 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040131.D
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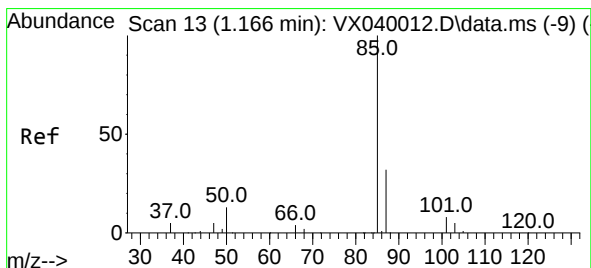
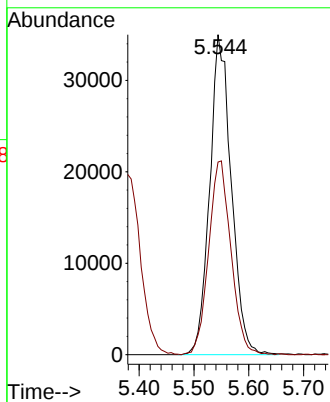
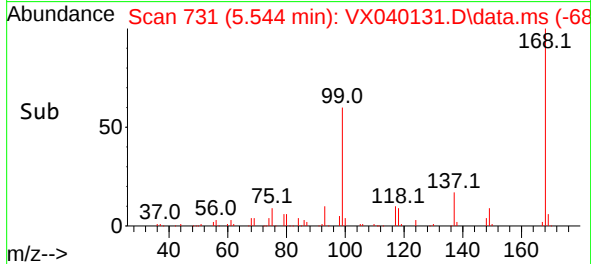
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 95540
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0

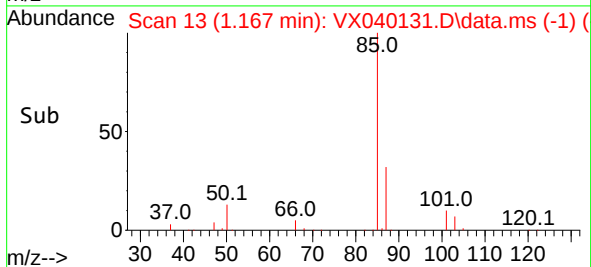
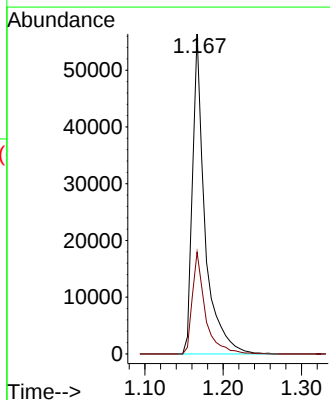
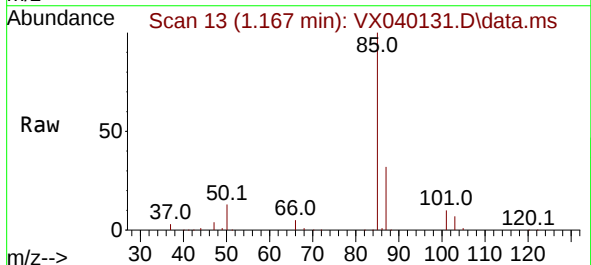
Manual Integrations
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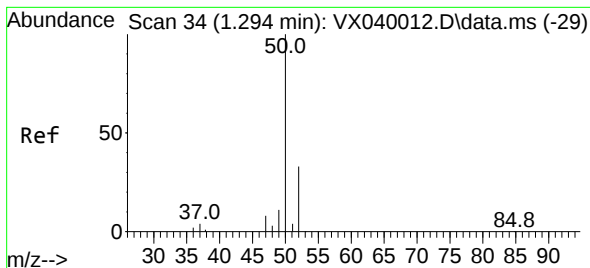
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#2
Dichlorodifluoromethane
Concen: 57.905 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 85 Resp: 62316
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





#3

Chloromethane

Concen: 45.980 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 4692

Ion Ratio Lower Upper

50 100

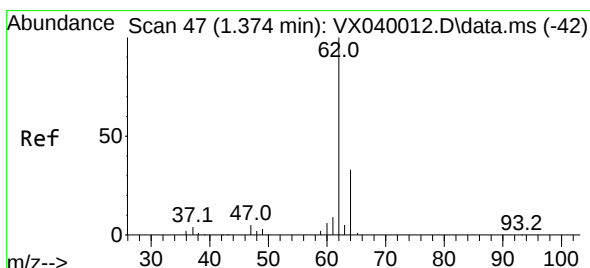
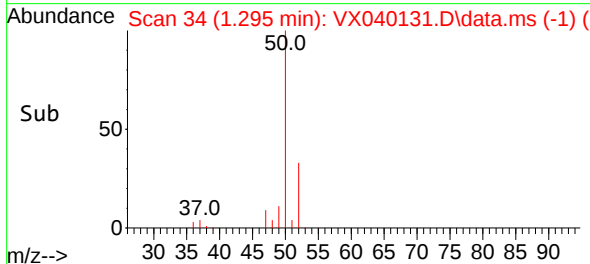
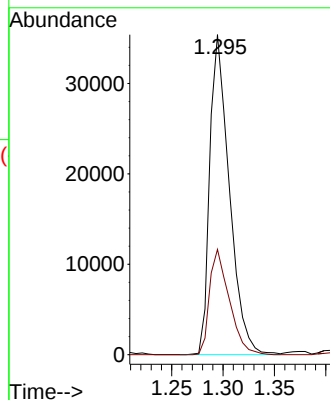
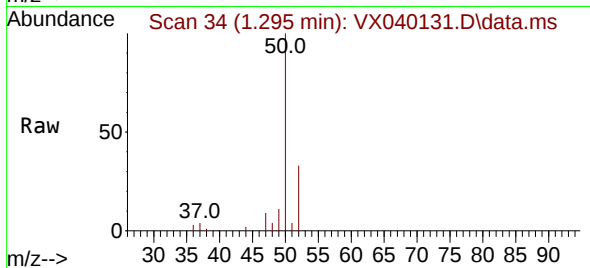
52 32.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.091 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040131.D

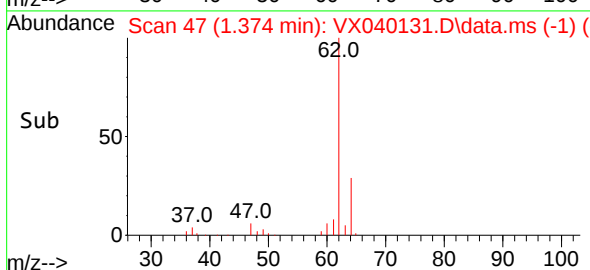
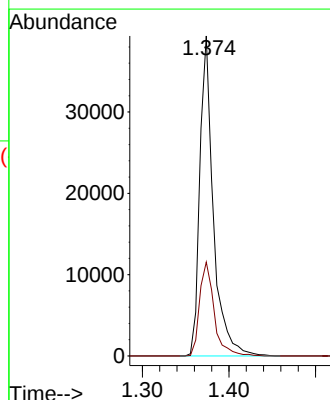
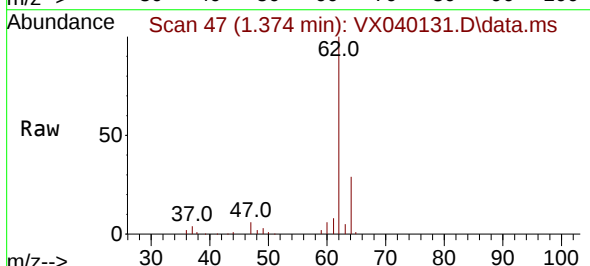
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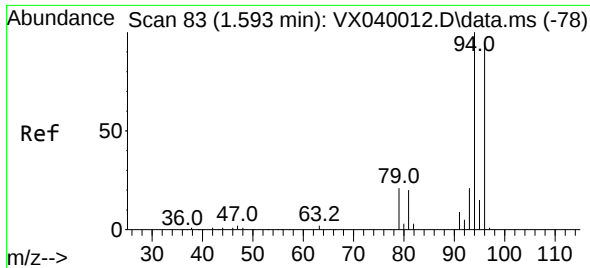
Tgt Ion: 62 Resp: 42561

Ion Ratio Lower Upper

62 100

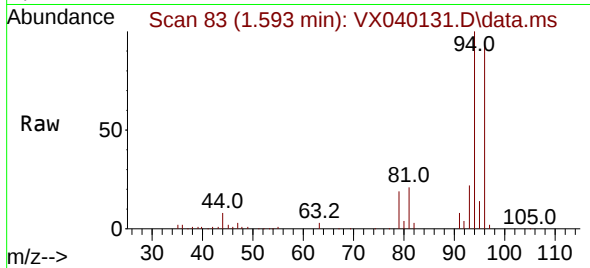
64 29.4 25.4 38.0





#5
Bromomethane
Concen: 42.555 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

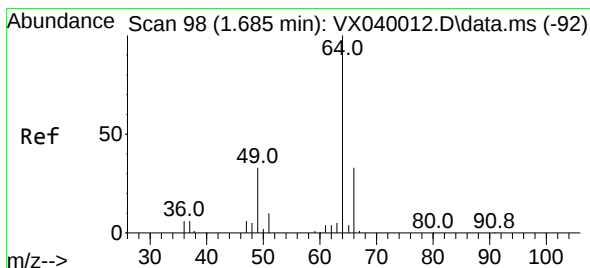
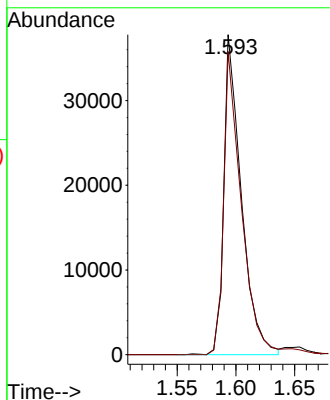
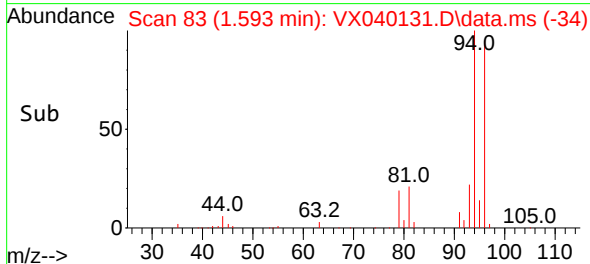
Instrument :
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Tgt Ion: 94 Resp: 39048
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8

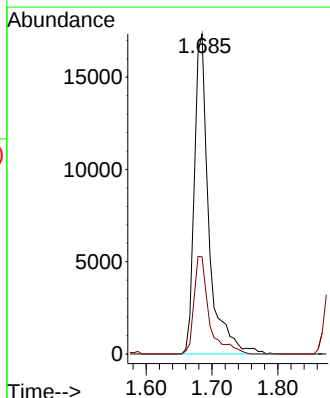
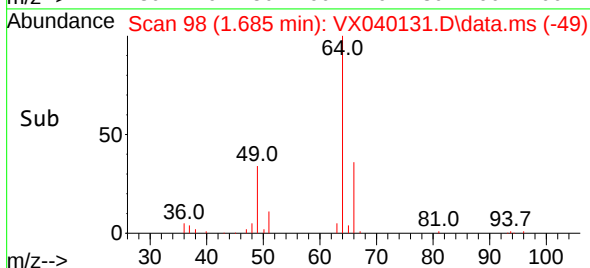
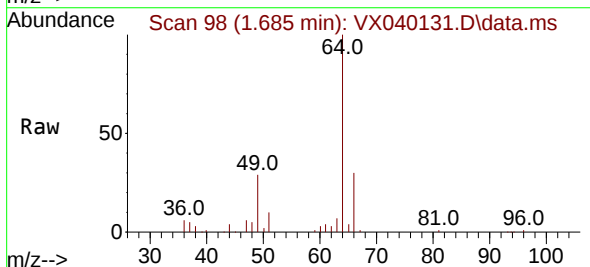
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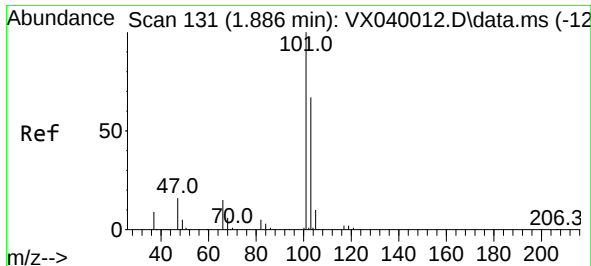
Reviewed By :John Carlone 02/07/2024
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#6
Chloroethane
Concen: 42.579 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

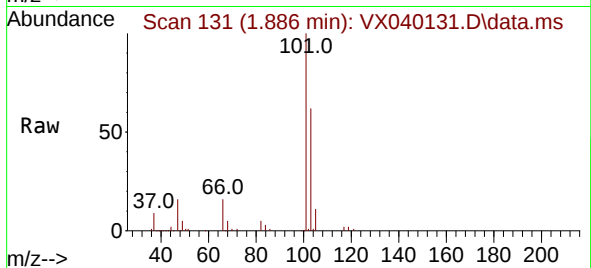
Tgt Ion: 64 Resp: 26533
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 39.161 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

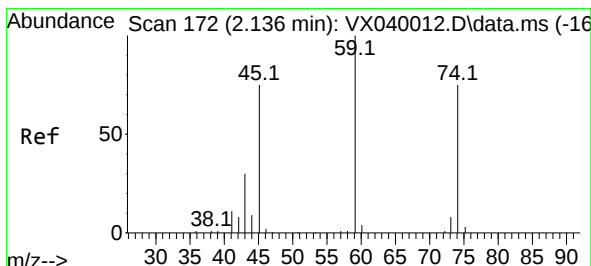
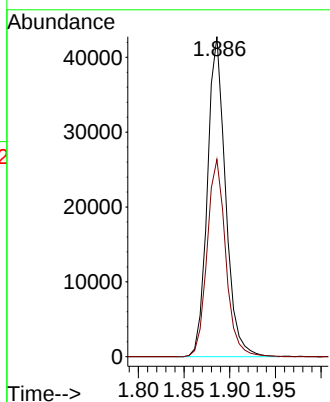
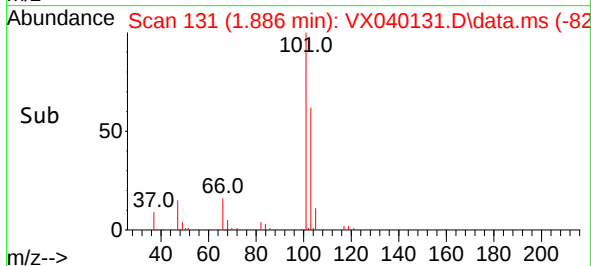
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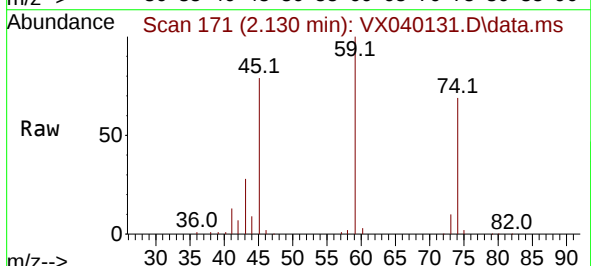
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Ion Ratio Lower Upper
101 100
103 61.6 51.4 77.2

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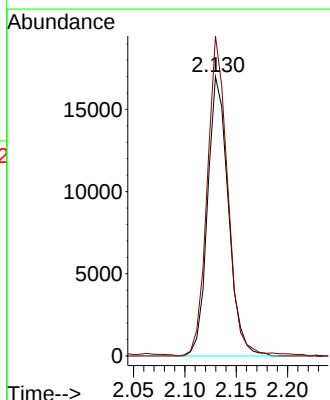
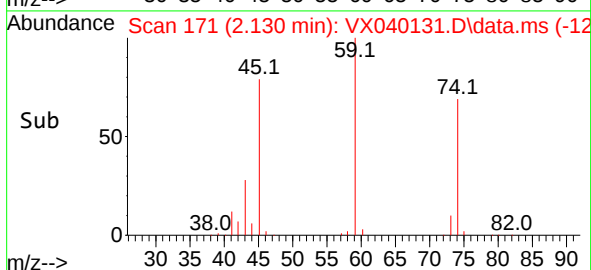
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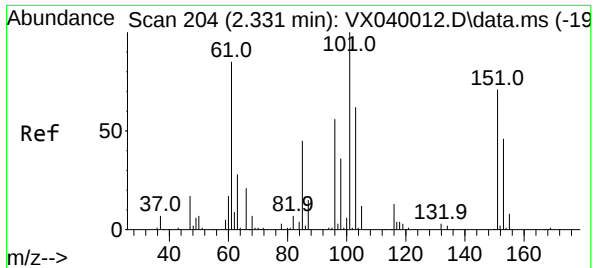


#8
Diethyl Ether
Concen: 44.999 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47



Tgt Ion: 74 Resp: 23892
Ion Ratio Lower Upper
74 100
45 113.2 53.3 159.8





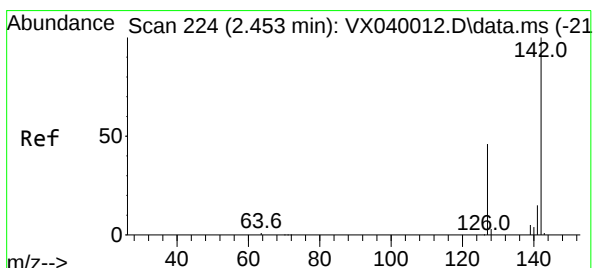
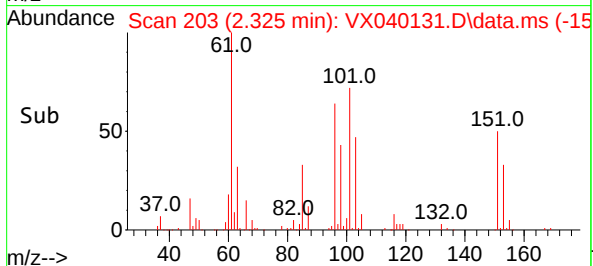
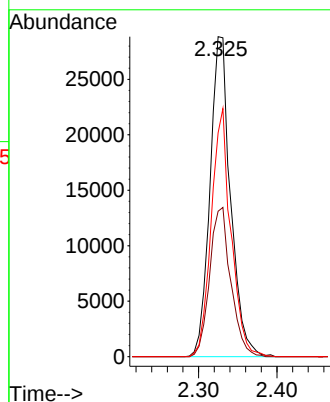
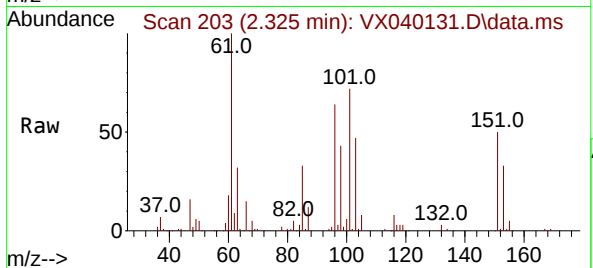
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.934 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5259
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 74.0 58.6 87.8

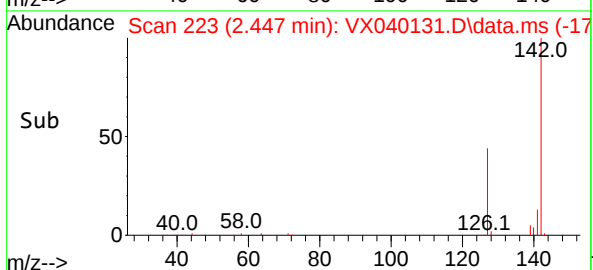
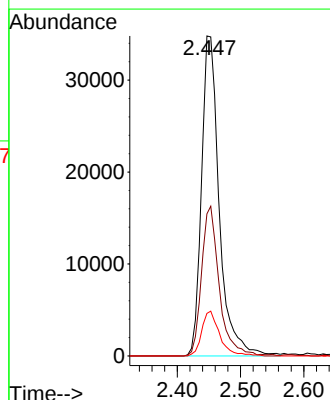
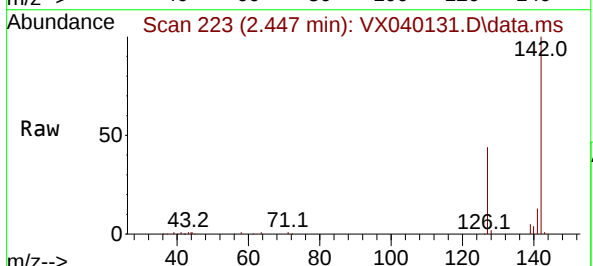
Manual Integrations
APPROVED

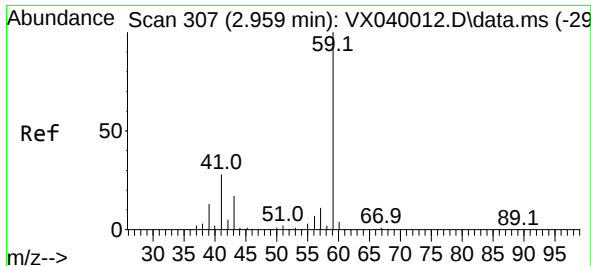
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#10
Methyl Iodide
Concen: 57.112 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

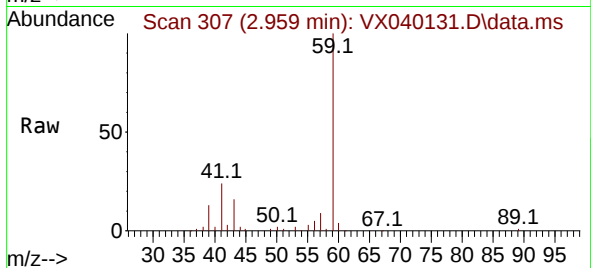
Tgt Ion:142 Resp: 68124
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 264.472 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

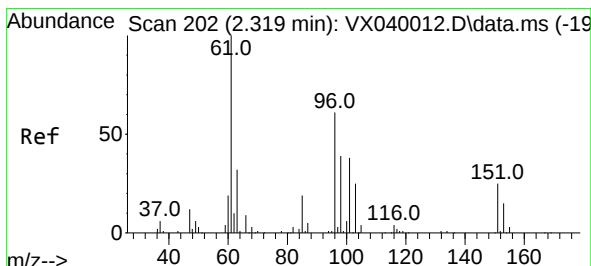
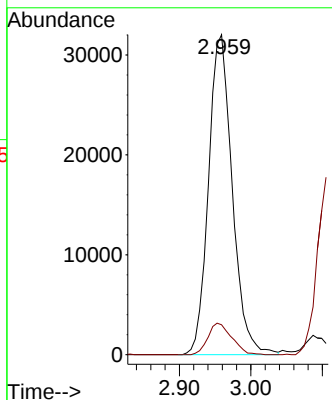
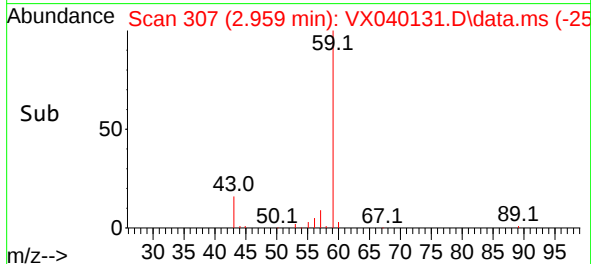
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



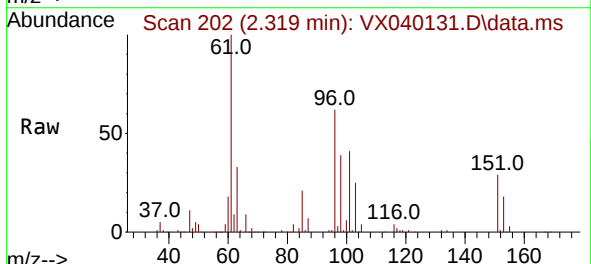
Tgt Ion: 59 Resp: 7379
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

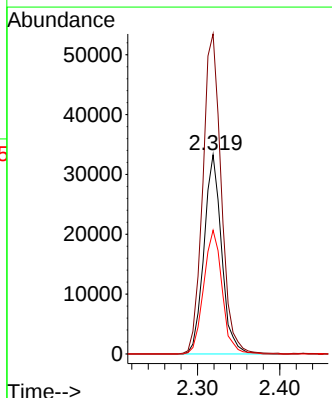
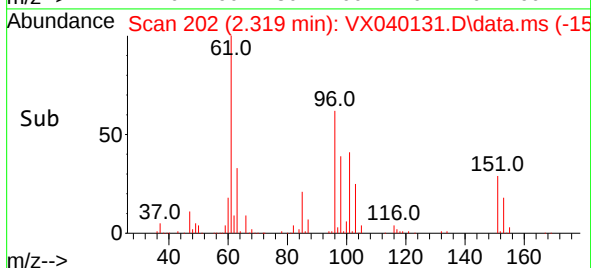
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

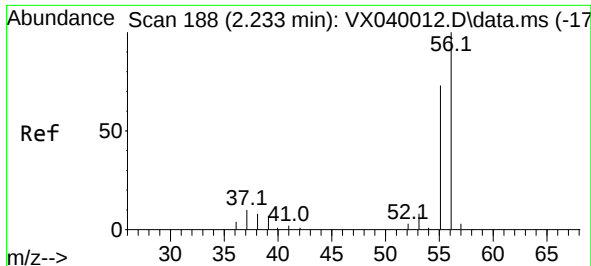


#12
1,1-Dichloroethene
Concen: 46.080 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47



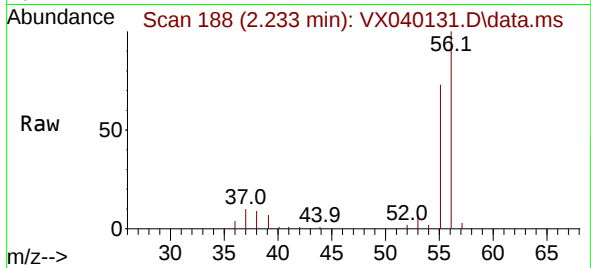
Tgt Ion: 96 Resp: 49520
Ion Ratio Lower Upper
96 100
61 160.6 144.6 216.8
98 62.1 50.4 75.6





#13
Acrolein
Concen: 173.829 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

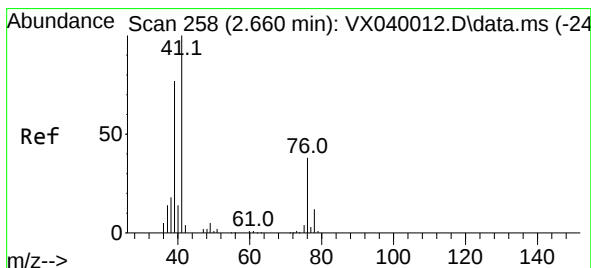
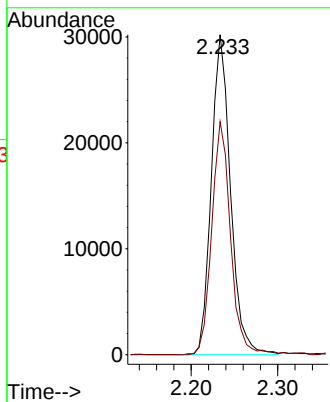
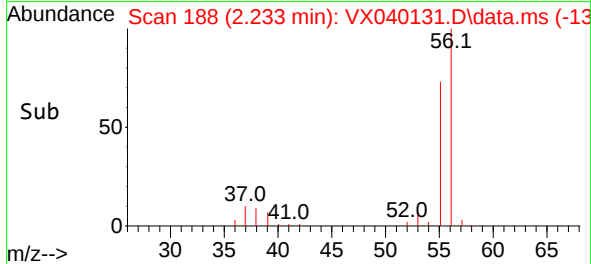
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 46468
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

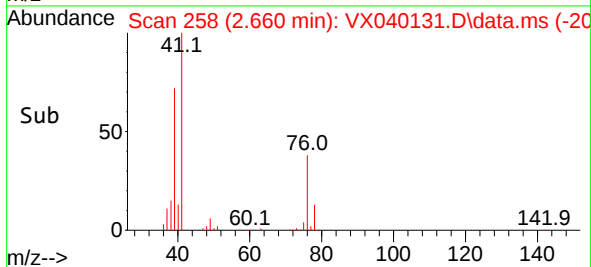
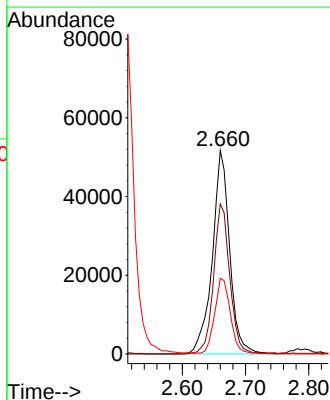
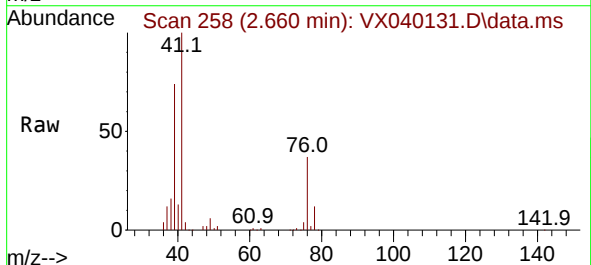
Manual Integrations
APPROVED

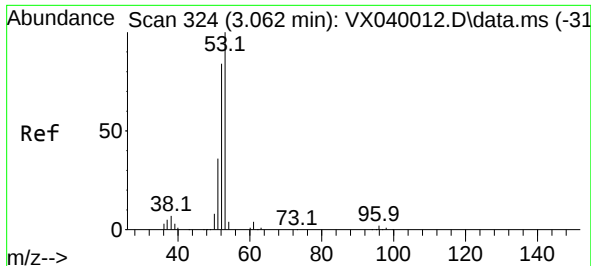
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#14
Allyl chloride
Concen: 50.892 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

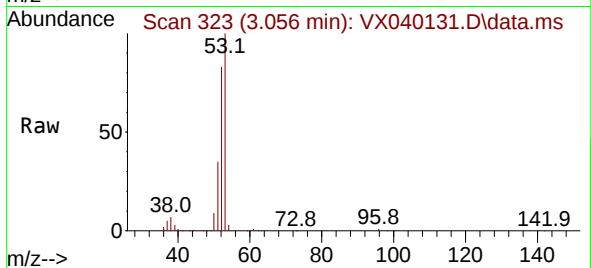
Tgt Ion: 41 Resp: 98582
Ion Ratio Lower Upper
41 100
39 68.7 55.8 83.6
76 33.7 24.3 36.5





#15
Acrylonitrile
Concen: 264.554 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

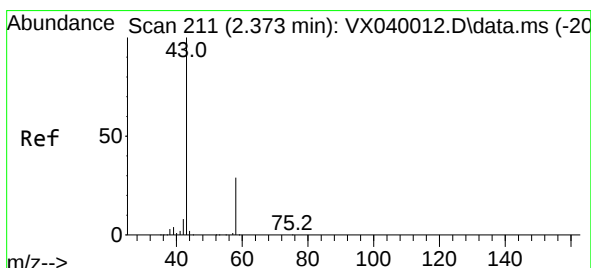
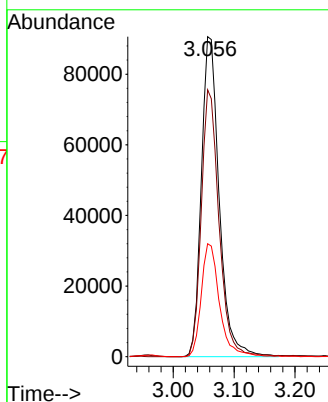
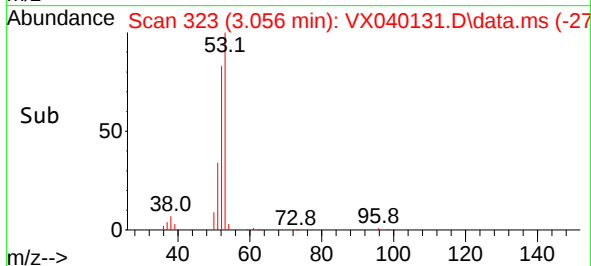
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18490
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.2 29.8 44.6

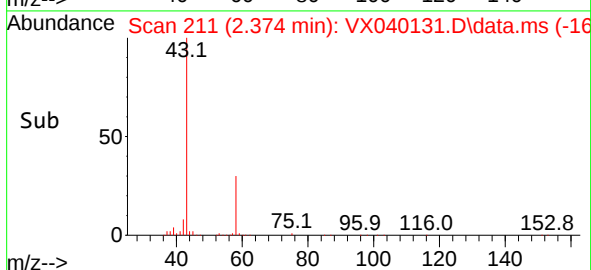
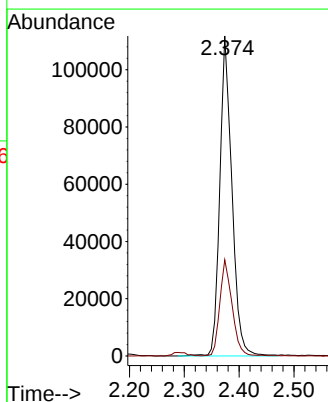
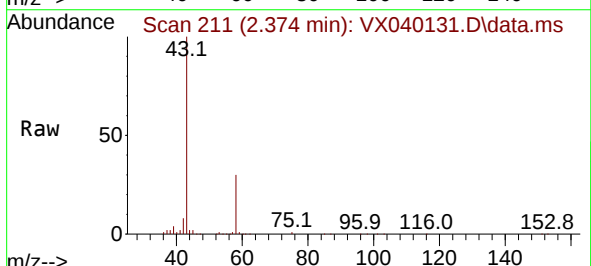
Manual Integrations
APPROVED

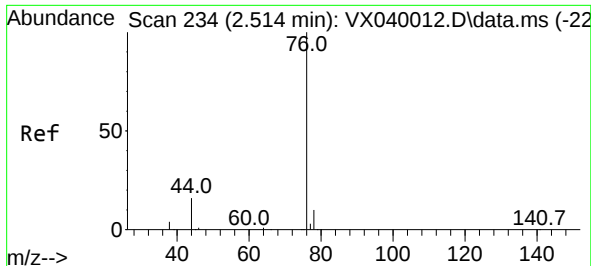
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#16
Acetone
Concen: 238.747 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 43 Resp: 172013
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#17

Carbon Disulfide

Concen: 45.320 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14239

Ion Ratio Lower Upper

76 100

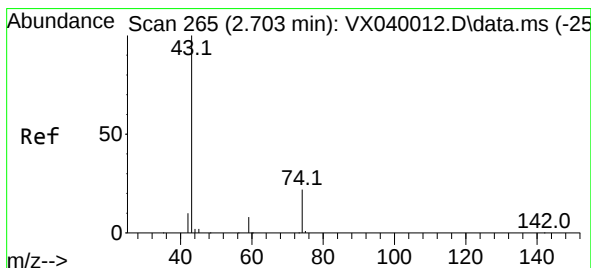
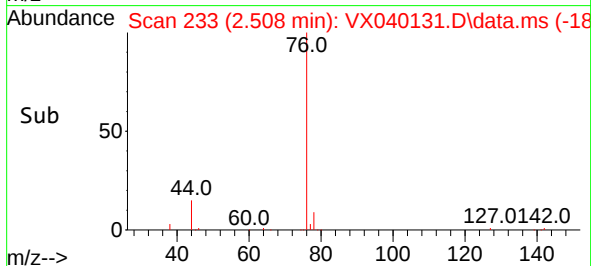
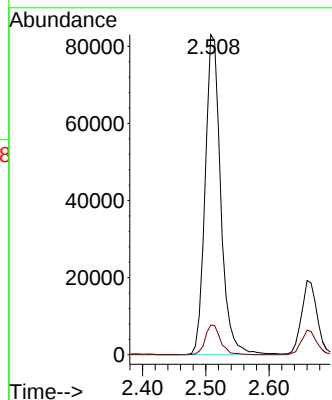
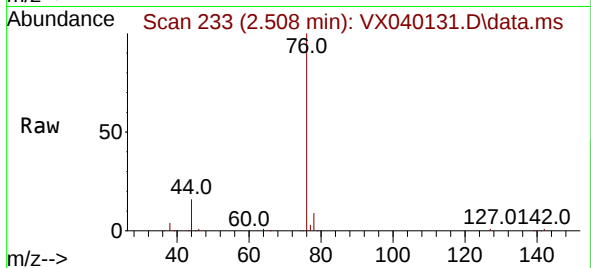
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#18

Methyl Acetate

Concen: 60.605 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX040131.D

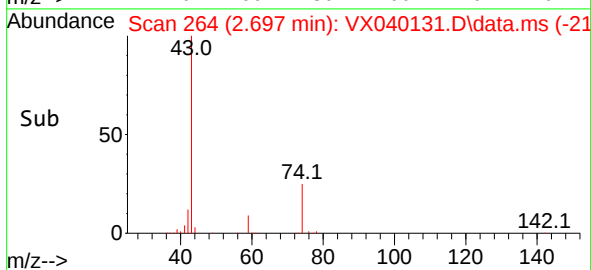
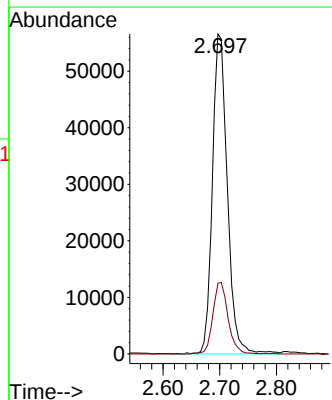
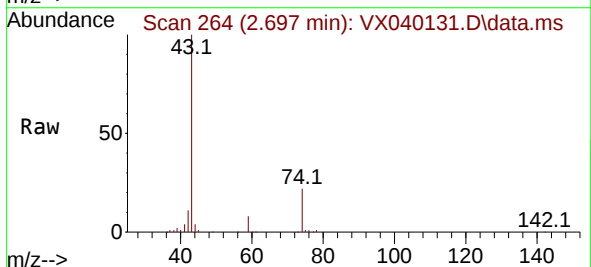
Acq: 06 Feb 2024 10:47

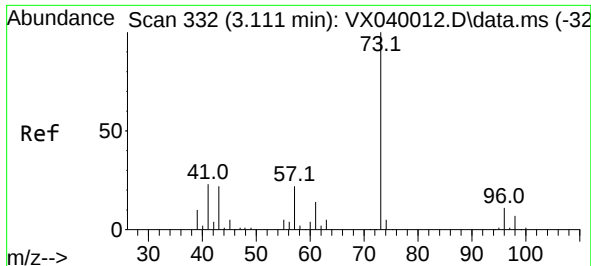
Tgt Ion: 43 Resp: 103443

Ion Ratio Lower Upper

43 100

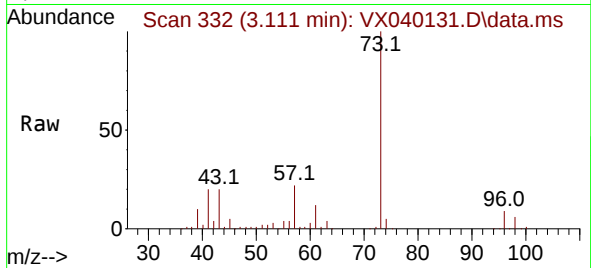
74 22.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 53.301 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

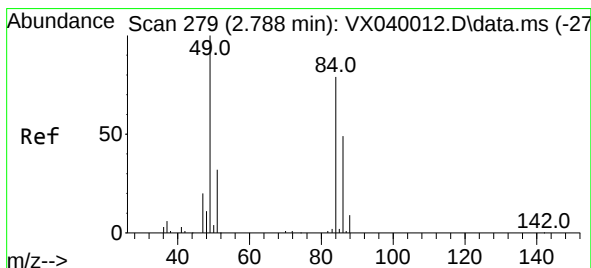
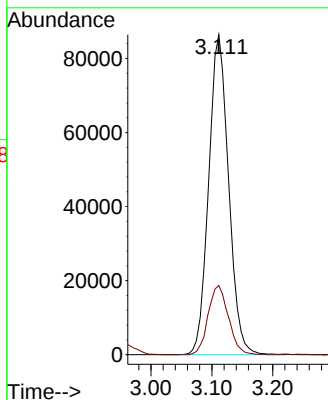
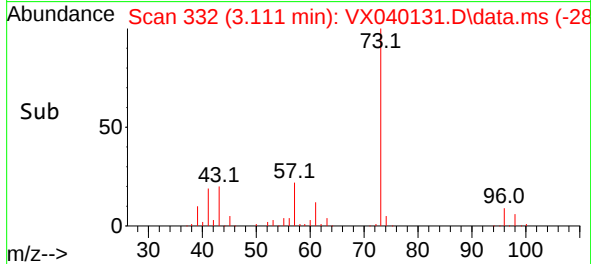
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 196215
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

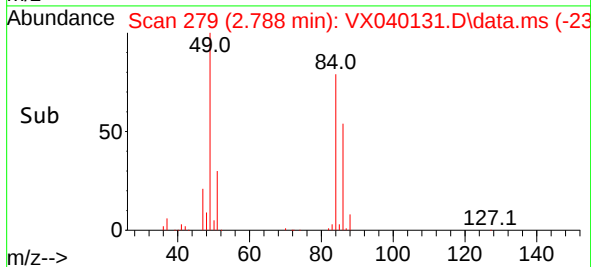
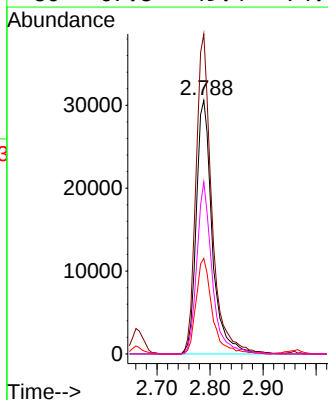
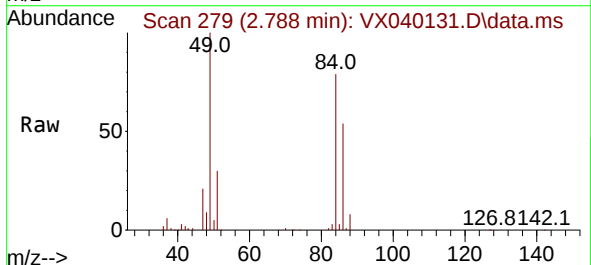
Manual Integrations
APPROVED

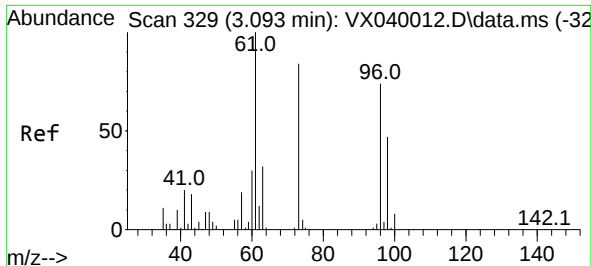
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#20
Methylene Chloride
Concen: 50.132 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

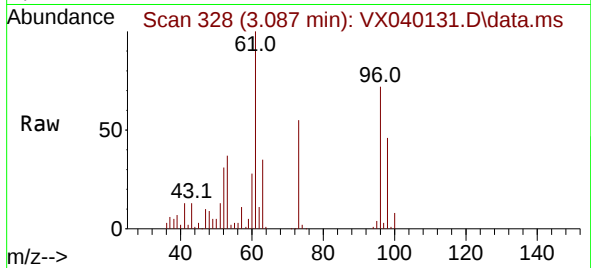
Tgt Ion: 84 Resp: 64188
Ion Ratio Lower Upper
84 100
49 126.2 103.6 155.4
51 37.7 33.8 50.6
86 67.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.174 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

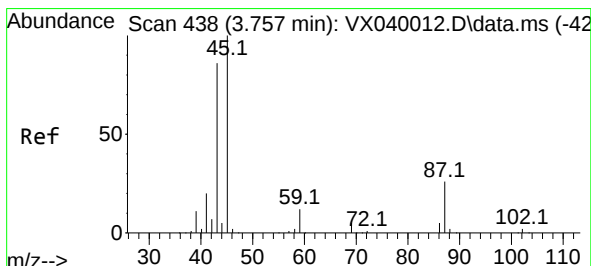
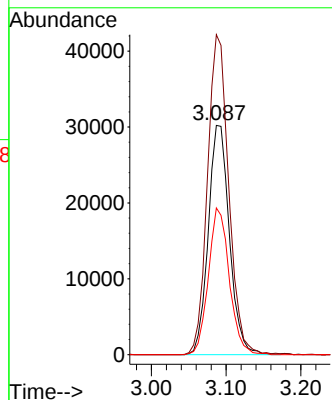
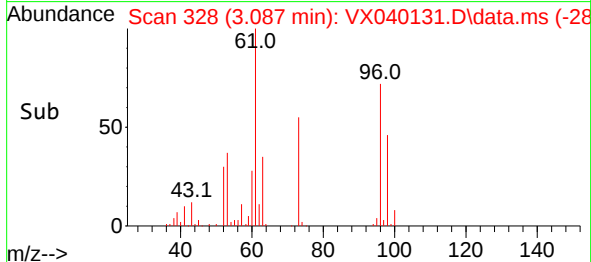
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5938
Ion Ratio Lower Upper
96 100
61 139.5 119.2 178.8
98 64.0 48.7 73.1

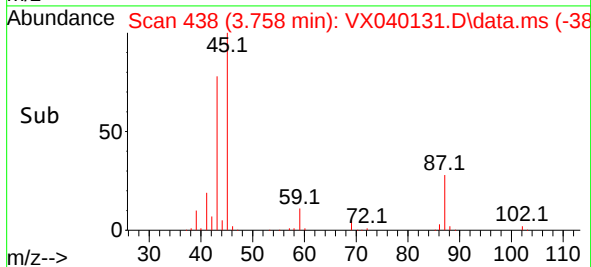
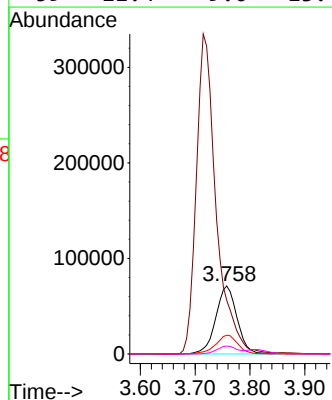
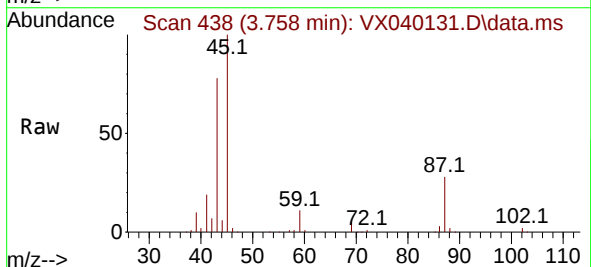
Manual Integrations
APPROVED

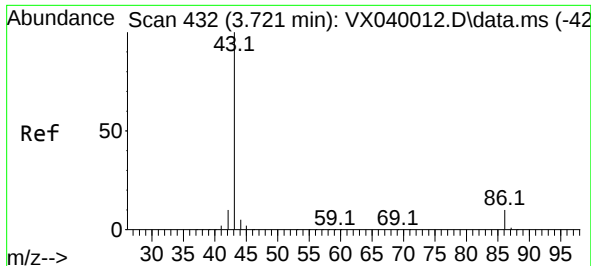
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#22
Diisopropyl ether
Concen: 51.024 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

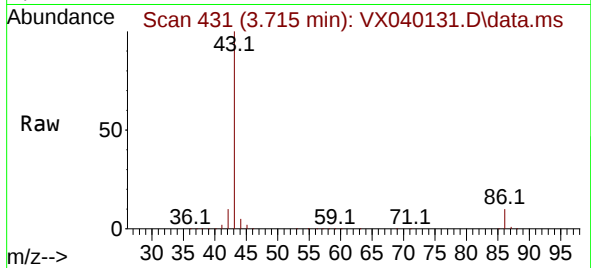
Tgt Ion: 45 Resp: 191453
Ion Ratio Lower Upper
45 100
43 77.7 69.7 104.5
87 27.6 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 251.970 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX040131.D
 Acq: 06 Feb 2024 10:47

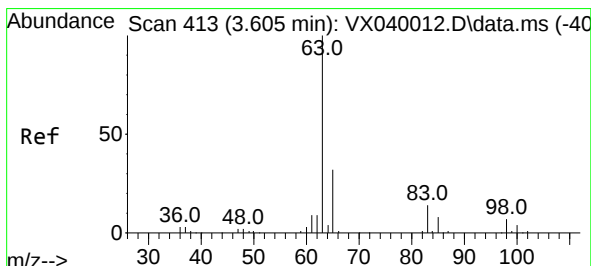
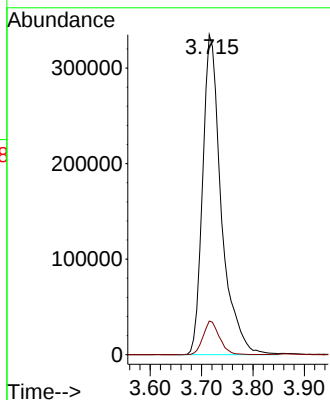
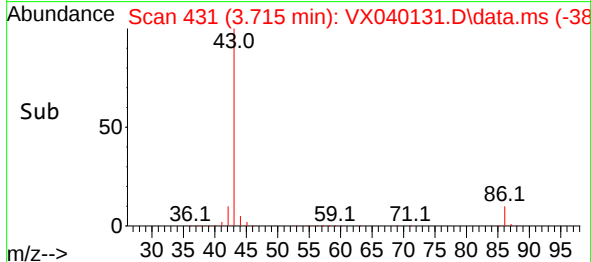
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 846129
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

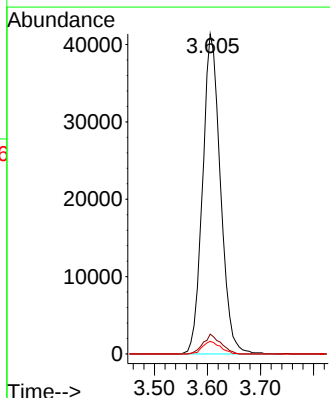
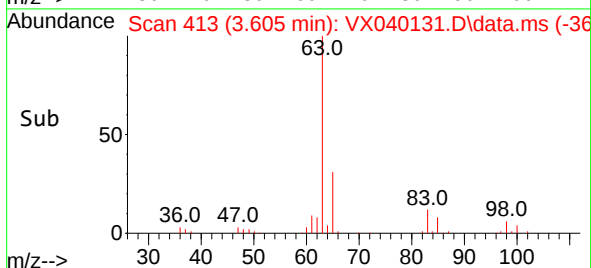
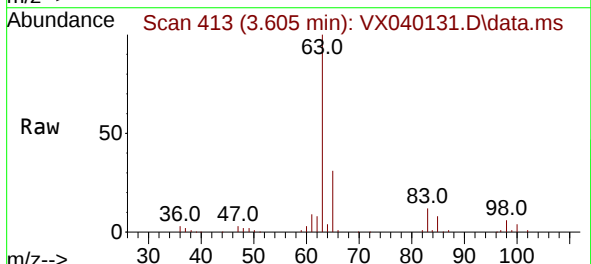
Manual Integrations
 APPROVED

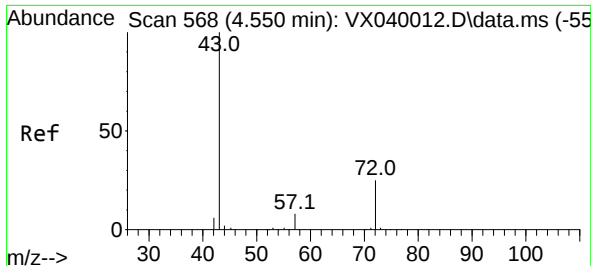
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#24
 1,1-Dichloroethane
 Concen: 45.010 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040131.D
 Acq: 06 Feb 2024 10:47

Tgt Ion: 63 Resp: 96726
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 216.461 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 21679

Ion Ratio Lower Upper

43 100

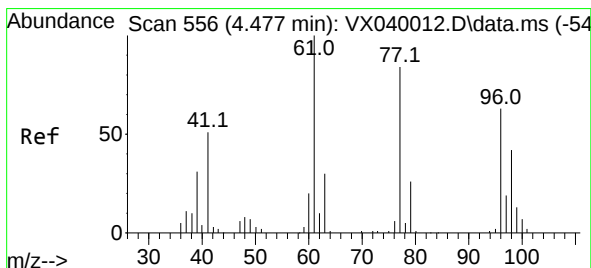
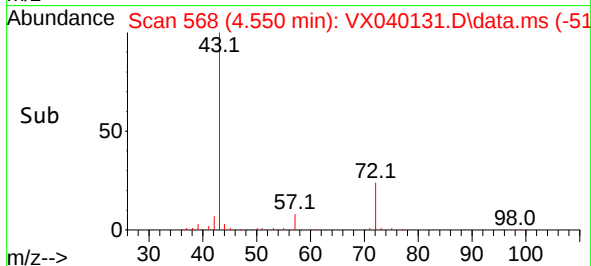
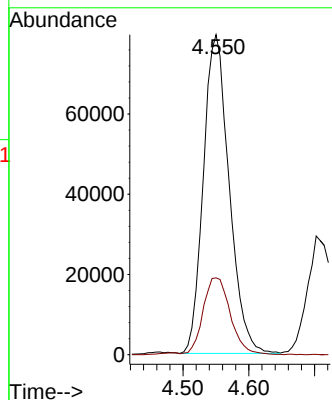
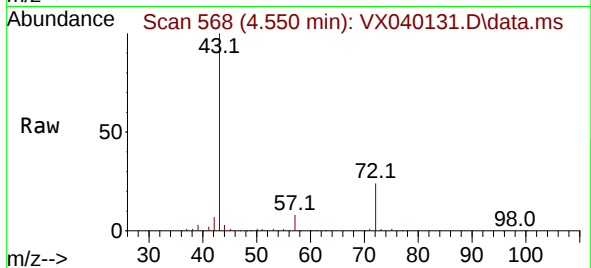
72 24.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#26

2,2-Dichloropropane

Concen: 47.703 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX040131.D

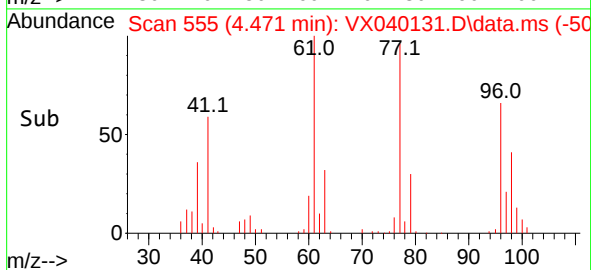
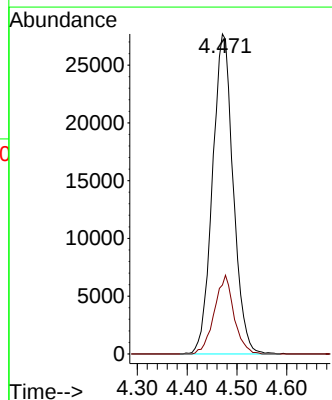
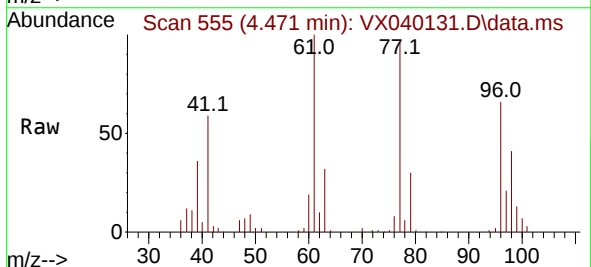
Acq: 06 Feb 2024 10:47

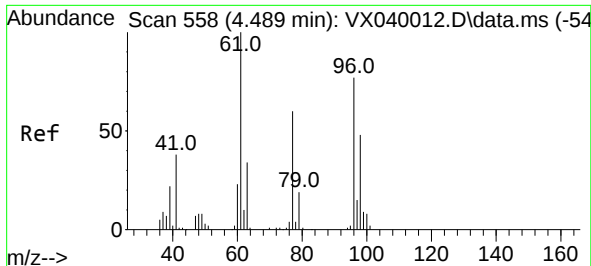
Tgt Ion: 77 Resp: 79988

Ion Ratio Lower Upper

77 100

97 23.2 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 46.725 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

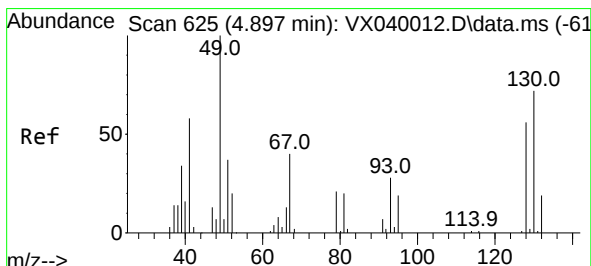
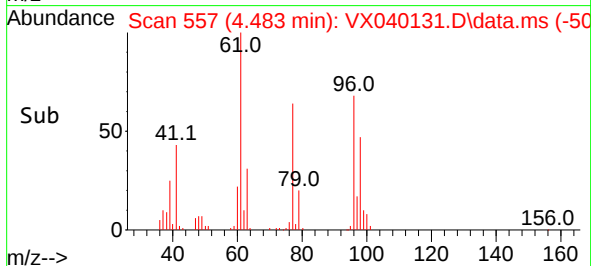
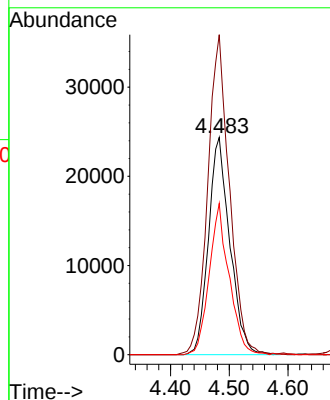
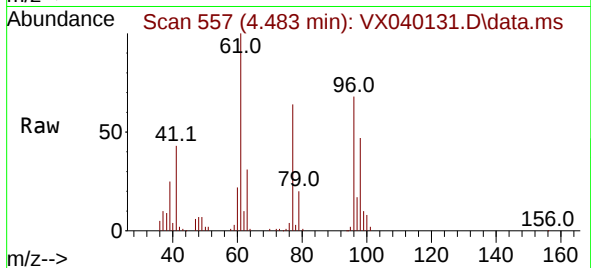
Tgt Ion: 96 Resp: 6170
Ion Ratio Lower Upper
96 100
61 148.8 0.0 312.2
98 64.6 0.0 129.0

Manual Integrations

APPROVED

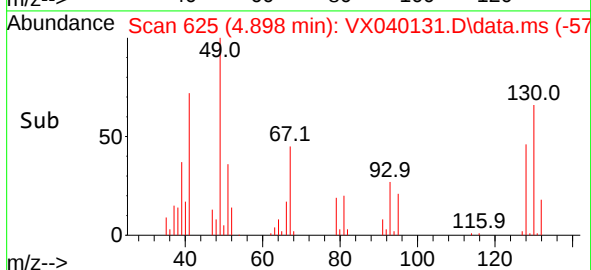
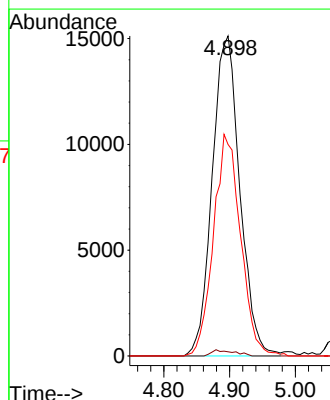
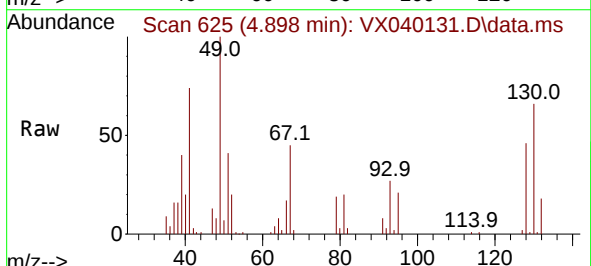
Reviewed By :John Carlone 02/07/2024

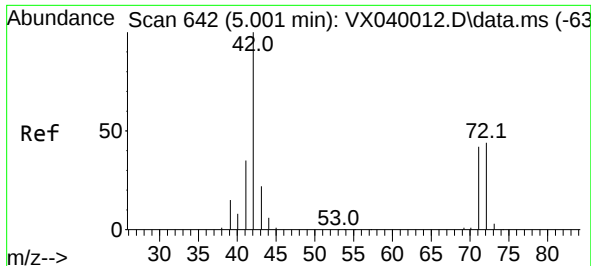
Supervised By :Mahesh Dadoda 02/07/2024



#28
Bromochloromethane
Concen: 44.222 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 49 Resp: 44314
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 67.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 231.531 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14744

Ion Ratio Lower Upper

42 100

72 42.6 34.2 51.4

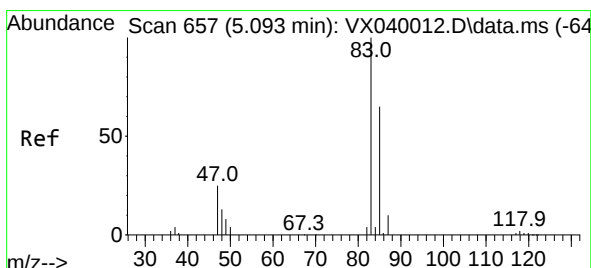
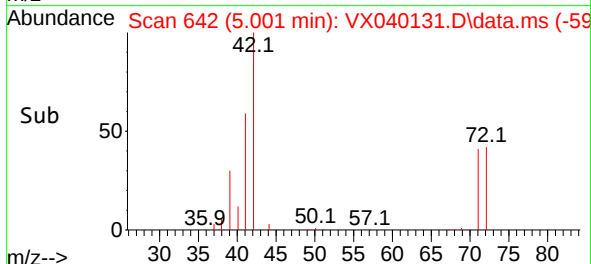
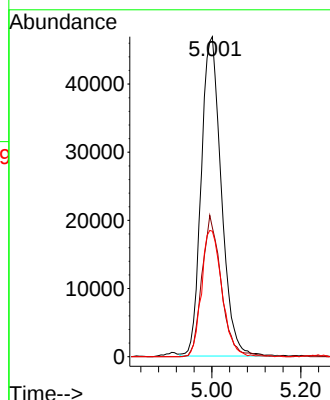
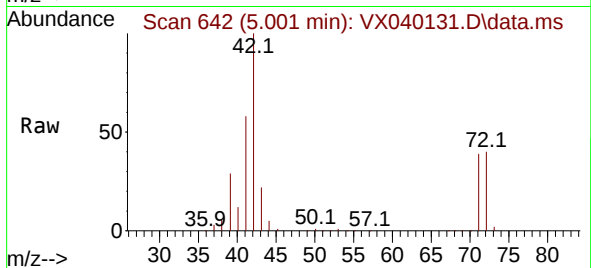
71 40.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#30

Chloroform

Concen: 43.812 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040131.D

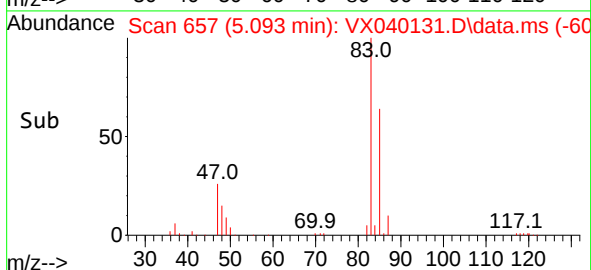
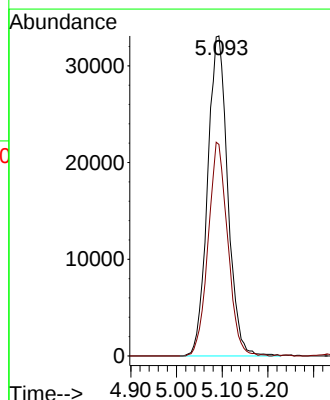
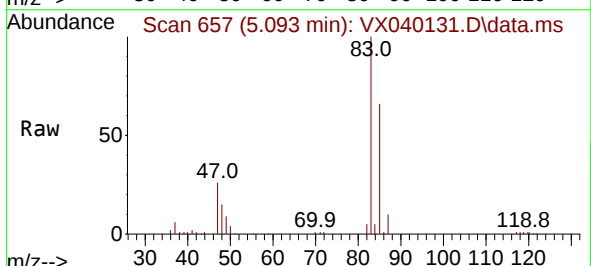
Acq: 06 Feb 2024 10:47

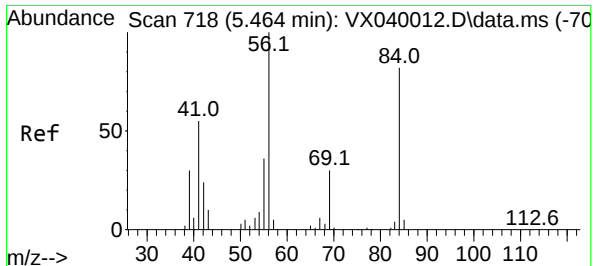
Tgt Ion: 83 Resp: 101101

Ion Ratio Lower Upper

83 100

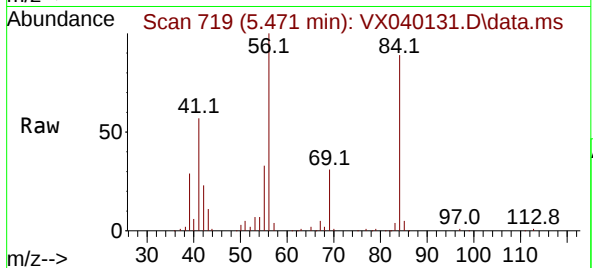
85 66.1 50.3 75.5





#31
Cyclohexane
Concen: 46.077 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

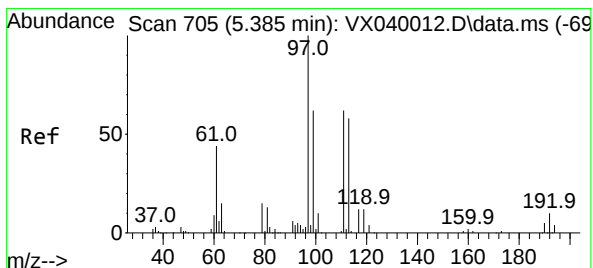
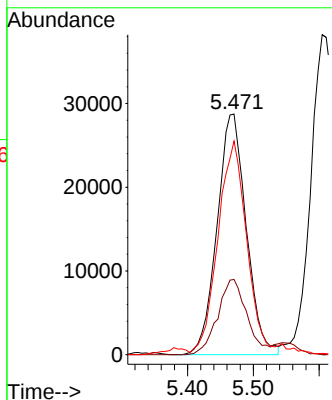
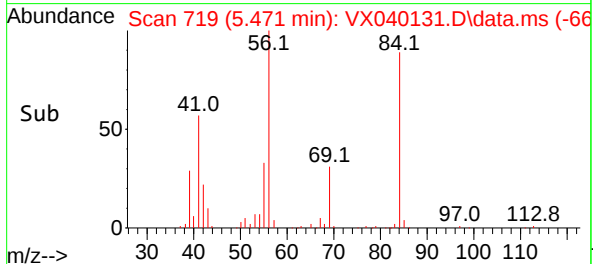
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 88752
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 86.4 65.9 98.9

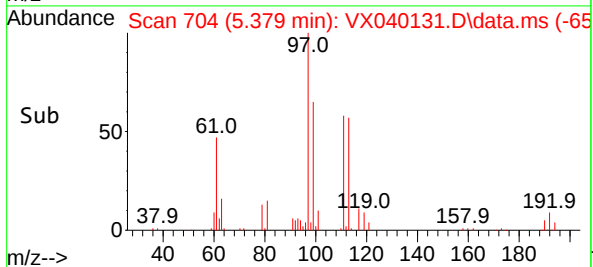
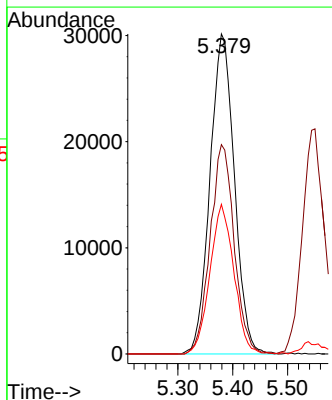
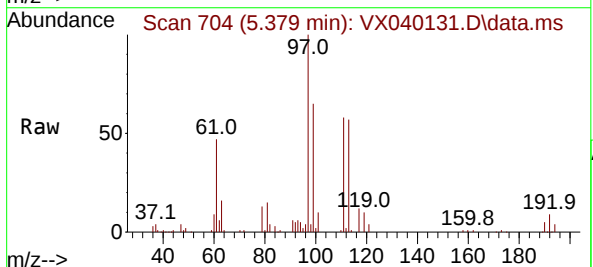
Manual Integrations
APPROVED

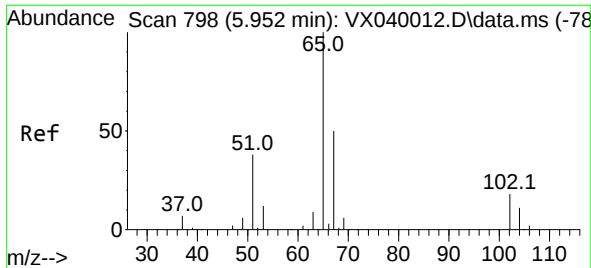
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#32
1,1,1-Trichloroethane
Concen: 47.063 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 97 Resp: 93202
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 45.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 41.160 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 63292

Ion Ratio Lower Upper

65 100

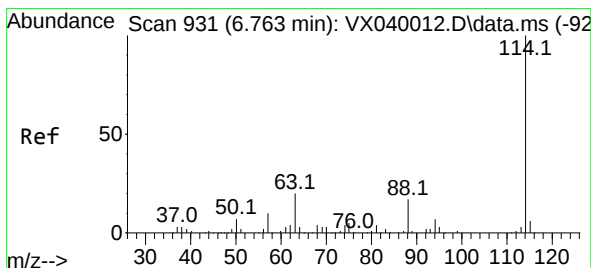
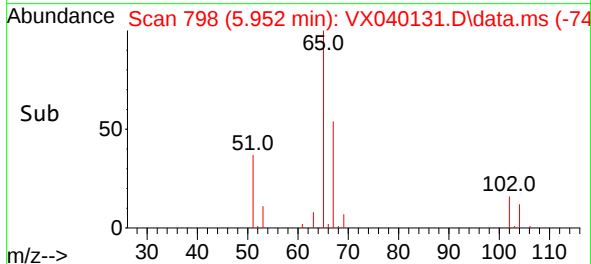
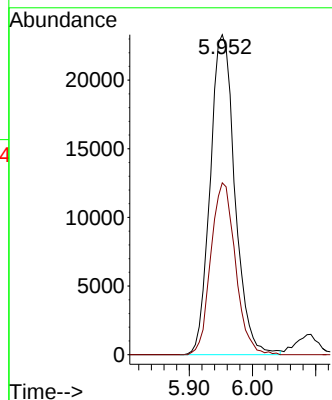
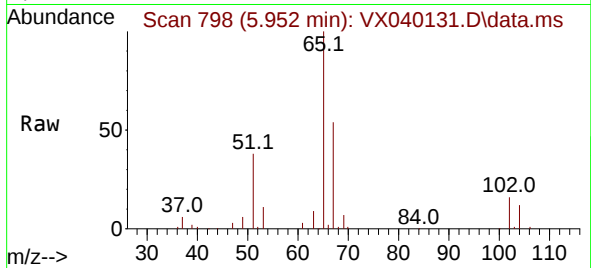
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

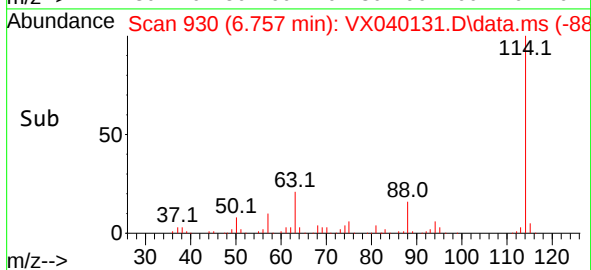
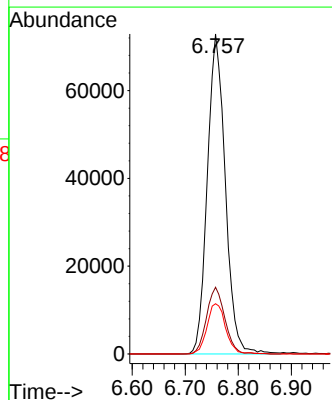
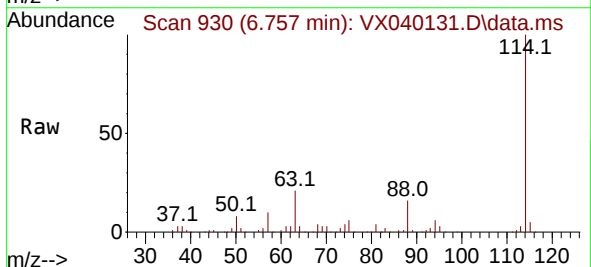
Tgt Ion:114 Resp: 171454

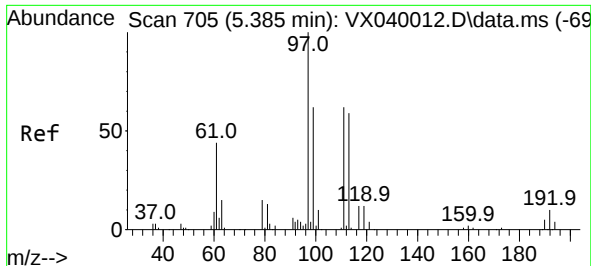
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

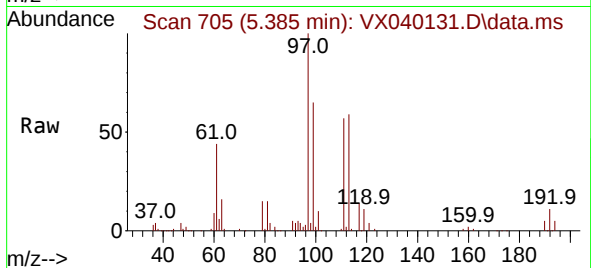
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 42.871 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

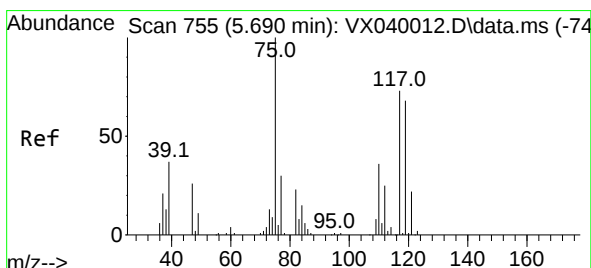
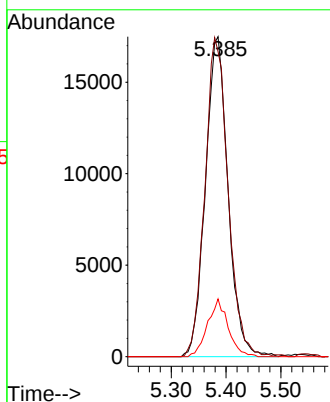
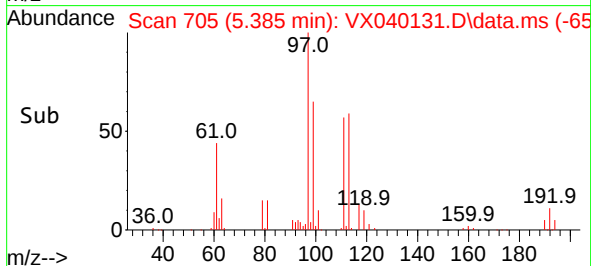
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5003
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.4 13.3 19.9

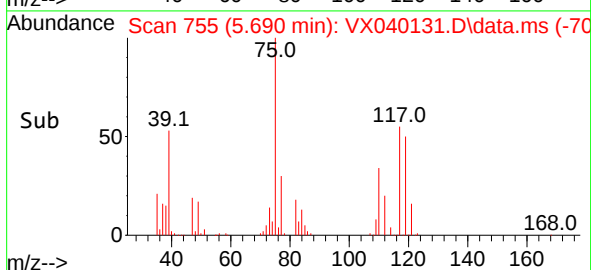
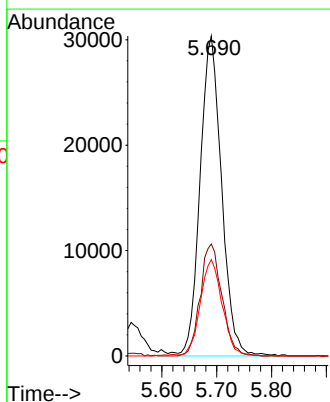
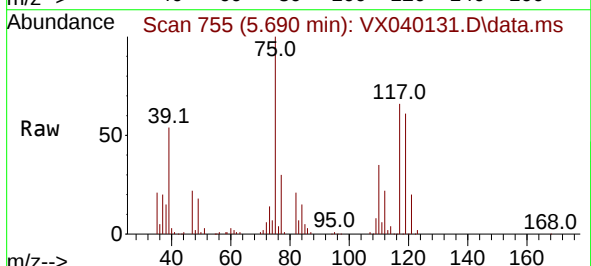
Manual Integrations
APPROVED

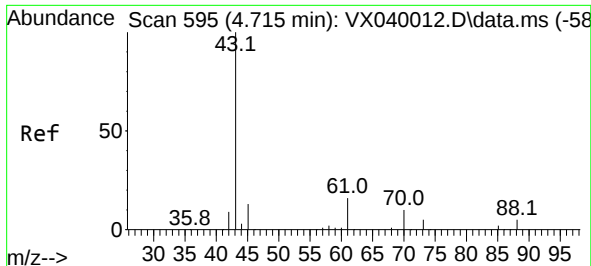
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#36
1,1-Dichloropropene
Concen: 48.848 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

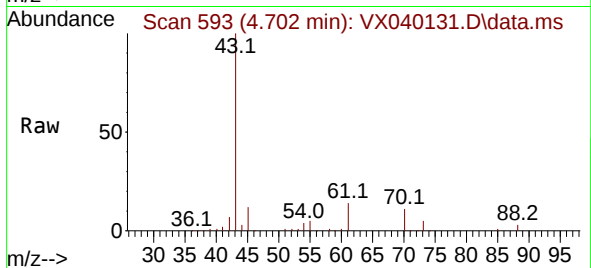
Tgt Ion: 75 Resp: 82455
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 45.312 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

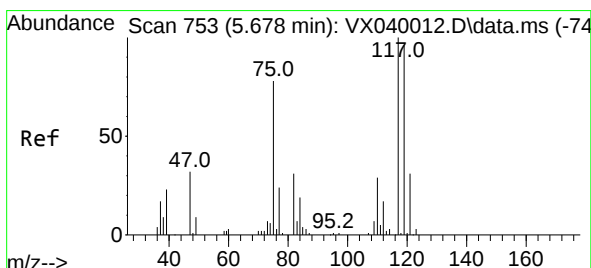
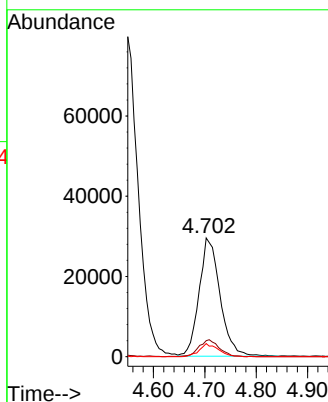
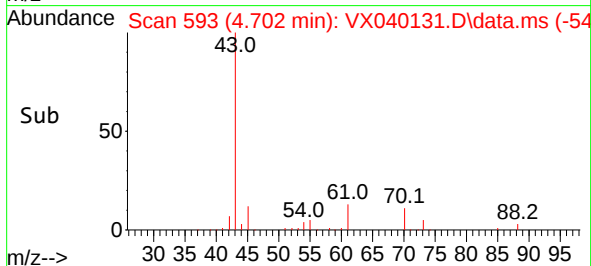
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 83530
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 9.9 8.3 12.5

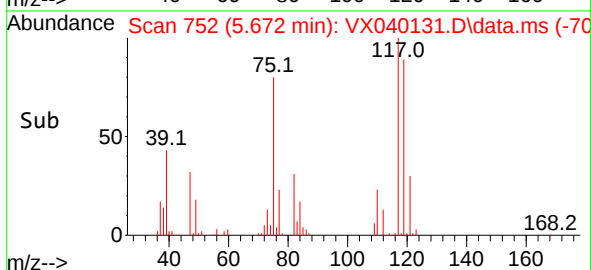
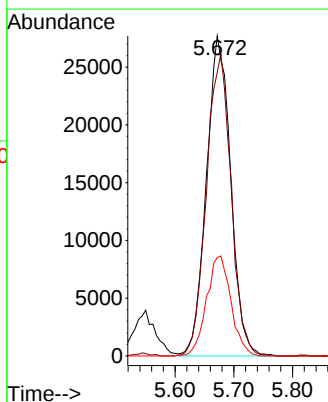
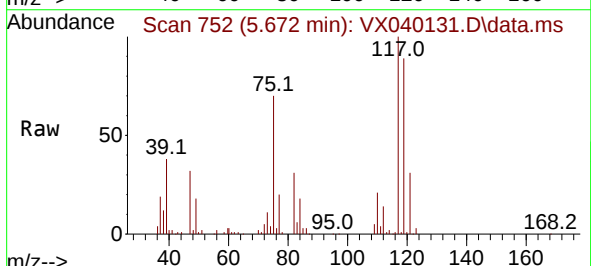
Manual Integrations
APPROVED

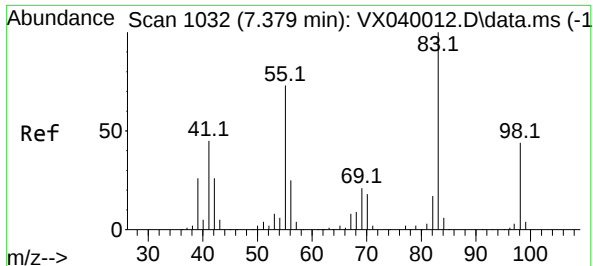
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#38
Carbon Tetrachloride
Concen: 49.324 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion:117 Resp: 79664
Ion Ratio Lower Upper
117 100
119 88.7 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 46.120 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 94719

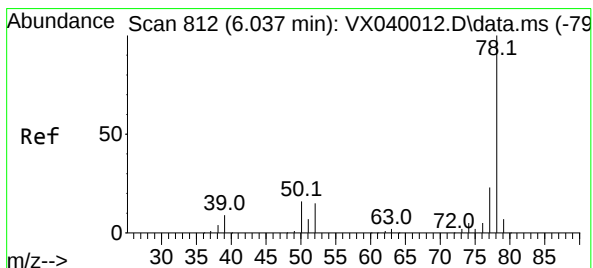
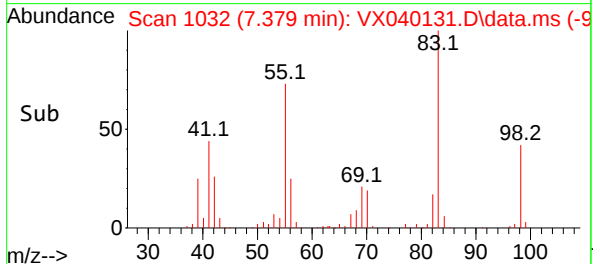
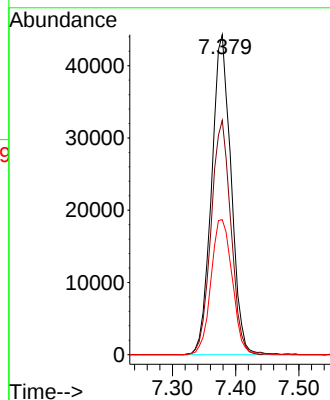
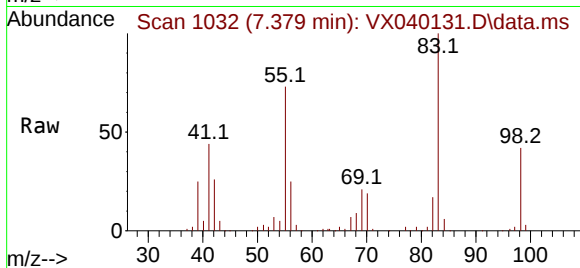
Ion	Ratio	Lower	Upper
83	100		
55	73.3	64.6	97.0
98	42.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#40

Benzene

Concen: 47.562 ug/l

RT: 6.032 min Scan# 811

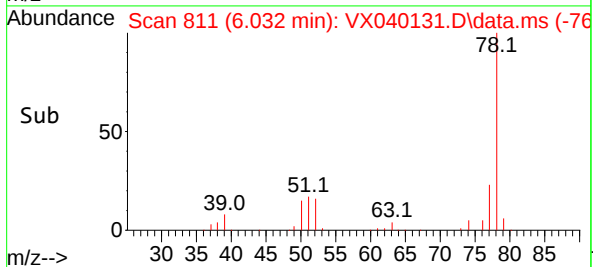
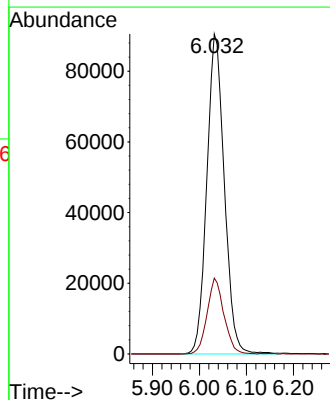
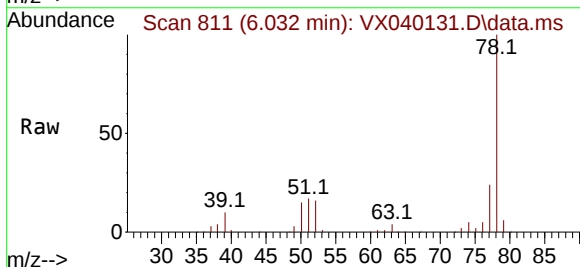
Delta R.T. -0.006 min

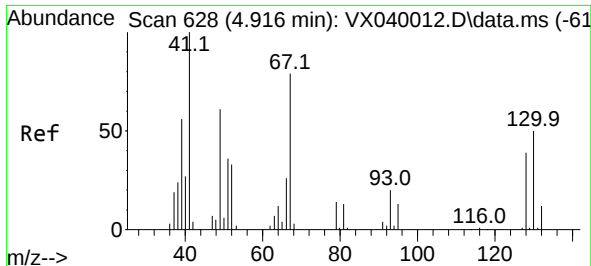
Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Tgt Ion: 78 Resp: 233831

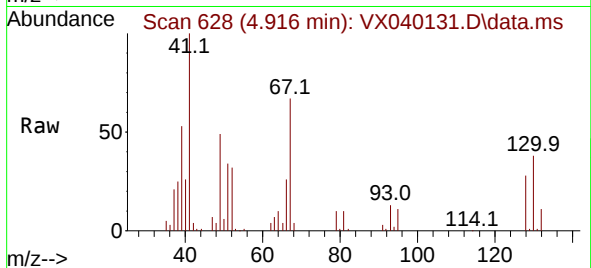
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





#41
Methacrylonitrile
Concen: 48.635 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

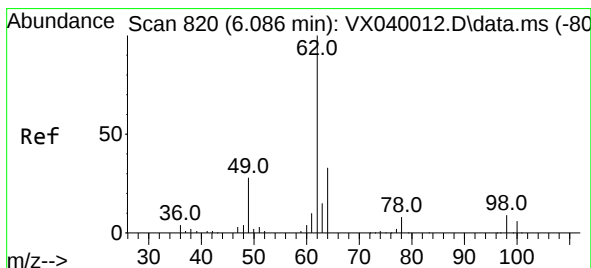
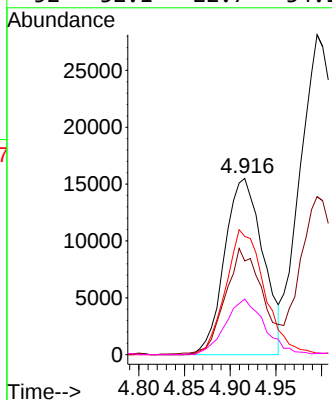
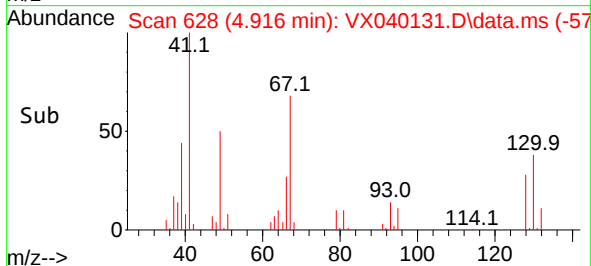
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 4546
Ion Ratio Lower Upper
41 100
39 60.0 45.2 67.8
67 71.6 52.6 78.8
52 32.1 22.7 34.1

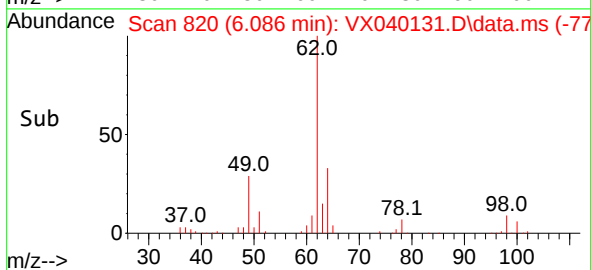
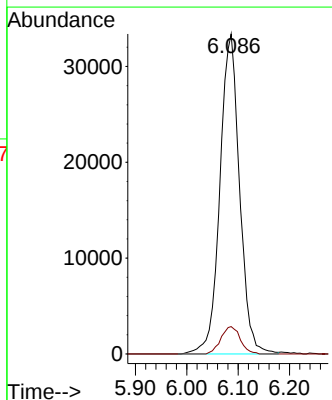
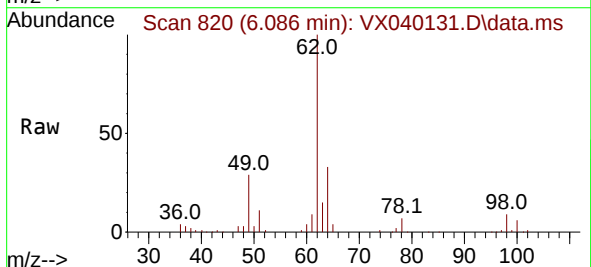
Manual Integrations
APPROVED

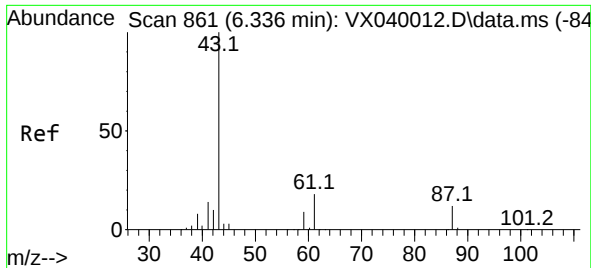
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#42
1,2-Dichloroethane
Concen: 46.884 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

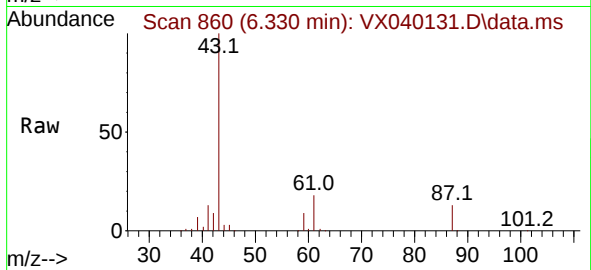
Tgt Ion: 62 Resp: 88730
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.364 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

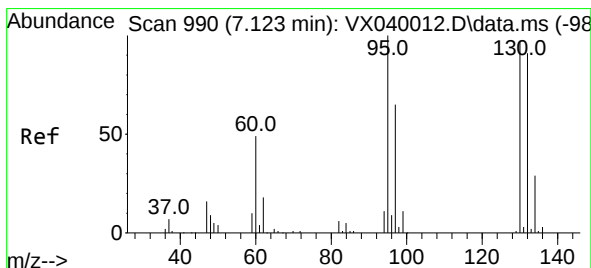
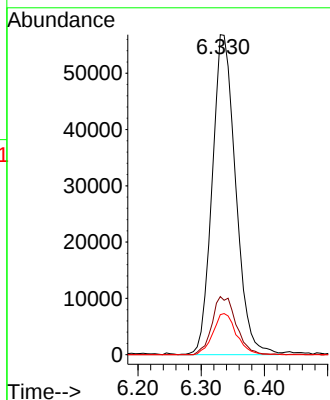
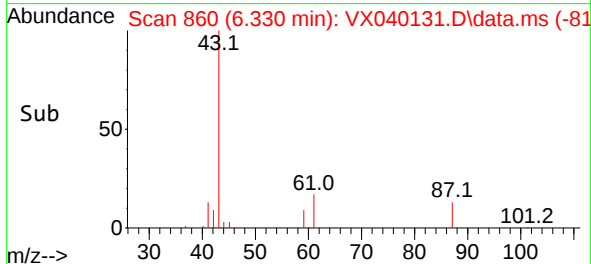
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



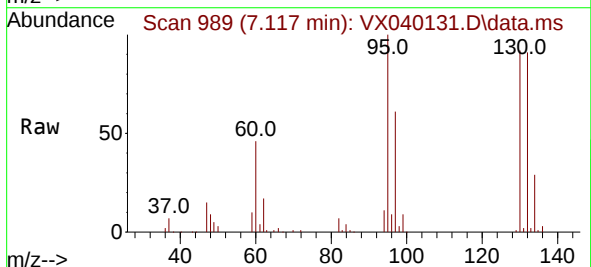
Tgt Ion: 43 Resp: 14641
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.8 9.8 14.6

Manual Integrations
APPROVED

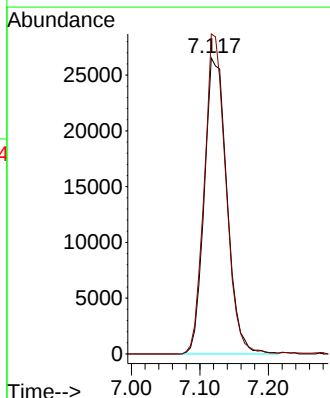
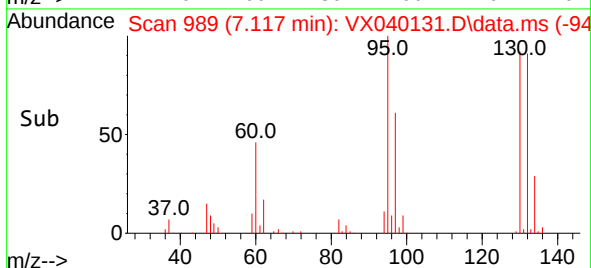
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

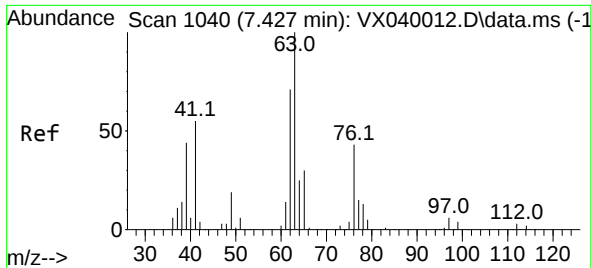


#44
Trichloroethene
Concen: 47.162 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47



Tgt Ion:130 Resp: 61017
Ion Ratio Lower Upper
130 100
95 108.1 0.0 204.4





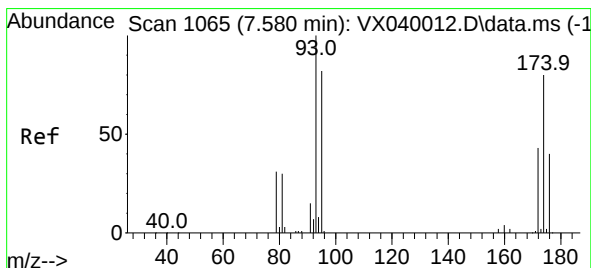
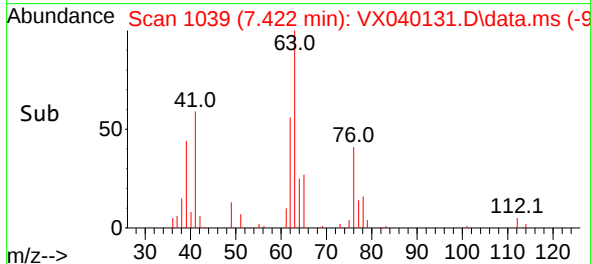
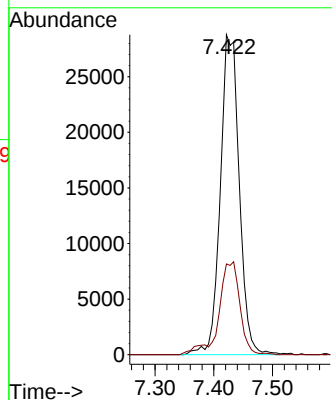
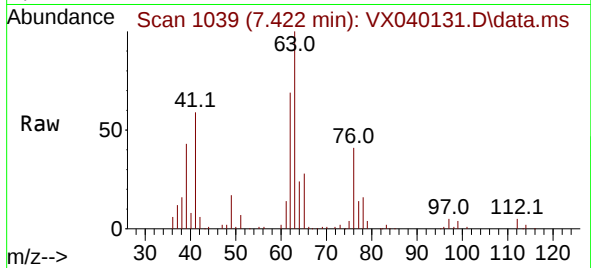
#45
1,2-Dichloropropane
Concen: 49.650 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 64449
Ion Ratio Lower Upper
63 100
65 28.4 24.3 36.5

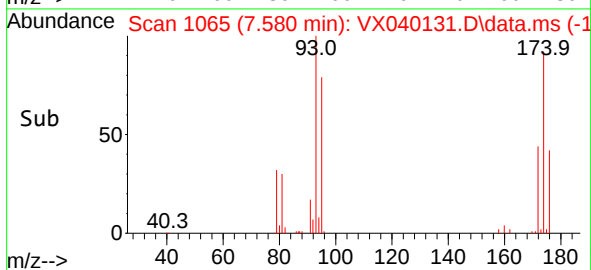
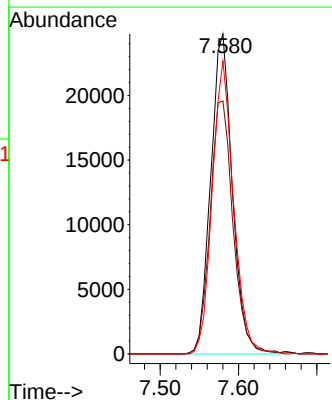
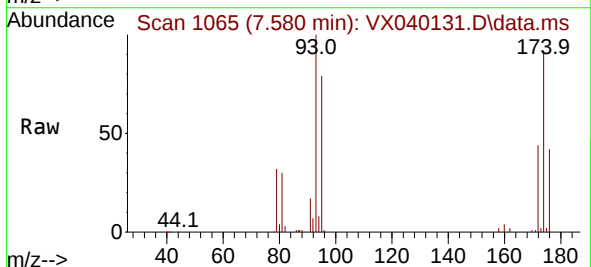
Manual Integrations
APPROVED

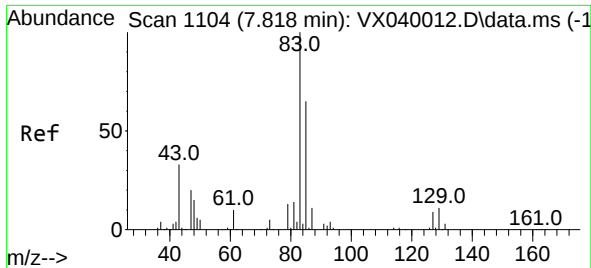
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#46
Dibromomethane
Concen: 48.921 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 93 Resp: 47665
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 90.0 69.4 104.0





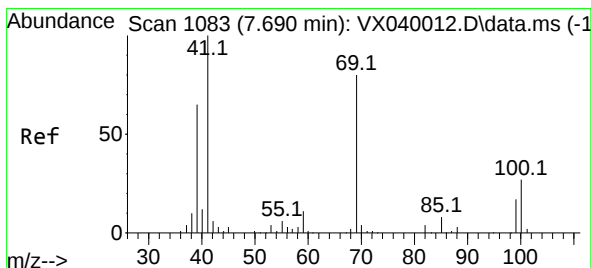
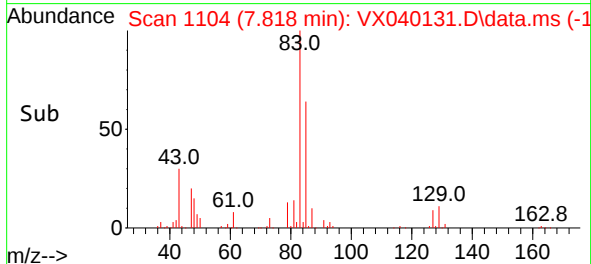
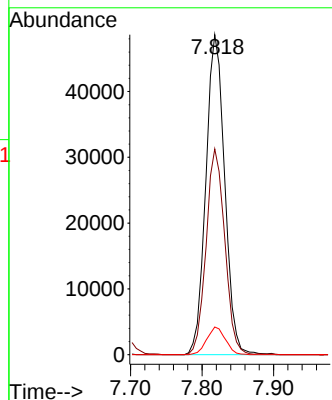
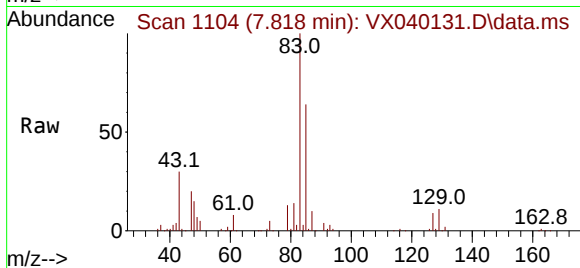
#47
Bromodichloromethane
Concen: 51.272 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8897
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.7 7.1 10.7

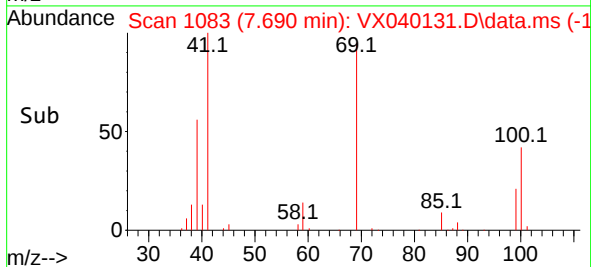
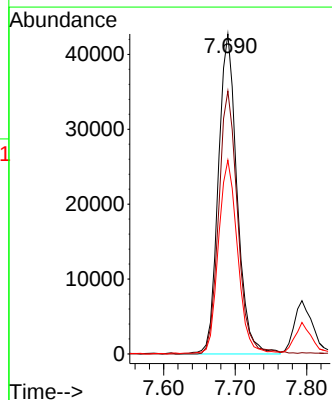
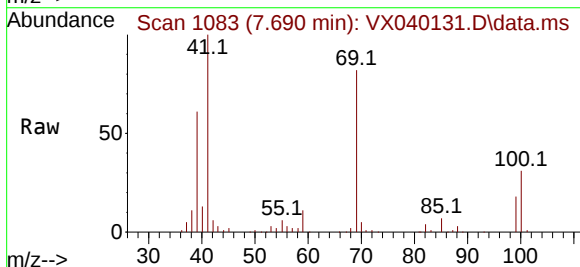
Manual Integrations
APPROVED

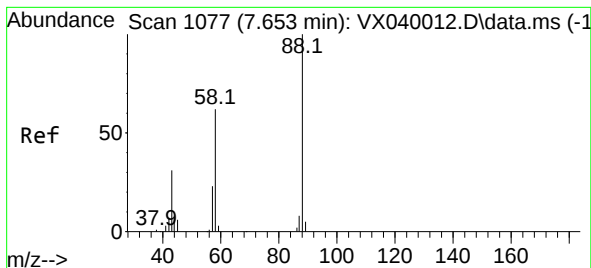
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#48
Methyl methacrylate
Concen: 54.432 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 41 Resp: 77950
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 61.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1053.591 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3278

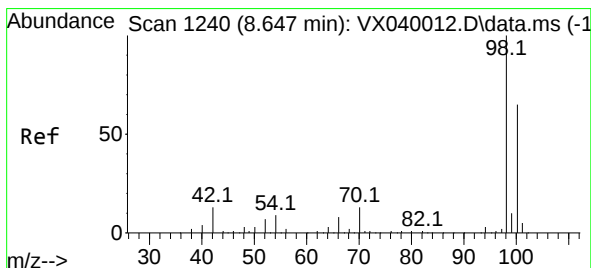
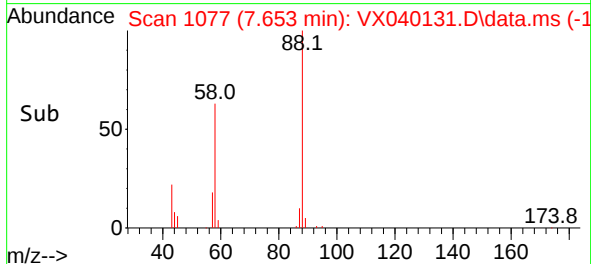
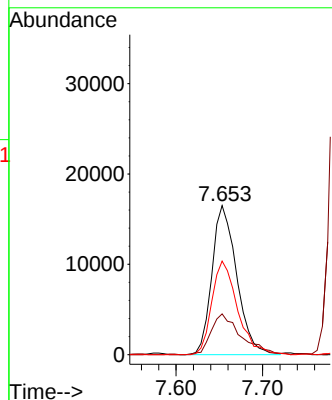
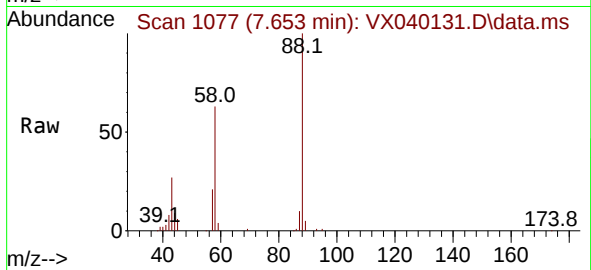
Ion	Ratio	Lower	Upper
88	100		
43	33.0	0.0	0.0
58	64.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#50

Toluene-d8

Concen: 45.888 ug/l

RT: 8.647 min Scan# 1240

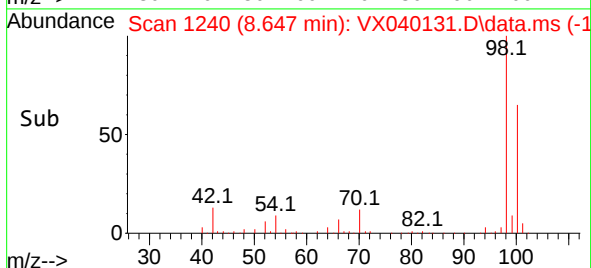
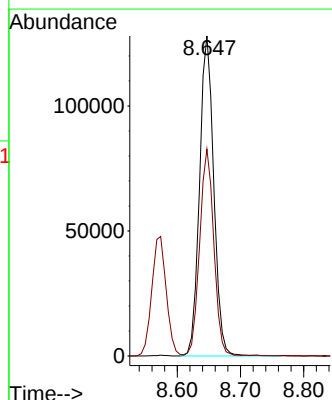
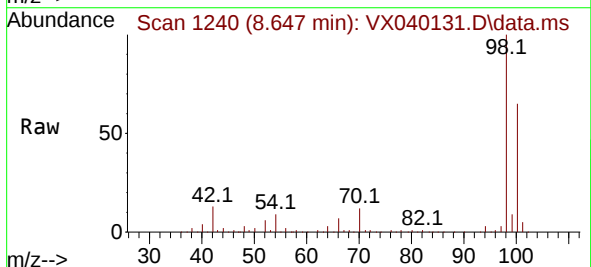
Delta R.T. 0.000 min

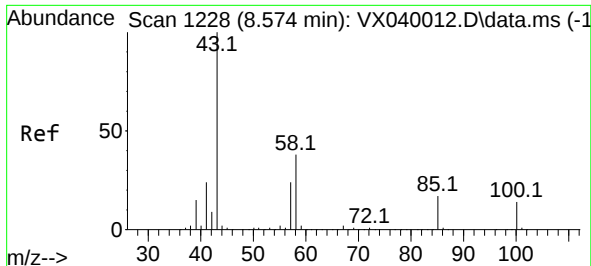
Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Tgt Ion: 98 Resp: 200290

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7





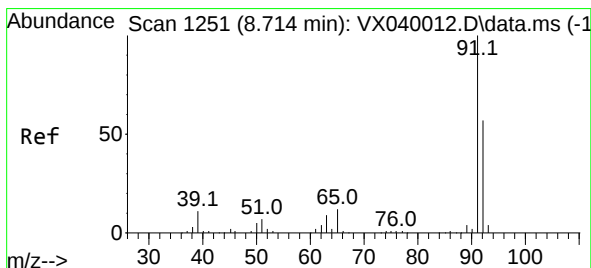
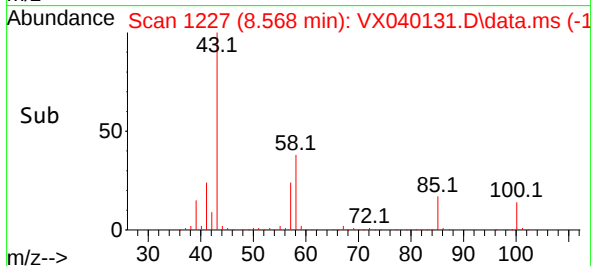
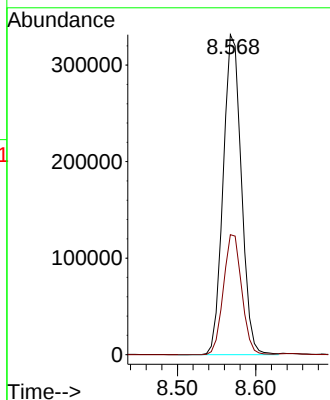
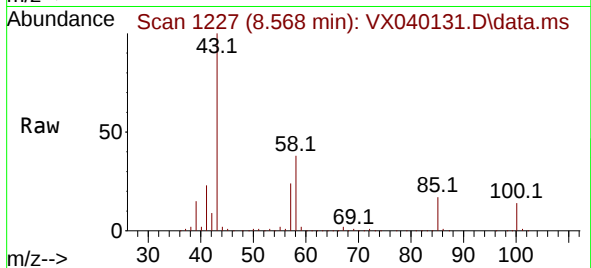
#51
4-Methyl-2-Pentanone
Concen: 269.923 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 535658
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

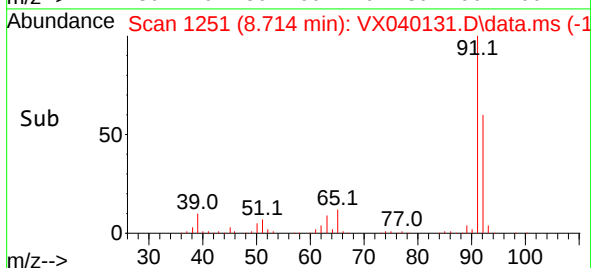
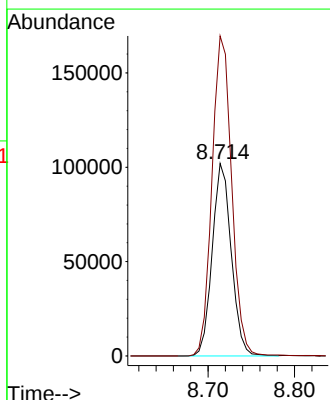
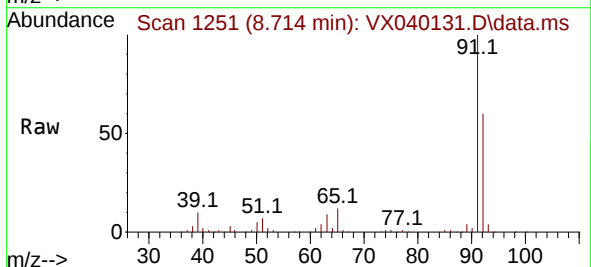
Manual Integrations
APPROVED

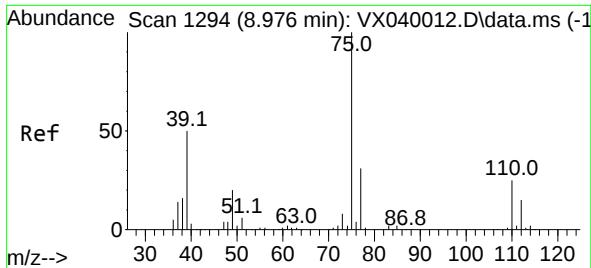
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#52
Toluene
Concen: 50.844 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 92 Resp: 155801
Ion Ratio Lower Upper
92 100
91 172.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.050 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 95478

Ion Ratio Lower Upper

75 100

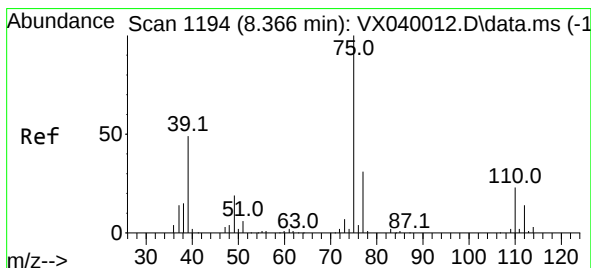
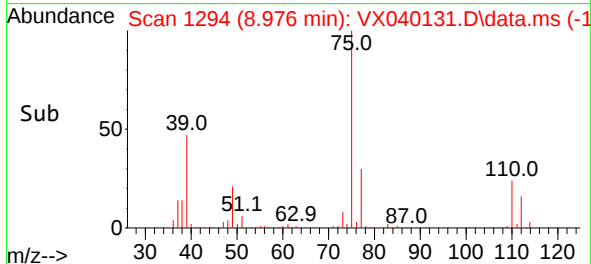
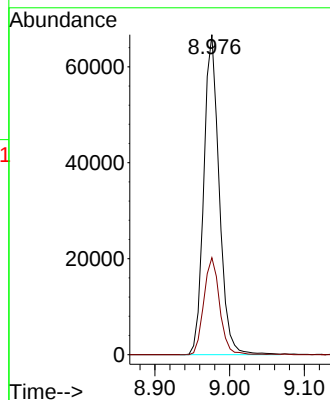
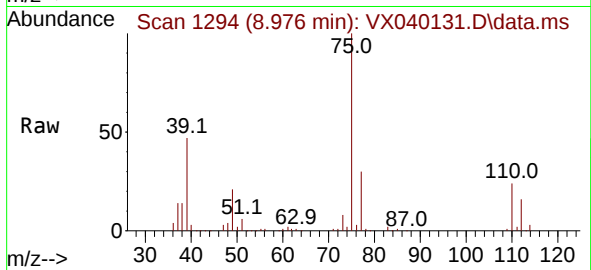
77 30.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#54

cis-1,3-Dichloropropene

Concen: 53.728 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

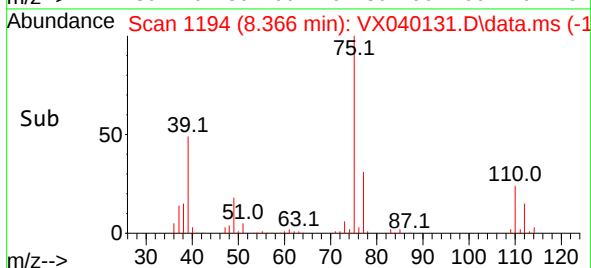
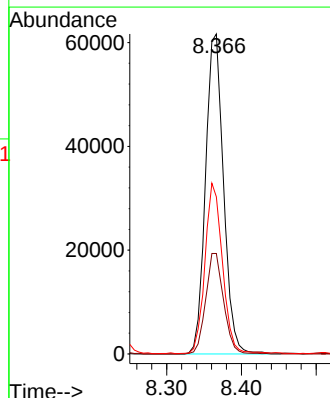
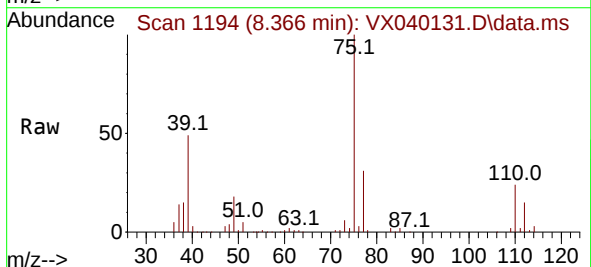
Tgt Ion: 75 Resp: 103182

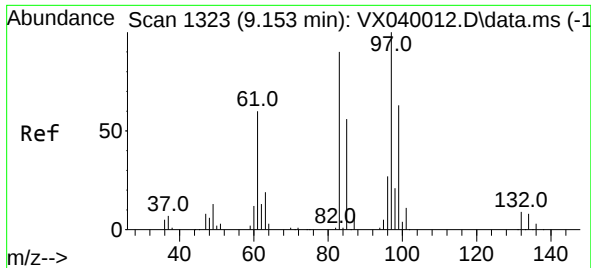
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

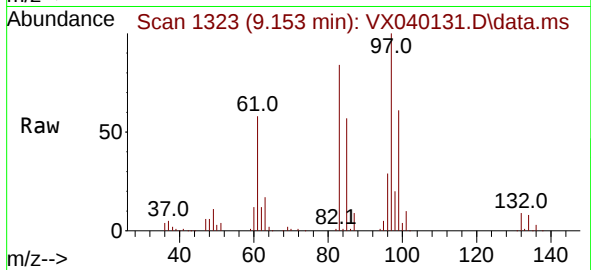
39 48.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.553 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

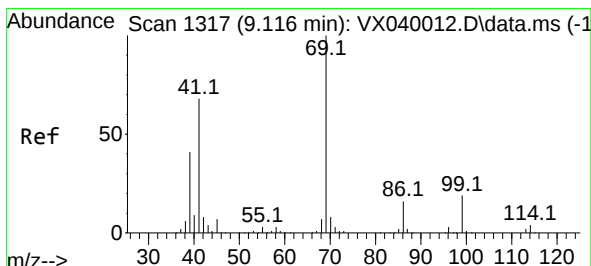
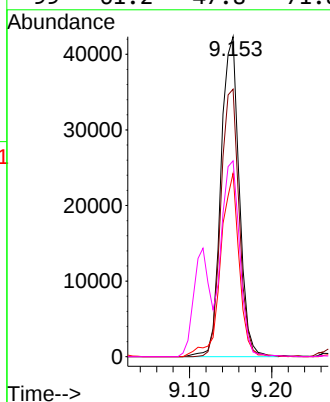
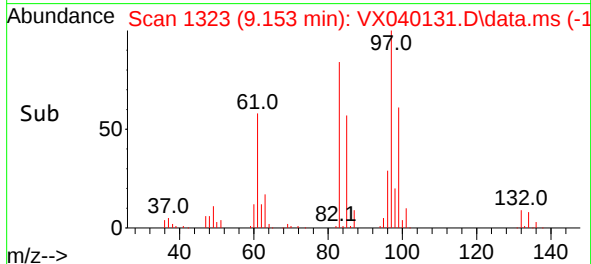


Tgt Ion: 97 Resp: 65389

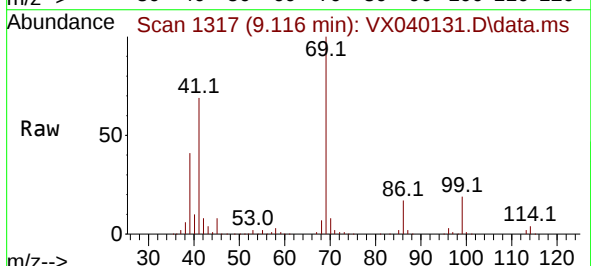
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.8	98.8
85	57.3	41.6	62.4
99	61.2	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

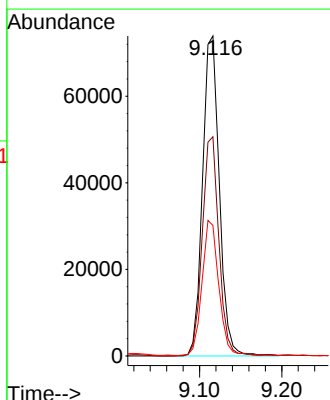
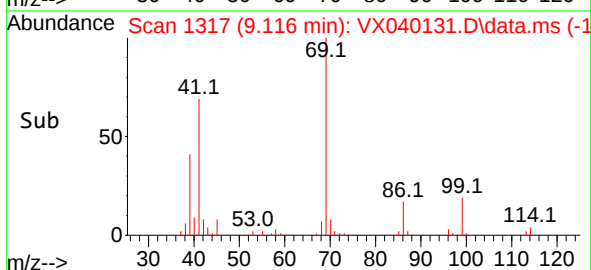


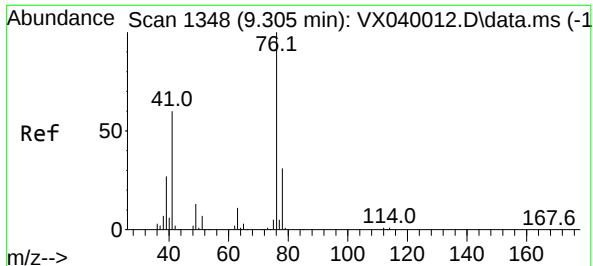
#56
Ethyl methacrylate
Concen: 56.821 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47



Tgt Ion: 69 Resp: 105245

Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.8	85.2
39	42.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.034 ug/l

RT: 9.305 min Scan# 11080

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11080

Ion Ratio Lower Upper

76 100

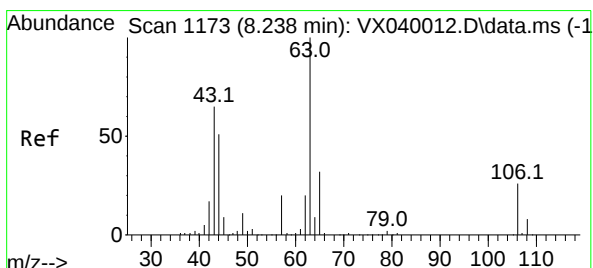
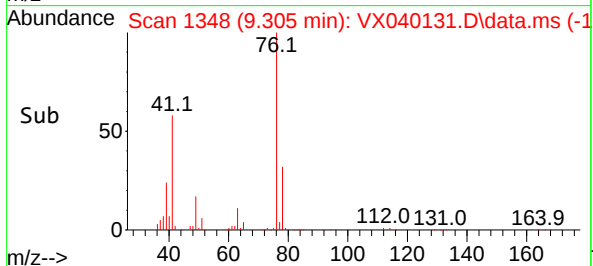
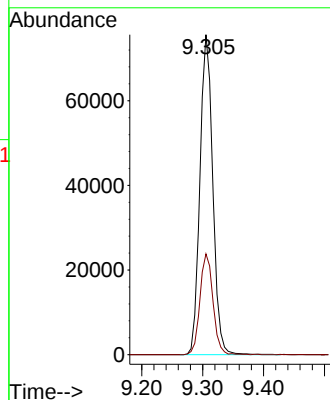
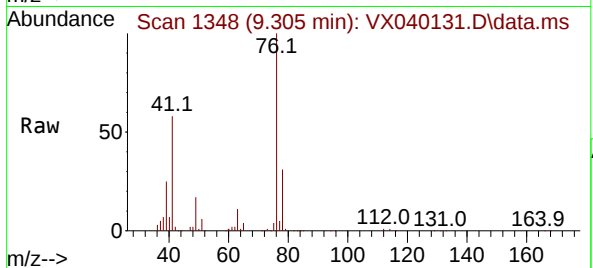
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#58

2-Chloroethyl Vinyl ether

Concen: 276.355 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040131.D

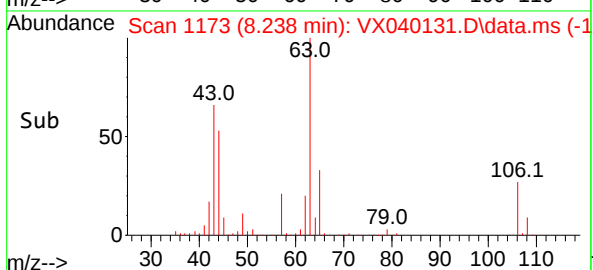
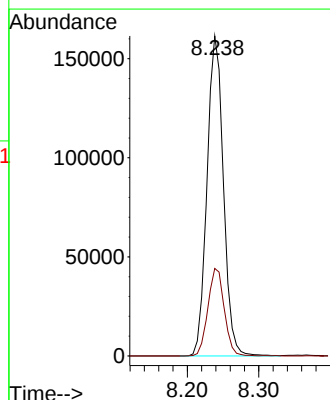
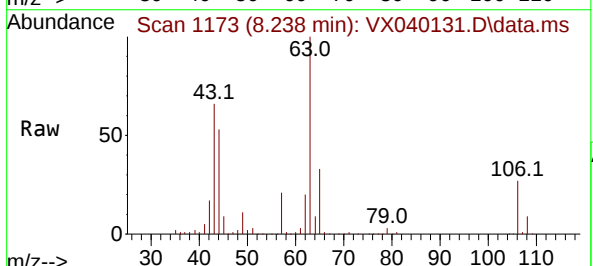
Acq: 06 Feb 2024 10:47

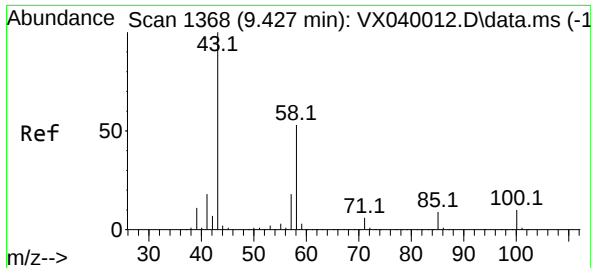
Tgt Ion: 63 Resp: 257399

Ion Ratio Lower Upper

63 100

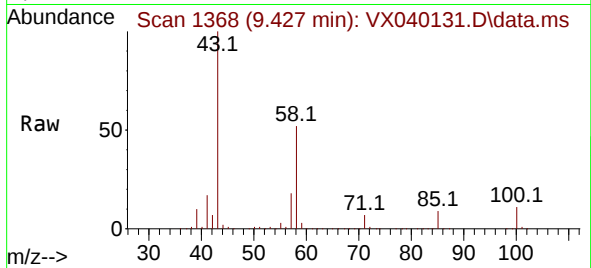
106 27.3 22.5 33.7





#59
2-Hexanone
Concen: 265.538 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

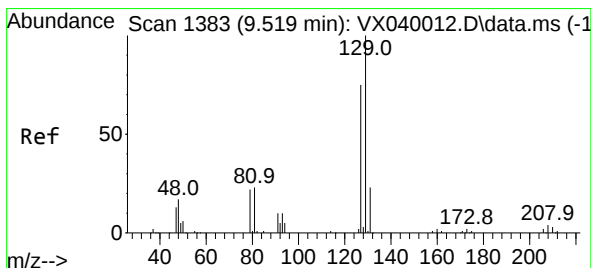
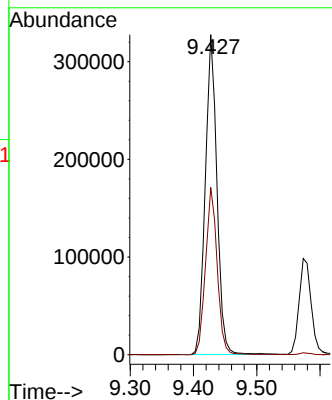
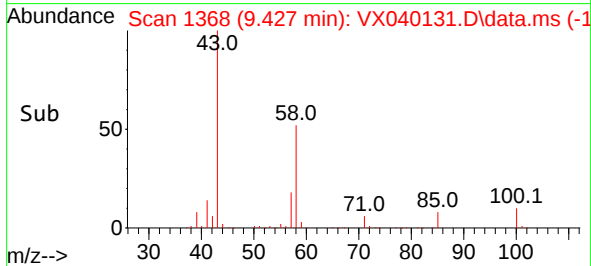
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 420149
Ion Ratio Lower Upper
43 100
58 52.5 26.2 78.5

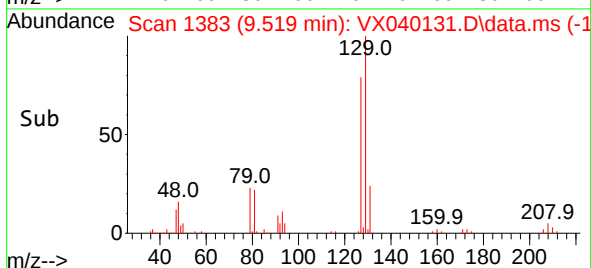
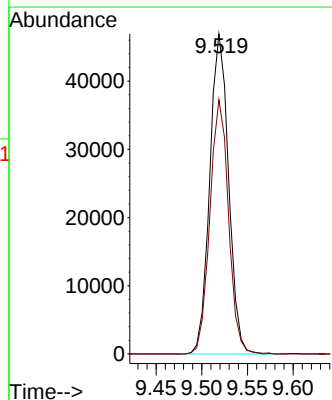
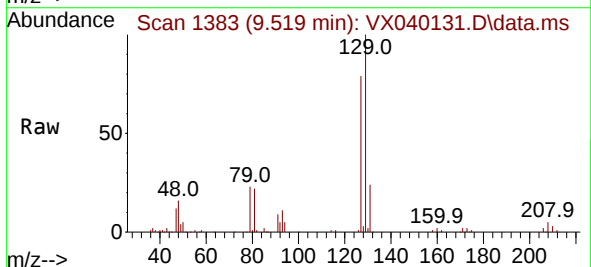
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#60
Dibromochloromethane
Concen: 52.607 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

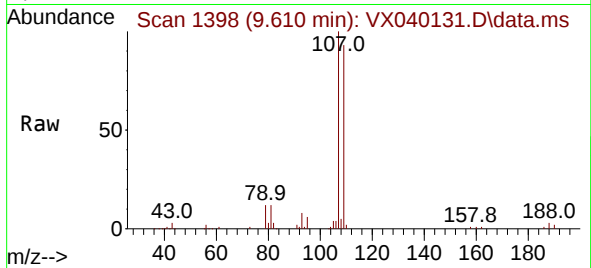
Tgt Ion:129 Resp: 67047
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.807 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

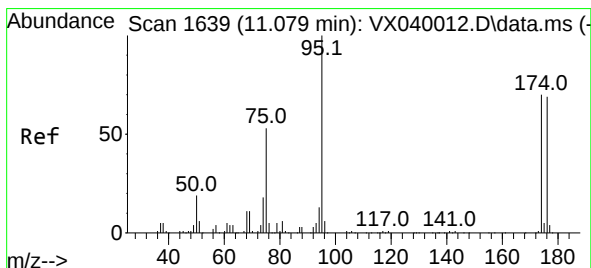
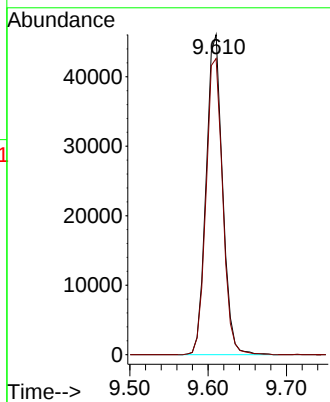
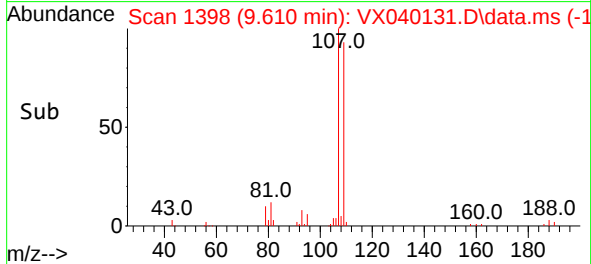
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 66929
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

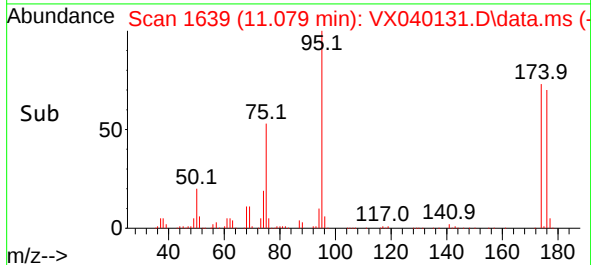
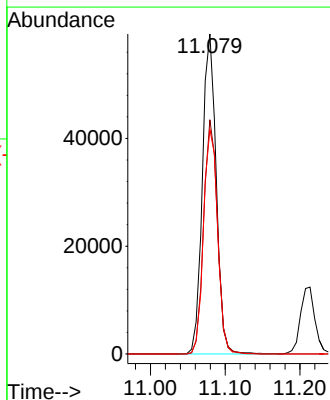
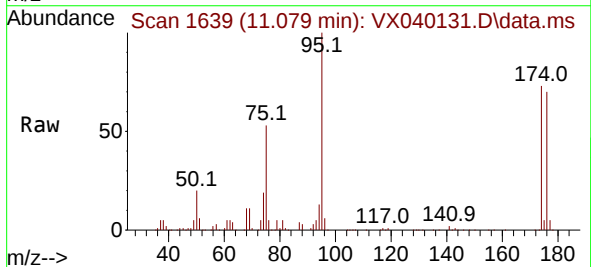
Manual Integrations
APPROVED

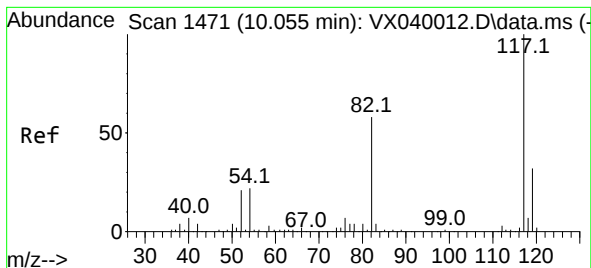
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#62
4-Bromofluorobenzene
Concen: 45.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 95 Resp: 76241
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 71.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 161600

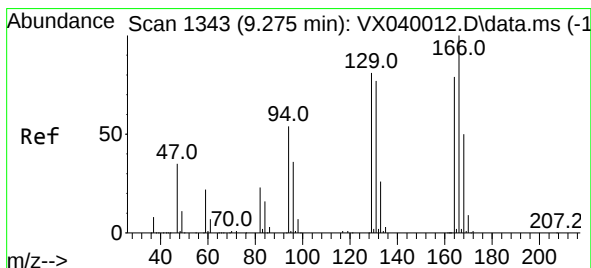
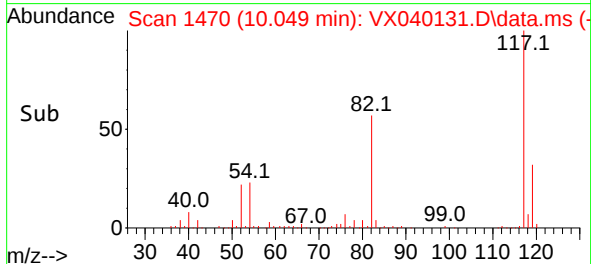
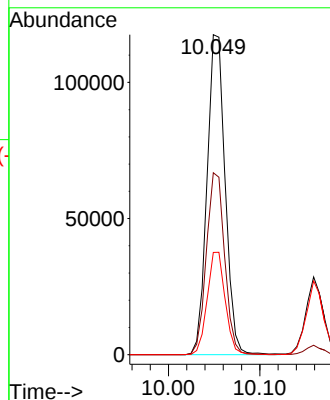
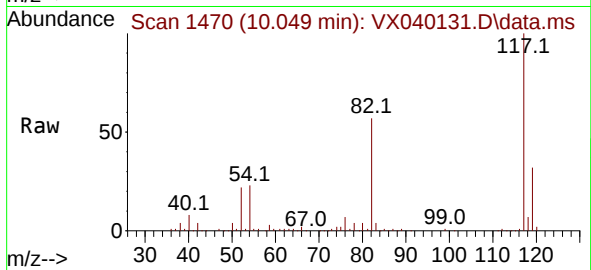
Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.2	69.4
119	31.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#64

Tetrachloroethene

Concen: 51.066 ug/l

RT: 9.269 min Scan# 1342

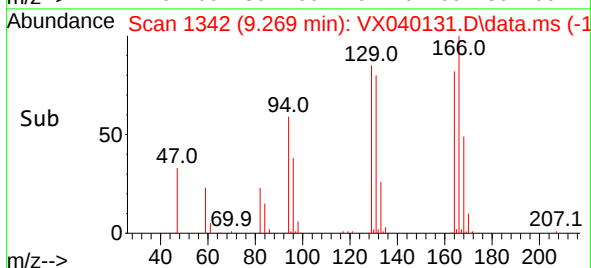
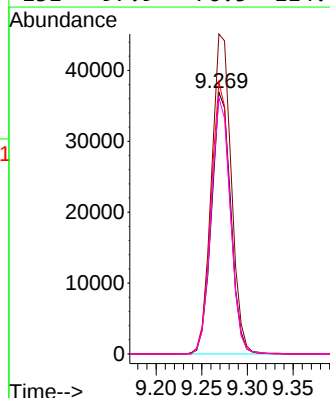
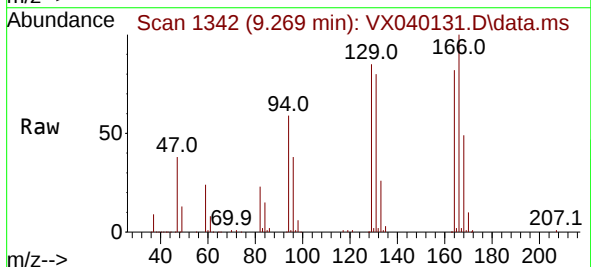
Delta R.T. -0.006 min

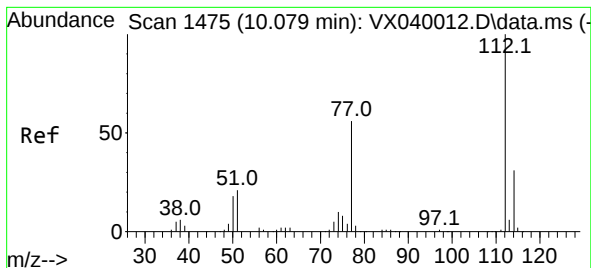
Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Tgt Ion:164 Resp: 53697

Ion	Ratio	Lower	Upper
164	100		
166	122.4	102.7	154.1
129	103.8	80.4	120.6
131	97.9	76.5	114.7





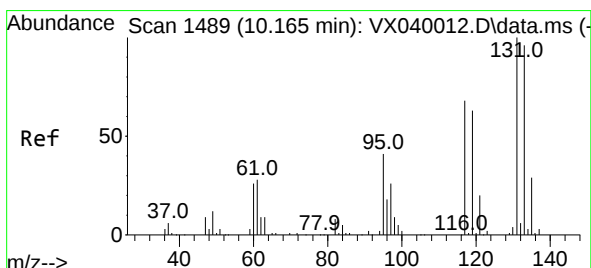
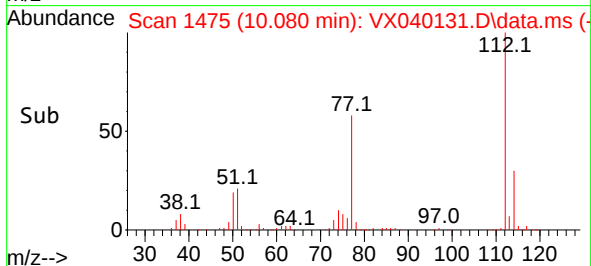
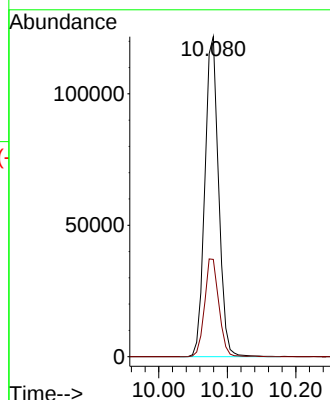
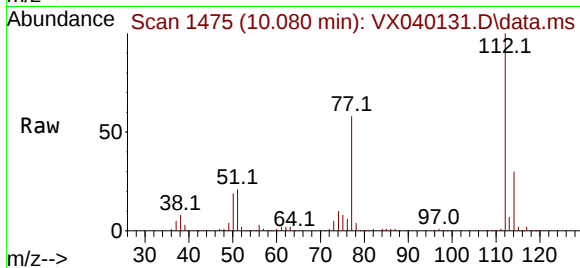
#65
Chlorobenzene
Concen: 50.987 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 170314
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

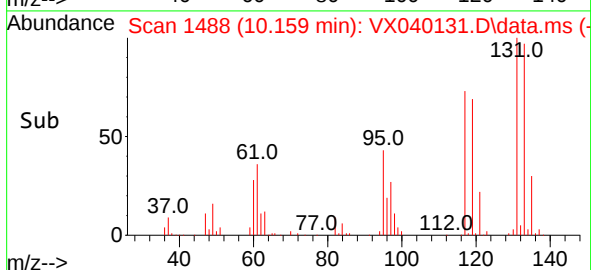
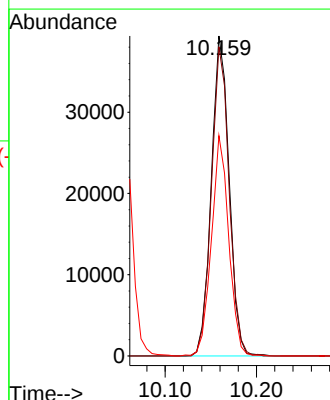
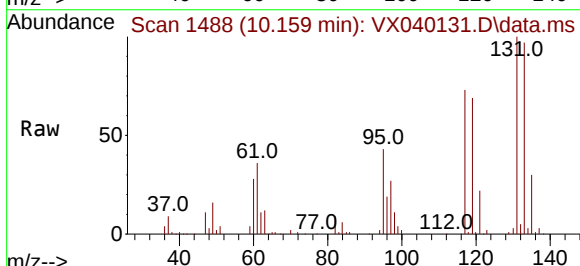
Manual Integrations
APPROVED

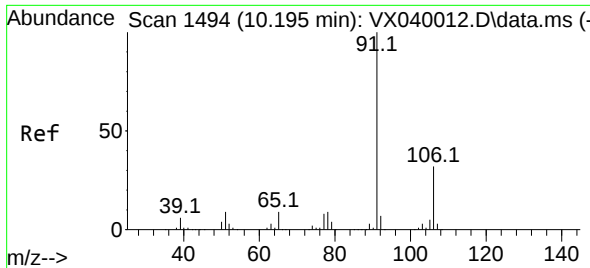
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.136 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion:131 Resp: 53173
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 67.1 32.2 96.6





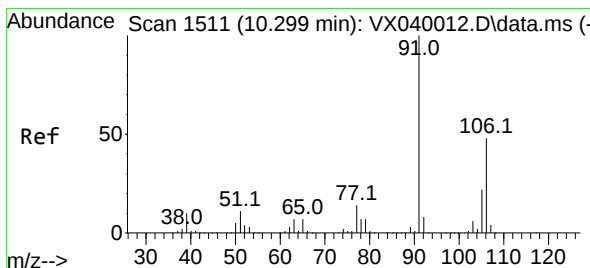
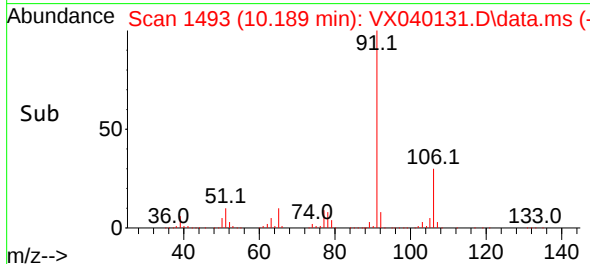
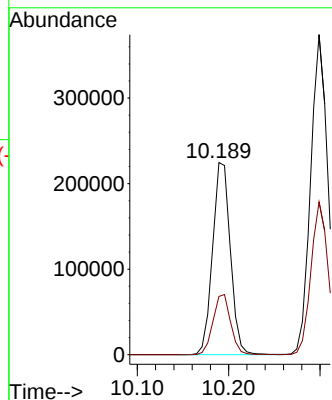
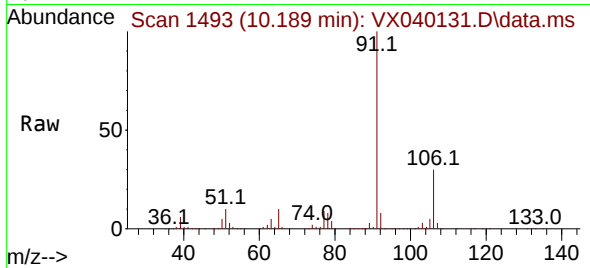
#67
Ethyl Benzene
Concen: 50.624 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 303409
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

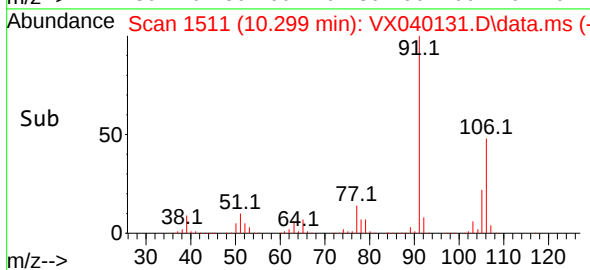
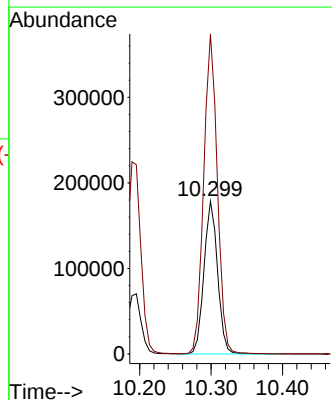
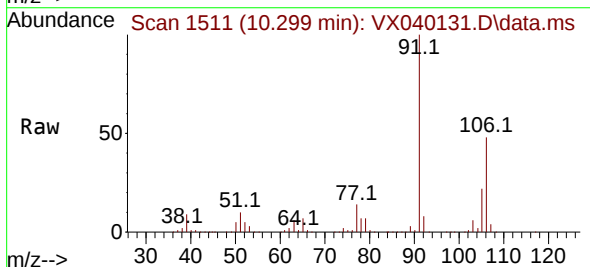
Manual Integrations
APPROVED

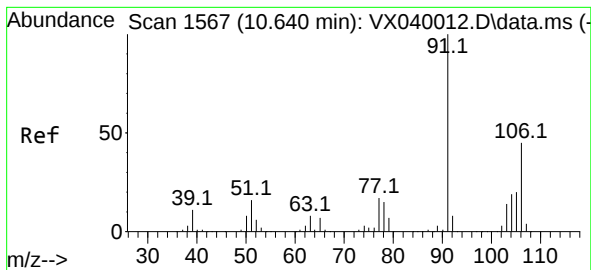
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#68
m/p-Xylenes
Concen: 104.601 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion:106 Resp: 235847
Ion Ratio Lower Upper
106 100
91 210.2 165.5 248.3





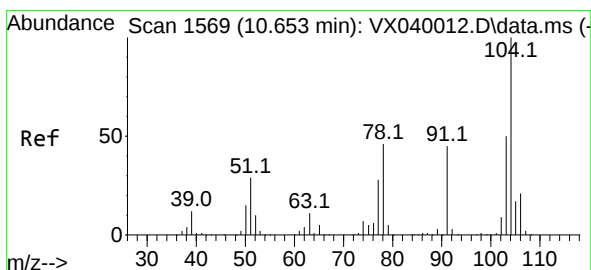
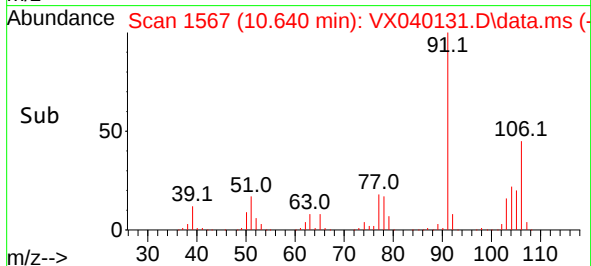
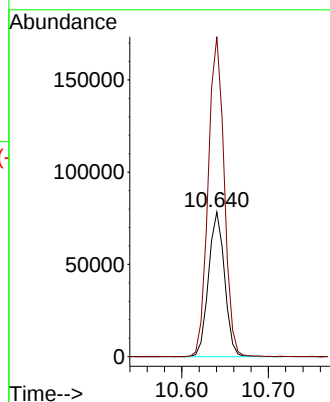
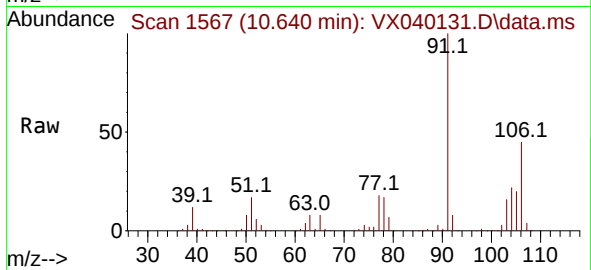
#69
o-Xylene
Concen: 47.174 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 100894
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8

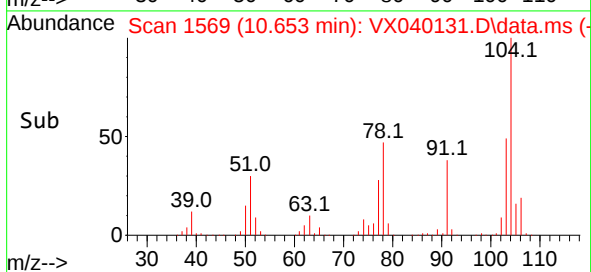
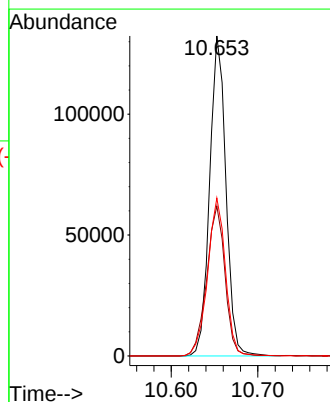
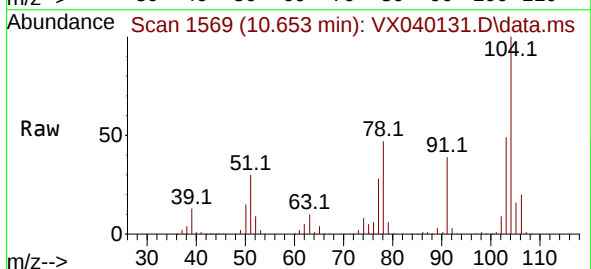
Manual Integrations
APPROVED

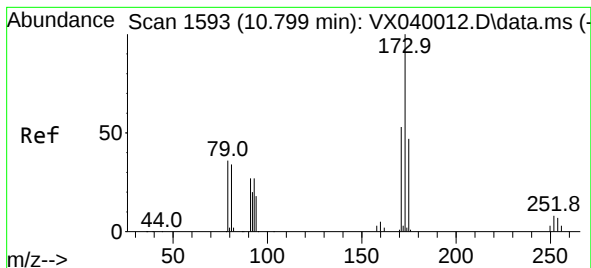
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#70
Styrene
Concen: 48.004 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion:104 Resp: 173039
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 54.3 43.6 65.4





#71

Bromoform

Concen: 47.426 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 43290

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

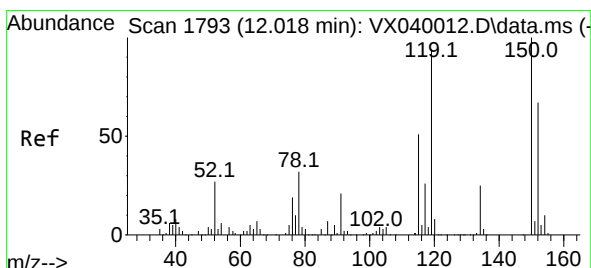
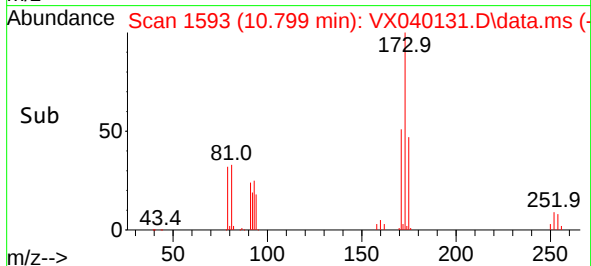
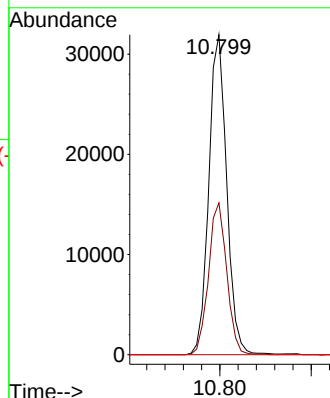
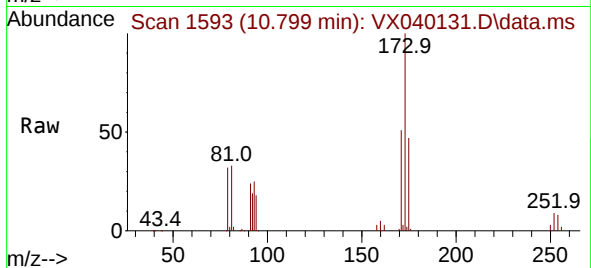
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

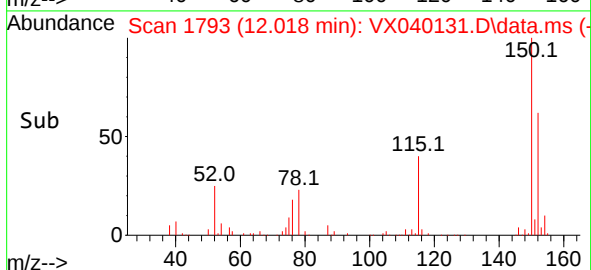
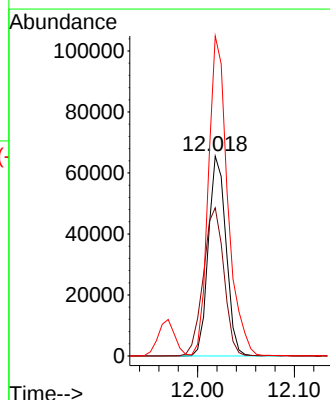
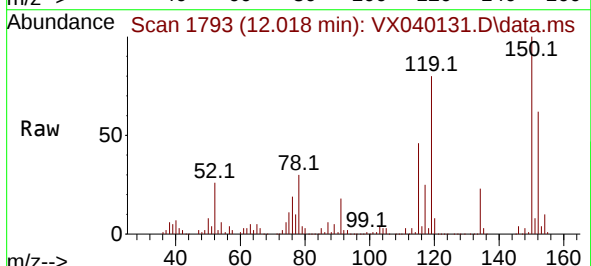
Tgt Ion:152 Resp: 83164

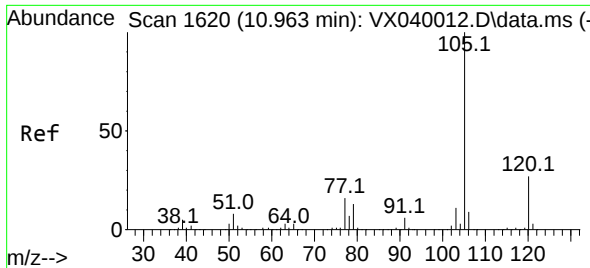
Ion Ratio Lower Upper

152 100

115 86.7 43.3 129.9

150 174.8 0.0 345.0





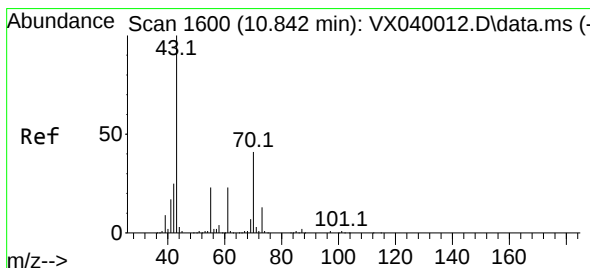
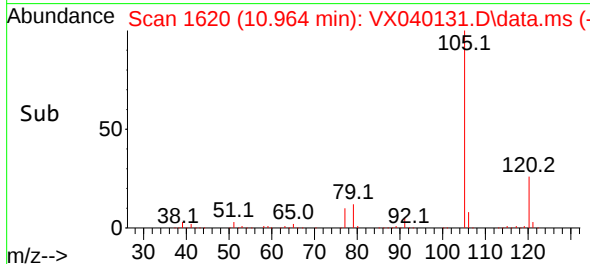
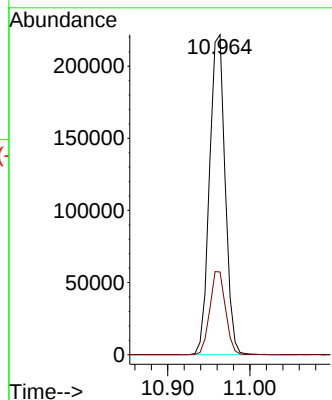
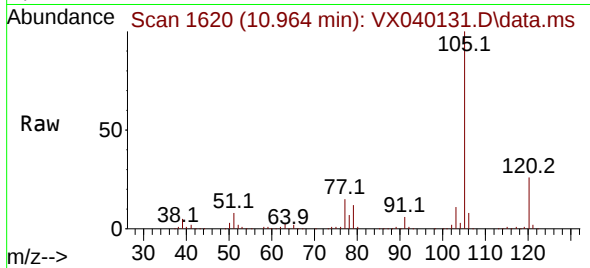
#73
Isopropylbenzene
Concen: 49.003 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 292638
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

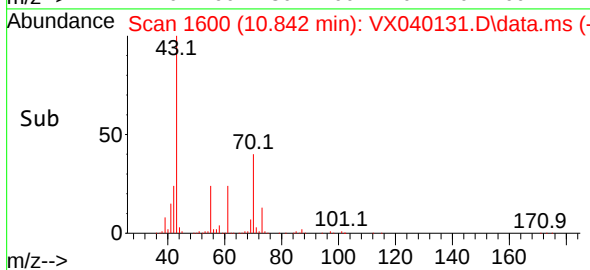
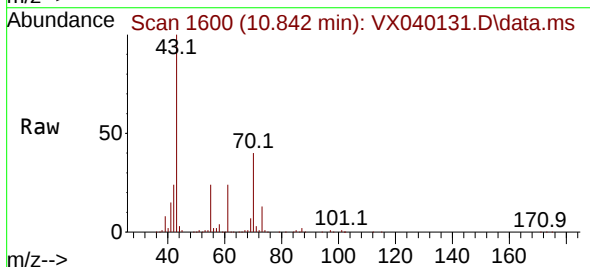
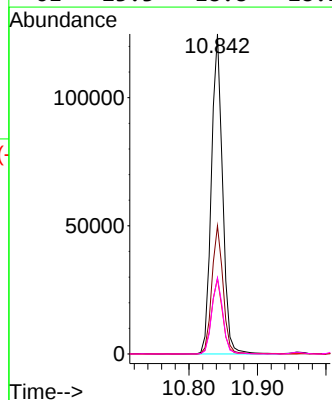
Manual Integrations
APPROVED

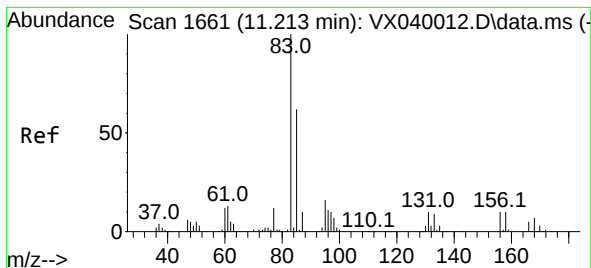
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#74
N-ethyl acetate
Concen: 49.996 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 43 Resp: 142187
Ion Ratio Lower Upper
43 100
70 39.9 32.9 49.3
55 23.2 19.3 28.9
61 23.3 18.8 28.2





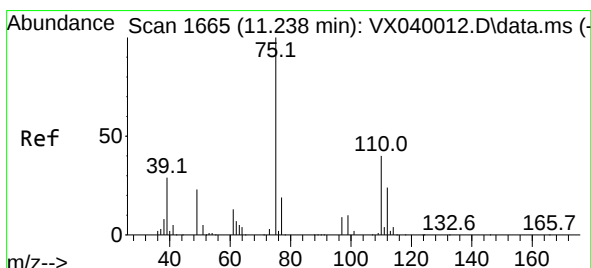
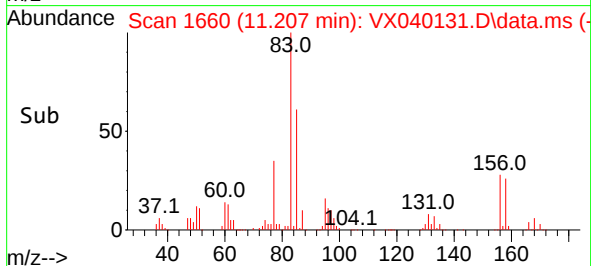
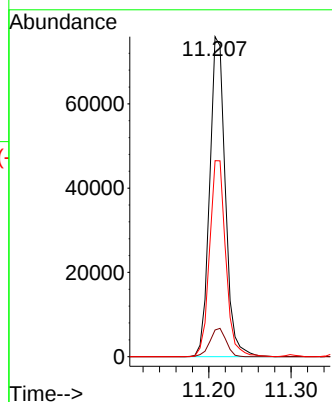
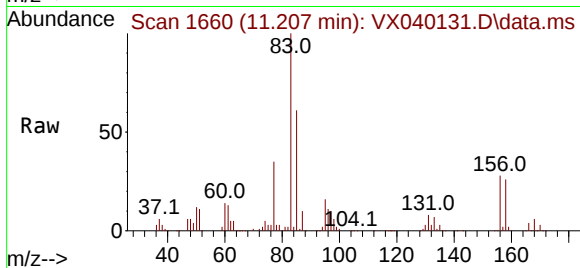
#75
1,1,2,2-Tetrachloroethane
Concen: 44.736 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10044
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 63.1 32.0 96.2

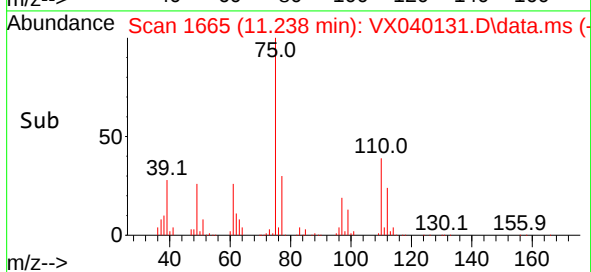
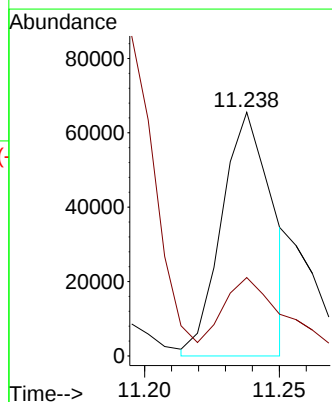
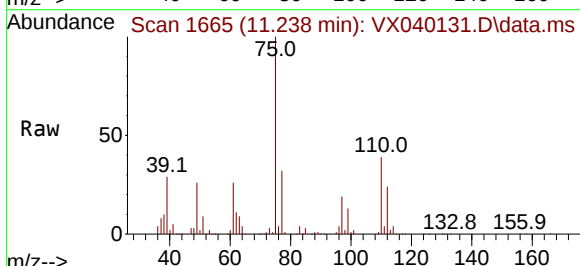
Manual Integrations
APPROVED

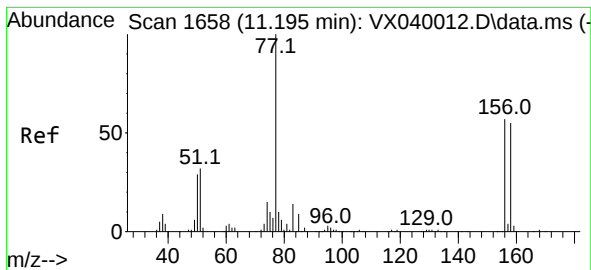
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#76
1,2,3-Trichloropropane
Concen: 48.041 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion: 75 Resp: 85081
Ion Ratio Lower Upper
75 100
77 41.2 19.1 57.5





#77

Bromobenzene

Concen: 45.188 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 62248

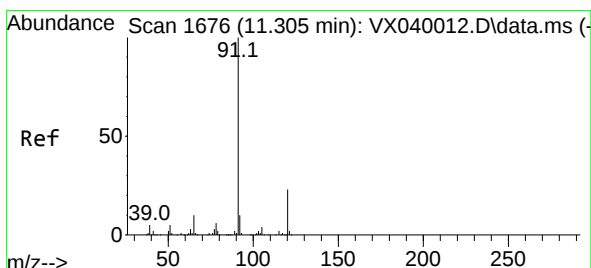
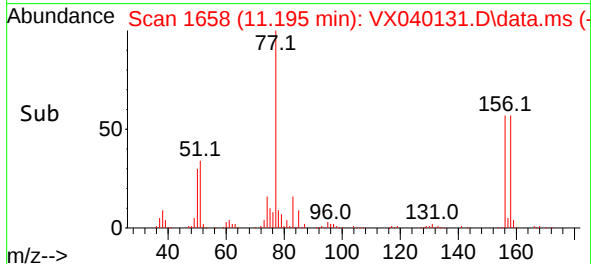
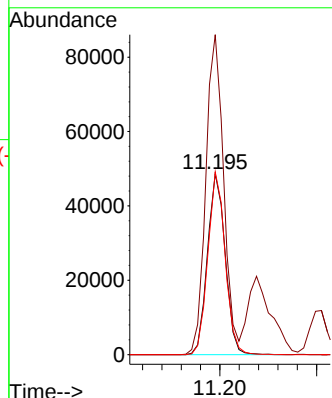
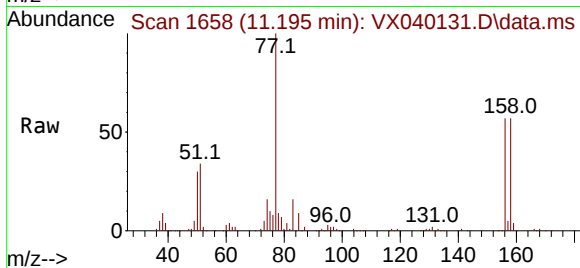
Ion	Ratio	Lower	Upper
156	100		
77	177.5	88.4	265.3
158	98.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#78

n-propylbenzene

Concen: 48.242 ug/l

RT: 11.305 min Scan# 1676

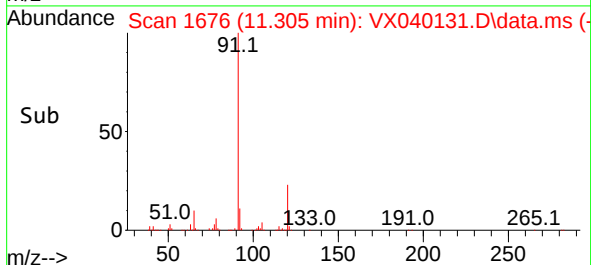
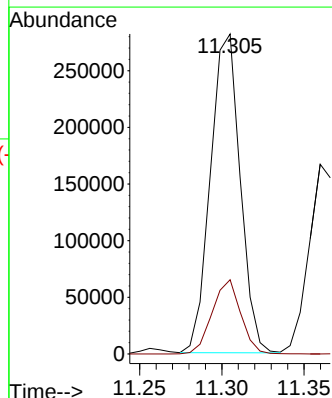
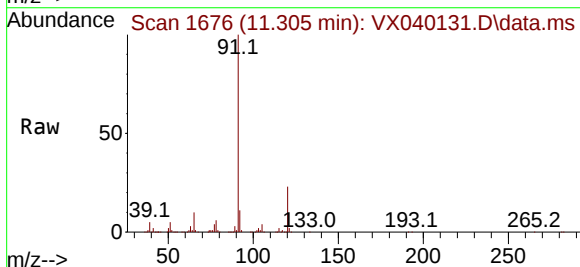
Delta R.T. 0.000 min

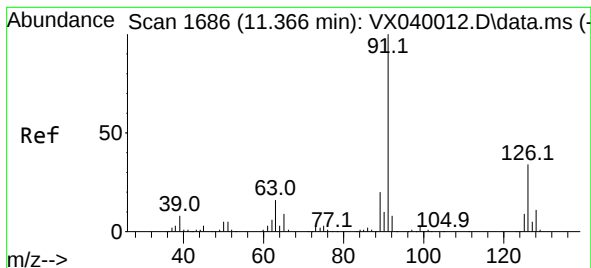
Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Tgt Ion: 91 Resp: 354517

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.5	34.4





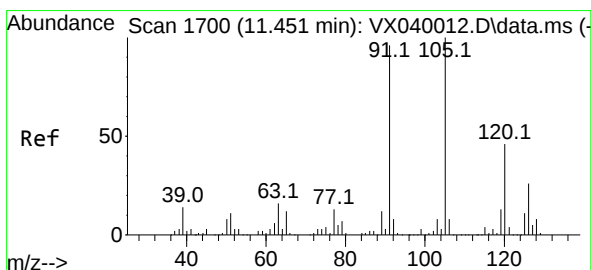
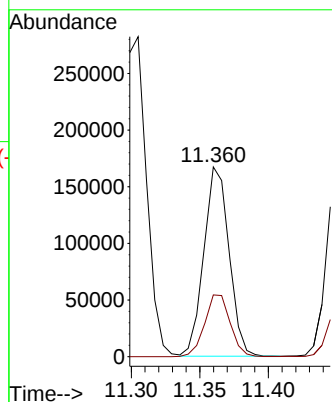
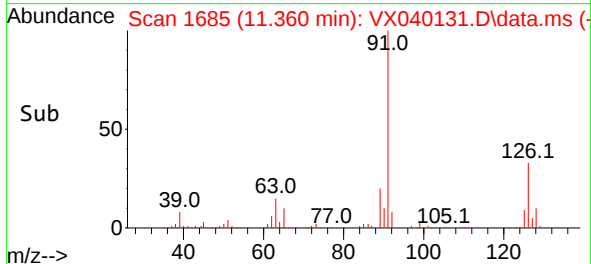
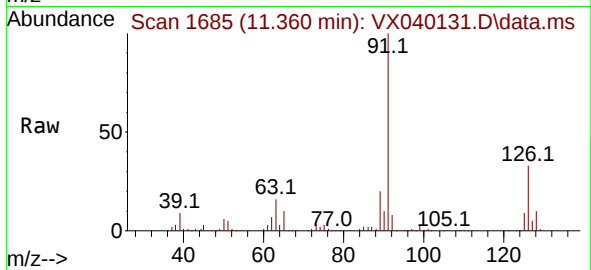
#79
2-Chlorotoluene
Concen: 48.239 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 213415
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

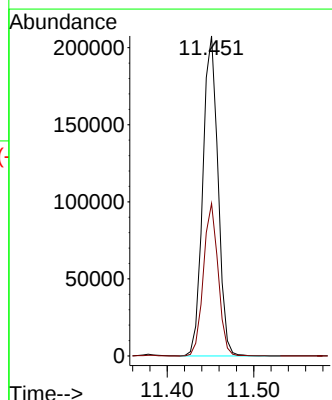
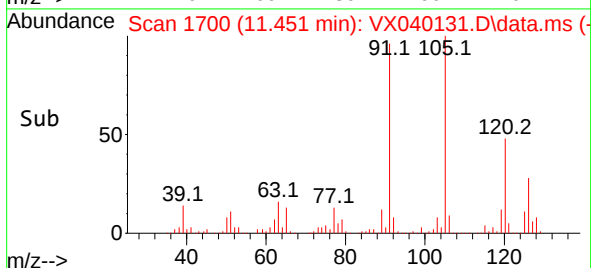
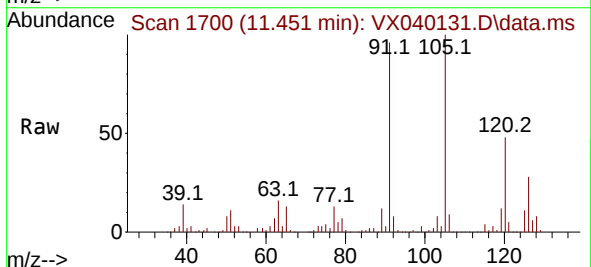
Manual Integrations
APPROVED

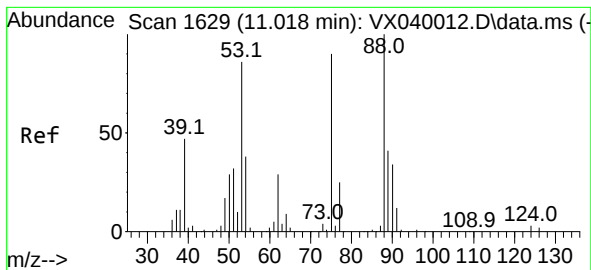
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.236 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

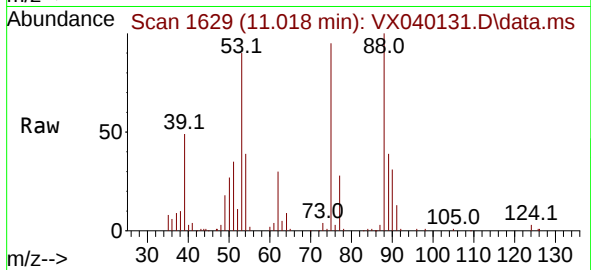
Tgt Ion:105 Resp: 252750
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.351 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

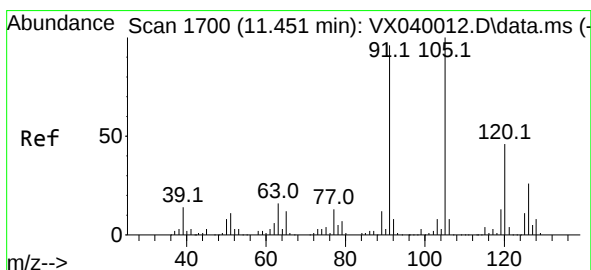
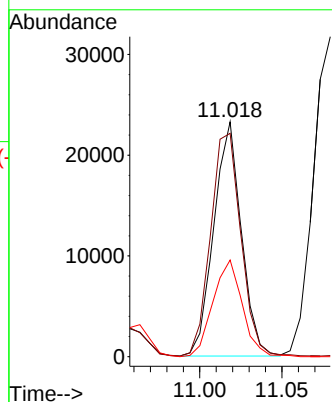
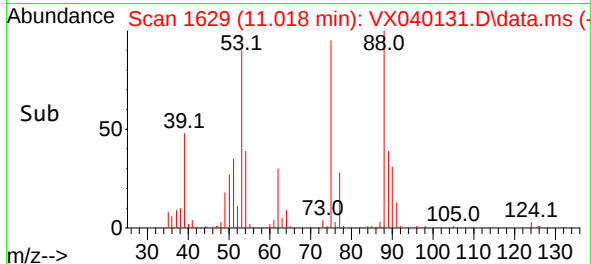
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 27018
Ion Ratio Lower Upper
75 100
53 105.3 90.5 135.7
89 44.1 36.9 55.3

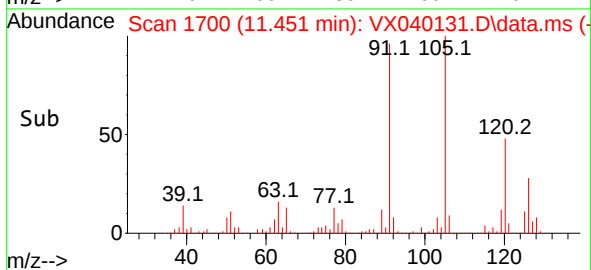
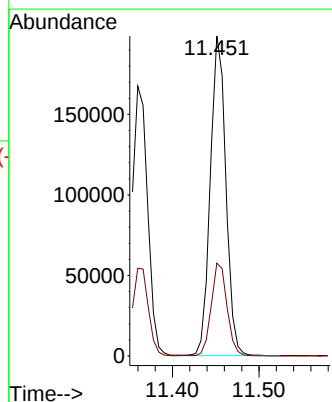
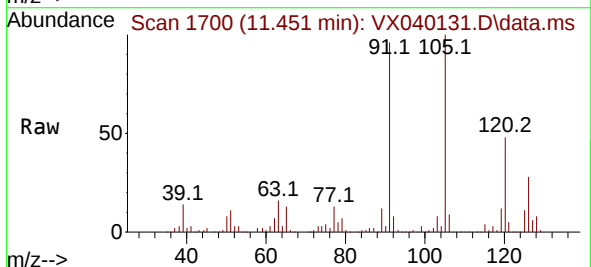
Manual Integrations
APPROVED

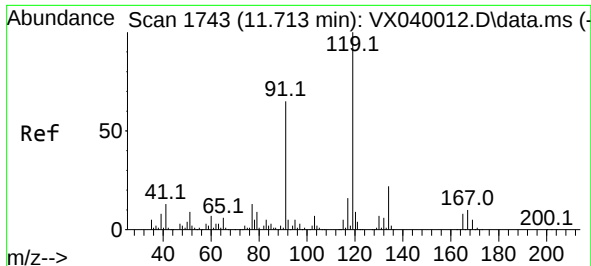
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#82
4-Chlorotoluene
Concen: 48.824 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

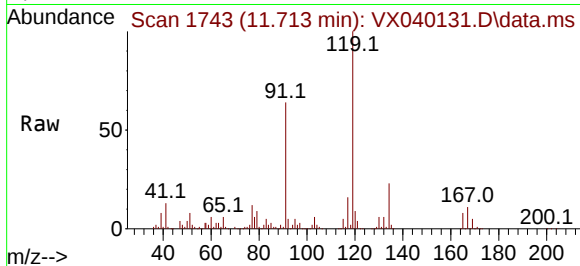
Tgt Ion: 91 Resp: 247916
Ion Ratio Lower Upper
91 100
126 29.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.383 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

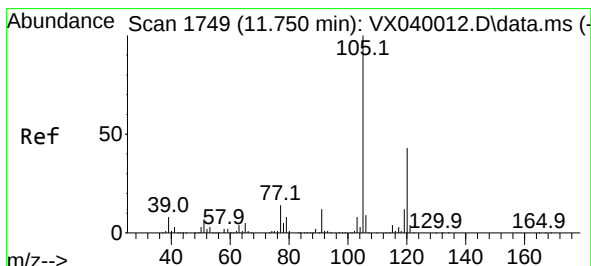
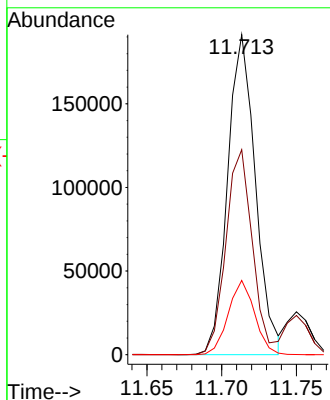
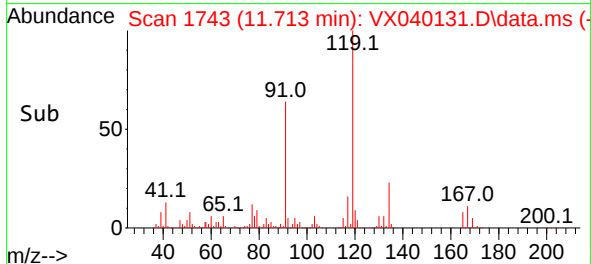
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 247497
Ion Ratio Lower Upper
119 100
91 60.5 31.2 93.6
134 22.0 11.7 35.0

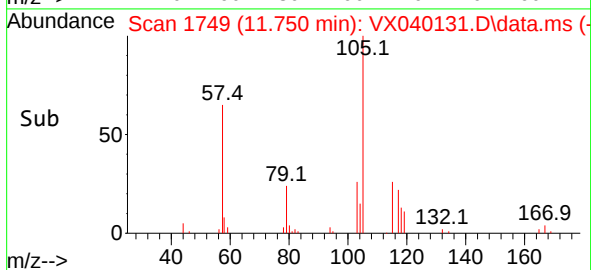
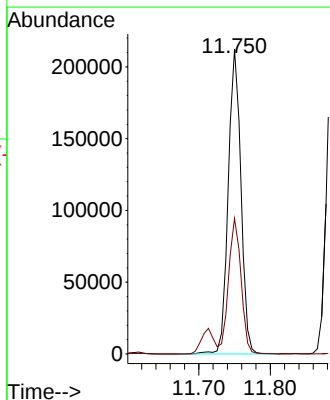
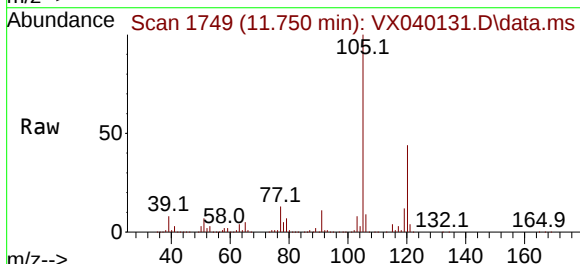
Manual Integrations
APPROVED

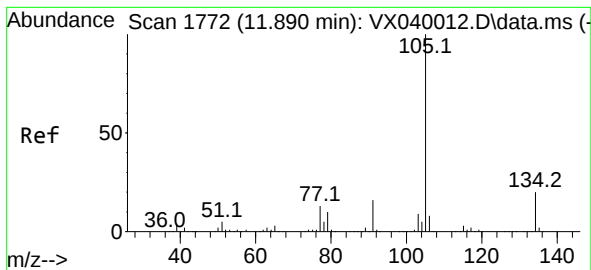
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.958 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

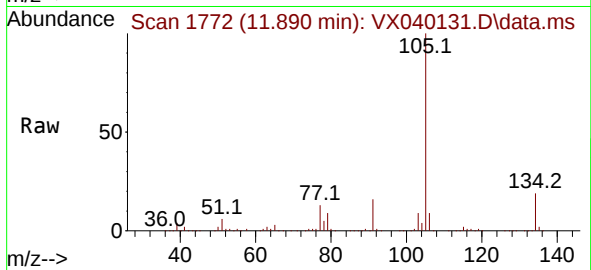
Tgt Ion:105 Resp: 261032
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.470 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040131.D
 Acq: 06 Feb 2024 10:47

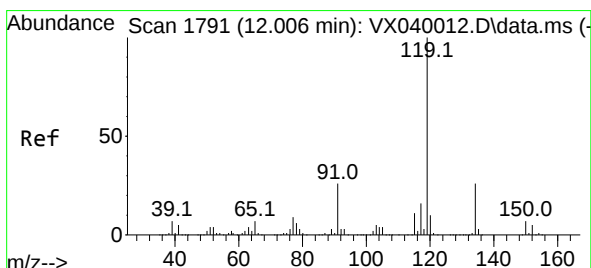
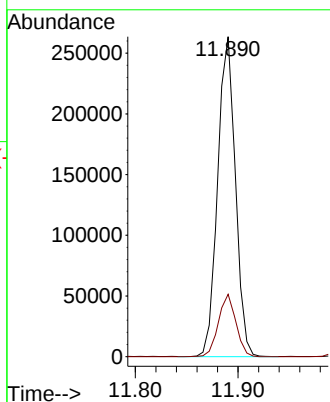
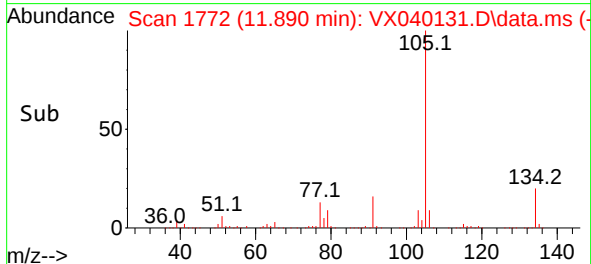
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



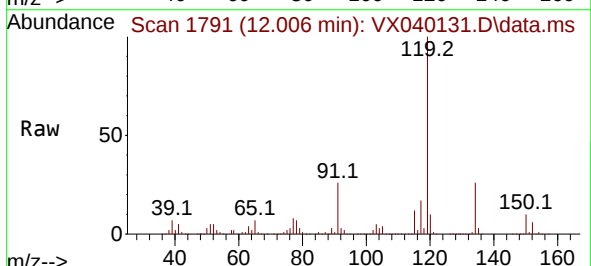
Tgt Ion:105 Resp: 315449
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

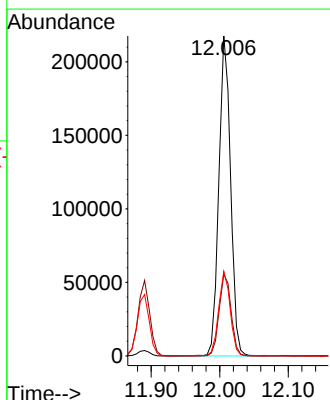
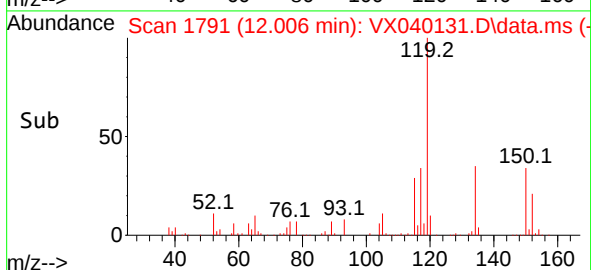
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

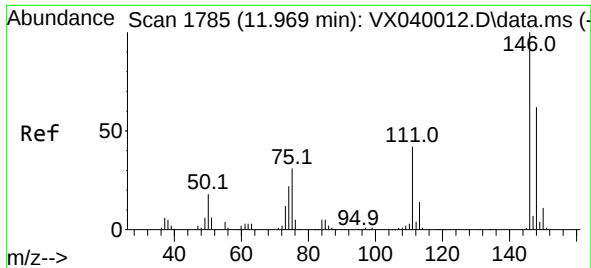


#86
 p-Isopropyltoluene
 Concen: 48.405 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040131.D
 Acq: 06 Feb 2024 10:47



Tgt Ion:119 Resp: 257245
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.441 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040131.D

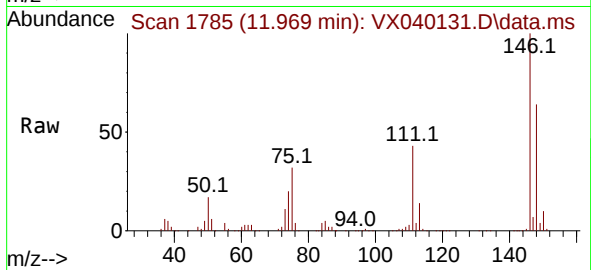
Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 140175

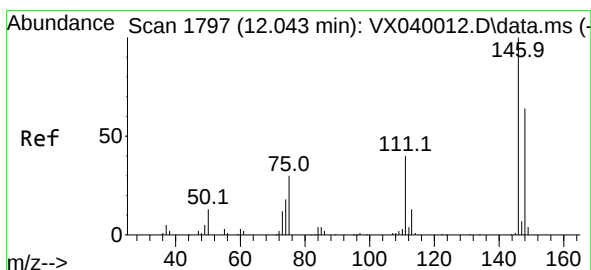
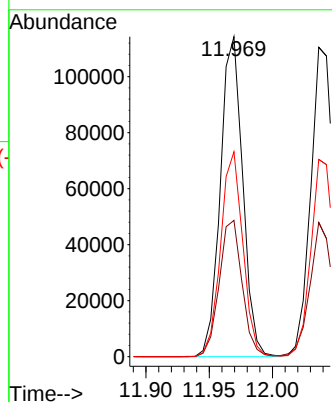
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#88

1,4-Dichlorobenzene

Concen: 50.119 ug/l

RT: 12.037 min Scan# 1796

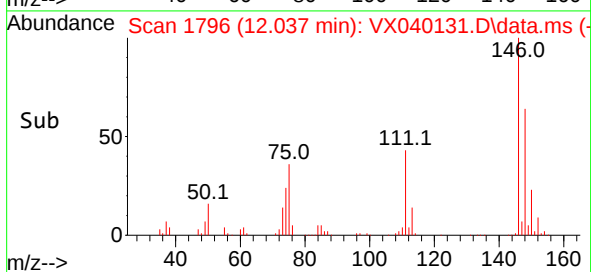
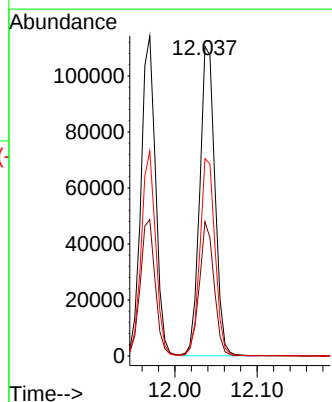
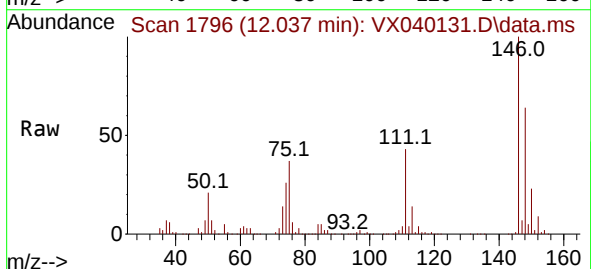
Delta R.T. -0.006 min

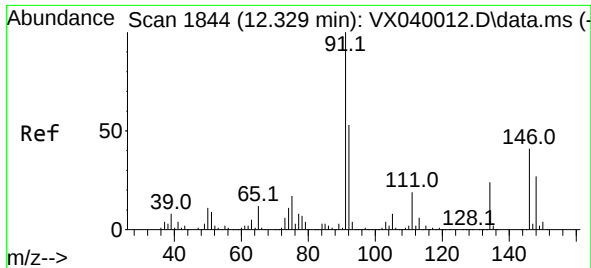
Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Tgt Ion:146 Resp: 142575

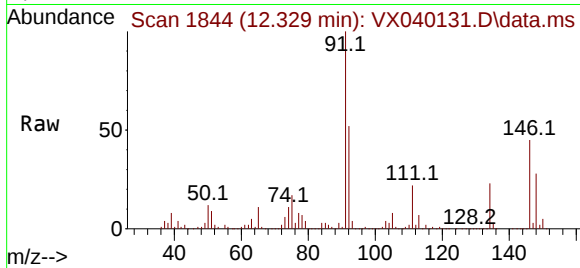
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.7
148	63.7	31.8	95.4





#89
n-Butylbenzene
Concen: 47.071 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

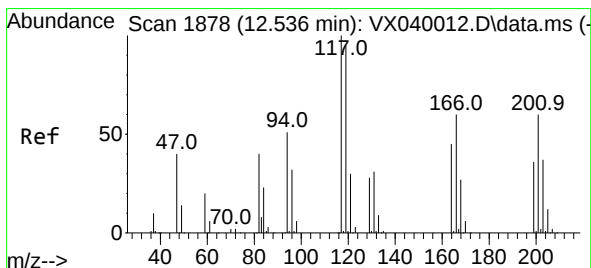
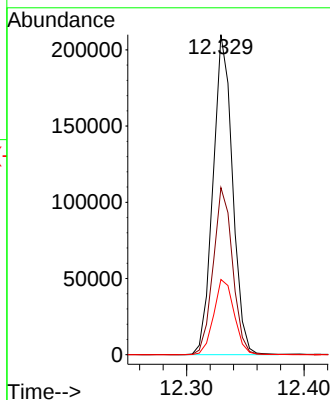
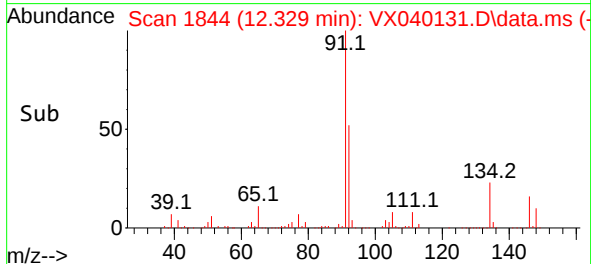
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 24280
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 24.7 12.6 37.8

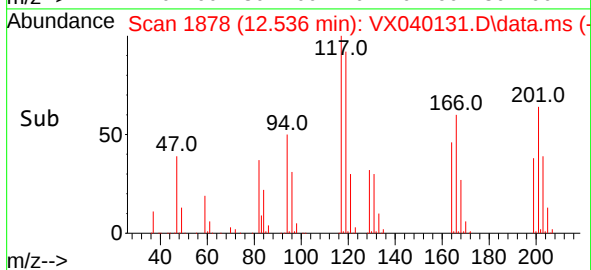
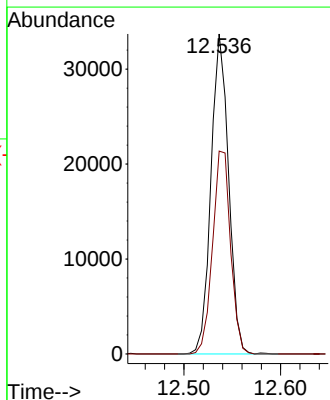
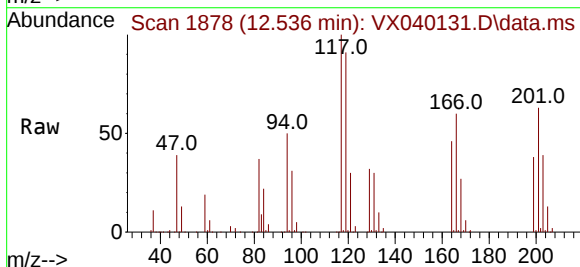
Manual Integrations
APPROVED

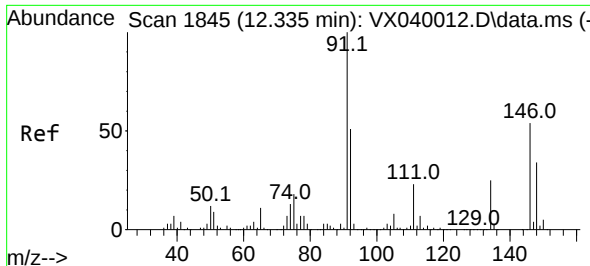
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#90
Hexachloroethane
Concen: 48.964 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

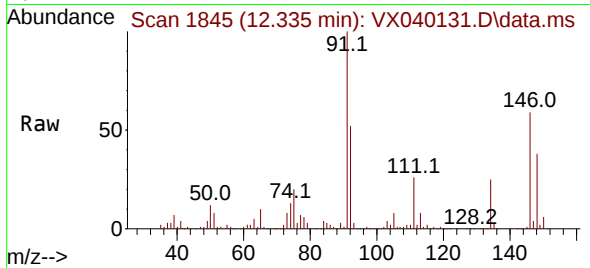
Tgt Ion:117 Resp: 42439
Ion Ratio Lower Upper
117 100
201 65.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.303 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

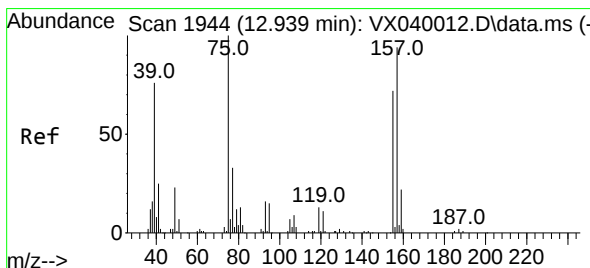
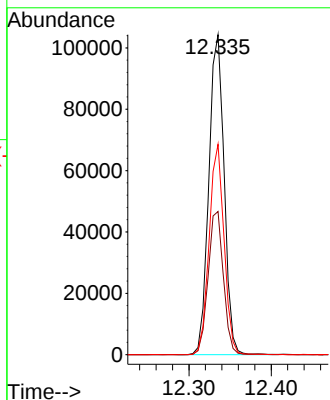
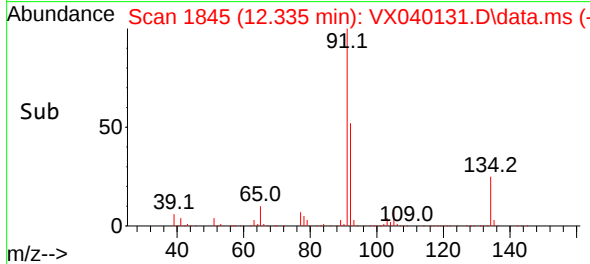
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



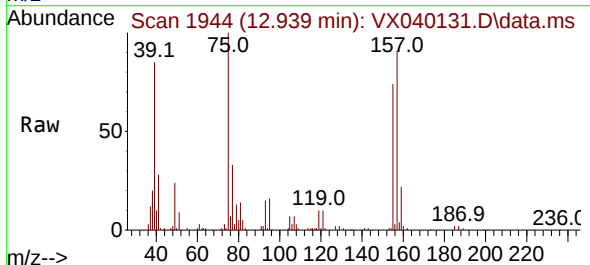
Tgt Ion:146 Resp: 134784
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
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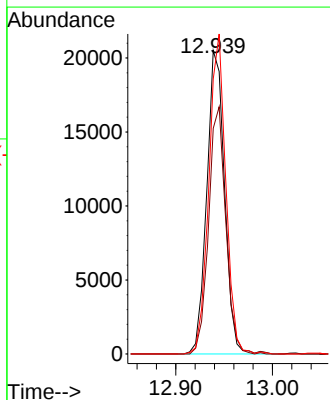
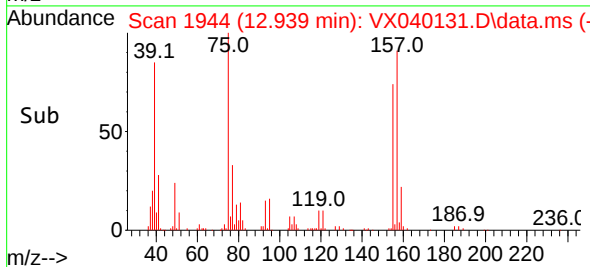
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

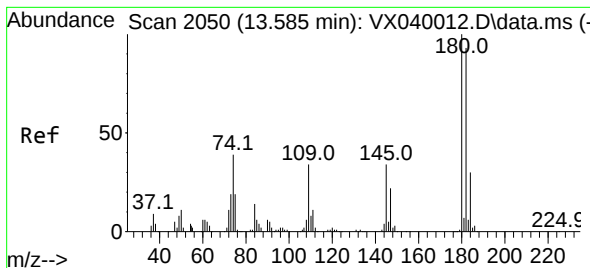


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.680 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47



Tgt Ion: 75 Resp: 26302
Ion Ratio Lower Upper
75 100
155 78.4 36.1 108.5
157 100.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.598 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

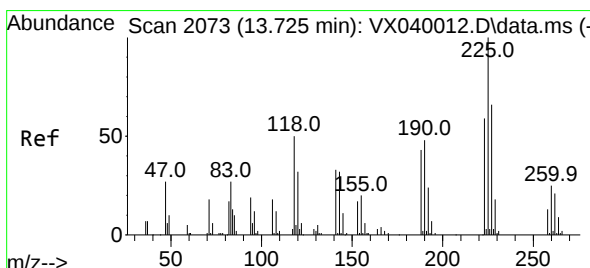
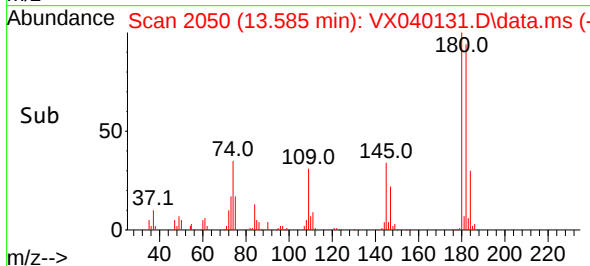
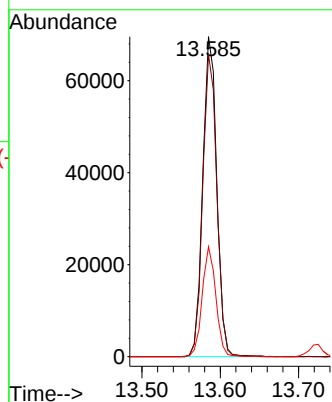
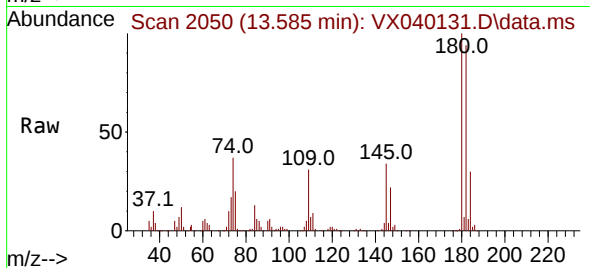
Tgt Ion:180	Resp:	86425
Ion Ratio	Lower	Upper
180	100	
182	94.7	48.3 144.8
145	33.5	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#94

Hexachlorobutadiene

Concen: 43.952 ug/l

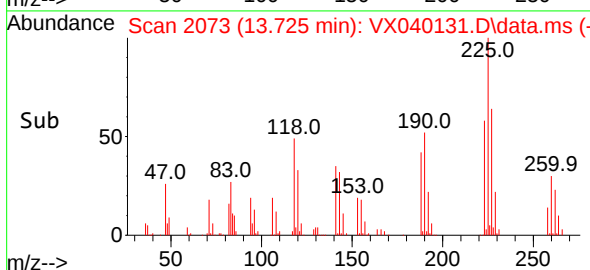
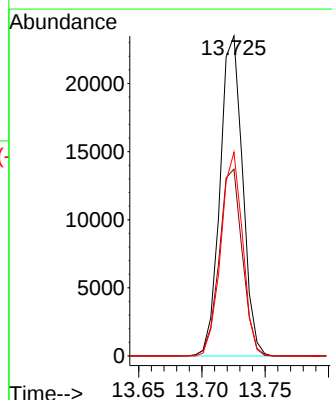
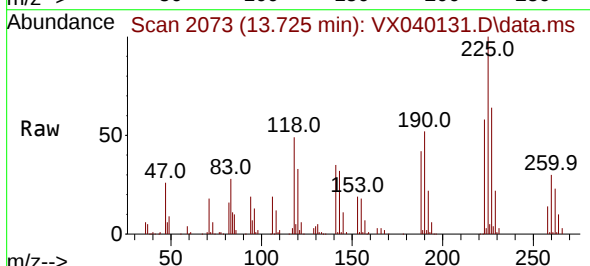
RT: 13.725 min Scan# 2073

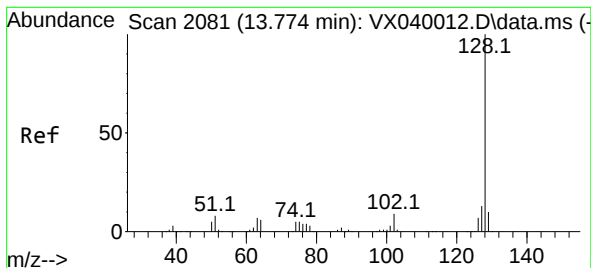
Delta R.T. 0.000 min

Lab File: VX040131.D

Acq: 06 Feb 2024 10:47

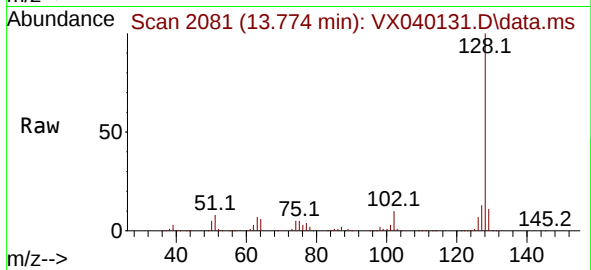
Tgt Ion:225	Resp:	28999
Ion Ratio	Lower	Upper
225	100	
223	59.8	31.1 93.2
227	61.6	32.5 97.5





#95
Naphthalene
Concen: 53.896 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

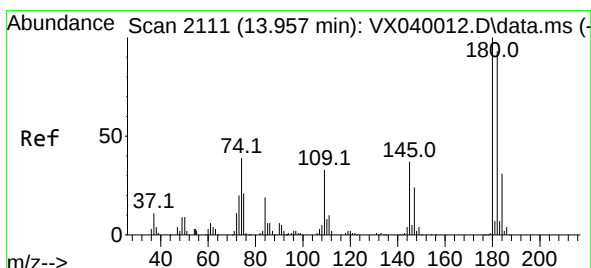
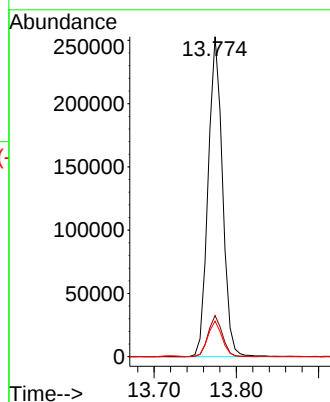
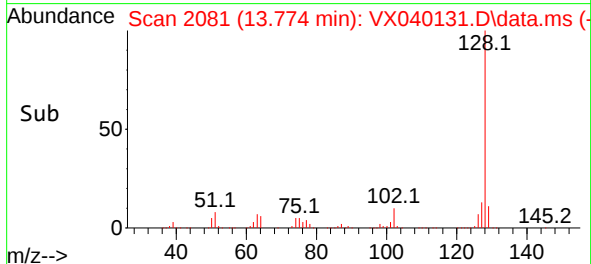
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 306611
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.691 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX040131.D
Acq: 06 Feb 2024 10:47

Tgt Ion:180 Resp: 83949
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 36.0 17.8 53.5

