

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040342.D
 Acq On : 19 Feb 2024 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Feb 20 01:21:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67991	55.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%			
35) Dibromofluoromethane	5.391	113	51264	50.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	8.647	98	183429	48.111	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.220%			
62) 4-Bromofluorobenzene	11.079	95	74156	47.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52801	56.615	ug/l	96
3) Chloromethane	1.294	50	50360	52.364	ug/l	99
4) Vinyl Chloride	1.374	62	52113	51.276	ug/l	98
5) Bromomethane	1.599	94	31962	55.729	ug/l	97
6) Chloroethane	1.685	64	31373	48.946	ug/l	97
7) Trichlorofluoromethane	1.886	101	81264	49.790	ug/l	100
8) Diethyl Ether	2.130	74	31583	51.512	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	48224	55.082	ug/l	98
10) Methyl Iodide	2.453	142	53542	55.086	ug/l	95
11) Tert butyl alcohol	2.959	59	59683	249.453	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	44472	52.758	ug/l	95
13) Acrolein	2.233	56	39989	181.081	ug/l	99
14) Allyl chloride	2.660	41	85506	58.452	ug/l	99
15) Acrylonitrile	3.062	53	163196	304.851	ug/l	100
16) Acetone	2.380	43	163638	324.372	ug/l	95
17) Carbon Disulfide	2.508	76	99018	44.494	ug/l	98
18) Methyl Acetate	2.703	43	75210	55.614	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	170600	57.447	ug/l	100
20) Methylene Chloride	2.788	84	58535	62.285	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	47831	49.822	ug/l	96
22) Diisopropyl ether	3.757	45	179880	60.632	ug/l	98
23) Vinyl Acetate	3.721	43	799625	302.347	ug/l	100
24) 1,1-Dichloroethane	3.611	63	99504	57.579	ug/l	100
25) 2-Butanone	4.556	43	241450	306.189	ug/l	99
26) 2,2-Dichloropropane	4.477	77	69194	52.013	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	59726	54.535	ug/l	96
28) Bromochloromethane	4.897	49	44432	60.558	ug/l	99
29) Tetrahydrofuran	5.001	42	151871	295.615	ug/l	99
30) Chloroform	5.092	83	104560	55.961	ug/l	99
31) Cyclohexane	5.470	56	75934	51.829	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	86716	55.168	ug/l	99
36) 1,1-Dichloropropene	5.690	75	72388	50.700	ug/l	100
37) Ethyl Acetate	4.715	43	88635	55.792	ug/l	99
38) Carbon Tetrachloride	5.678	117	67881	50.004	ug/l	99
39) Methylcyclohexane	7.379	83	78730	47.449	ug/l	99
40) Benzene	6.037	78	207269	51.913	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50462	59.918	ug/l	95
42) 1,2-Dichloroethane	6.080	62	84139	53.914	ug/l	99
43) Isopropyl Acetate	6.336	43	140550	56.674	ug/l	99
44) Trichloroethene	7.129	130	54045	49.072	ug/l	94
45) 1,2-Dichloropropane	7.427	63	58079	55.887	ug/l	98
46) Dibromomethane	7.580	93	40588	53.030	ug/l	99
47) Bromodichloromethane	7.818	83	79740	54.071	ug/l	98
48) Methyl methacrylate	7.690	41	70357	55.444	ug/l	94
49) 1,4-Dioxane	7.659	88	26837	972.150	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	479299	283.075	ug/l	99
52) Toluene	8.720	92	131776	50.388	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	82160	46.898	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87892	53.178	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	57437	51.493	ug/l	94
56) Ethyl methacrylate	9.116	69	90205	54.019	ug/l	98
57) 1,3-Dichloropropane	9.311	76	96786	53.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	209562	265.288	ug/l	95
59) 2-Hexanone	9.427	43	382729	285.099	ug/l	99
60) Dibromochloromethane	9.519	129	57620	50.703	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60363	50.912	ug/l	99
64) Tetrachloroethene	9.275	164	49778	51.837	ug/l	98
65) Chlorobenzene	10.079	112	141989	49.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49936	50.414	ug/l	97
67) Ethyl Benzene	10.195	91	266726	52.366	ug/l	97
68) m/p-Xylenes	10.299	106	196398	102.094	ug/l	97
69) o-Xylene	10.640	106	96518	51.631	ug/l	96
70) Styrene	10.652	104	164690	52.989	ug/l	99
71) Bromoform	10.799	173	40609	43.876	ug/l #	97
73) Isopropylbenzene	10.963	105	259184	51.581	ug/l	100
74) N-amyl acetate	10.841	43	128456	59.640	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	96499	53.454	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79591m	55.092	ug/l	
77) Bromobenzene	11.195	156	61450	51.778	ug/l	98
78) n-propylbenzene	11.305	91	318461	52.348	ug/l	98
79) 2-Chlorotoluene	11.366	91	184696	50.278	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	222362	52.564	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23454	45.902	ug/l	99
82) 4-Chlorotoluene	11.451	91	221795	50.958	ug/l	99
83) tert-Butylbenzene	11.713	119	207021	49.916	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	222669	52.028	ug/l	99
85) sec-Butylbenzene	11.890	105	280321	52.592	ug/l	98
86) p-Isopropyltoluene	12.006	119	227102	51.978	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118486	50.387	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	120188	48.268	ug/l	99
89) n-Butylbenzene	12.329	91	219748	52.103	ug/l	96
90) Hexachloroethane	12.536	117	35409	51.379	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	116952	51.376	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22656	54.375	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	76084	48.820	ug/l	98
94) Hexachlorobutadiene	13.725	225	28157	45.269	ug/l	99
95) Naphthalene	13.774	128	261066	53.038	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	75261	50.663	ug/l	98

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VSTDCCC050EC

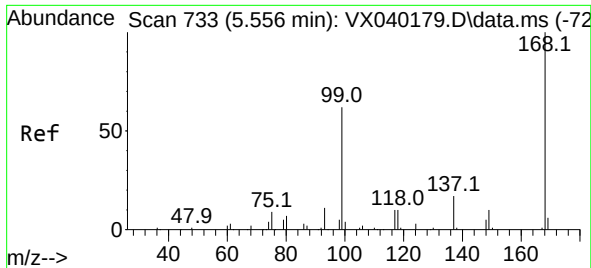
Manual Integrations
APPROVED

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

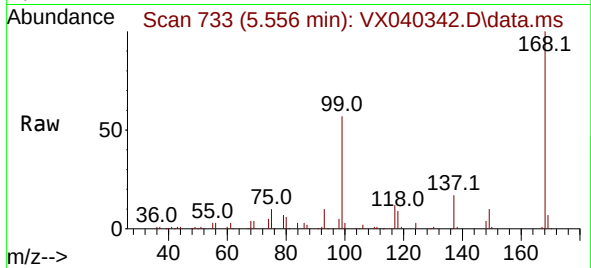
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
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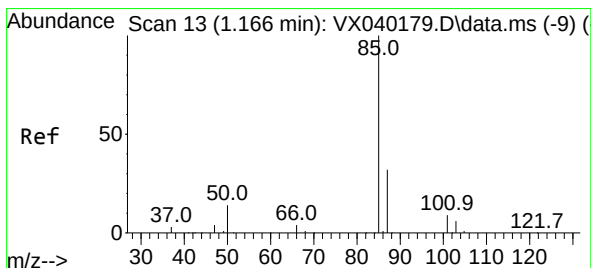
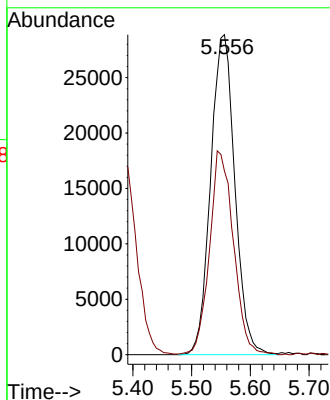
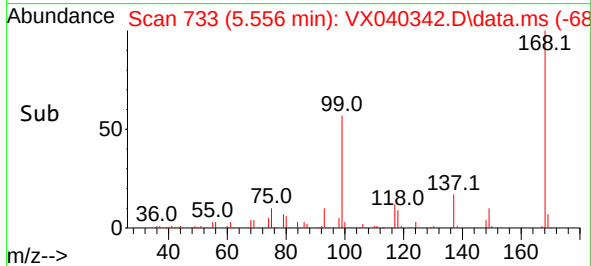
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 82564
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0

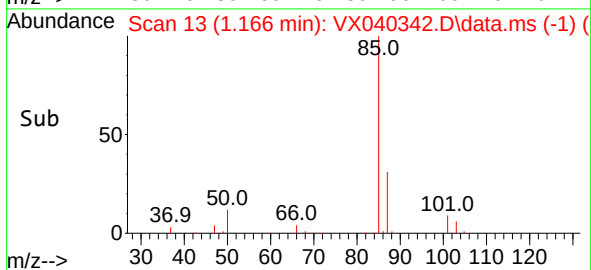
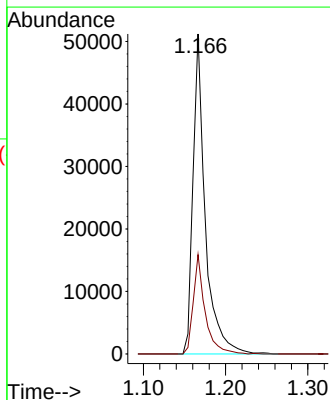
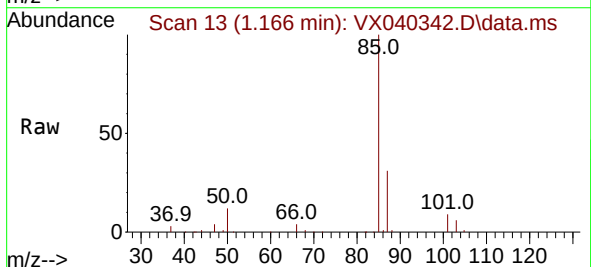
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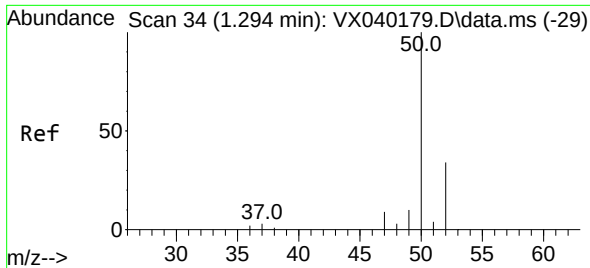
Reviewed By :John Carlone 02/20/2024
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#2
Dichlorodifluoromethane
Concen: 56.615 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 85 Resp: 52801
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





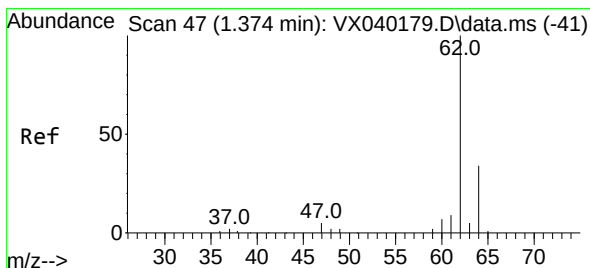
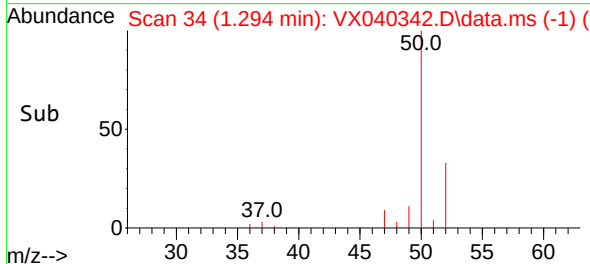
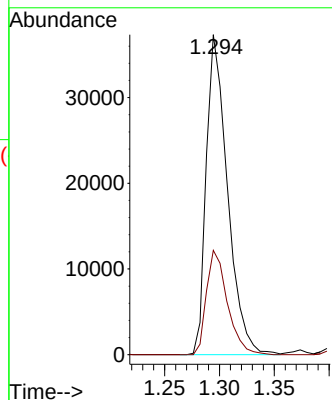
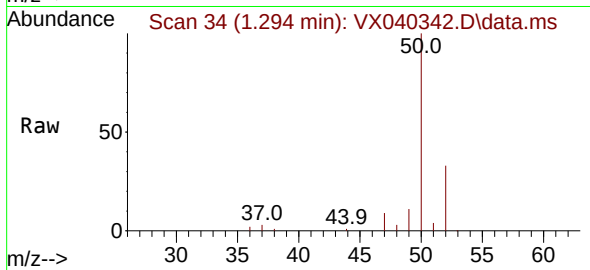
#3
Chloromethane
Concen: 52.364 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

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Tgt Ion: 50 Resp: 50360
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

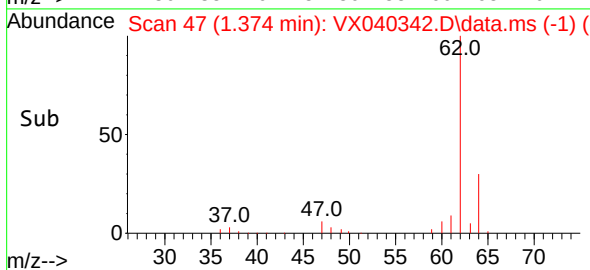
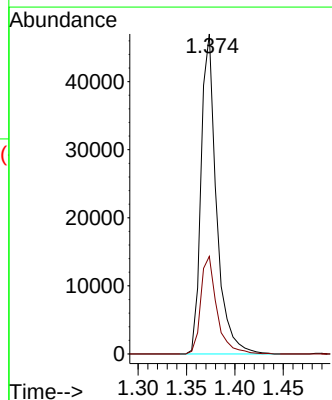
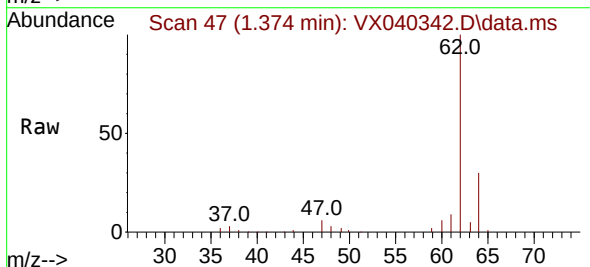
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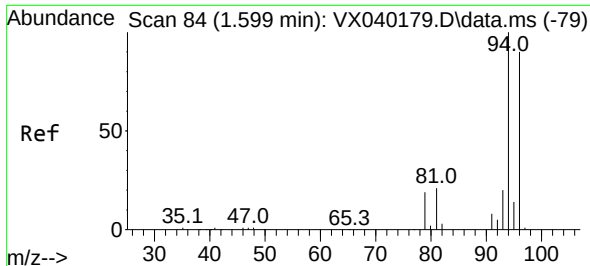
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 51.276 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

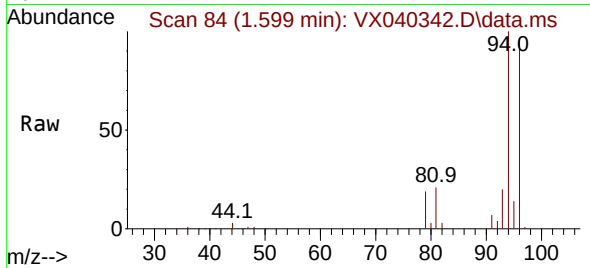
Tgt Ion: 62 Resp: 52113
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0





#5
Bromomethane
Concen: 55.729 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

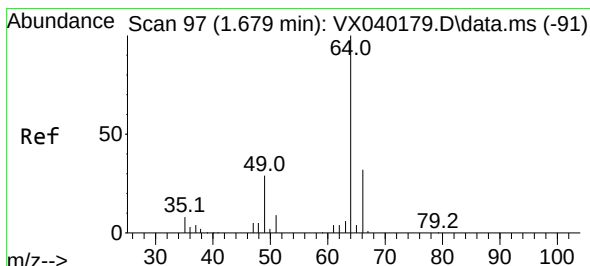
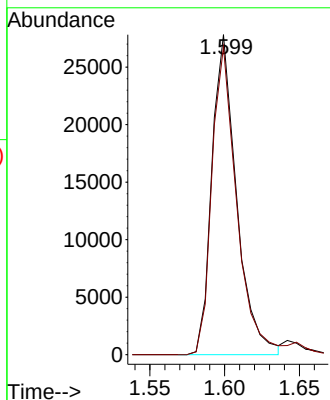
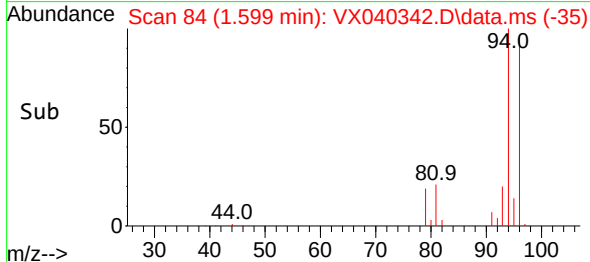
Instrument :
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Tgt Ion: 94 Resp: 31962
Ion Ratio Lower Upper
94 100
96 96.2 74.6 111.8

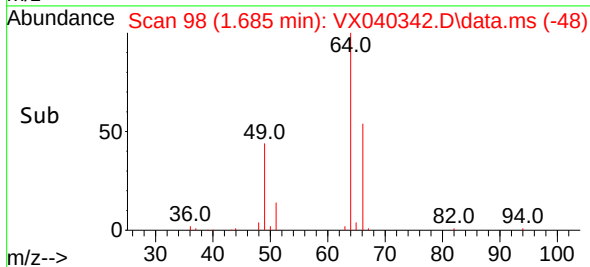
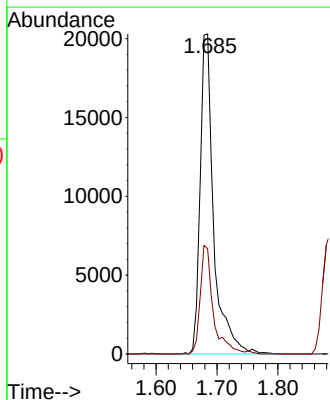
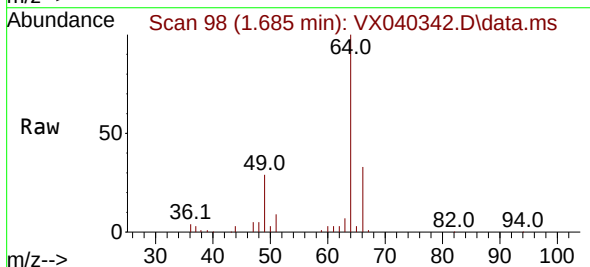
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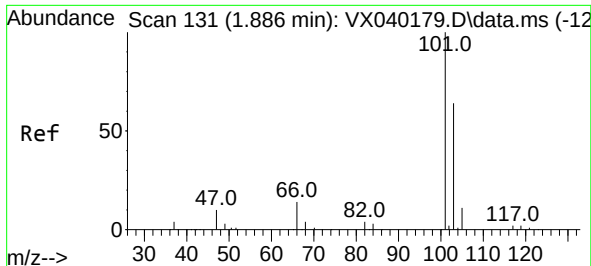
Reviewed By :John Carlone 02/20/2024
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#6
Chloroethane
Concen: 48.946 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

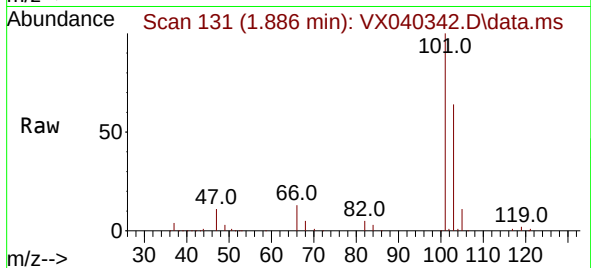
Tgt Ion: 64 Resp: 31373
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.790 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040342.D
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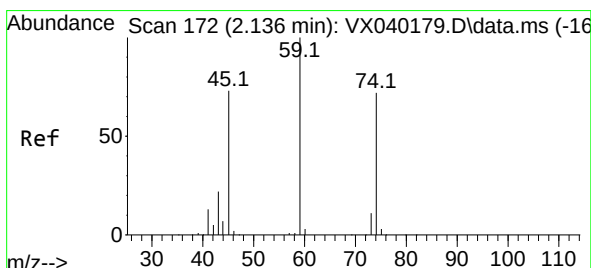
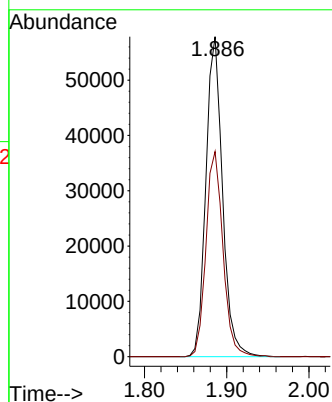
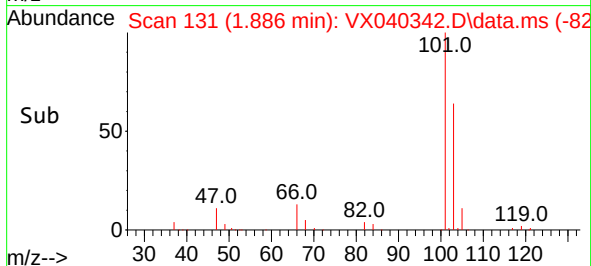
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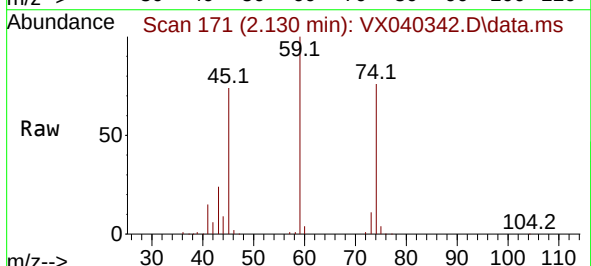
Tgt Ion:101 Resp: 81264
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

Manual Integrations
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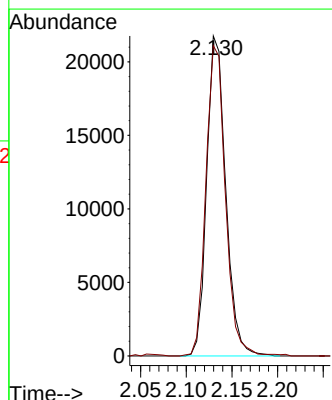
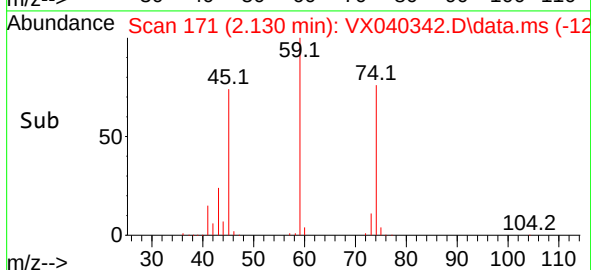
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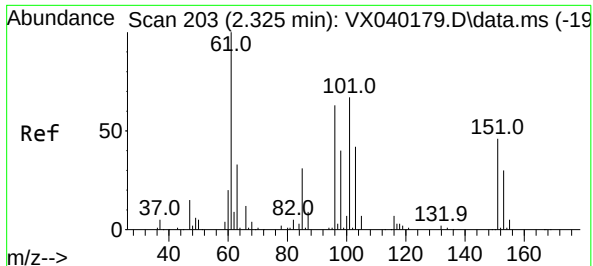


#8
Diethyl Ether
Concen: 51.512 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 74 Resp: 31583
Ion Ratio Lower Upper
74 100
45 99.6 53.3 159.8





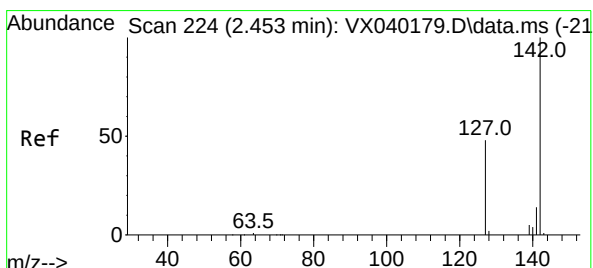
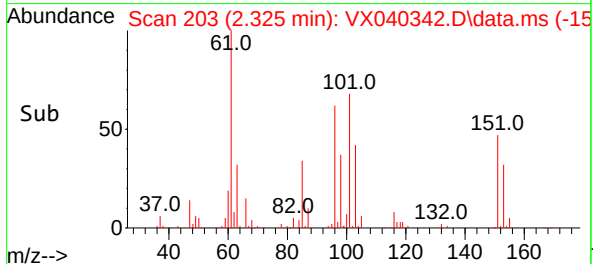
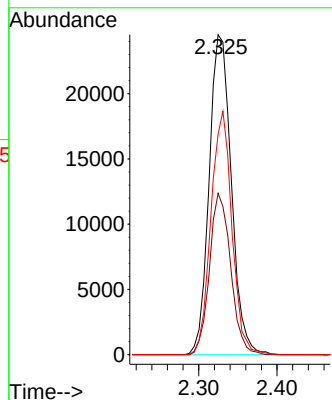
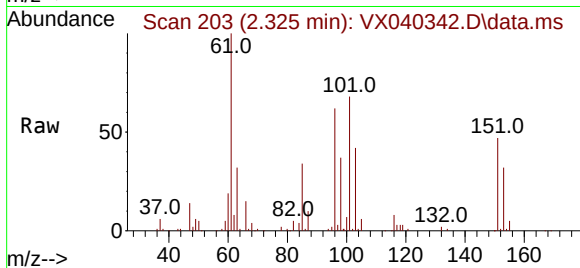
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.082 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

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ClientSampleId :
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Tgt Ion:101 Resp: 48224
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 72.1 58.6 87.8

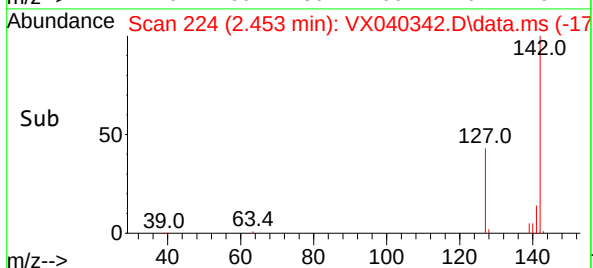
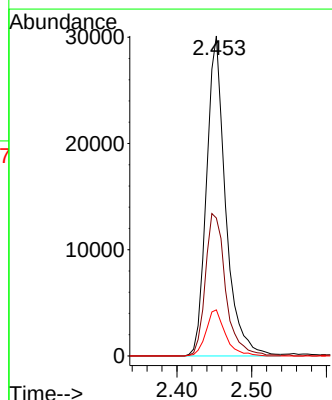
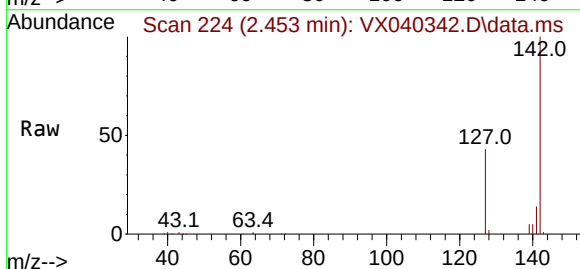
Manual Integrations
APPROVED

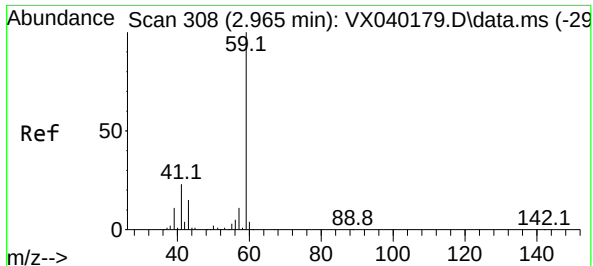
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 55.086 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion:142 Resp: 53542
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 249.453 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5968

Ion Ratio Lower Upper

59 100

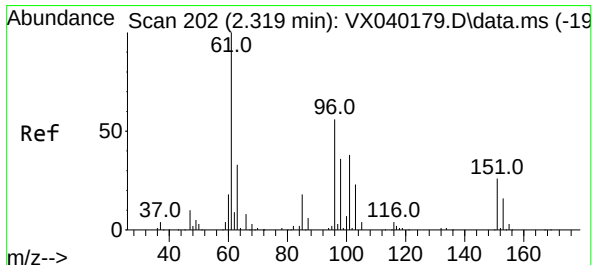
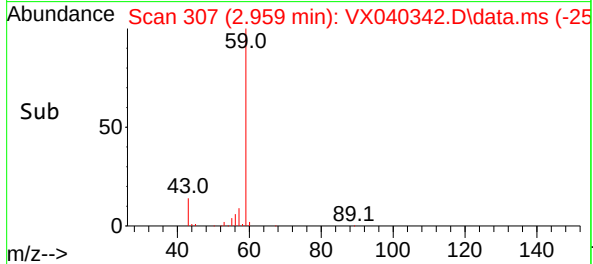
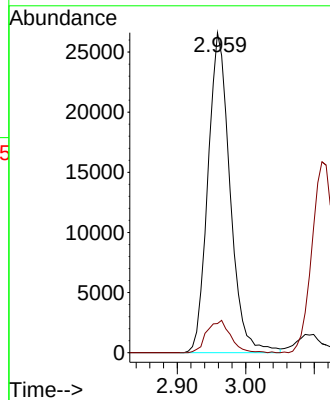
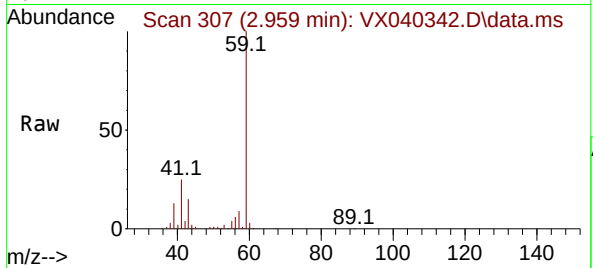
57 10.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#12

1,1-Dichloroethene

Concen: 52.758 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

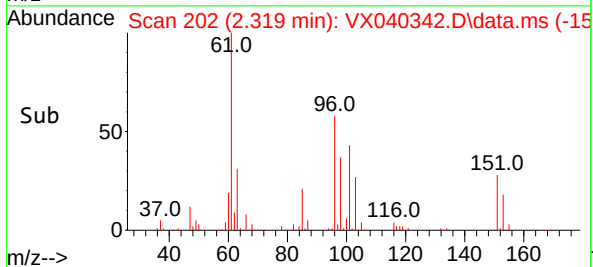
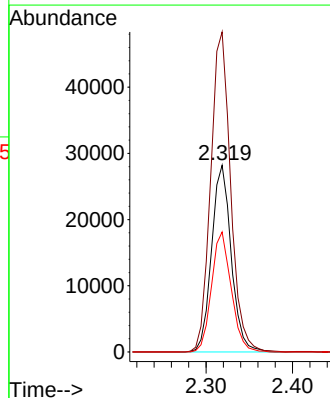
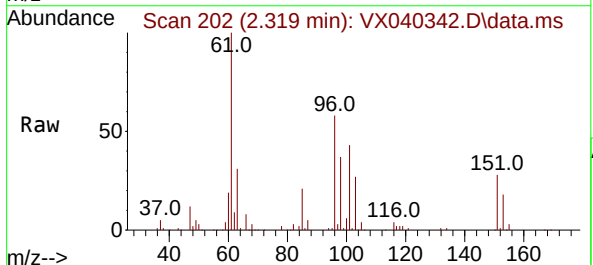
Tgt Ion: 96 Resp: 44472

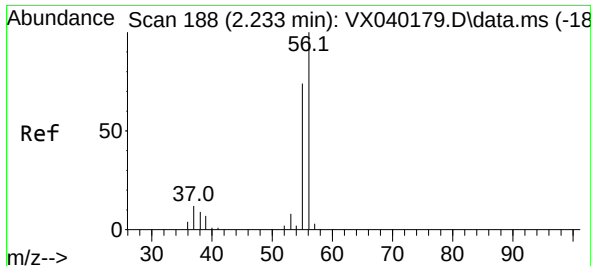
Ion Ratio Lower Upper

96 100

61 171.4 144.6 216.8

98 64.2 50.4 75.6





#13

Acrolein

Concen: 181.081 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 39989

Ion Ratio Lower Upper

56 100

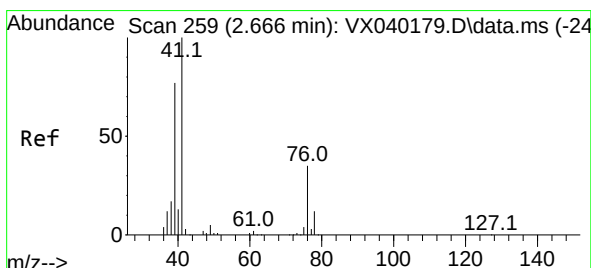
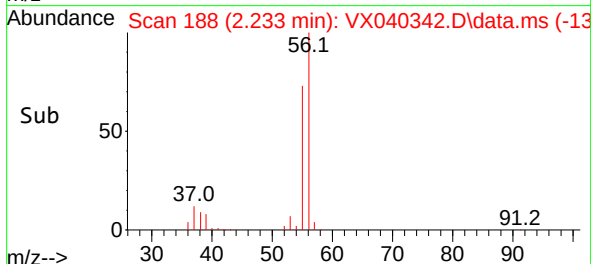
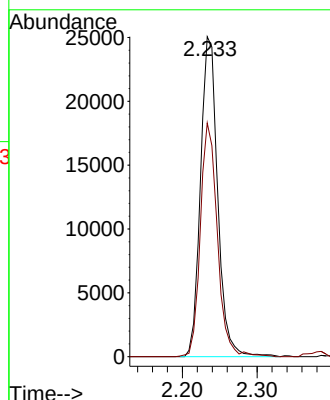
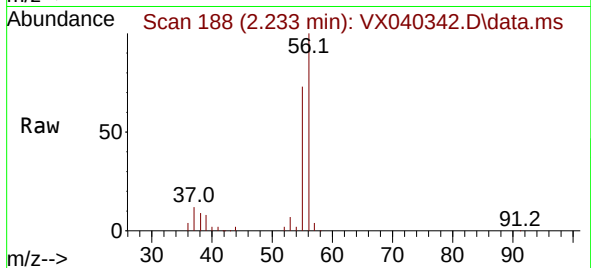
55 72.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#14

Allyl chloride

Concen: 58.452 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

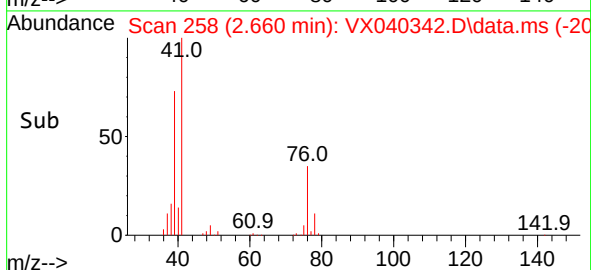
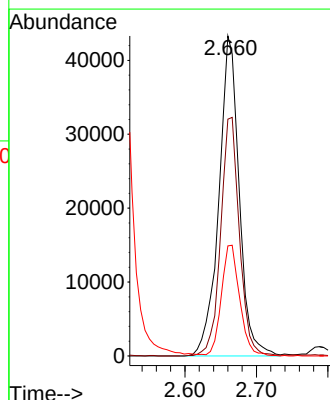
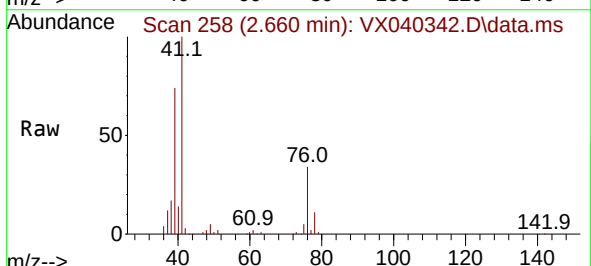
Tgt Ion: 41 Resp: 85506

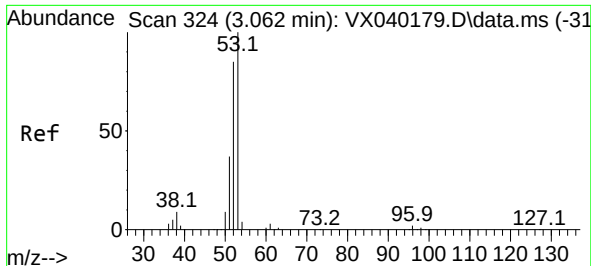
Ion Ratio Lower Upper

41 100

39 68.7 55.8 83.6

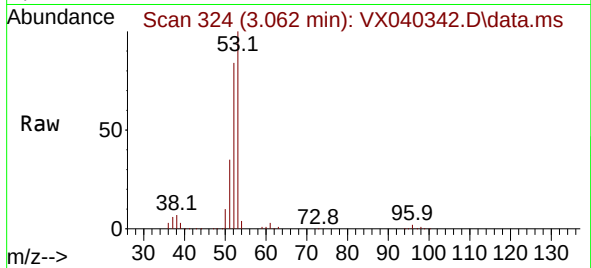
76 31.4 24.3 36.5





#15
Acrylonitrile
Concen: 304.851 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

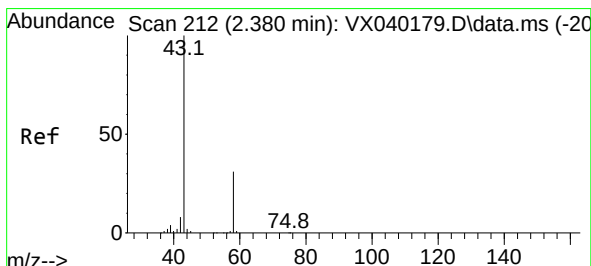
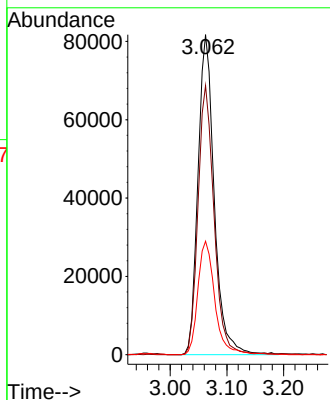
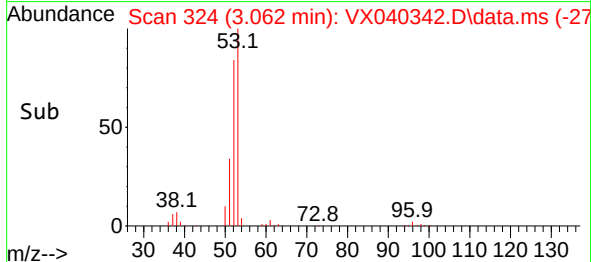
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 163190
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.7 29.8 44.6

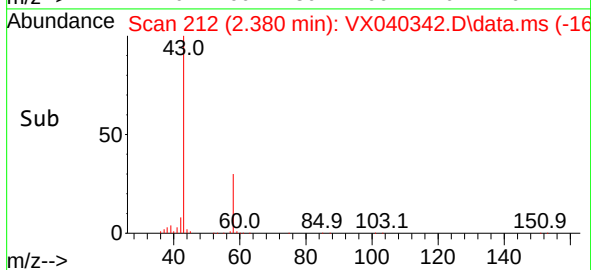
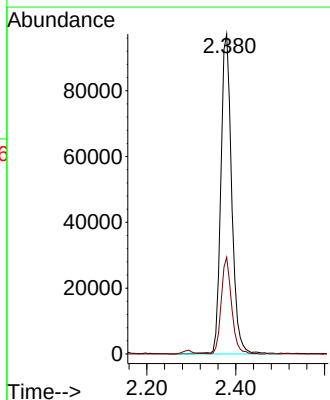
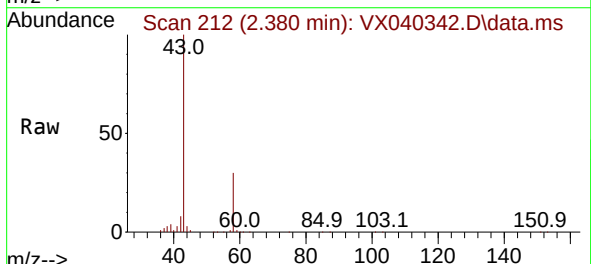
Manual Integrations
APPROVED

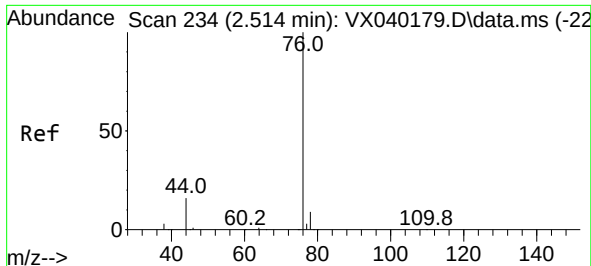
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 324.372 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 43 Resp: 163638
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9





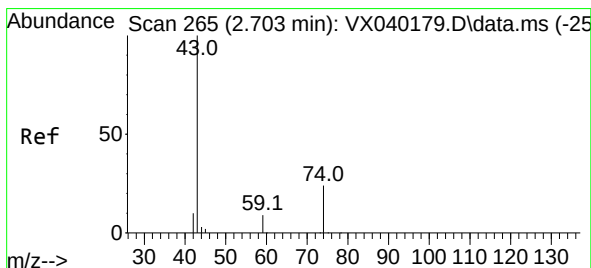
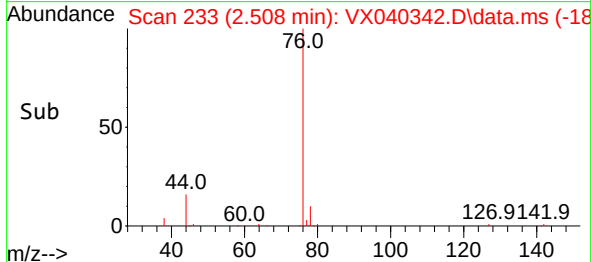
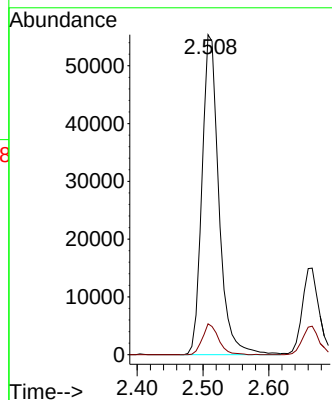
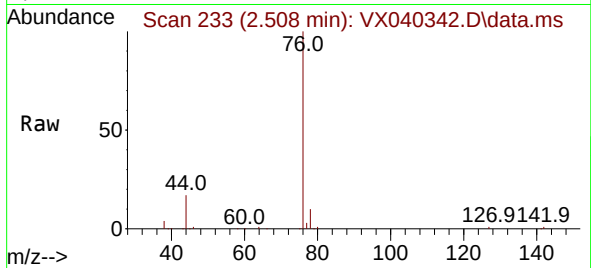
#17
Carbon Disulfide
Concen: 44.494 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 99018
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

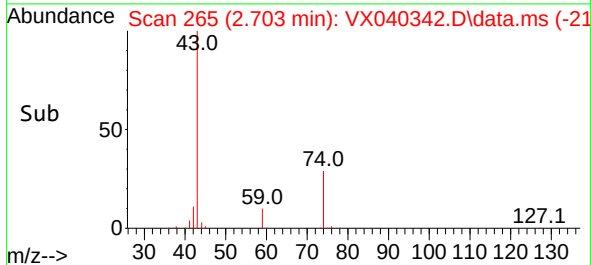
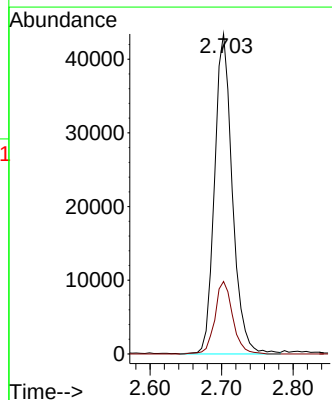
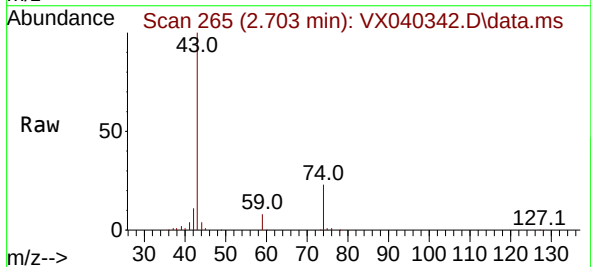
Manual Integrations
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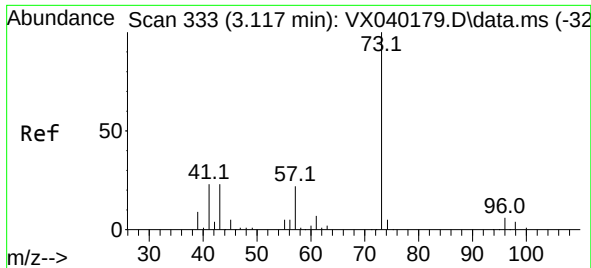
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 55.614 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 43 Resp: 75210
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





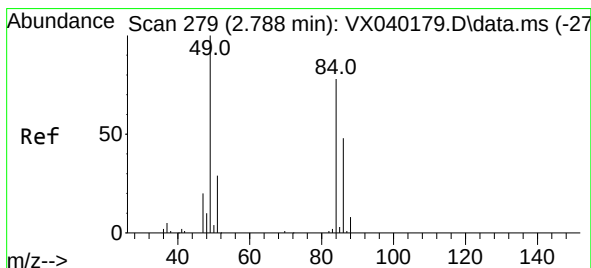
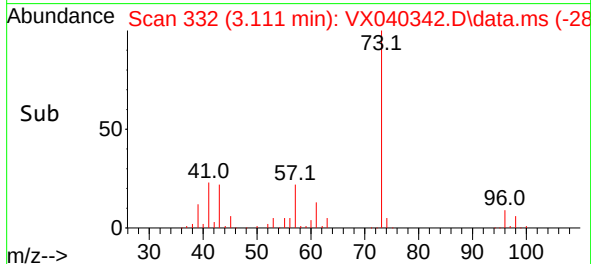
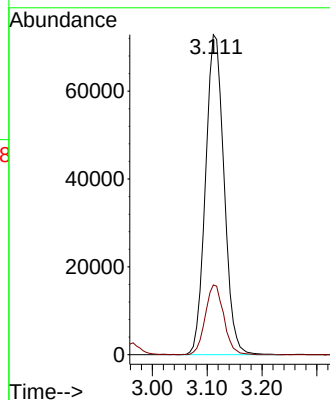
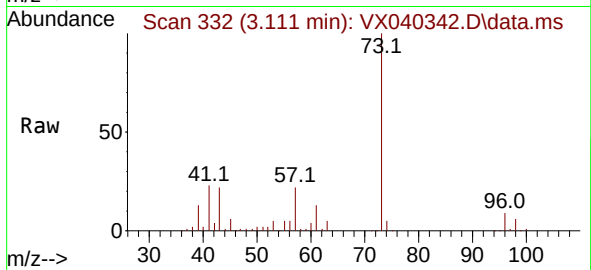
#19
Methyl tert-butyl Ether
Concen: 57.447 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 170600
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

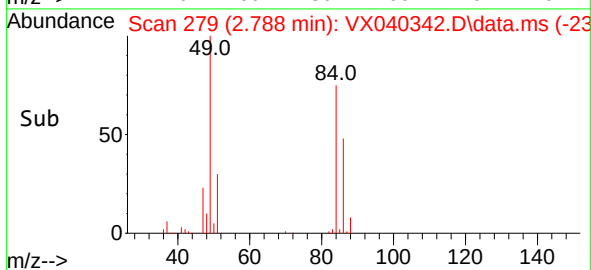
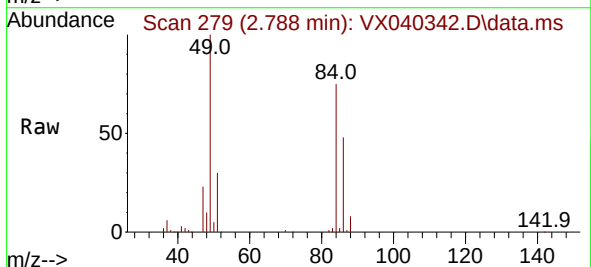
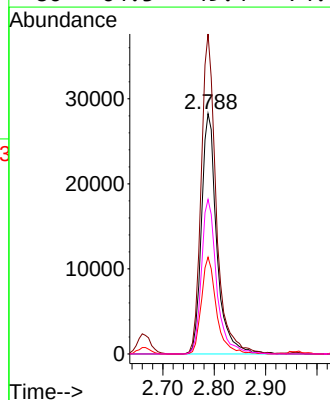
Manual Integrations
APPROVED

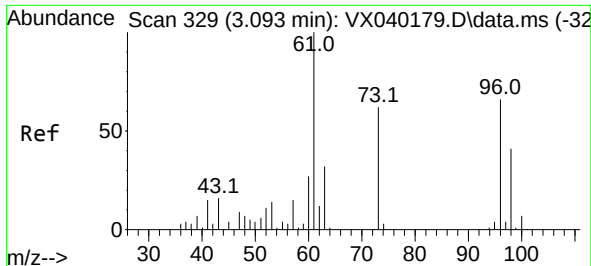
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 62.285 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

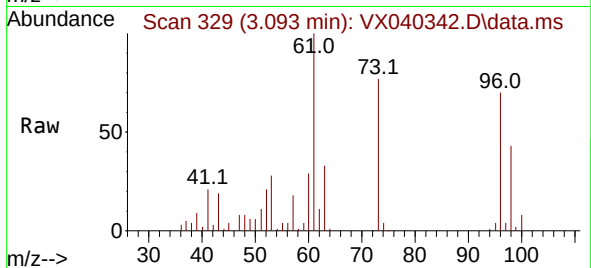
Tgt Ion: 84 Resp: 58535
Ion Ratio Lower Upper
84 100
49 133.2 103.6 155.4
51 40.3 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.822 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

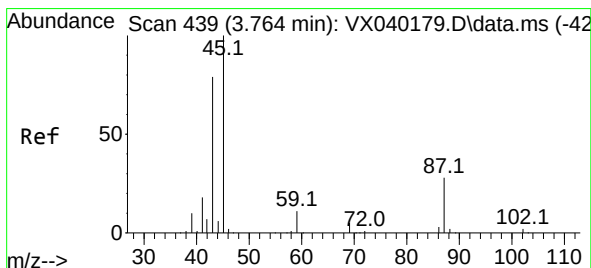
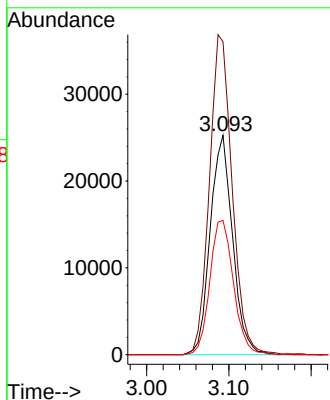
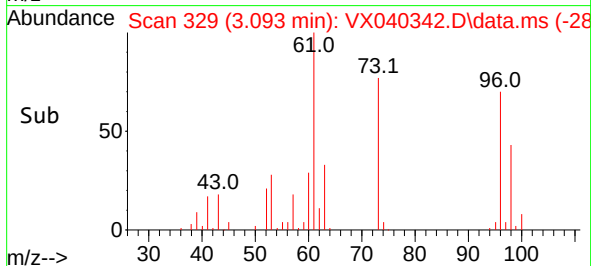
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



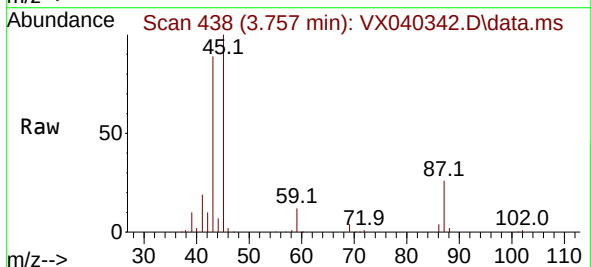
Tgt Ion: 96 Resp: 4783
Ion Ratio Lower Upper
96 100
61 142.7 119.2 178.8
98 61.2 48.7 73.1

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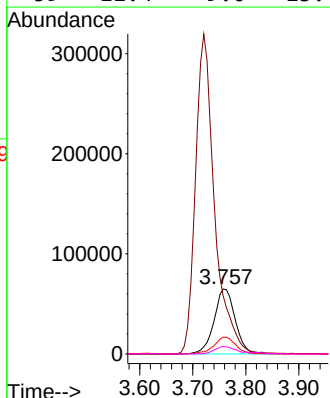
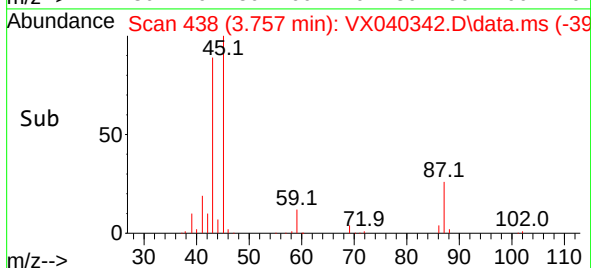
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

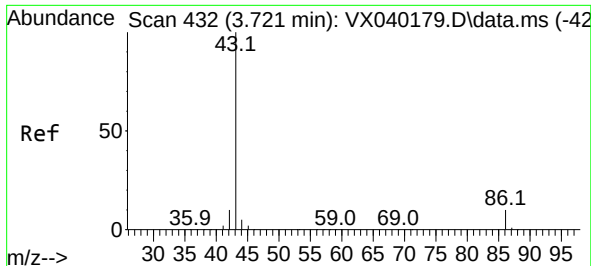


#22
Diisopropyl ether
Concen: 60.632 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 45 Resp: 179880
Ion Ratio Lower Upper
45 100
43 89.0 69.7 104.5
87 25.9 20.8 31.2
59 11.4 9.0 13.4





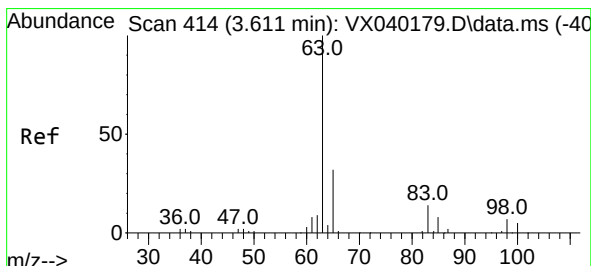
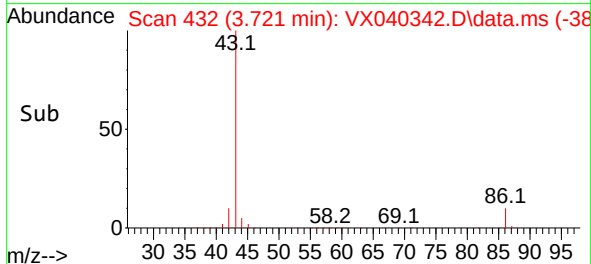
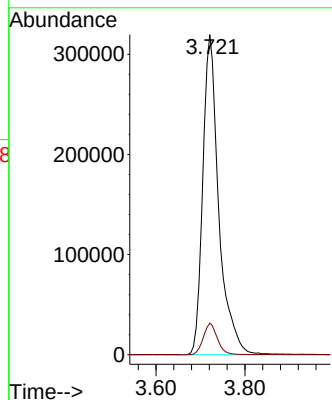
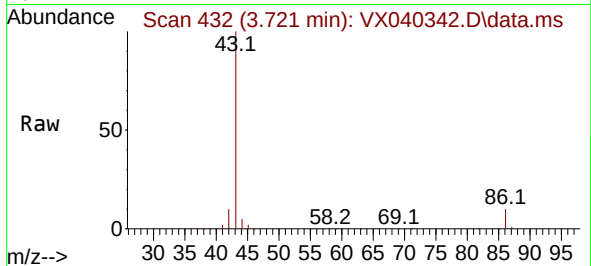
#23
 Vinyl Acetate
 Concen: 302.347 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040342.D
 Acq: 19 Feb 2024 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 799629
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

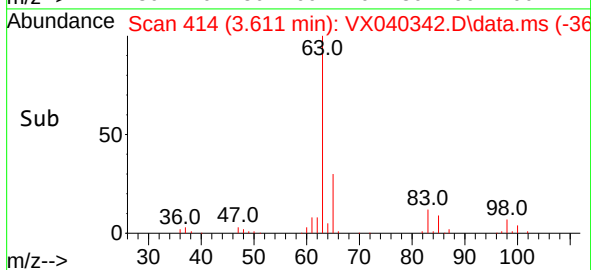
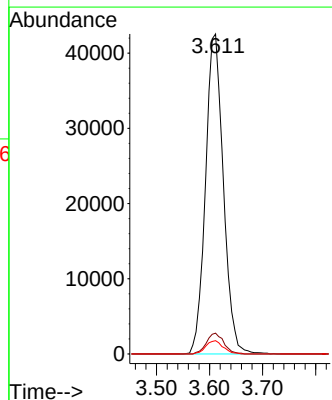
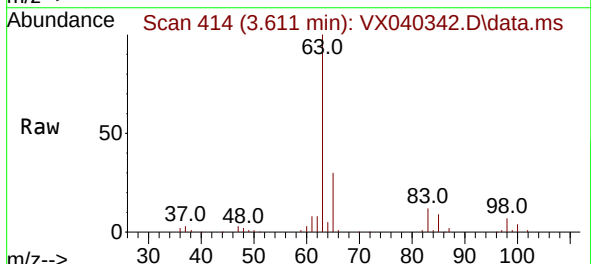
Manual Integrations
 APPROVED

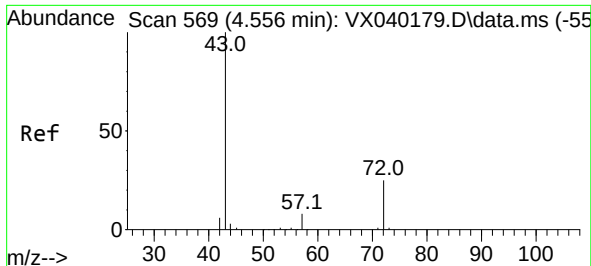
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 57.579 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040342.D
 Acq: 19 Feb 2024 19:38

Tgt Ion: 63 Resp: 99504
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.2 2.1 6.5





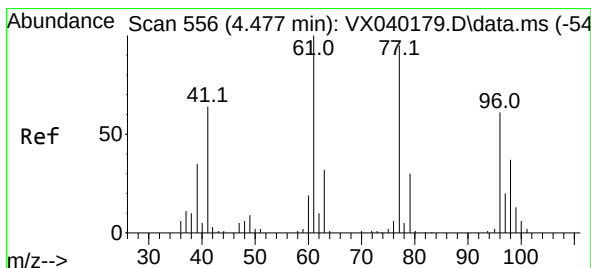
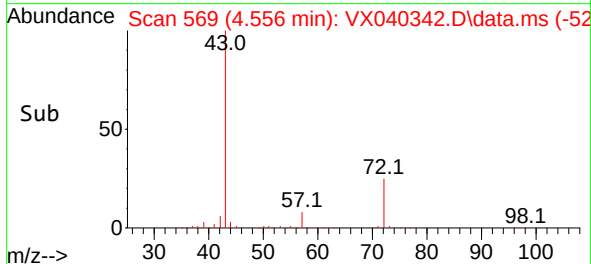
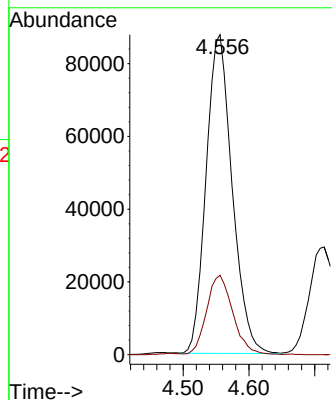
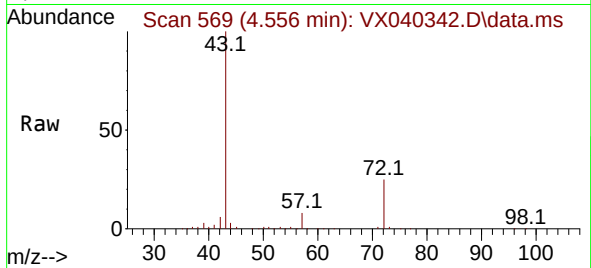
#25
2-Butanone
Concen: 306.189 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 241450
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

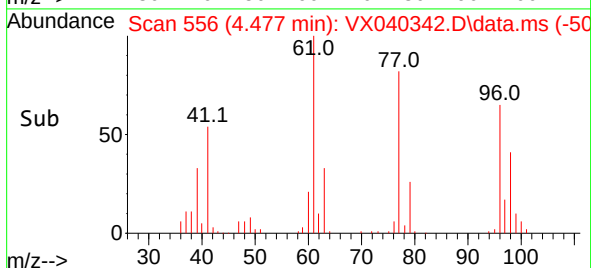
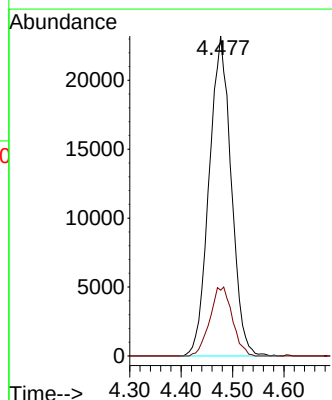
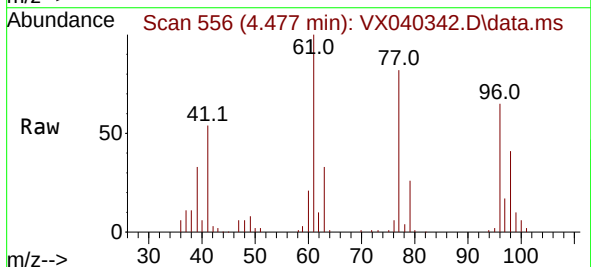
Manual Integrations
APPROVED

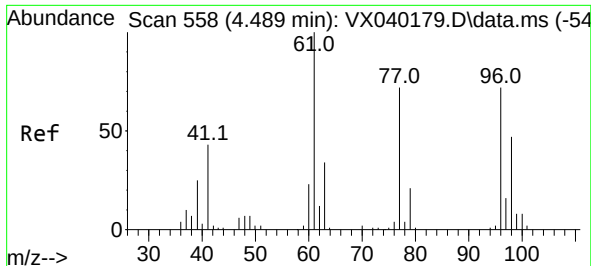
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 52.013 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 77 Resp: 69194
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.535 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 59720

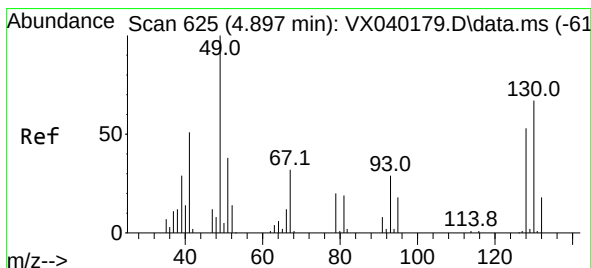
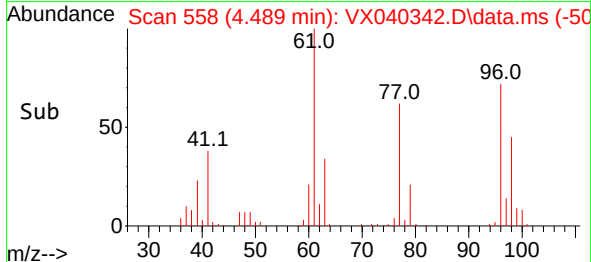
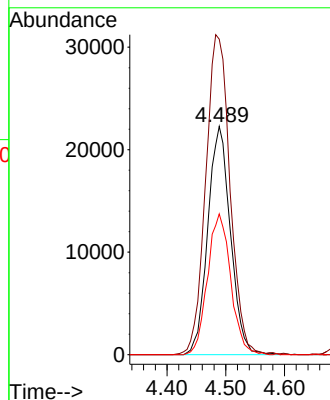
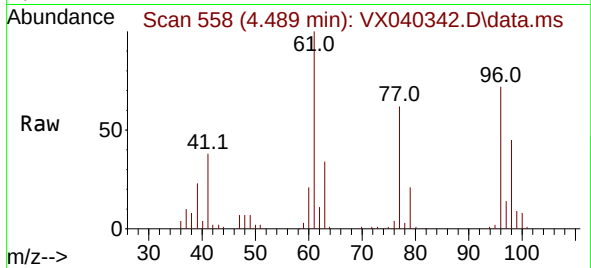
Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	312.2
98	63.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#28

Bromochloromethane

Concen: 60.558 ug/l

RT: 4.897 min Scan# 625

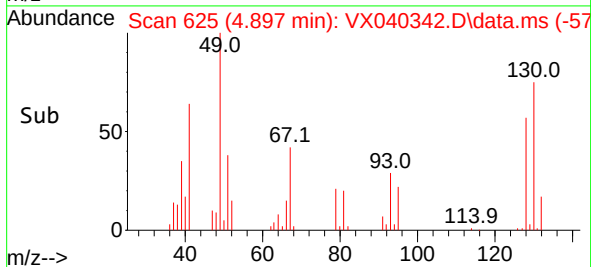
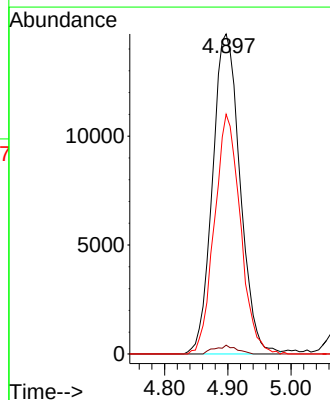
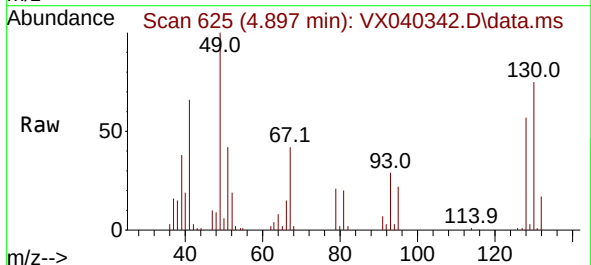
Delta R.T. 0.000 min

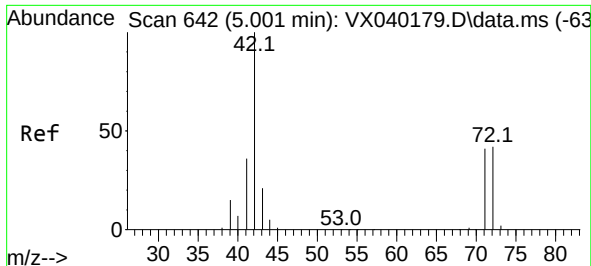
Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Tgt Ion: 49 Resp: 44432

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	70.6	57.5	86.3





#29

Tetrahydrofuran

Concen: 295.615 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15187

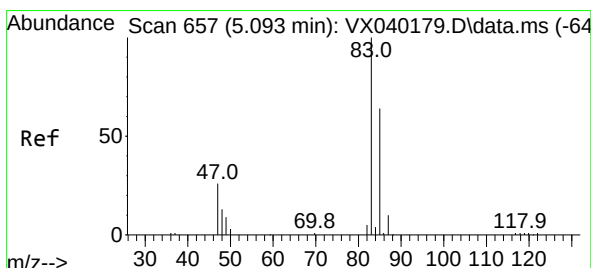
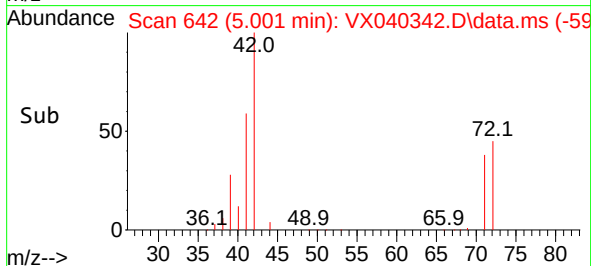
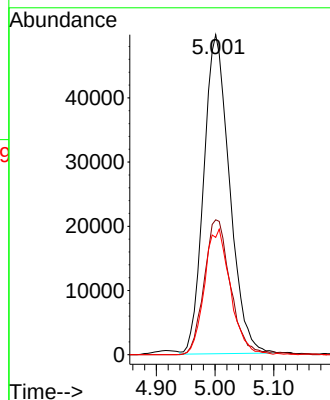
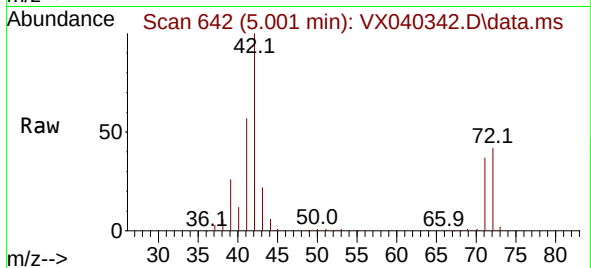
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.2	51.4
71	39.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 55.961 ug/l

RT: 5.092 min Scan# 657

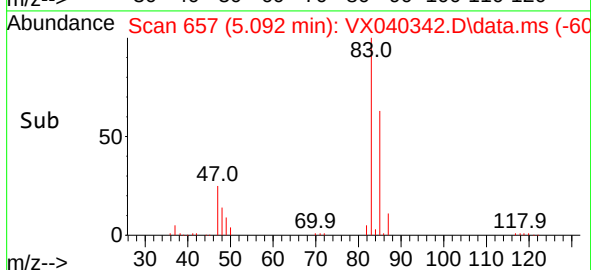
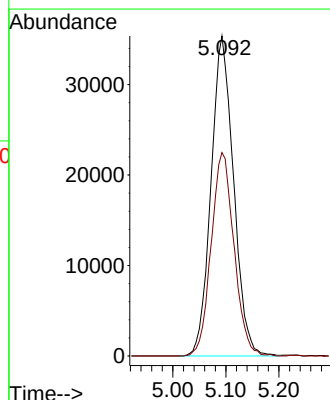
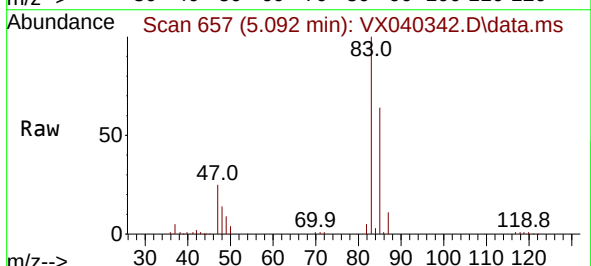
Delta R.T. -0.006 min

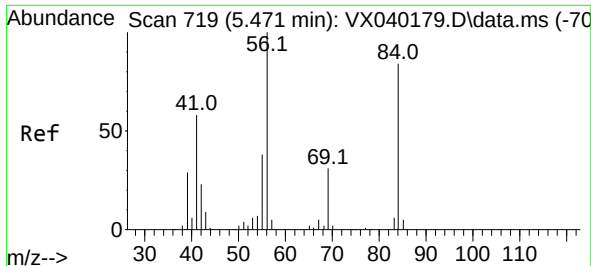
Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Tgt Ion: 83 Resp: 104560

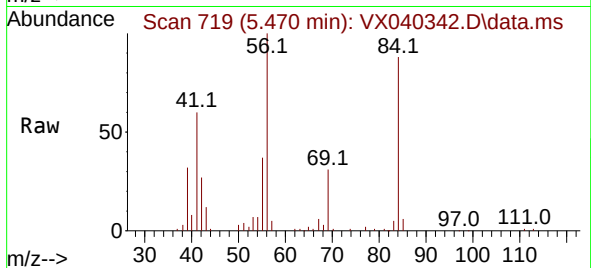
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.3	75.5





#31
Cyclohexane
Concen: 51.829 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

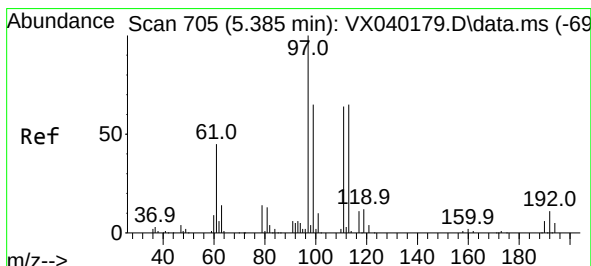
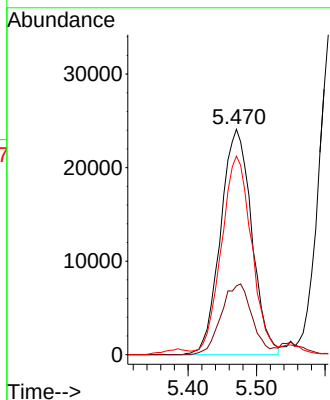
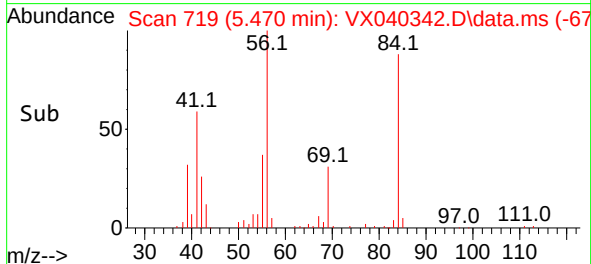
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 75934
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 85.5 65.9 98.9

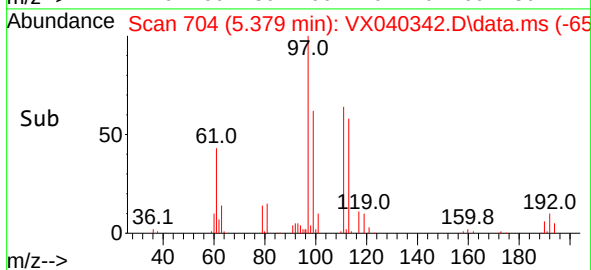
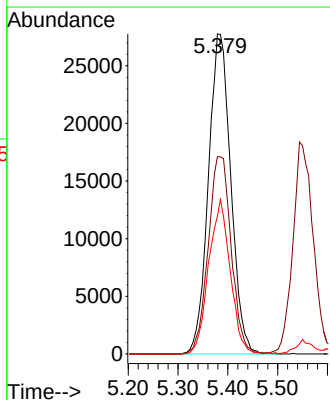
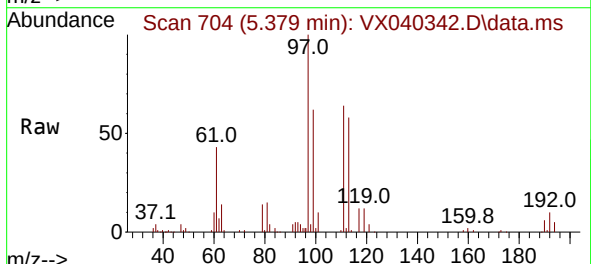
Manual Integrations
APPROVED

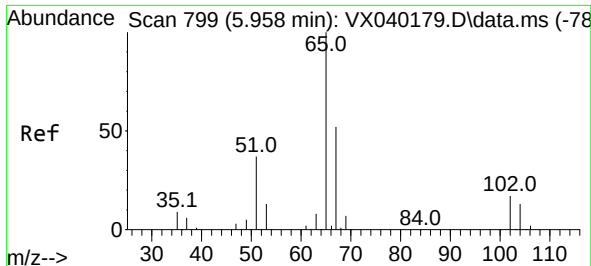
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 55.168 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 97 Resp: 86716
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 46.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.353 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6799

Ion Ratio Lower Upper

65 100

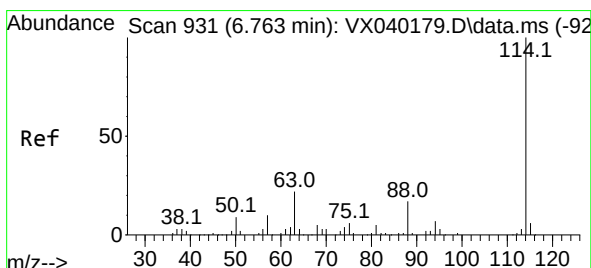
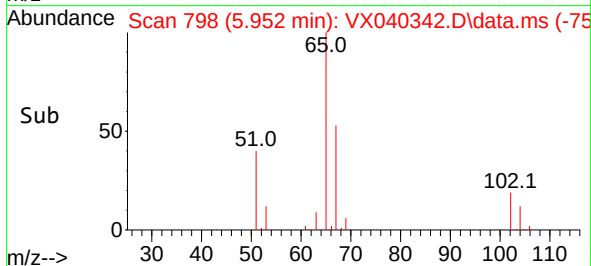
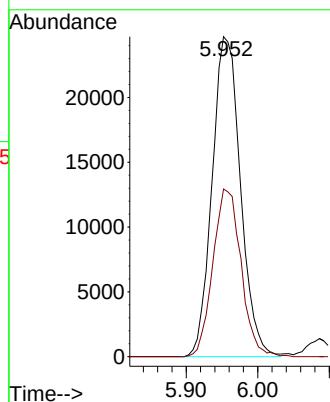
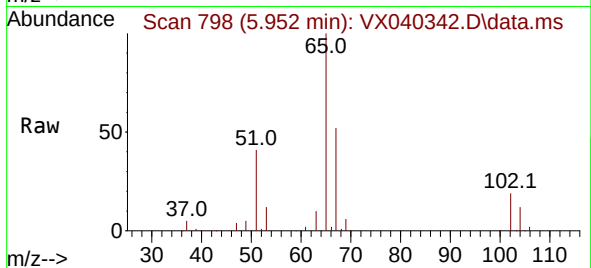
67 52.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

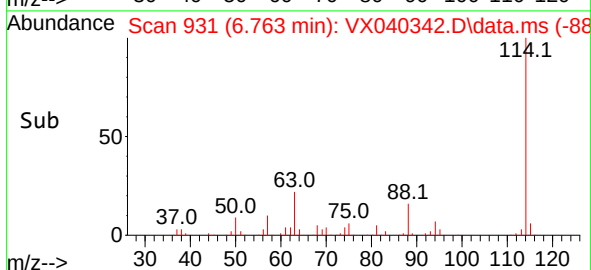
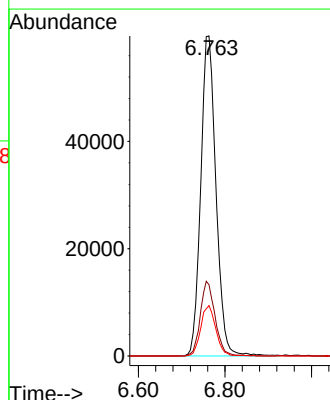
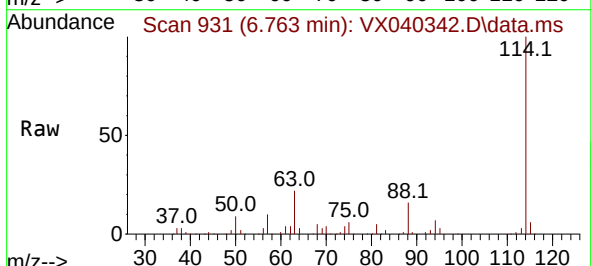
Tgt Ion:114 Resp: 145948

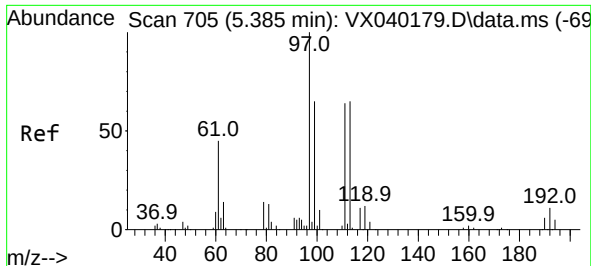
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

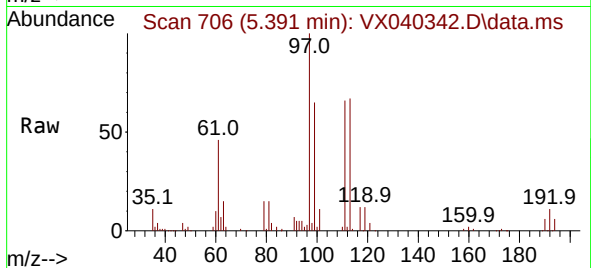
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.297 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

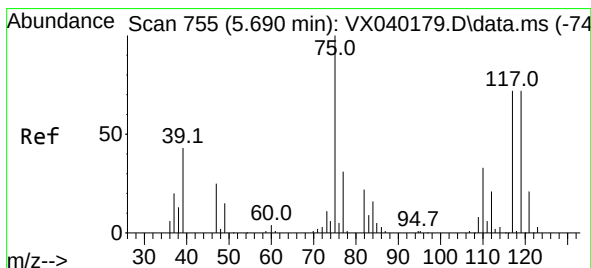
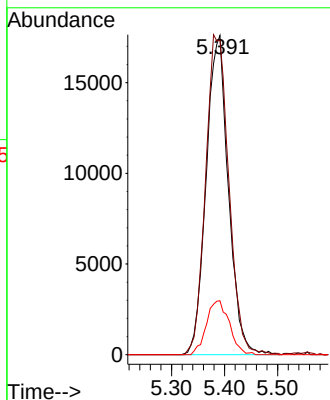
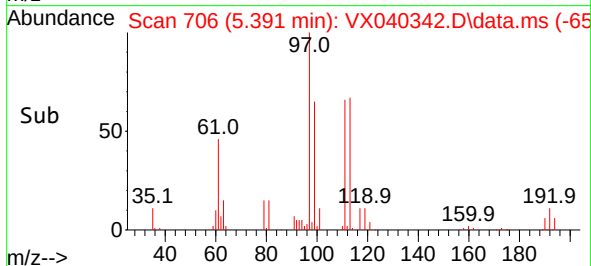
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 51264
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 17.5 13.3 19.9

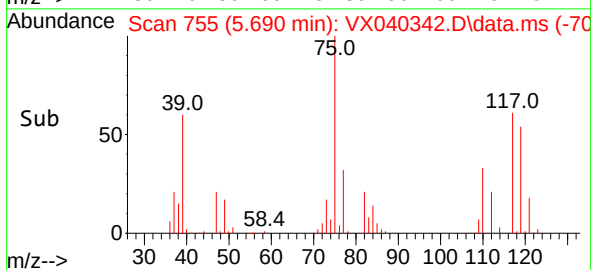
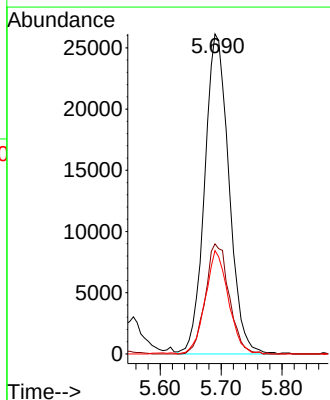
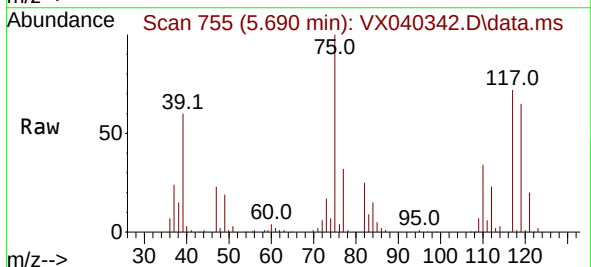
Manual Integrations
APPROVED

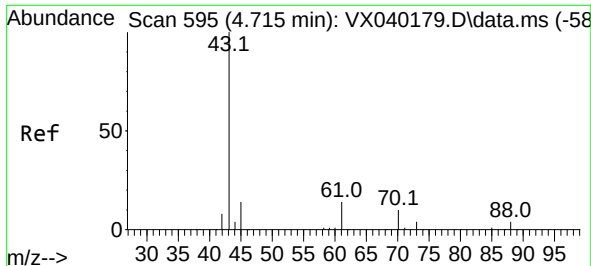
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#36
1,1-Dichloropropene
Concen: 50.700 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

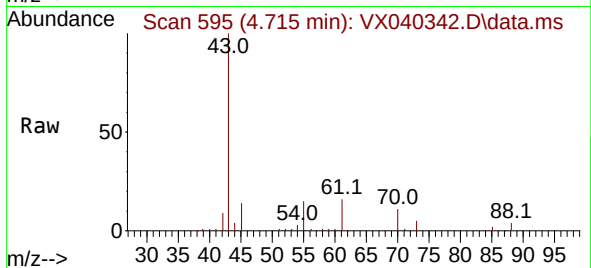
Tgt Ion: 75 Resp: 72388
Ion Ratio Lower Upper
75 100
110 33.7 17.0 50.9
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 55.792 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

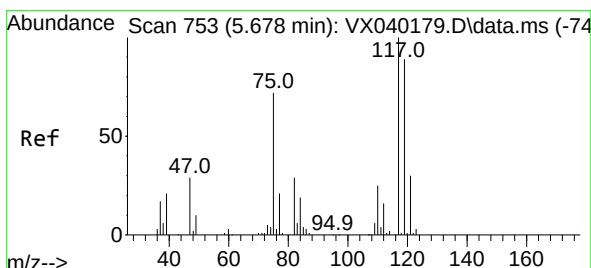
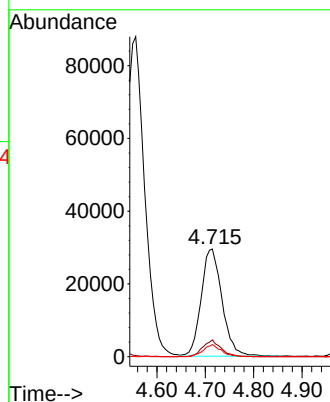
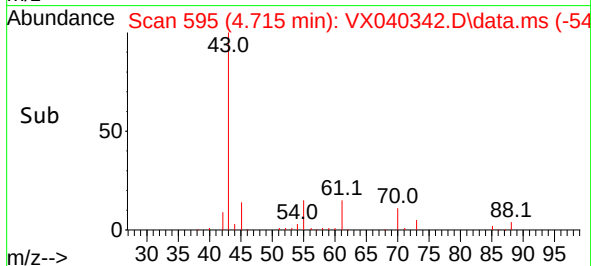
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 88635
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 9.6 8.3 12.5

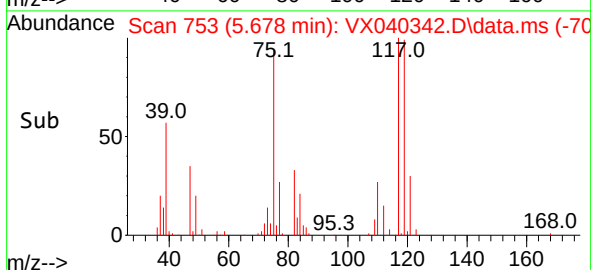
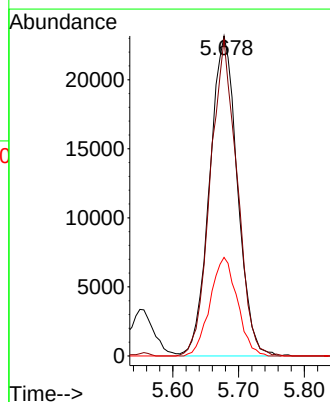
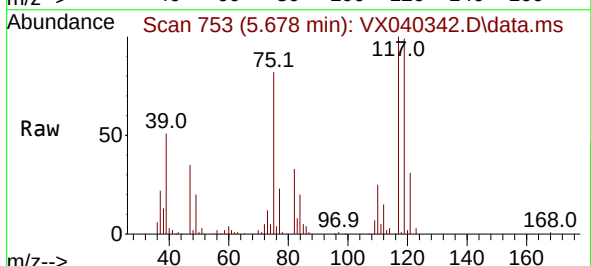
Manual Integrations
APPROVED

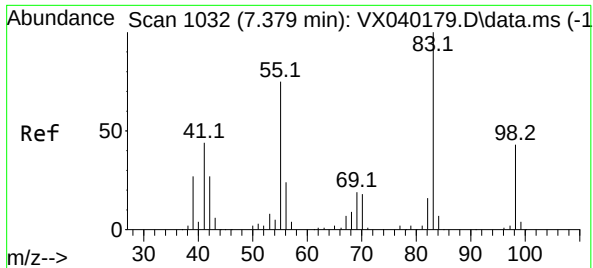
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 50.004 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion:117 Resp: 67881
Ion Ratio Lower Upper
117 100
119 98.7 78.2 117.2
121 30.8 24.4 36.6





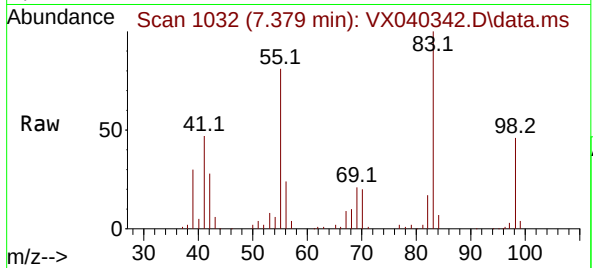
#39
Methylcyclohexane
Concen: 47.449 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



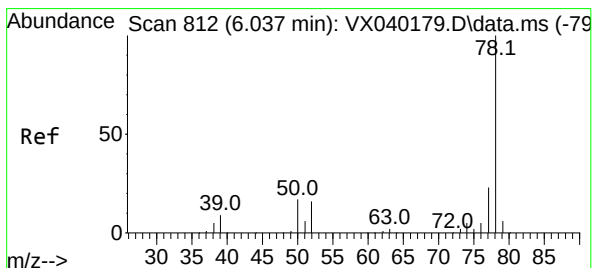
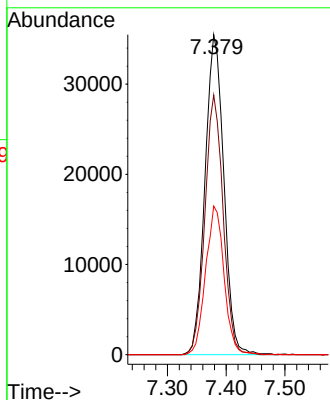
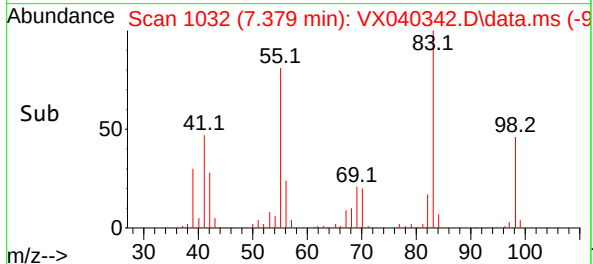
Tgt Ion: 83 Resp: 78730
Ion Ratio Lower Upper
83 100
55 81.2 64.6 97.0
98 46.4 36.7 55.1

Manual Integrations

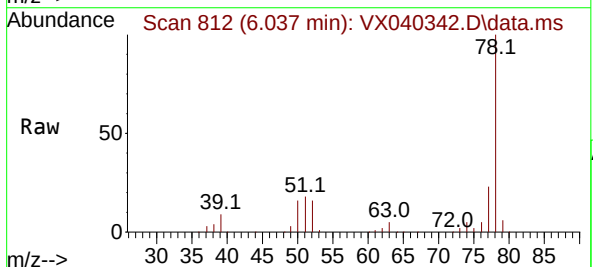
APPROVED

Reviewed By :John Carlone 02/20/2024

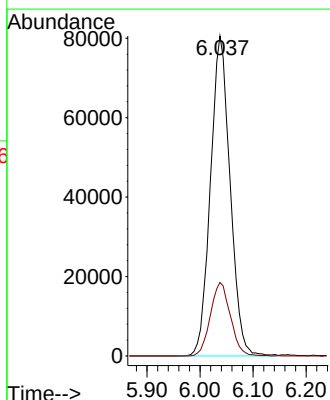
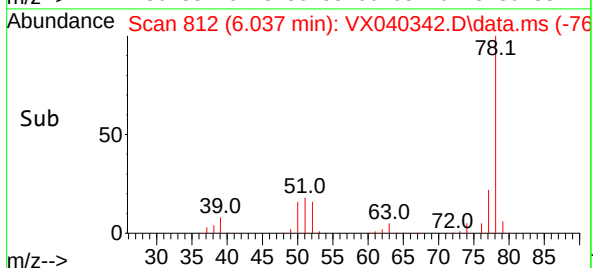
Supervised By :Mahesh Dadoda 02/20/2024

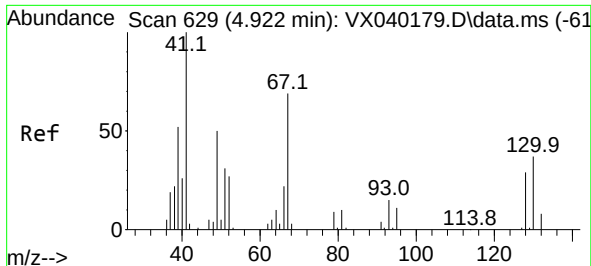


#40
Benzene
Concen: 51.913 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 78 Resp: 207269
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





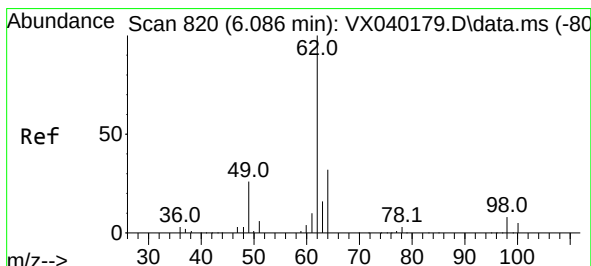
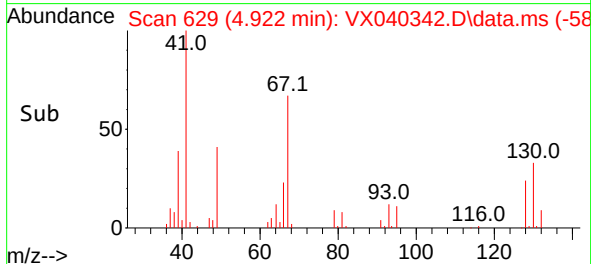
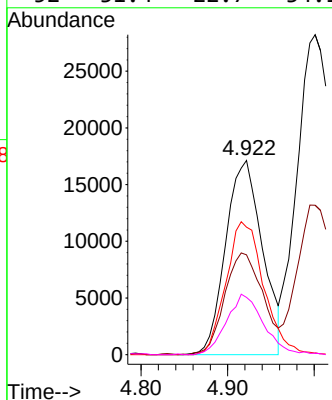
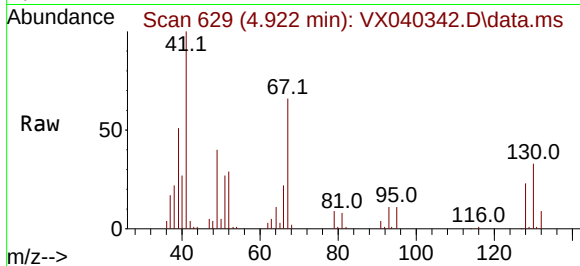
#41
Methacrylonitrile
Concen: 59.918 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 50462
Ion Ratio Lower Upper
41 100
39 54.6 45.2 67.8
67 70.5 52.6 78.8
52 31.4 22.7 34.1

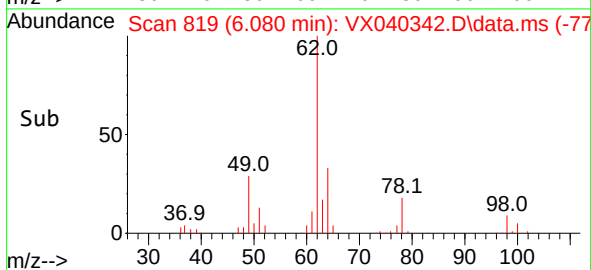
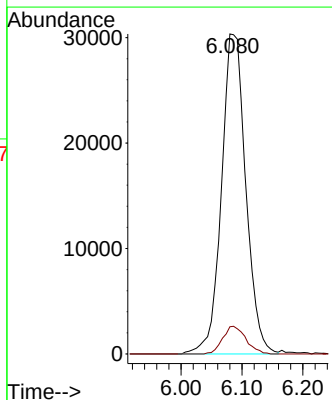
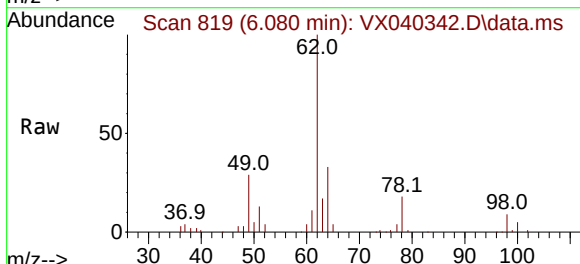
Manual Integrations
APPROVED

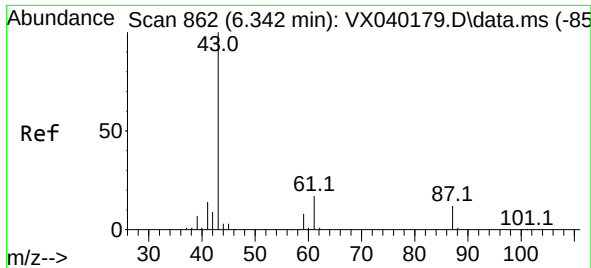
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 53.914 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

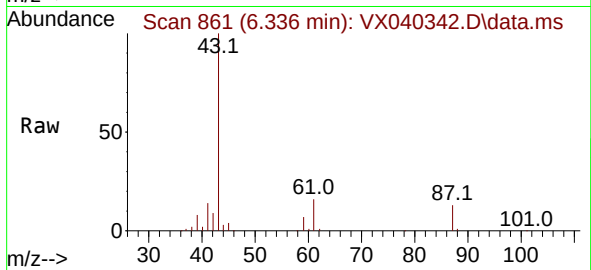
Tgt Ion: 62 Resp: 84139
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 56.674 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

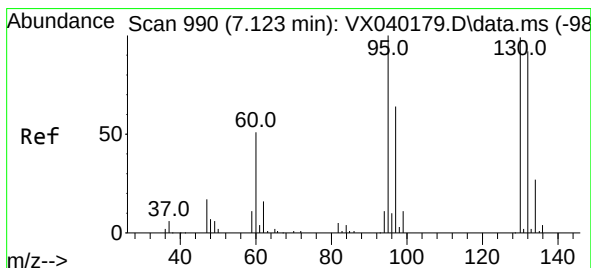
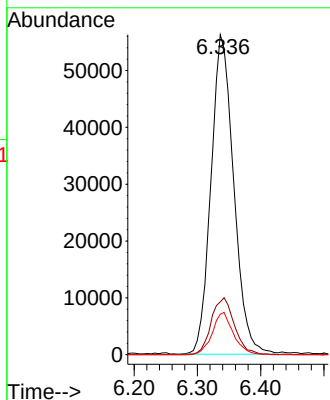
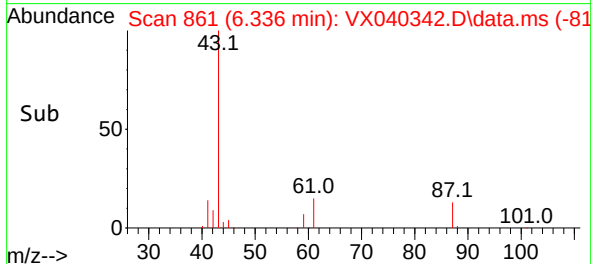
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



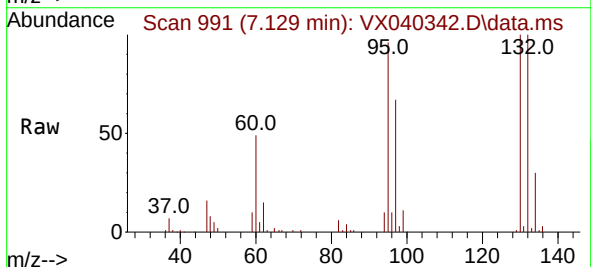
Tgt Ion: 43 Resp: 140550
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 12.3 9.8 14.6

Manual Integrations
APPROVED

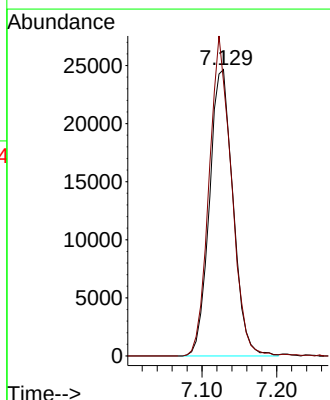
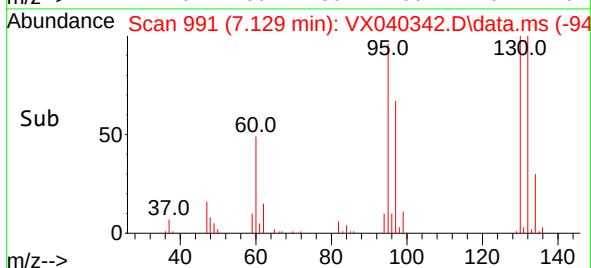
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

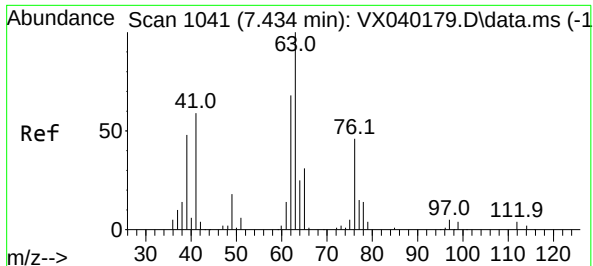


#44
Trichloroethene
Concen: 49.072 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion:130 Resp: 54045
Ion Ratio Lower Upper
130 100
95 95.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.887 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 58079

Ion Ratio Lower Upper

63 100

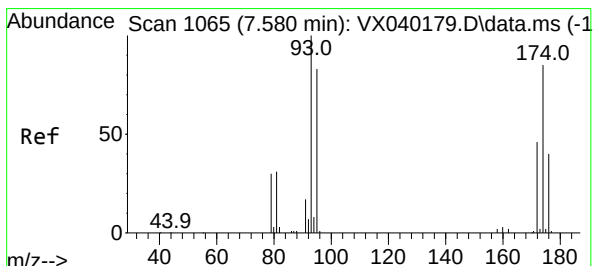
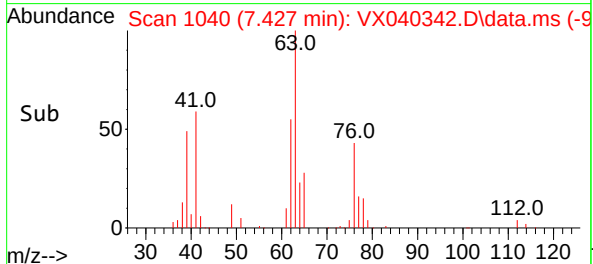
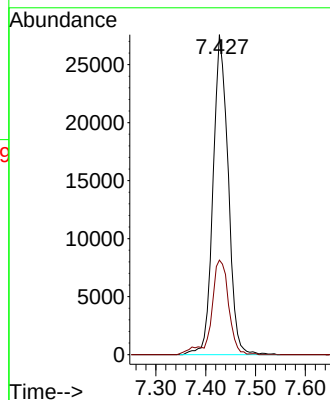
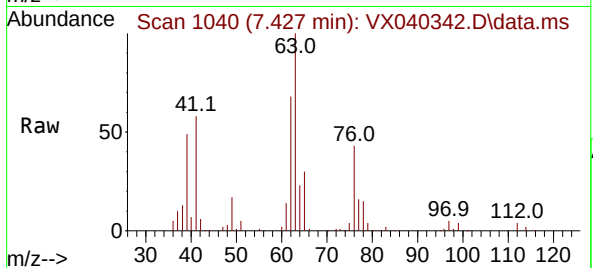
65 29.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 53.030 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

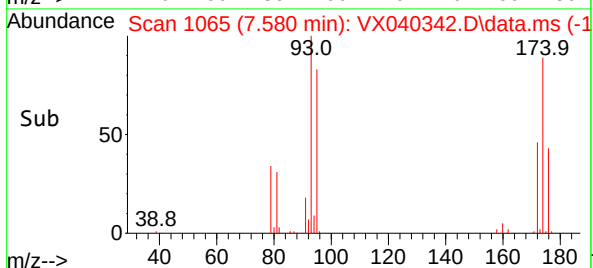
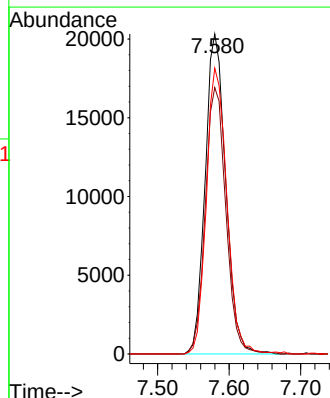
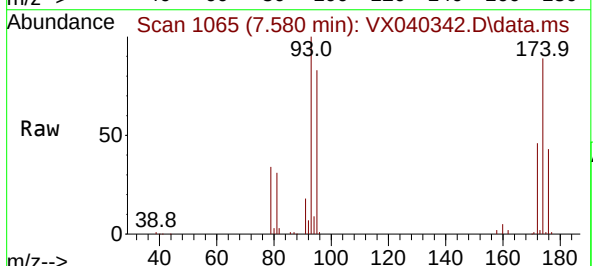
Tgt Ion: 93 Resp: 40588

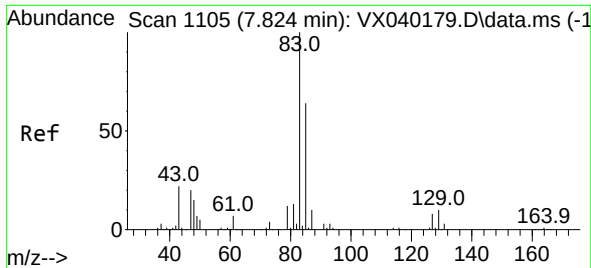
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 89.2 69.4 104.0





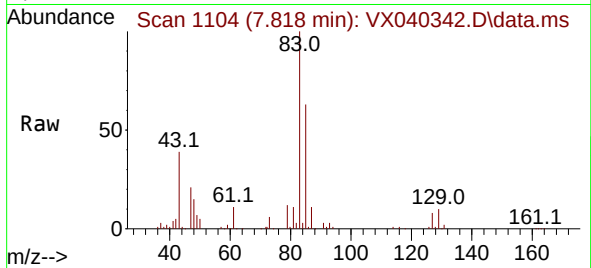
#47
Bromodichloromethane
Concen: 54.071 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



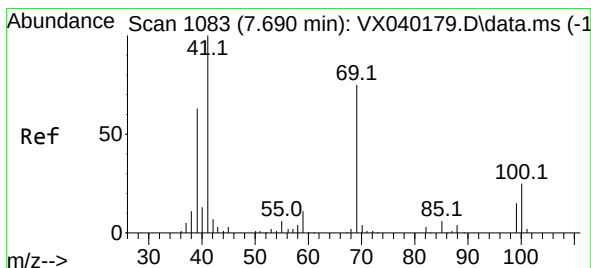
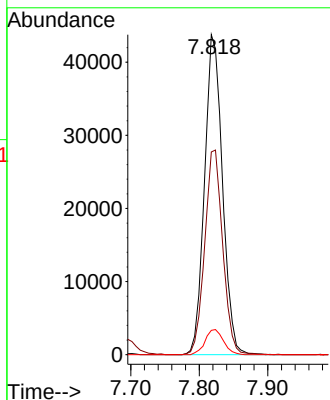
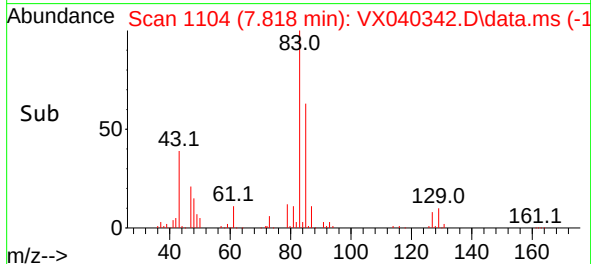
Tgt Ion: 83 Resp: 79740
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 7.6 7.1 10.7

Manual Integrations

APPROVED

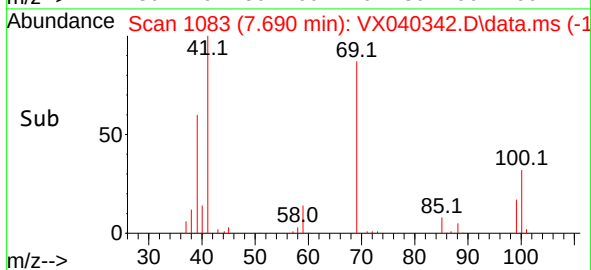
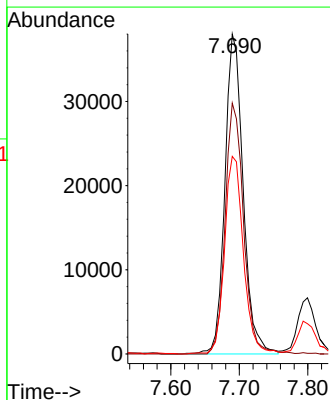
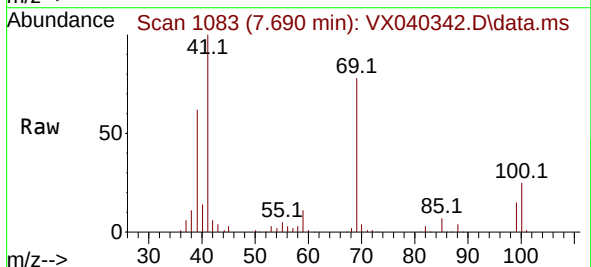
Reviewed By :John Carlone 02/20/2024

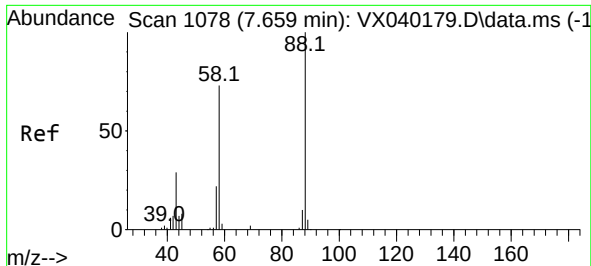
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 55.444 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

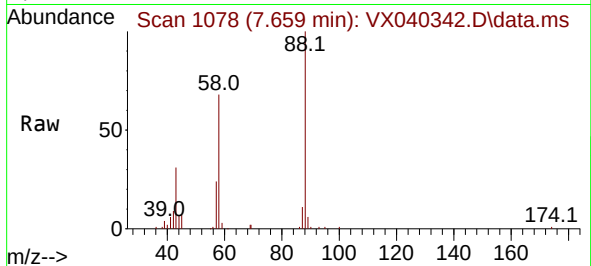
Tgt Ion: 41 Resp: 70357
Ion Ratio Lower Upper
41 100
69 78.8 59.2 88.8
39 63.9 47.7 71.5





#49
1,4-Dioxane
Concen: 972.150 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

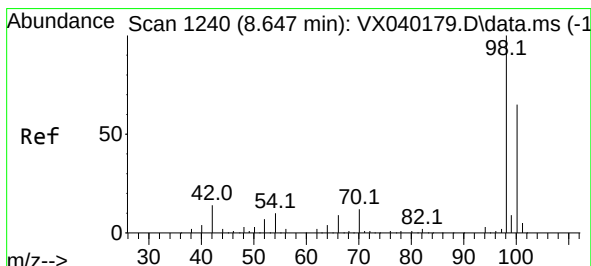
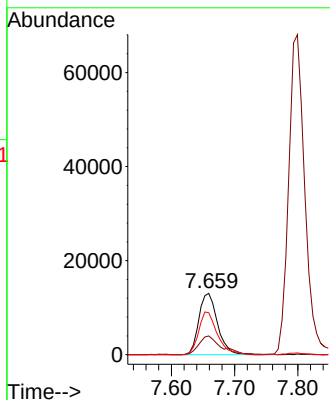
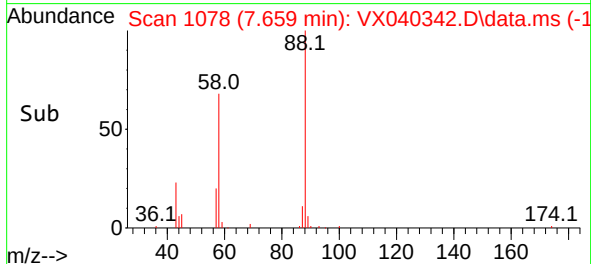
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2683
Ion Ratio Lower Upper
88 100
43 36.1 0.0 0.0
58 68.9 60.1 90.1

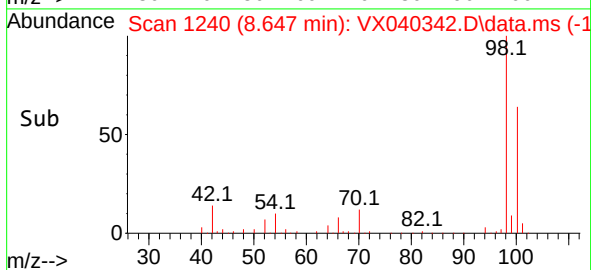
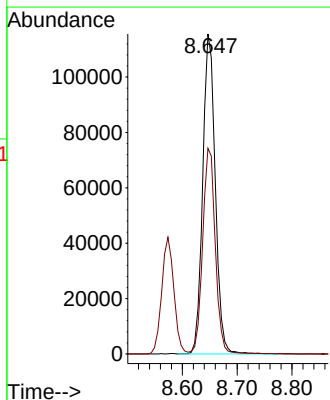
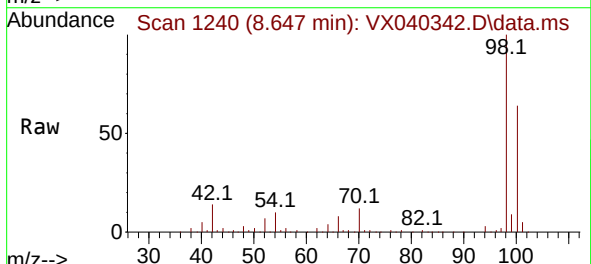
Manual Integrations
APPROVED

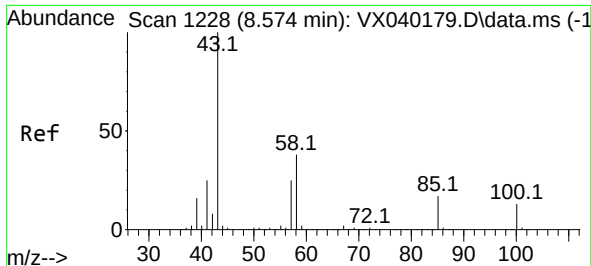
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#50
Toluene-d8
Concen: 48.111 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

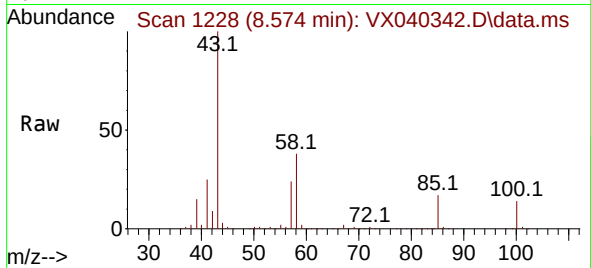
Tgt Ion: 98 Resp: 183429
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 283.075 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

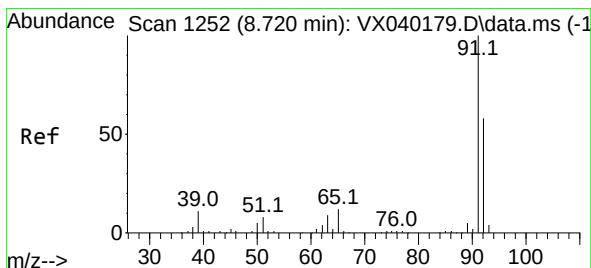
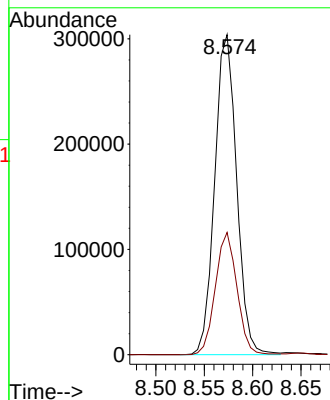
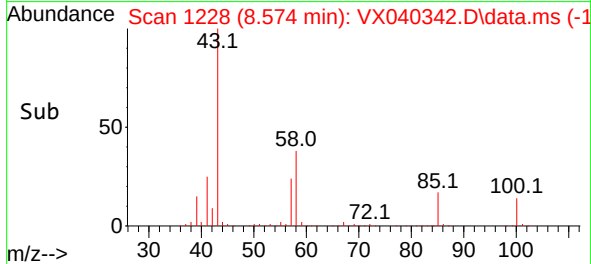
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



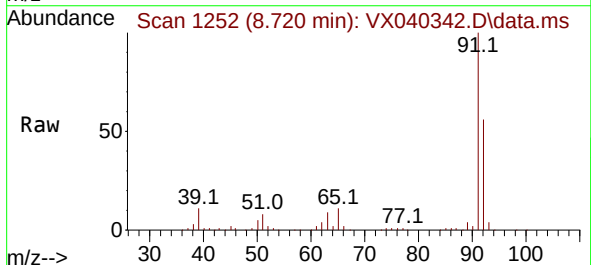
Tgt Ion: 43 Resp: 479299
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

Manual Integrations
APPROVED

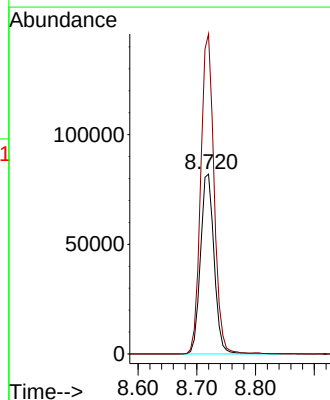
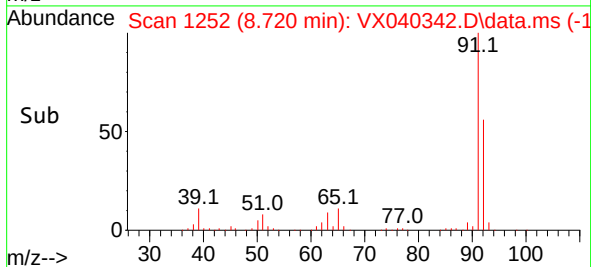
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

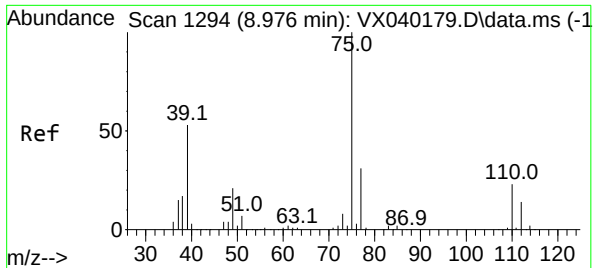


#52
Toluene
Concen: 50.388 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 92 Resp: 131776
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.898 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 82160

Ion Ratio Lower Upper

75 100

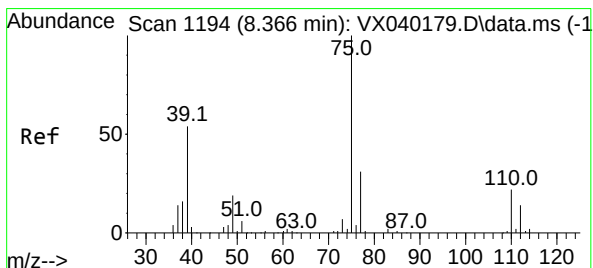
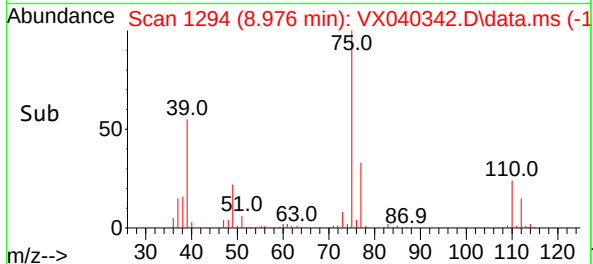
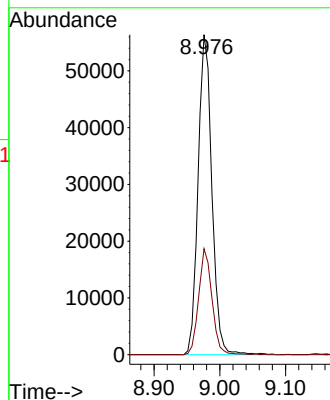
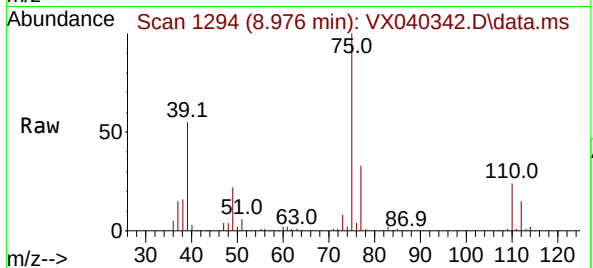
77 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#54

cis-1,3-Dichloropropene

Concen: 53.178 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

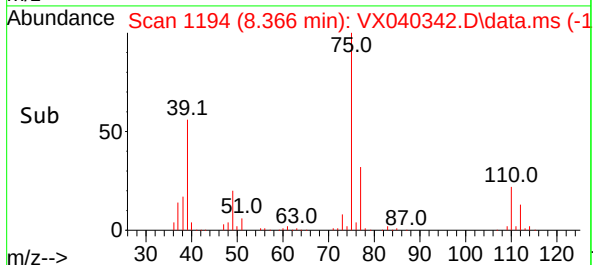
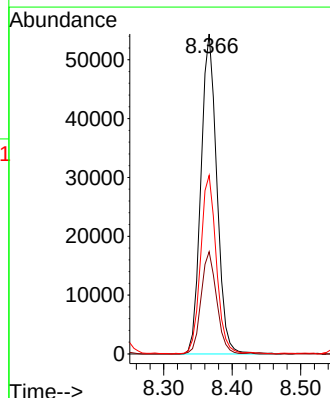
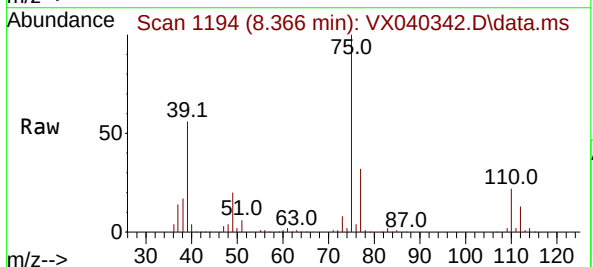
Tgt Ion: 75 Resp: 87892

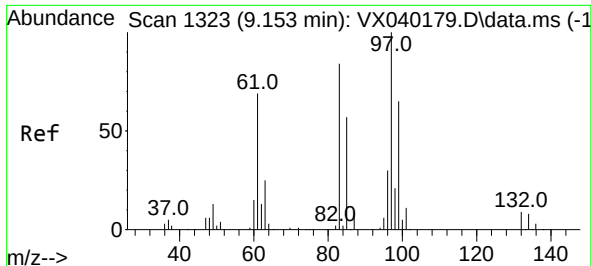
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

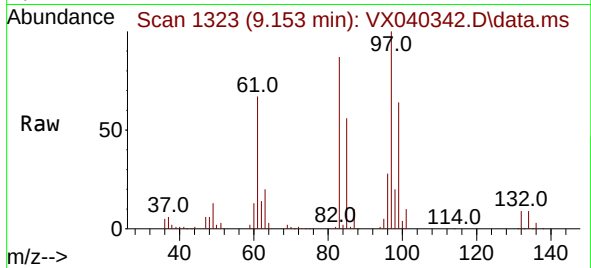
39 55.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.493 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

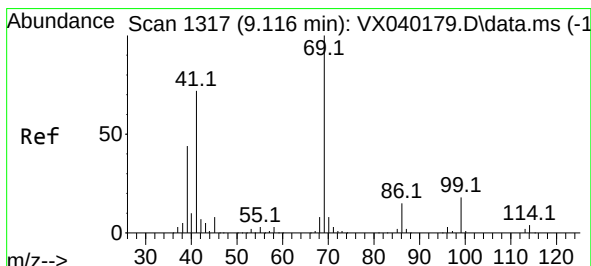
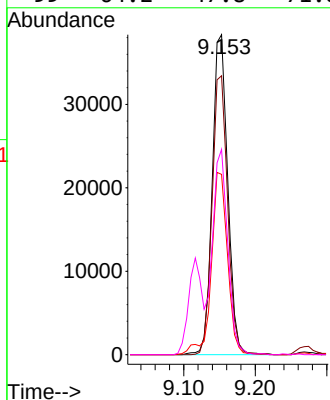
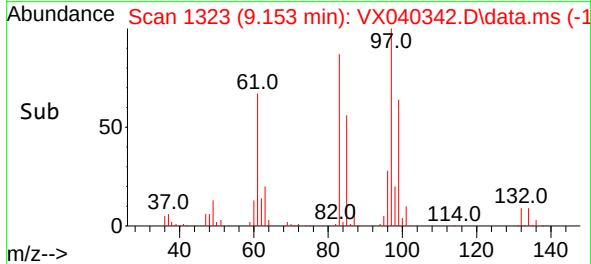


Tgt Ion: 97 Resp: 5743

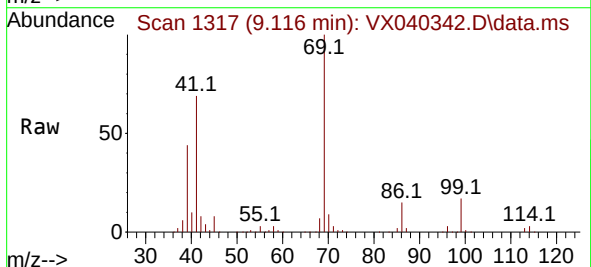
Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.8	98.8
85	56.4	41.6	62.4
99	64.2	47.8	71.8

Manual Integrations
APPROVED

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

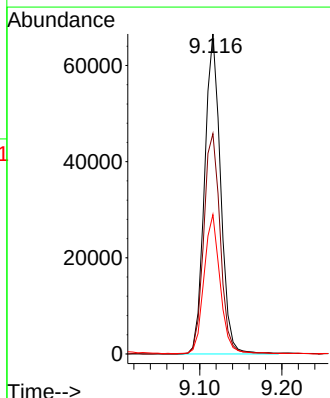
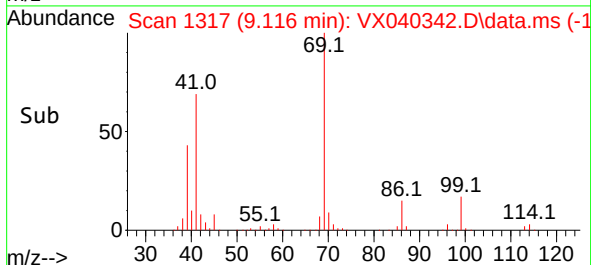


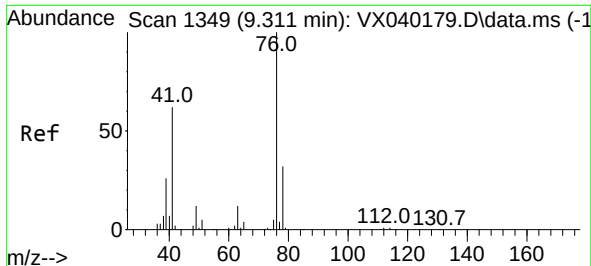
#56
Ethyl methacrylate
Concen: 54.019 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 69 Resp: 90205

Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.8	85.2
39	43.8	32.0	48.0





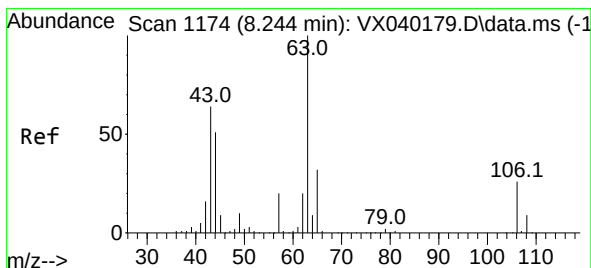
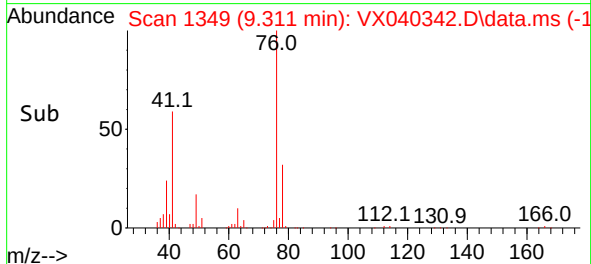
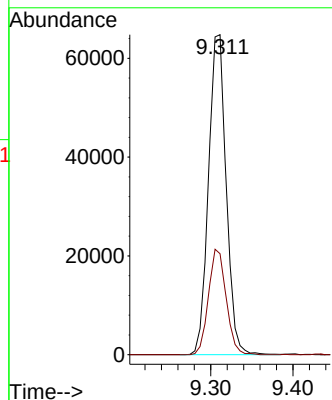
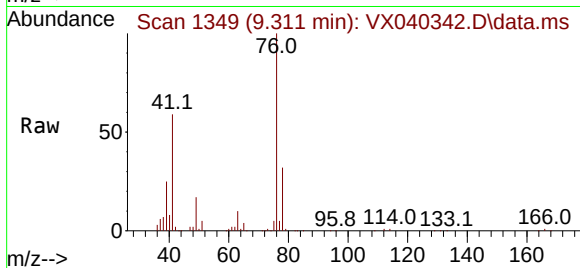
#57
1,3-Dichloropropane
Concen: 53.160 ug/l
RT: 9.311 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 96780
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

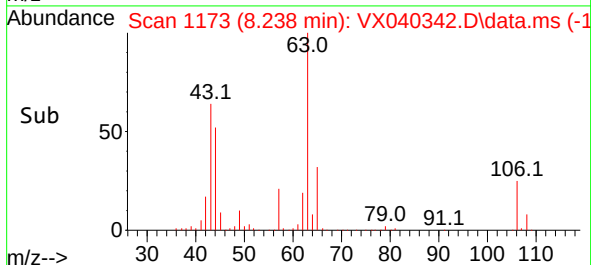
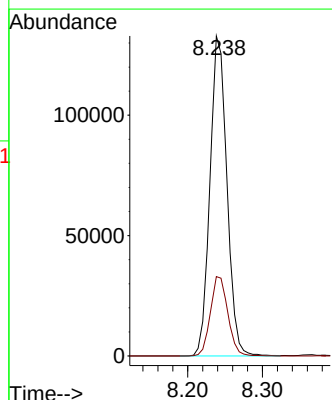
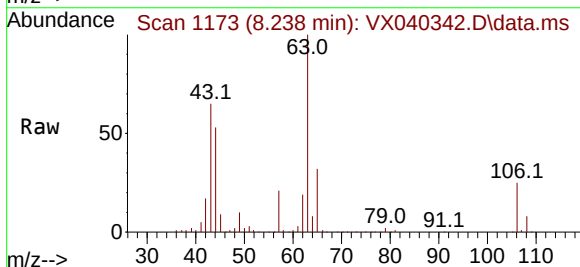
Manual Integrations
APPROVED

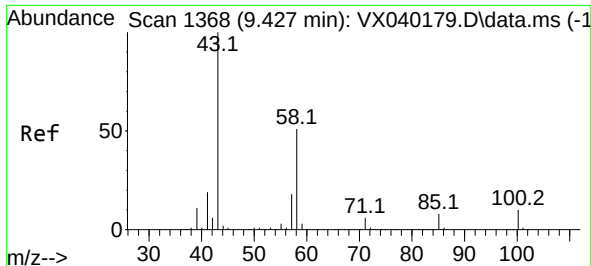
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 265.288 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

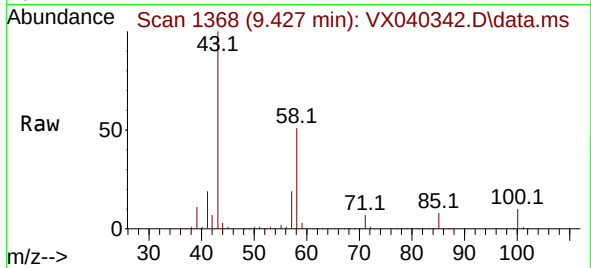
Tgt Ion: 63 Resp: 209562
Ion Ratio Lower Upper
63 100
106 25.4 22.5 33.7





#59
2-Hexanone
Concen: 285.099 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

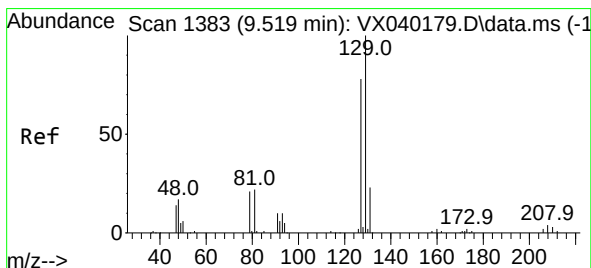
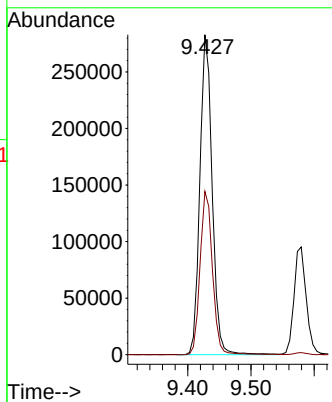
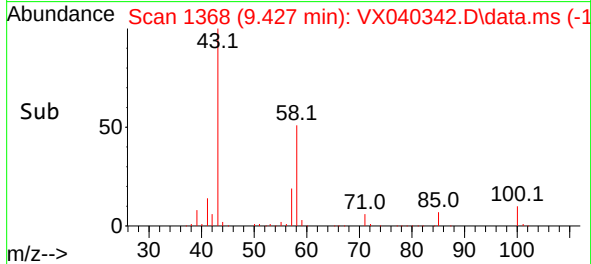
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 382729
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5

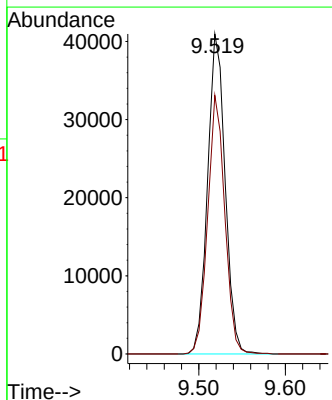
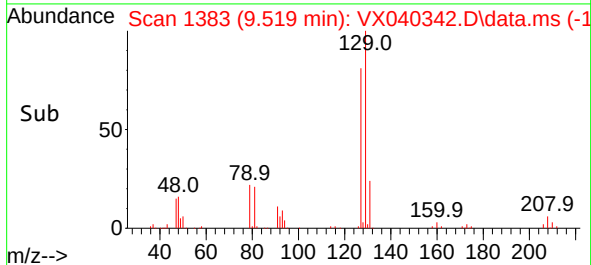
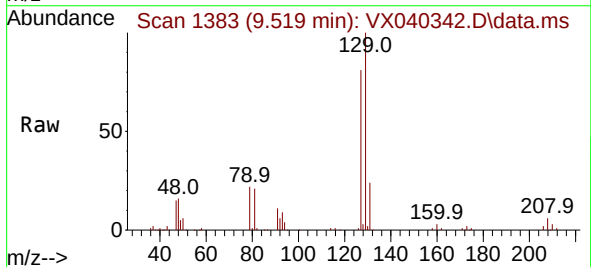
Manual Integrations
APPROVED

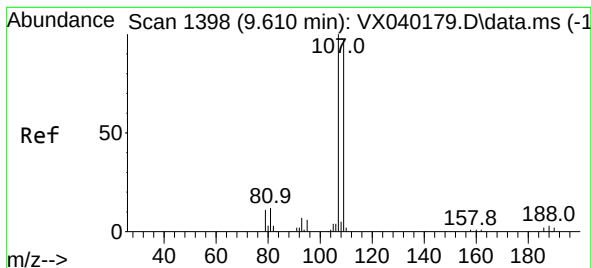
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 50.703 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

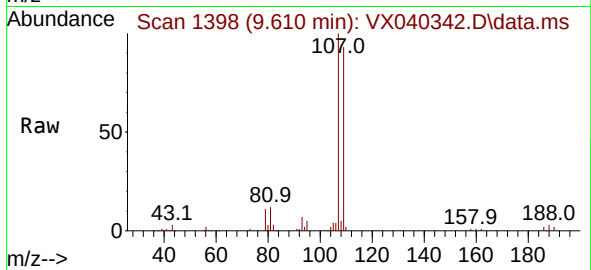
Tgt Ion:129 Resp: 57620
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.912 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

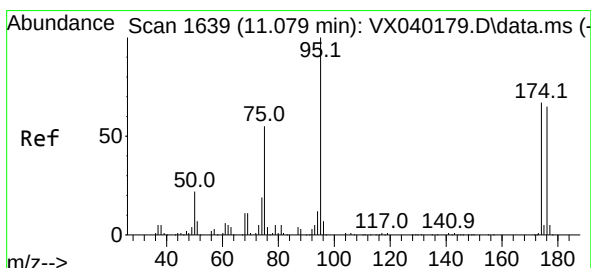
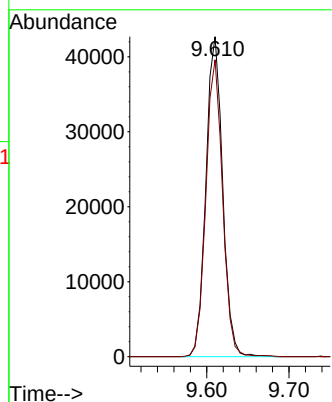
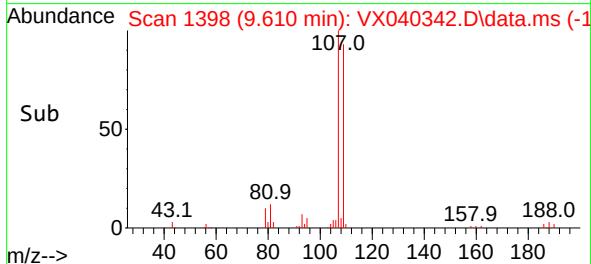
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



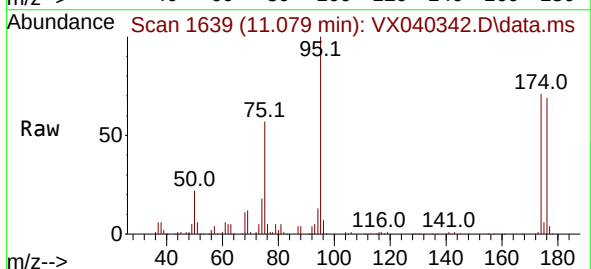
Tgt Ion:107 Resp: 6036
Ion Ratio Lower Upper
107 100
109 92.6 75.2 112.8

Manual Integrations
APPROVED

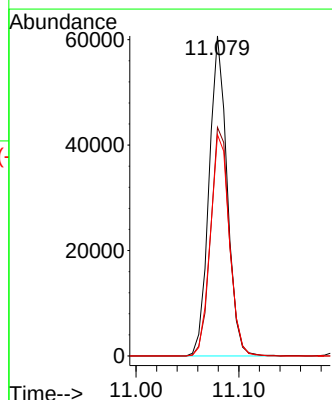
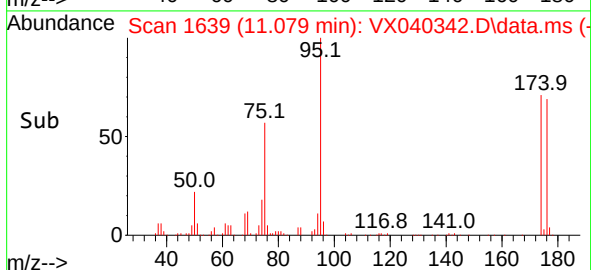
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

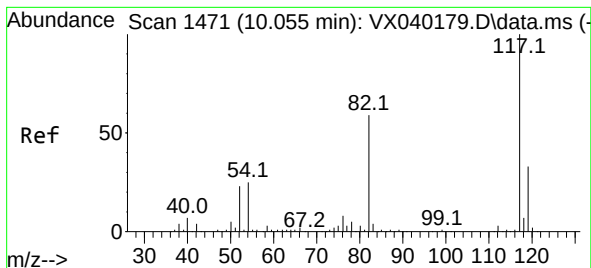


#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



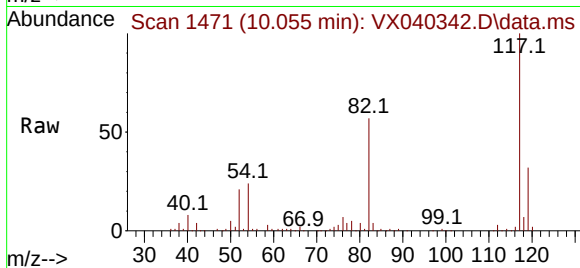
Tgt Ion: 95 Resp: 74156
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 72.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

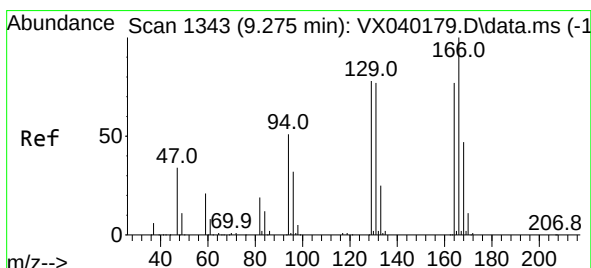
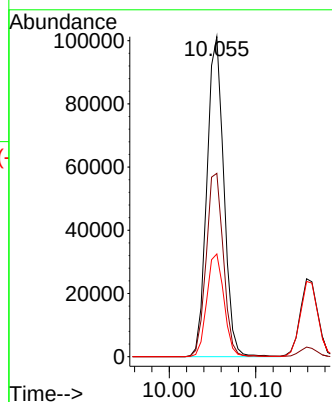
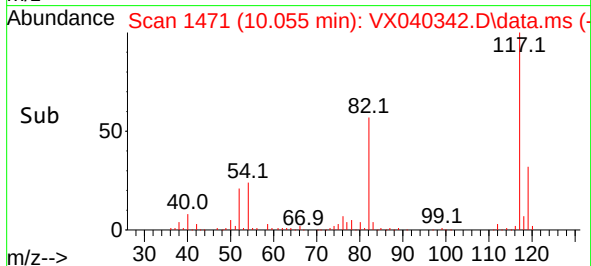
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 137033
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.1 25.5 38.3

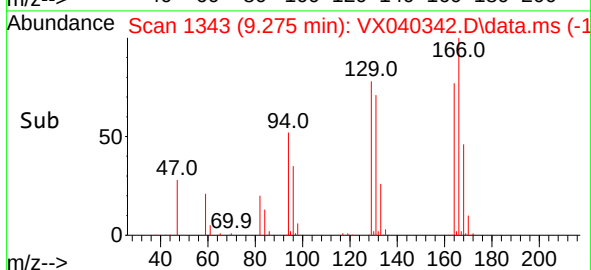
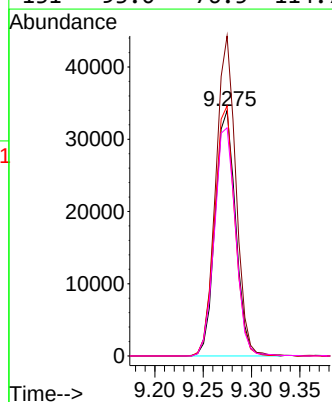
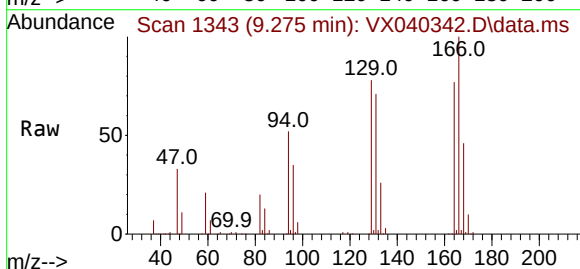
Manual Integrations
APPROVED

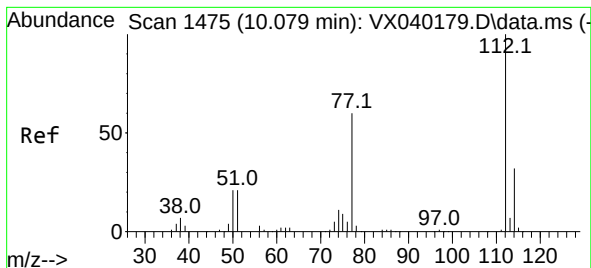
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 51.837 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion:164 Resp: 49778
Ion Ratio Lower Upper
164 100
166 130.5 102.7 154.1
129 101.9 80.4 120.6
131 93.0 76.5 114.7





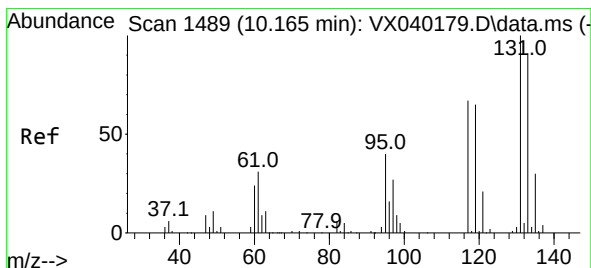
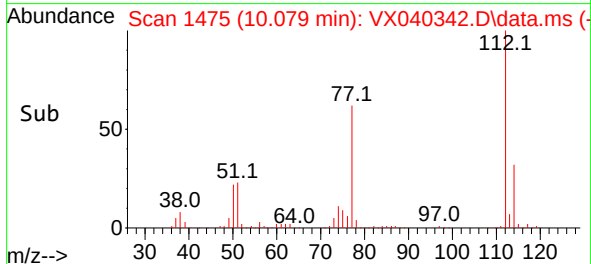
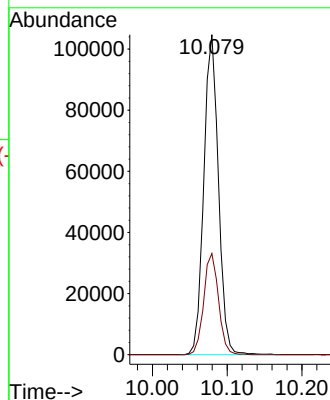
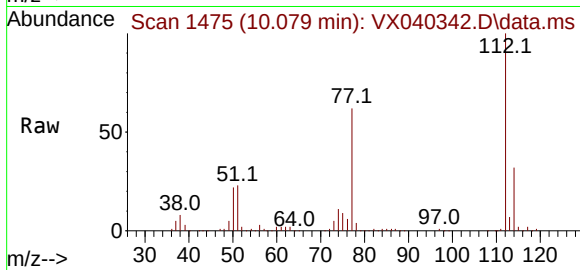
#65
Chlorobenzene
Concen: 49.648 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 141989
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

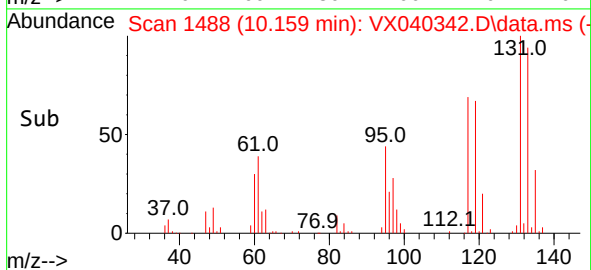
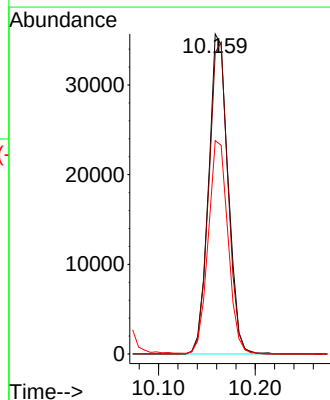
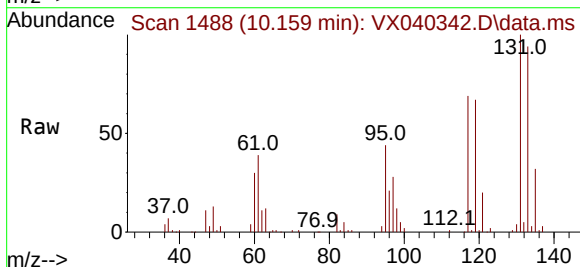
Manual Integrations
APPROVED

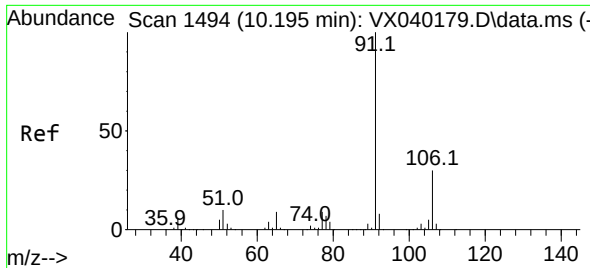
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.414 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

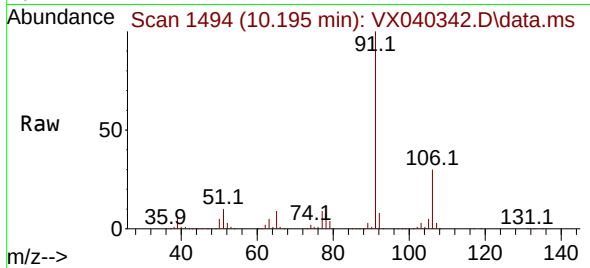
Tgt Ion:131 Resp: 49936
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 67.7 32.2 96.6





#67
Ethyl Benzene
Concen: 52.366 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

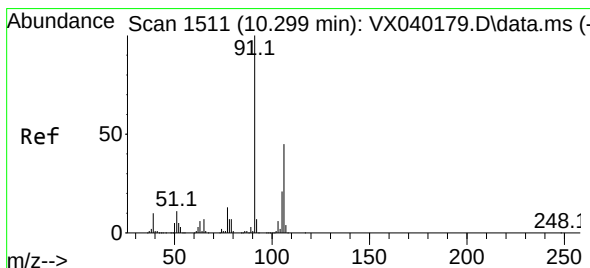
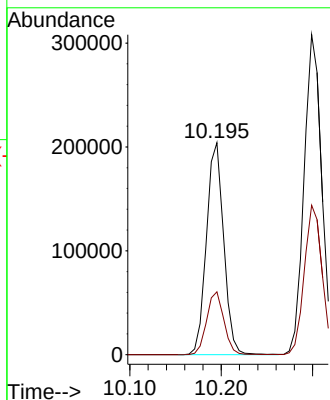
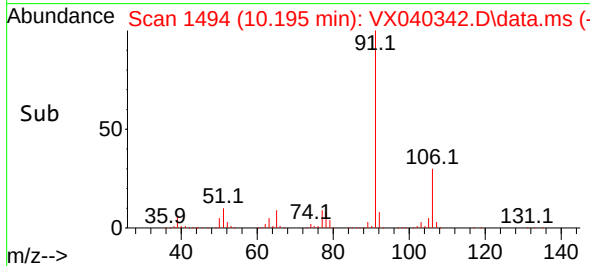
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



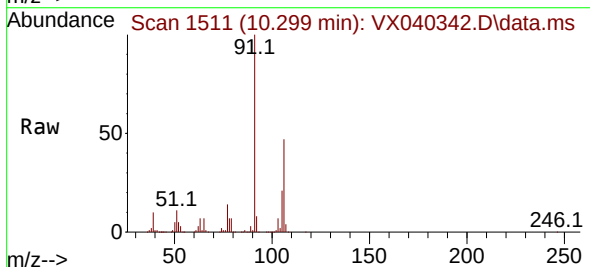
Tgt Ion: 91 Resp: 266720
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

Manual Integrations
APPROVED

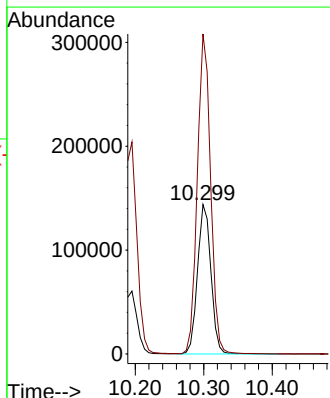
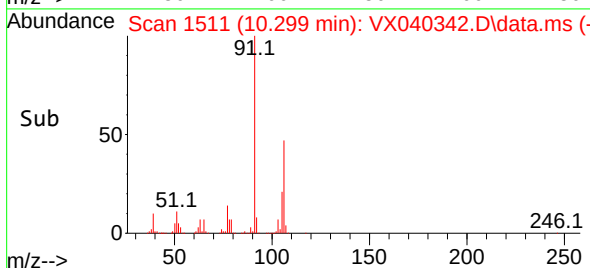
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

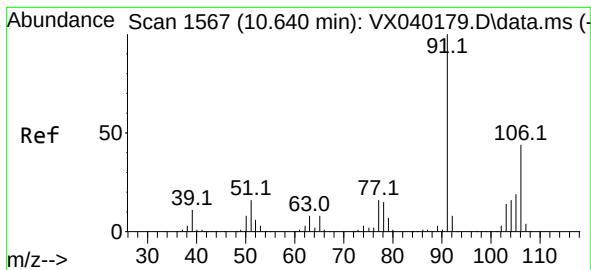


#68
m/p-Xylenes
Concen: 102.094 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion:106 Resp: 196398
Ion Ratio Lower Upper
106 100
91 211.4 165.5 248.3





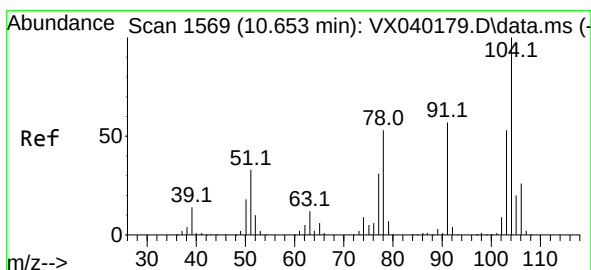
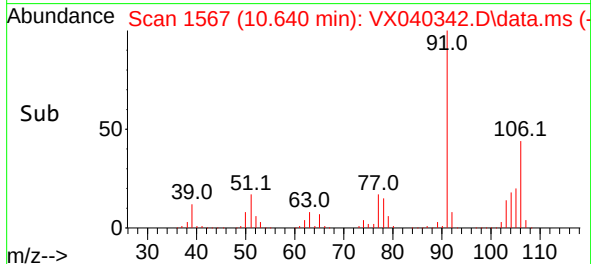
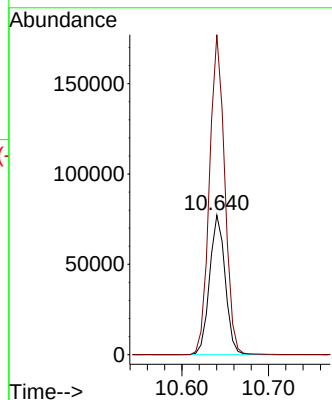
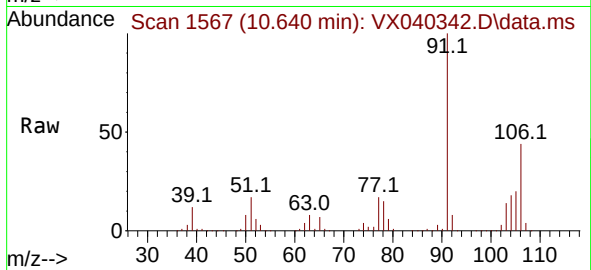
#69
o-Xylene
Concen: 51.631 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 96518
Ion Ratio Lower Upper
106 100
91 224.6 108.9 326.8

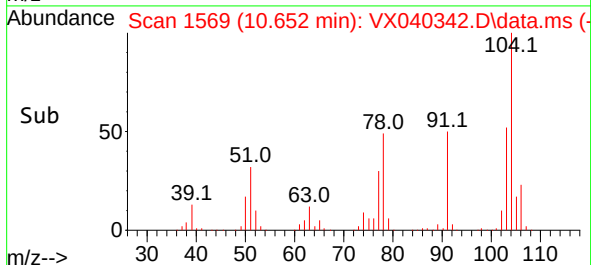
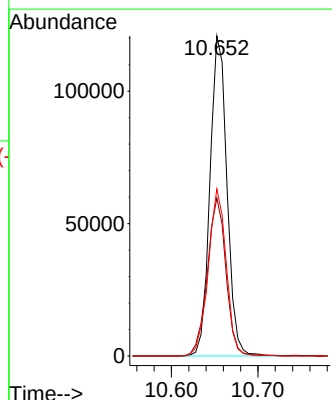
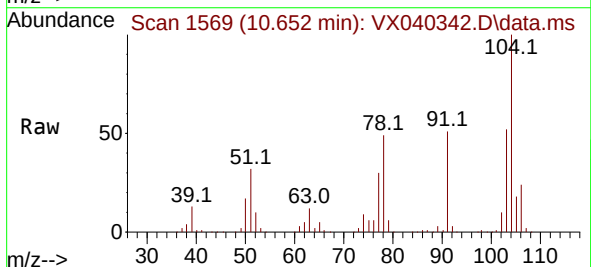
Manual Integrations
APPROVED

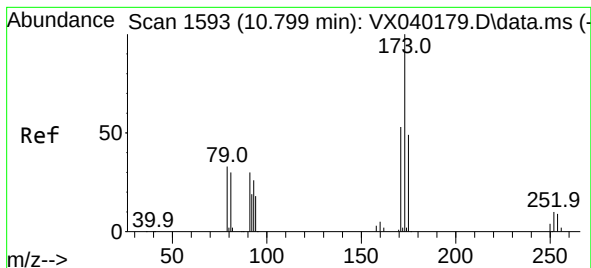
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 52.989 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

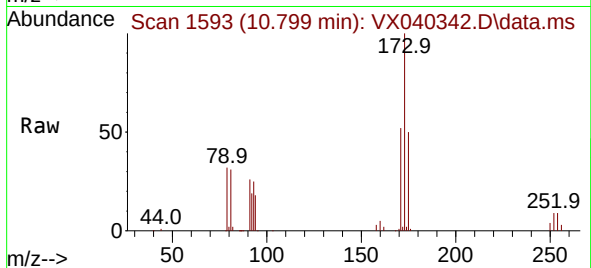
Tgt Ion:104 Resp: 164690
Ion Ratio Lower Upper
104 100
78 54.1 43.6 65.4
103 55.3 43.6 65.4





#71
Bromoform
Concen: 43.876 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

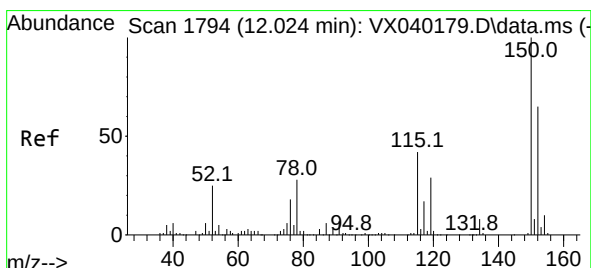
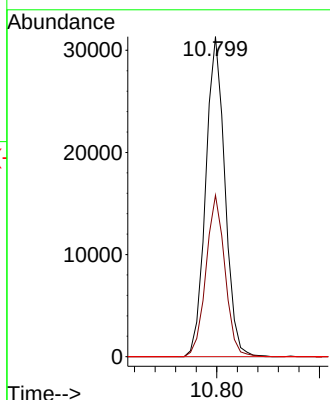
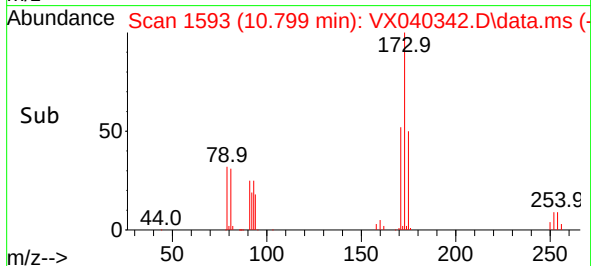
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



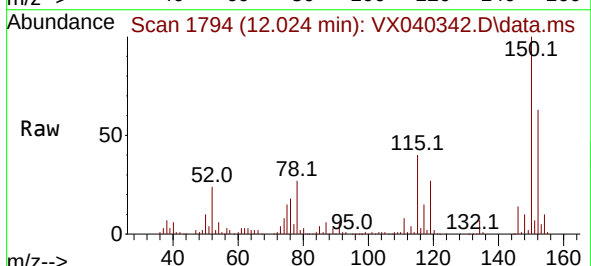
Tgt Ion:173 Resp: 40609
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

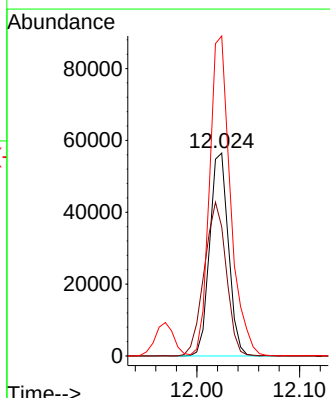
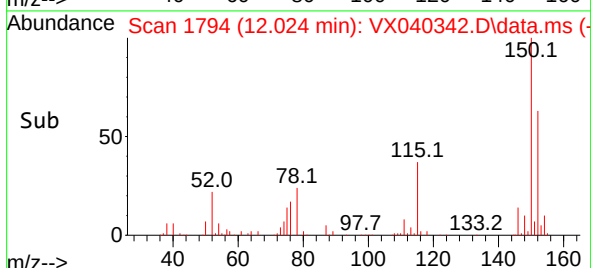
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

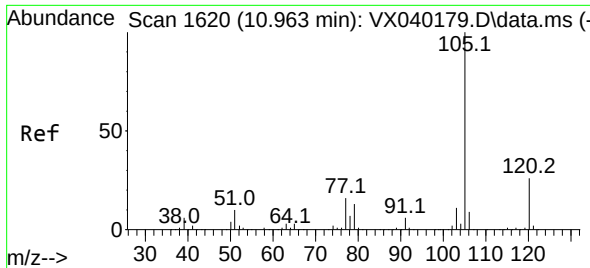


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



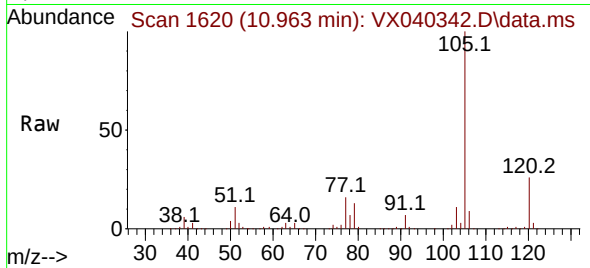
Tgt Ion:152 Resp: 71342
Ion Ratio Lower Upper
152 100
115 89.4 43.3 129.9
150 175.3 0.0 345.0





#73
Isopropylbenzene
Concen: 51.581 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

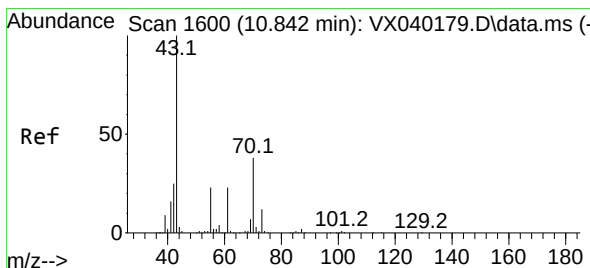
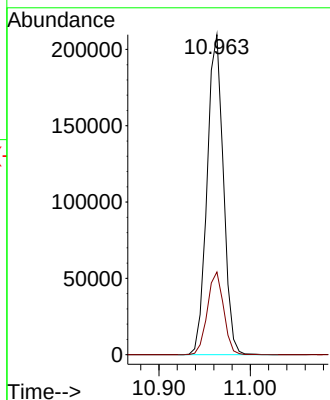
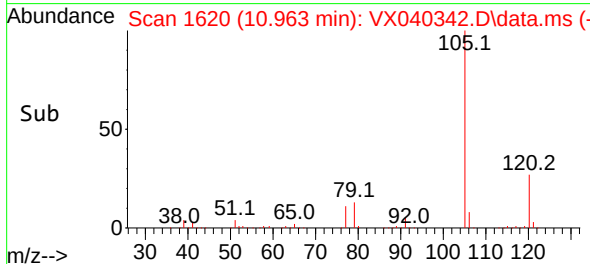
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



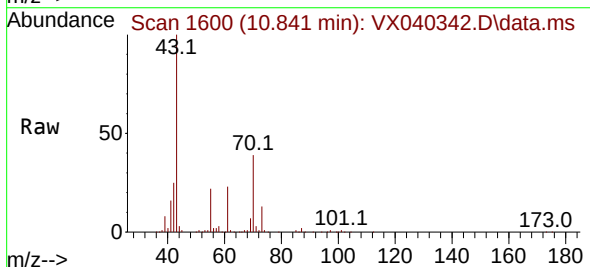
Tgt Ion:105 Resp: 259184
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

Manual Integrations
APPROVED

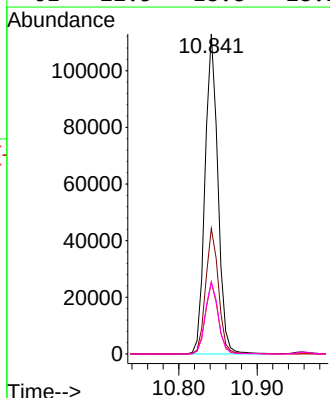
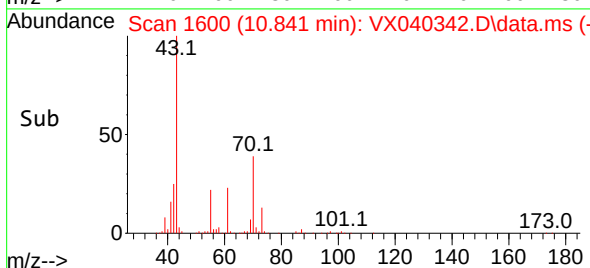
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

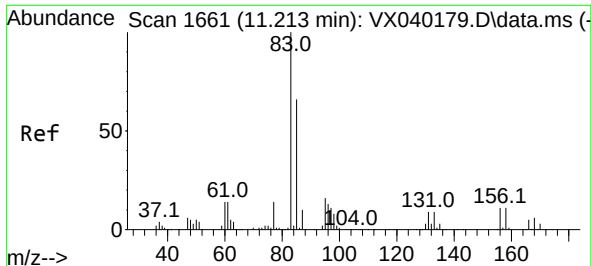


#74
N-ethyl acetate
Concen: 59.640 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 43 Resp: 128456
Ion Ratio Lower Upper
43 100
70 39.2 32.9 49.3
55 22.3 19.3 28.9
61 22.5 18.8 28.2





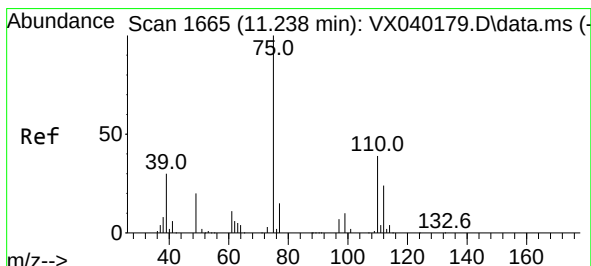
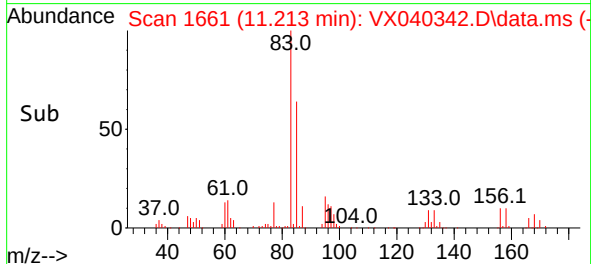
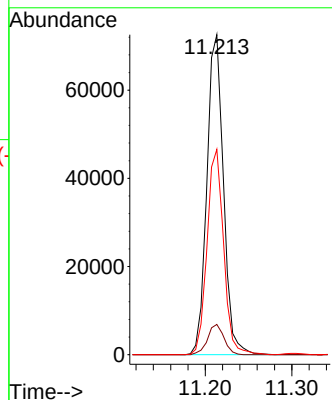
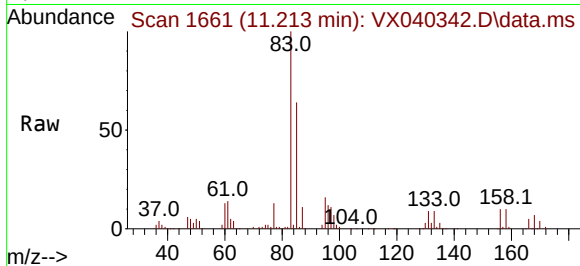
#75
1,1,2,2-Tetrachloroethane
Concen: 53.454 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 96499
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.1 32.0 96.2

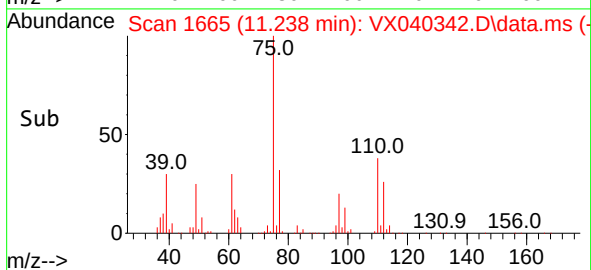
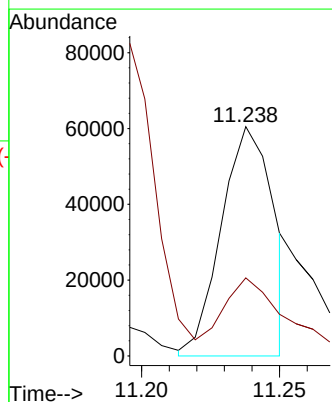
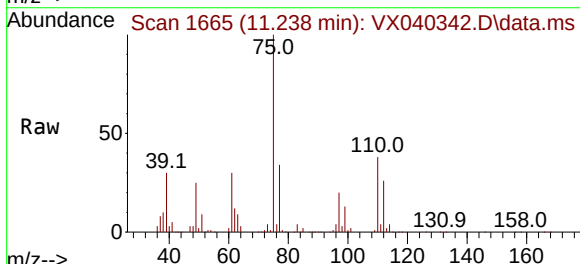
Manual Integrations
APPROVED

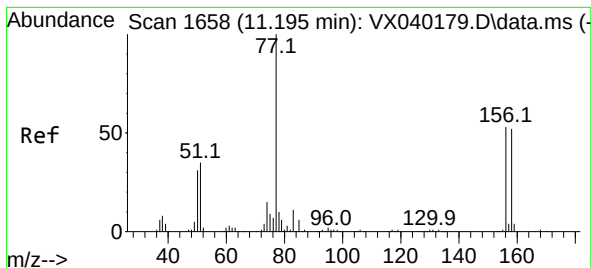
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 55.092 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 75 Resp: 79591
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





#77

Bromobenzene

Concen: 51.778 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 61450

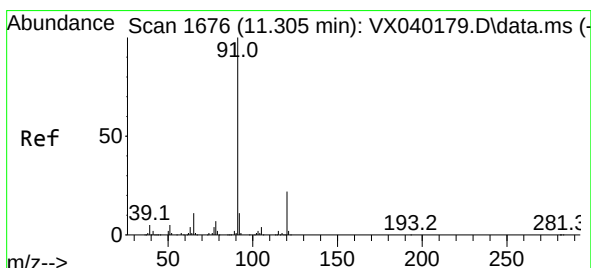
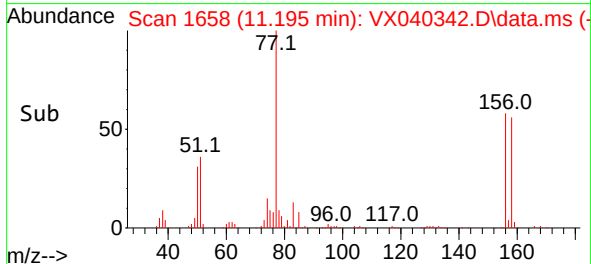
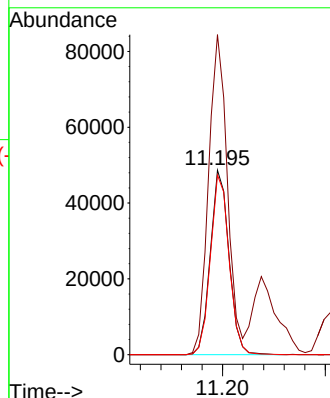
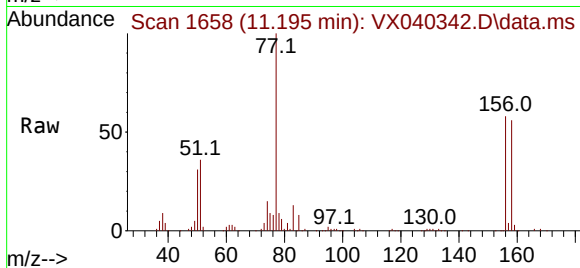
Ion	Ratio	Lower	Upper
156	100		
77	174.5	88.4	265.3
158	97.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#78

n-propylbenzene

Concen: 52.348 ug/l

RT: 11.305 min Scan# 1676

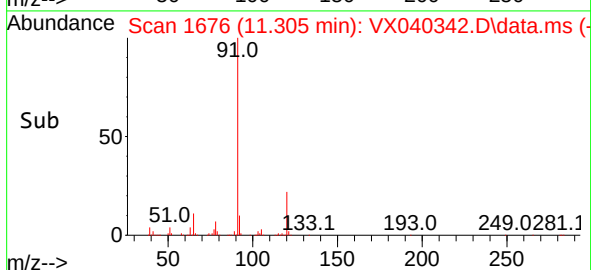
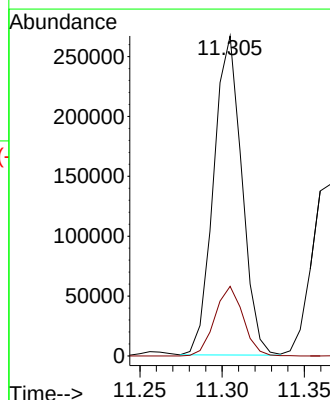
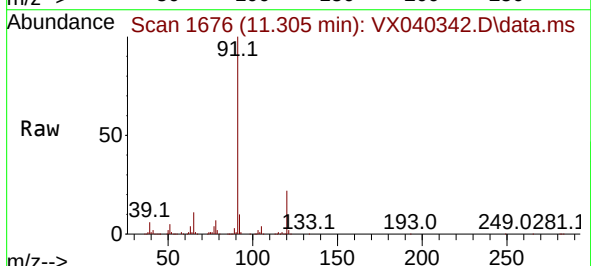
Delta R.T. 0.000 min

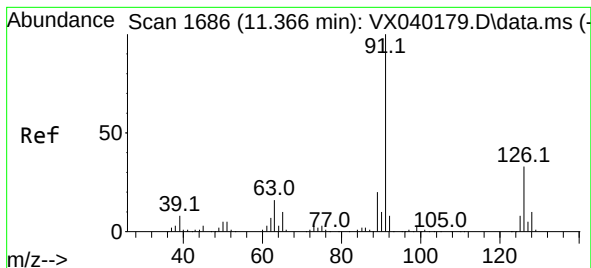
Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Tgt Ion: 91 Resp: 318461

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.278 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 184690

Ion Ratio Lower Upper

91 100

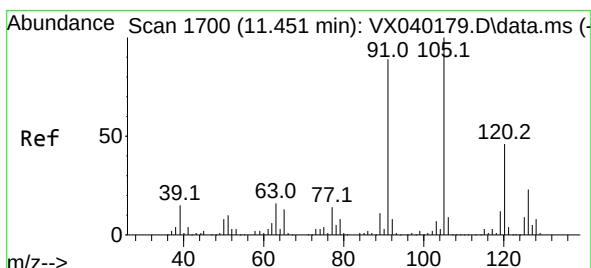
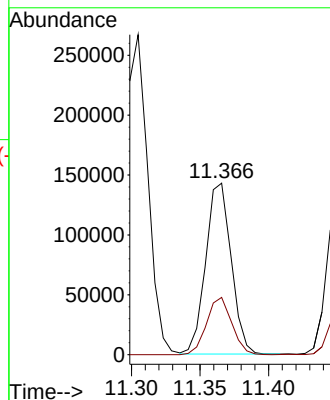
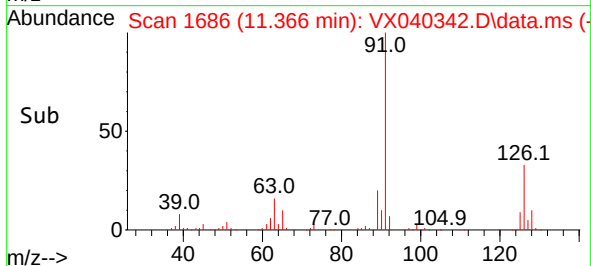
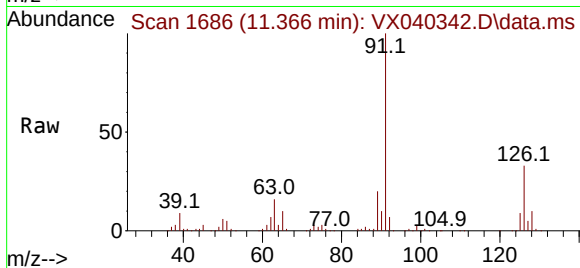
126 33.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.564 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040342.D

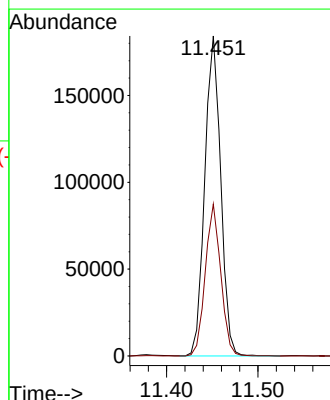
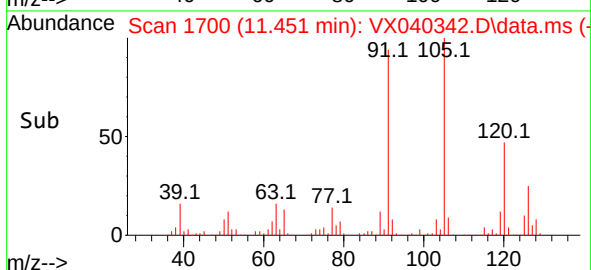
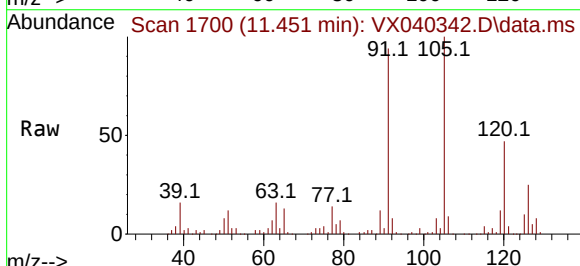
Acq: 19 Feb 2024 19:38

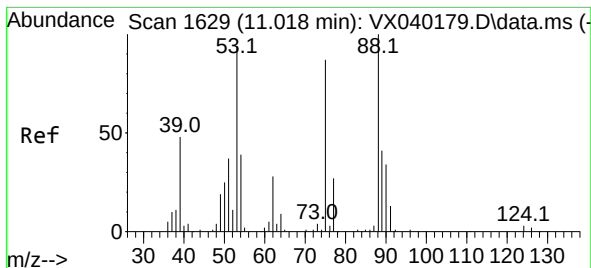
Tgt Ion:105 Resp: 222362

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.3





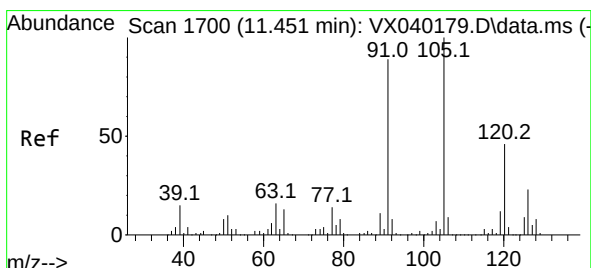
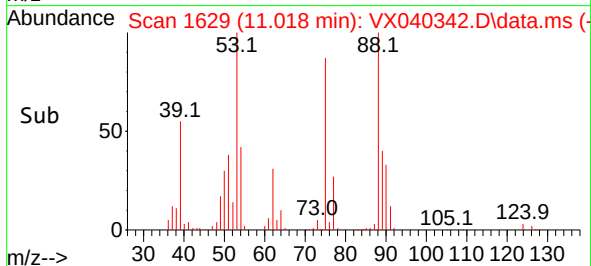
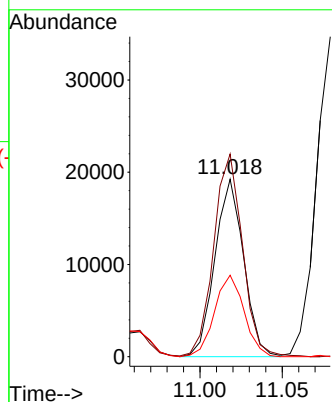
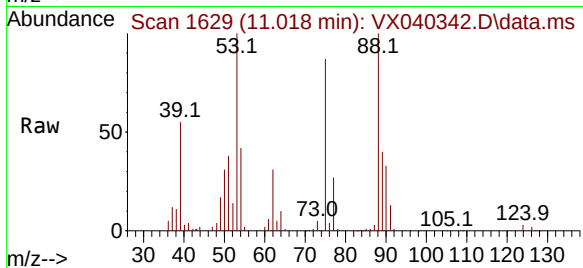
#81
trans-1,4-Dichloro-2-butene
Concen: 45.902 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 23454
Ion Ratio Lower Upper
75 100
53 114.3 90.5 135.7
89 47.1 36.9 55.3

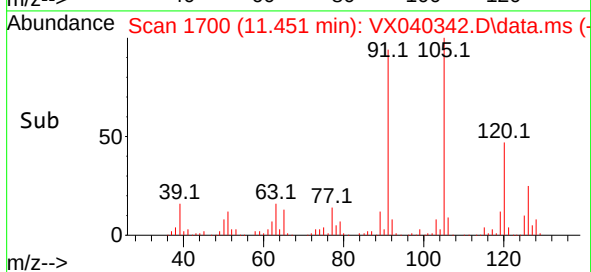
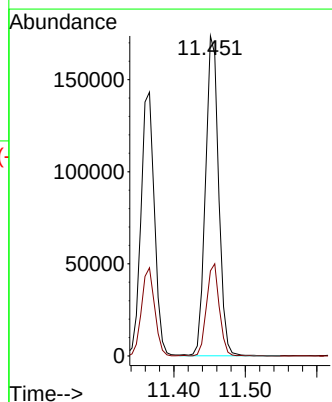
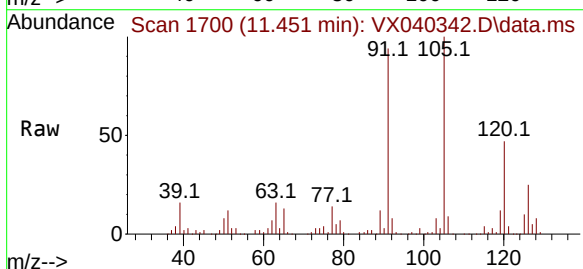
Manual Integrations
APPROVED

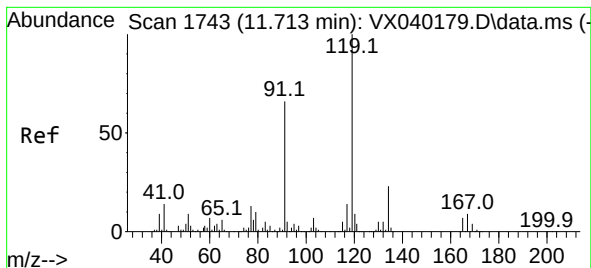
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 50.958 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

Tgt Ion: 91 Resp: 221795
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.916 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040342.D

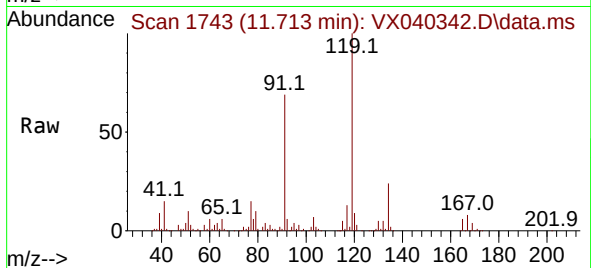
Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:119 Resp: 20702

Ion Ratio Lower Upper

119 100

91 65.2 31.2 93.6

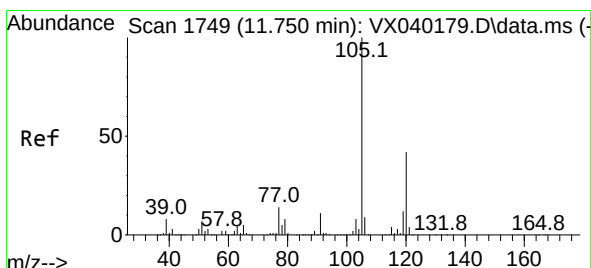
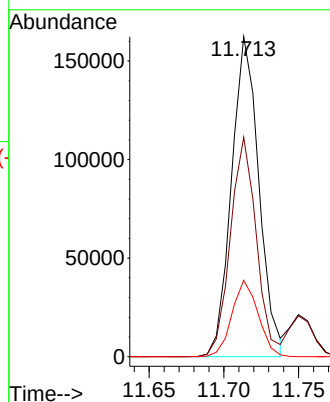
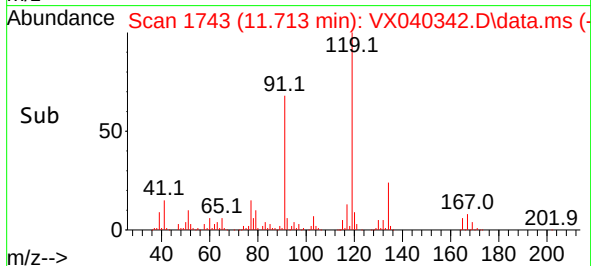
134 22.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.028 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040342.D

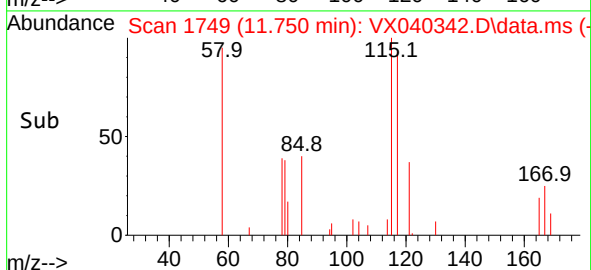
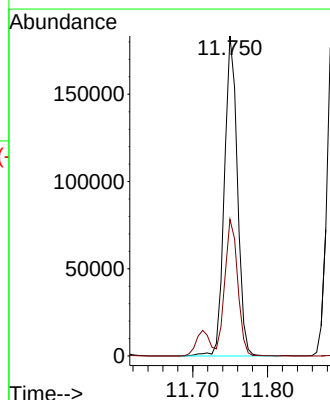
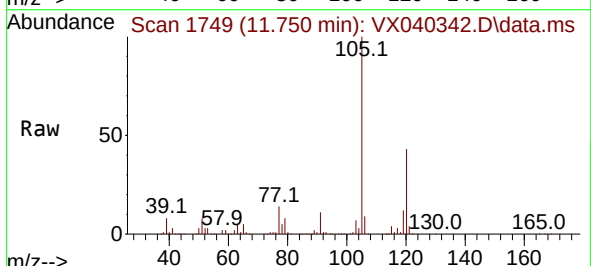
Acq: 19 Feb 2024 19:38

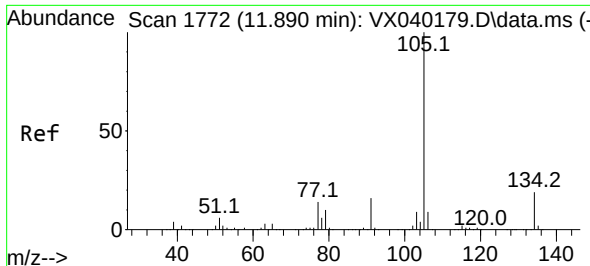
Tgt Ion:105 Resp: 222669

Ion Ratio Lower Upper

105 100

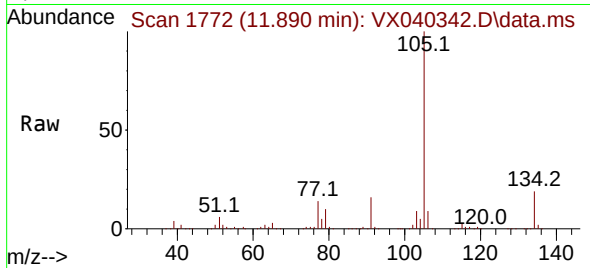
120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.592 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040342.D
 Acq: 19 Feb 2024 19:38

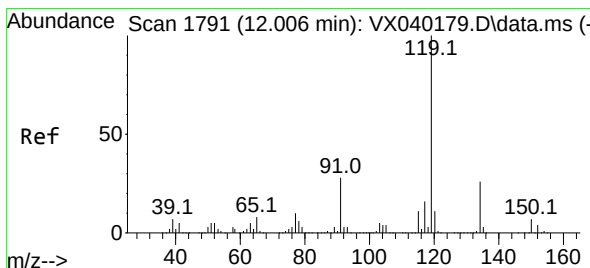
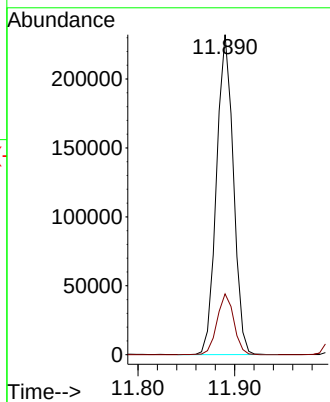
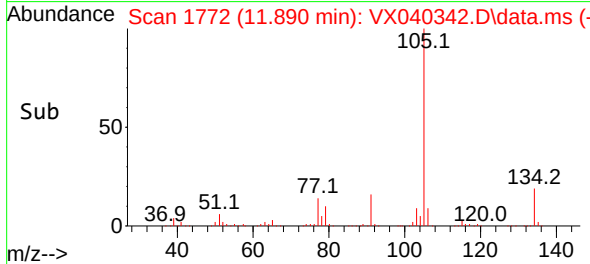
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



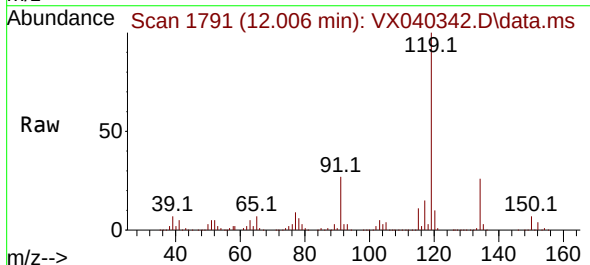
Tgt Ion:105 Resp: 28032
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

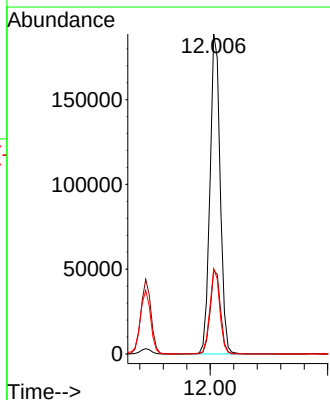
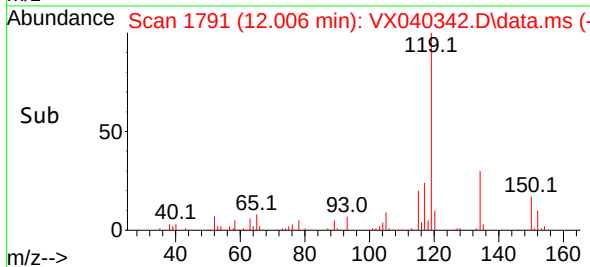
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

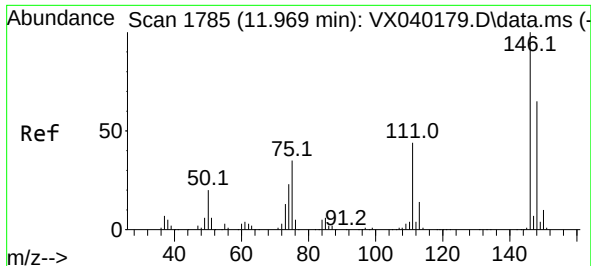


#86
 p-Isopropyltoluene
 Concen: 51.978 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040342.D
 Acq: 19 Feb 2024 19:38



Tgt Ion:119 Resp: 227102
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.387 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040342.D

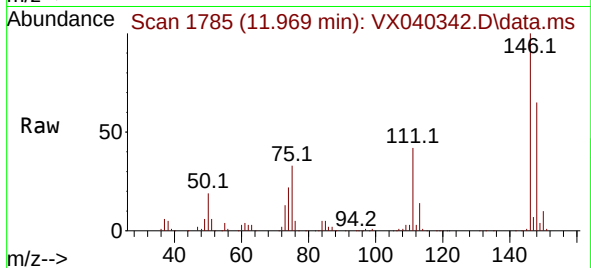
Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 118480

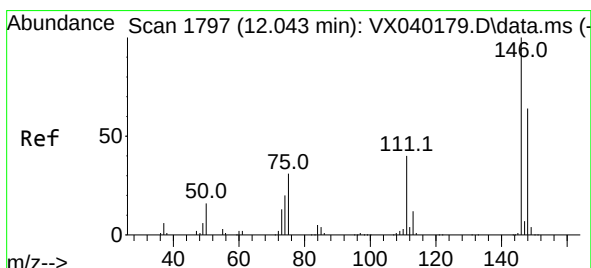
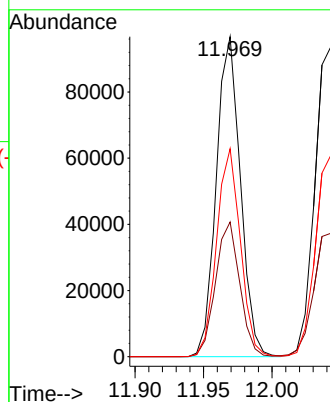
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.1	66.1
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

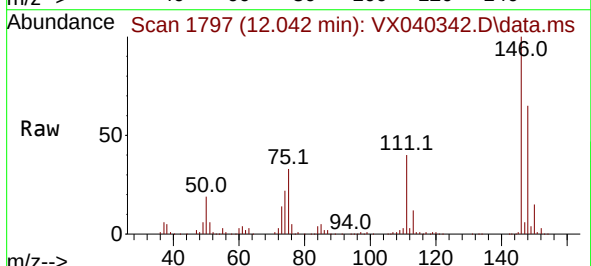
Concen: 48.268 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

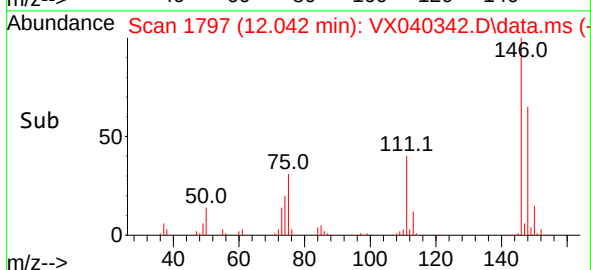
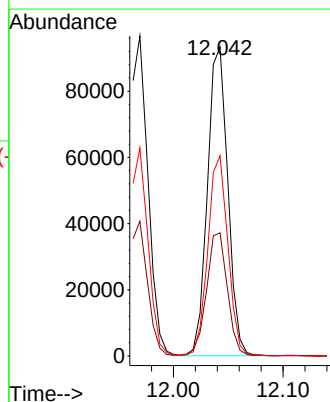
Lab File: VX040342.D

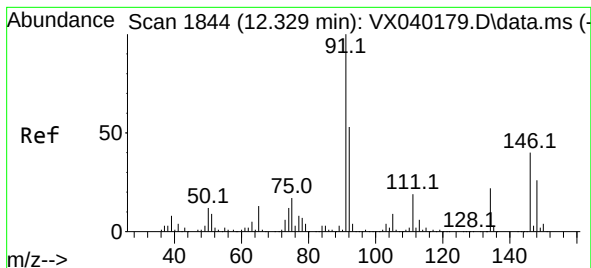
Acq: 19 Feb 2024 19:38



Tgt Ion:146 Resp: 120188

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.7
148	64.0	31.8	95.4





#89

n-Butylbenzene

Concen: 52.103 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 21974

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

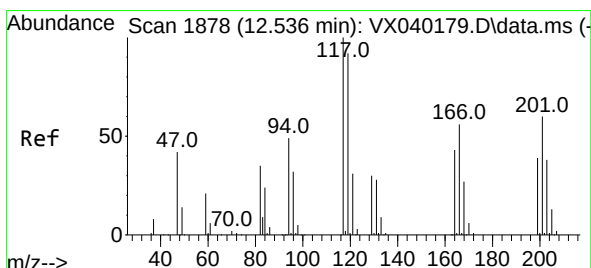
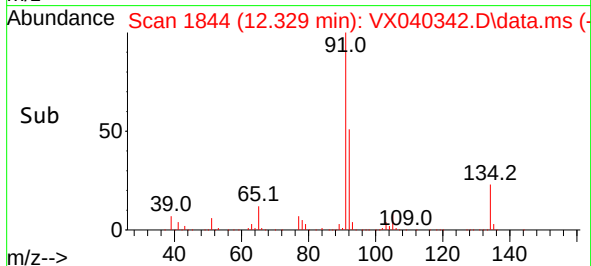
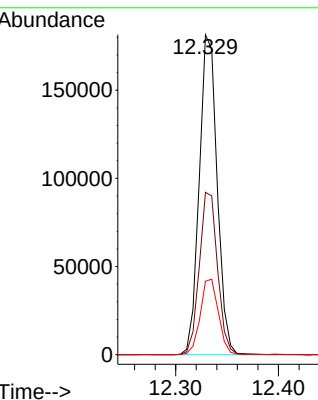
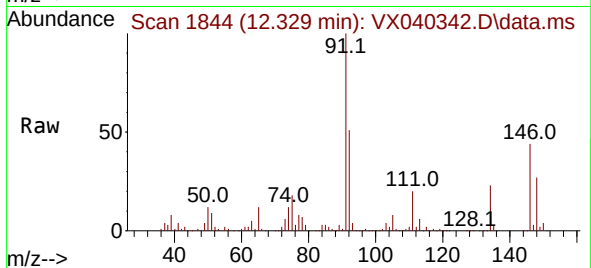
134 23.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#90

Hexachloroethane

Concen: 51.379 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040342.D

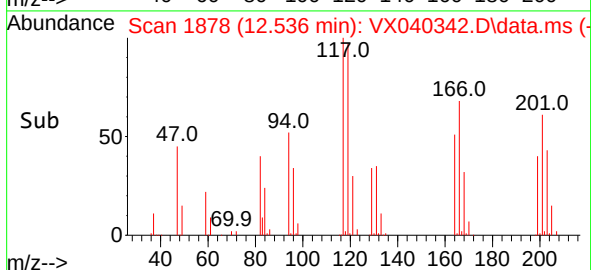
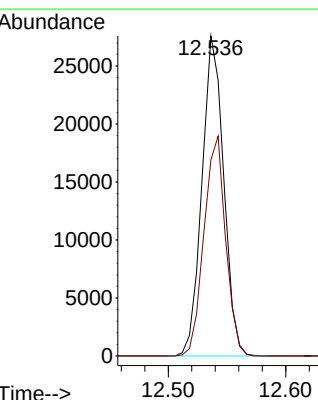
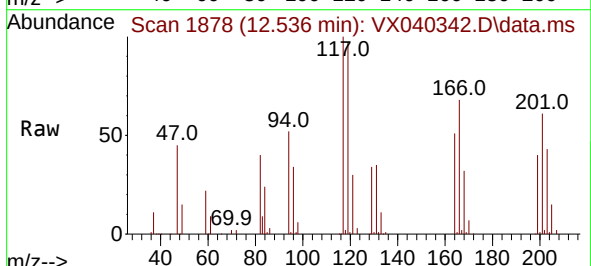
Acq: 19 Feb 2024 19:38

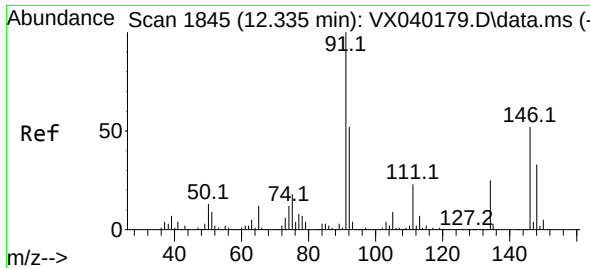
Tgt Ion:117 Resp: 35409

Ion Ratio Lower Upper

117 100

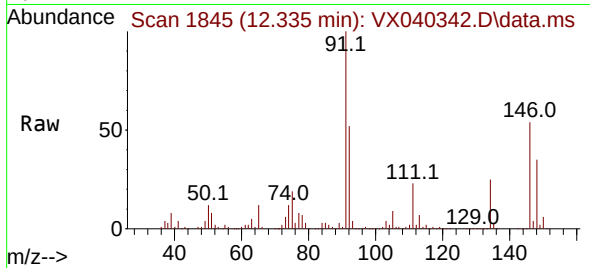
201 68.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.376 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38

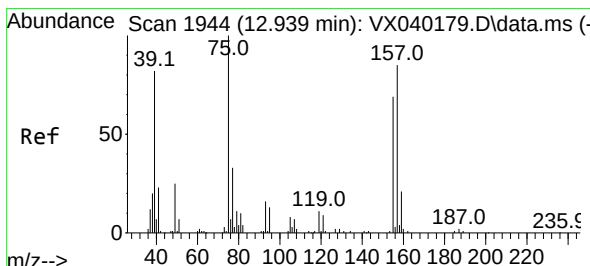
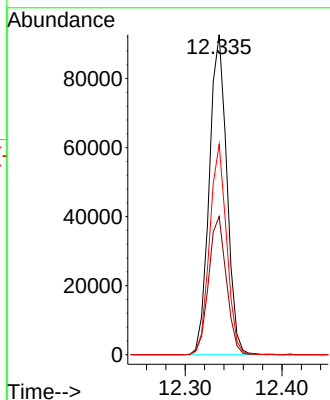
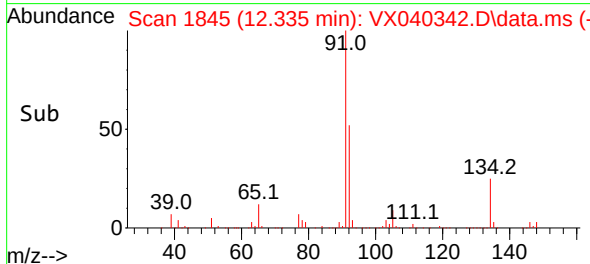
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



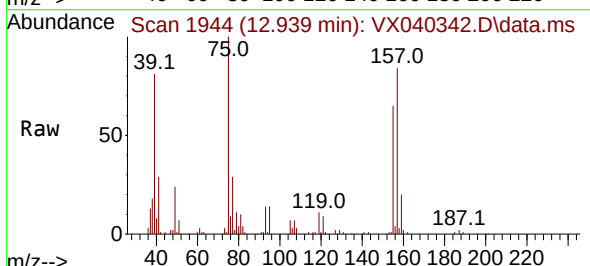
Tgt Ion:146 Resp: 116952
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.8 31.6 95.0

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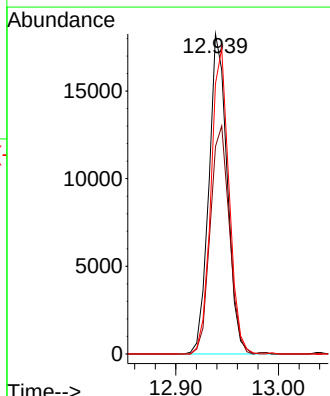
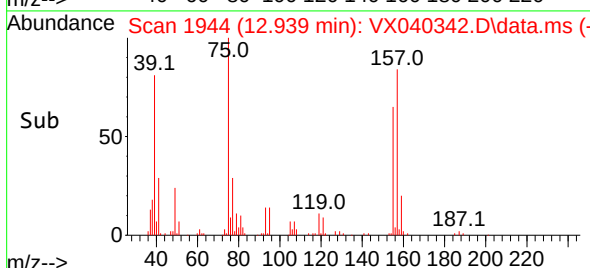
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

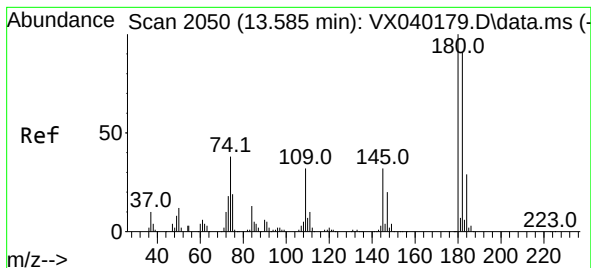


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.375 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040342.D
Acq: 19 Feb 2024 19:38



Tgt Ion: 75 Resp: 22656
Ion Ratio Lower Upper
75 100
155 74.0 36.1 108.5
157 93.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.820 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

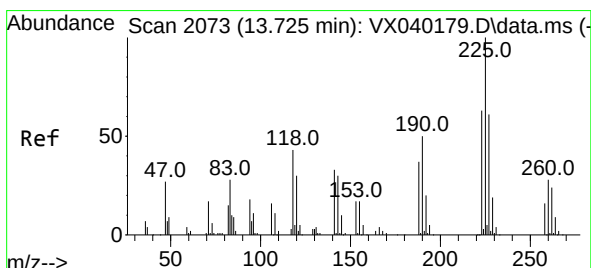
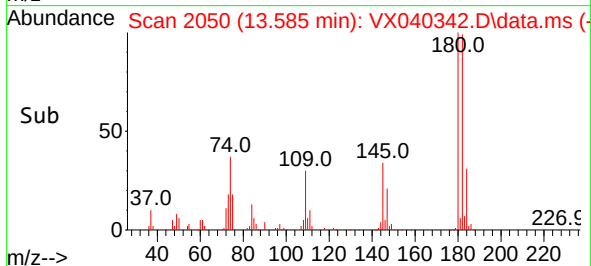
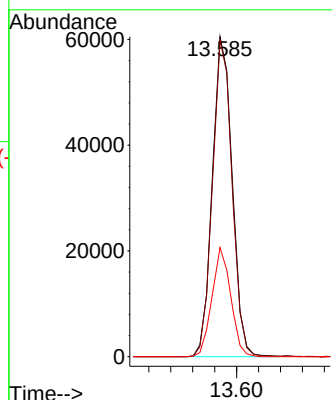
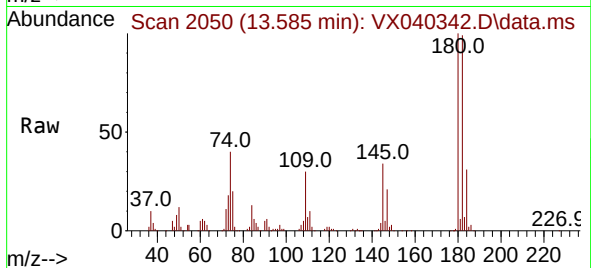
Tgt Ion:180	Resp:	76084
Ion Ratio	Lower	Upper
180	100	
182	97.5	48.3 144.8
145	32.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 45.269 ug/l

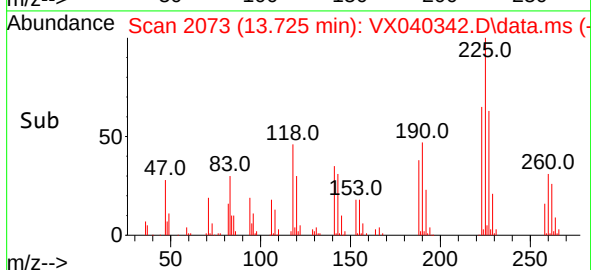
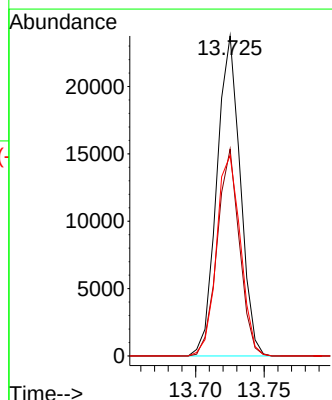
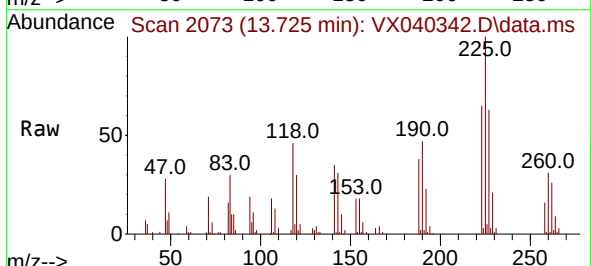
RT: 13.725 min Scan# 2073

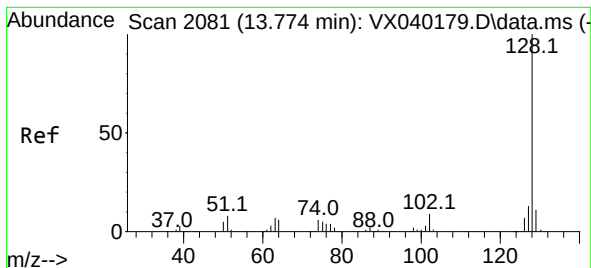
Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Tgt Ion:225	Resp:	28157
Ion Ratio	Lower	Upper
225	100	
223	61.4	31.1 93.2
227	64.1	32.5 97.5





#95

Naphthalene

Concen: 53.038 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

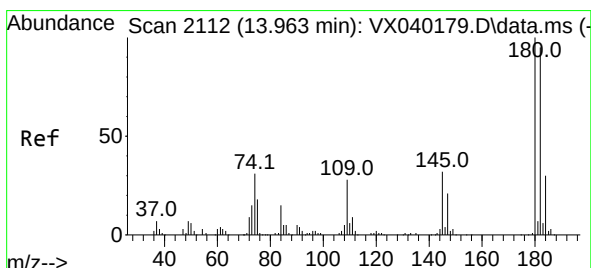
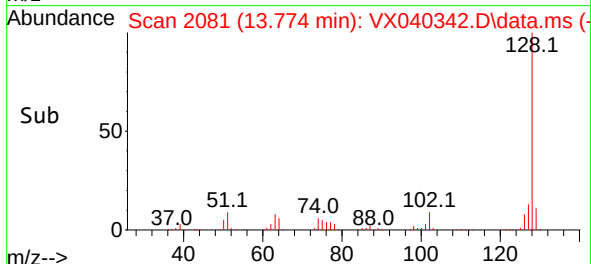
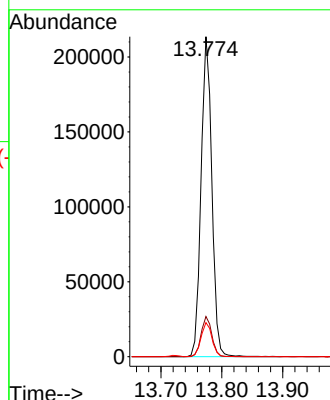
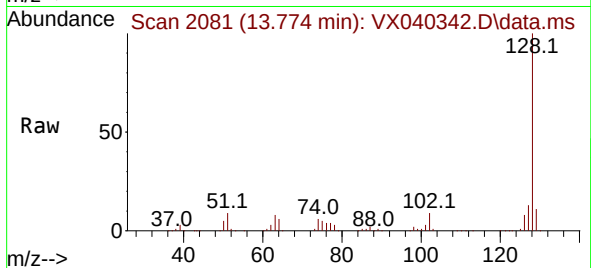
Tgt Ion:128 Resp: 261060
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.3 15.5
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.663 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040342.D

Acq: 19 Feb 2024 19:38

Tgt Ion:180 Resp: 75261
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.9 140.6
 145 33.9 17.8 53.5

