

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045098.D
 Acq On : 28 Feb 2025 18:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 28 23:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2025
 Supervised By : Mahesh Dadoda 03/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79368	49.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.100%		
35) Dibromofluoromethane	5.379	113	61111	50.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.980%		
50) Toluene-d8	8.647	98	219202	49.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.079	95	71007	48.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61893	48.332	ug/l	96
3) Chloromethane	1.307	50	70827	45.195	ug/l	96
4) Vinyl Chloride	1.374	62	74859	48.152	ug/l	96
5) Bromomethane	1.593	94	26503	43.366	ug/l	99
6) Chloroethane	1.660	64	31071	43.329	ug/l	96
7) Trichlorofluoromethane	1.861	101	100933	49.043	ug/l	98
8) Diethyl Ether	2.136	74	38500	47.827	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	61197	51.757	ug/l	100
10) Methyl Iodide	2.441	142	77481	52.436	ug/l	97
11) Tert butyl alcohol	3.001	59	58663	191.387	ug/l	99
12) 1,1-Dichloroethene	2.306	96	61068	48.851	ug/l	96
13) Acrolein	2.239	56	92932	262.281	ug/l	100
14) Allyl chloride	2.654	41	112846	50.713	ug/l	99
15) Acrylonitrile	3.068	53	194959	237.322	ug/l	99
16) Acetone	2.392	43	167728	223.399	ug/l	99
17) Carbon Disulfide	2.495	76	159949	48.039	ug/l	98
18) Methyl Acetate	2.709	43	86076	47.656	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	208116	49.622	ug/l	99
20) Methylene Chloride	2.782	84	70283	47.257	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	63435	51.365	ug/l	96
22) Diisopropyl ether	3.763	45	230741	50.987	ug/l	96
23) Vinyl Acetate	3.721	43	981372	259.857	ug/l	99
24) 1,1-Dichloroethane	3.605	63	125852	49.621	ug/l	99
25) 2-Butanone	4.562	43	272874	241.451	ug/l	100
26) 2,2-Dichloropropane	4.465	77	74982	63.029	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	76889	50.434	ug/l	98
28) Bromochloromethane	4.891	49	60168	49.771	ug/l	99
29) Tetrahydrofuran	5.007	42	180661	238.042	ug/l	100
30) Chloroform	5.086	83	123972	49.194	ug/l	96
31) Cyclohexane	5.464	56	113565	51.583	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	103034	50.622	ug/l	99
36) 1,1-Dichloropropene	5.684	75	84609	50.969	ug/l	99
37) Ethyl Acetate	4.721	43	103765	48.511	ug/l	99
38) Carbon Tetrachloride	5.672	117	85957	51.004	ug/l	96
39) Methylcyclohexane	7.373	83	110750	55.680	ug/l	99
40) Benzene	6.031	78	266243	50.791	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58866	50.896	ug/l	99
42) 1,2-Dichloroethane	6.086	62	94209	49.909	ug/l	100
43) Isopropyl Acetate	6.342	43	161644	51.105	ug/l	100
44) Trichloroethene	7.123	130	62206	50.539	ug/l	96
45) 1,2-Dichloropropane	7.427	63	67418	50.023	ug/l	98
46) Dibromomethane	7.580	93	48257	50.658	ug/l	100
47) Bromodichloromethane	7.818	83	93700	50.147	ug/l	99
48) Methyl methacrylate	7.690	41	79010	49.791	ug/l	99
49) 1,4-Dioxane	7.665	88	31583	943.544	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	527009	248.148	ug/l	100
52) Toluene	8.714	92	159122	51.738	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83188	53.255	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	97016	53.261	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	61955	48.933	ug/l	98
56) Ethyl methacrylate	9.116	69	97958	50.898	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107915	49.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	251496	267.883	ug/l	99
59) 2-Hexanone	9.433	43	389623	253.206	ug/l	100
60) Dibromochloromethane	9.519	129	65842	49.736	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62692	49.600	ug/l	97
64) Tetrachloroethene	9.269	164	50788	52.227	ug/l	96
65) Chlorobenzene	10.079	112	164623	51.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53906	50.382	ug/l	99
67) Ethyl Benzene	10.189	91	294898	52.678	ug/l	99
68) m/p-Xylenes	10.299	106	217787	106.271	ug/l	100
69) o-Xylene	10.640	106	105354	50.972	ug/l	100
70) Styrene	10.652	104	177099	52.954	ug/l	100
71) Bromoform	10.799	173	41684	51.664	ug/l #	98
73) Isopropylbenzene	10.957	105	274956	51.833	ug/l	100
74) N-amyl acetate	10.841	43	132916	53.399	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	96646	49.649	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76731m	48.508	ug/l	
77) Bromobenzene	11.195	156	62546	49.973	ug/l	100
78) n-propylbenzene	11.299	91	316831	52.873	ug/l	100
79) 2-Chlorotoluene	11.360	91	189914	49.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	221858	51.725	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22598	48.890	ug/l	95
82) 4-Chlorotoluene	11.451	91	213820	51.409	ug/l	100
83) tert-Butylbenzene	11.713	119	222604	50.511	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	226285	52.432	ug/l	100
85) sec-Butylbenzene	11.890	105	280591	53.152	ug/l	99
86) p-Isopropyltoluene	12.006	119	227625	53.355	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	113992	51.054	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	112871	49.967	ug/l	99
89) n-Butylbenzene	12.329	91	202412	55.087	ug/l	99
90) Hexachloroethane	12.536	117	39104	50.675	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	114225	50.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19590	51.657	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	69773	54.709	ug/l	99
94) Hexachlorobutadiene	13.725	225	27166	51.956	ug/l	99
95) Naphthalene	13.774	128	267416	54.575	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72423	53.829	ug/l	100

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

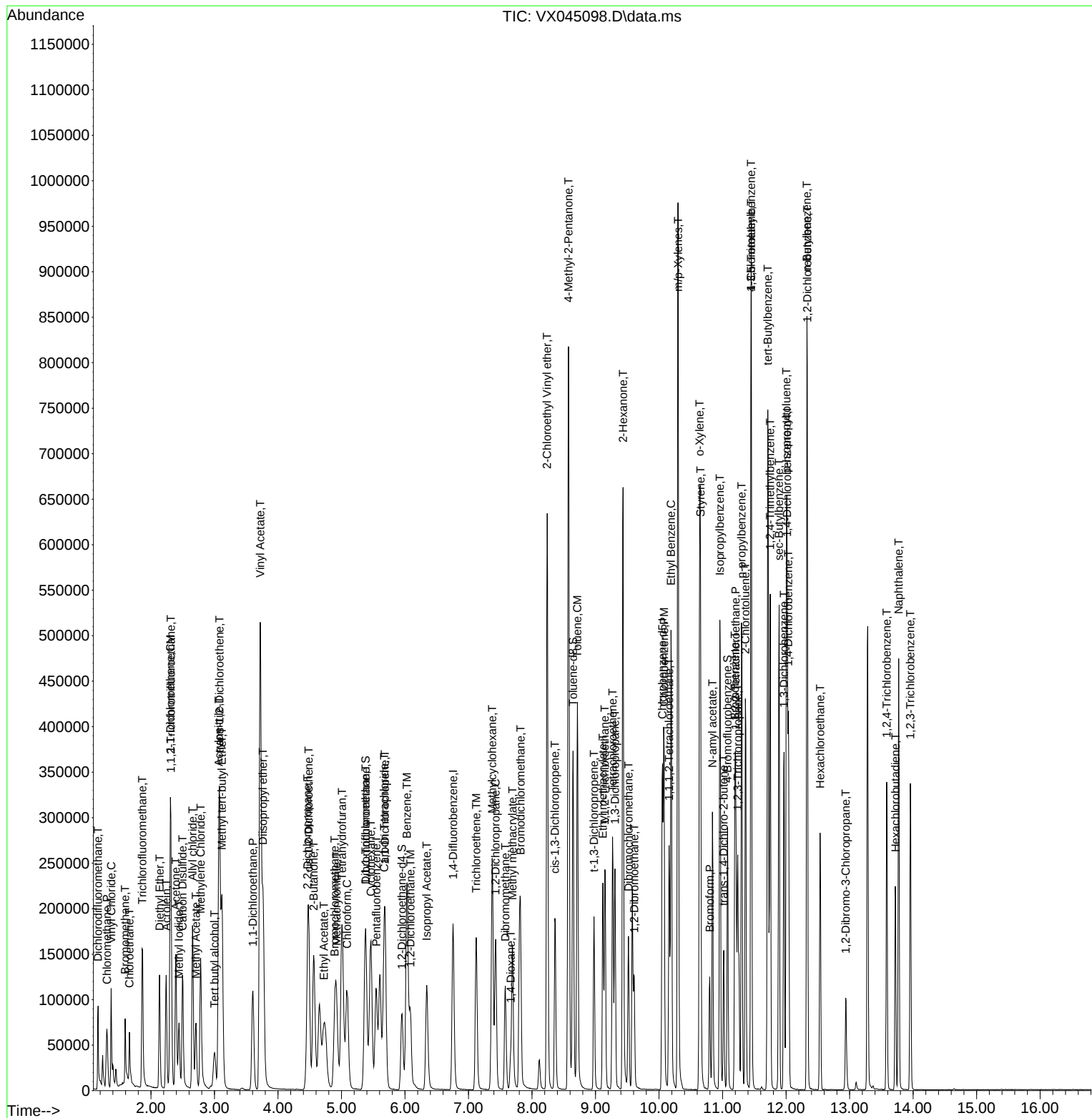
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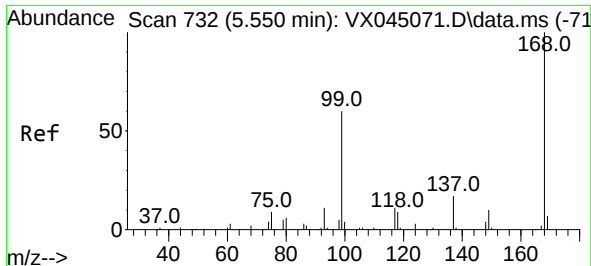
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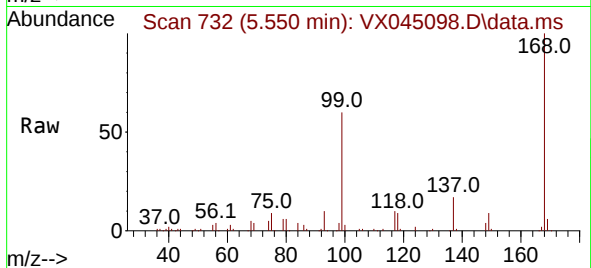
Reviewed By :John Carlone 03/03/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045098.D
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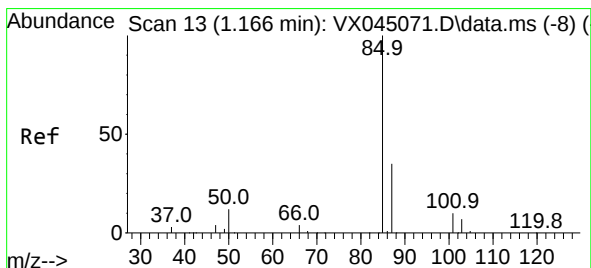
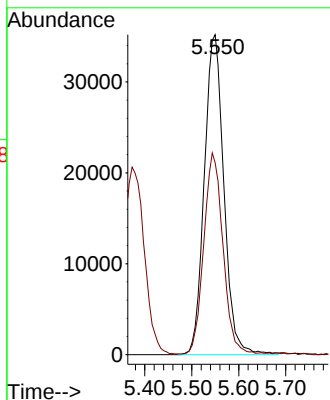
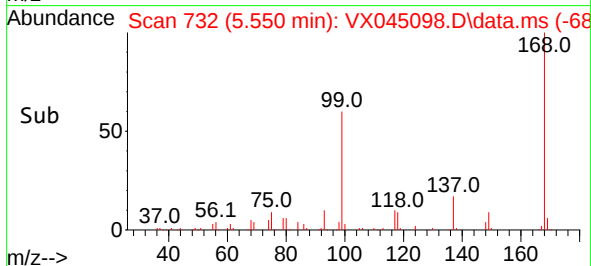
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10173
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4

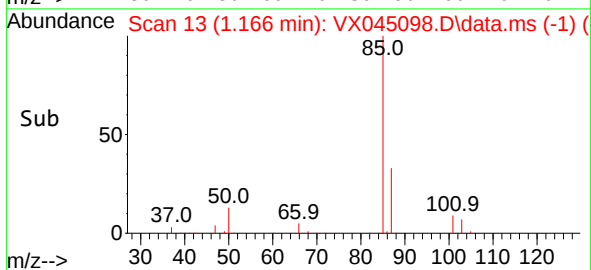
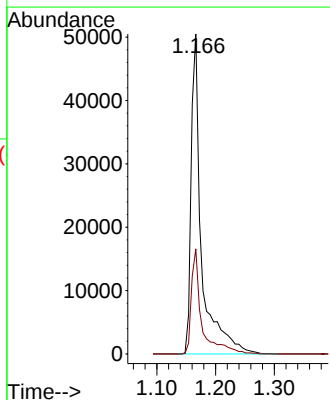
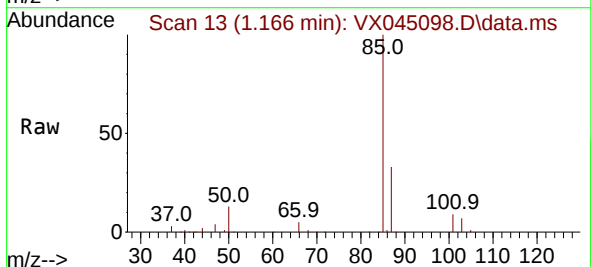
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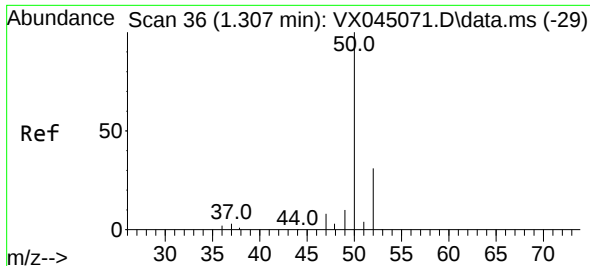
Reviewed By :John Carlone 03/03/2025
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#2
Dichlorodifluoromethane
Concen: 48.332 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 85 Resp: 61893
Ion Ratio Lower Upper
85 100
87 32.9 17.4 52.3





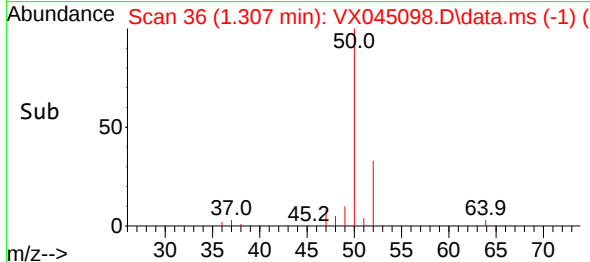
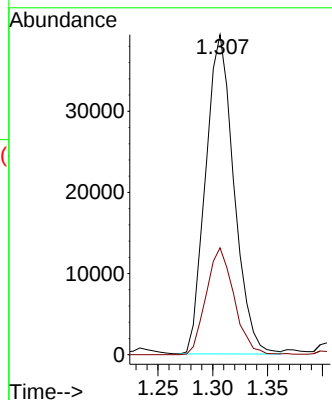
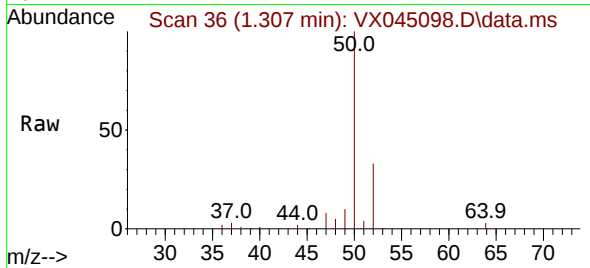
#3
Chloromethane
Concen: 45.195 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 7082
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4

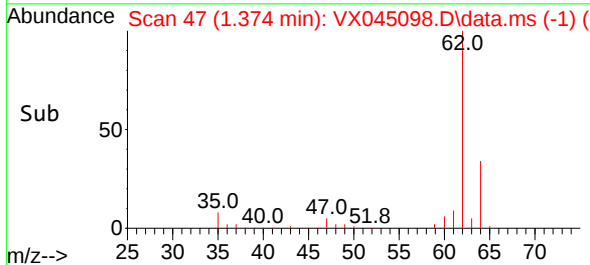
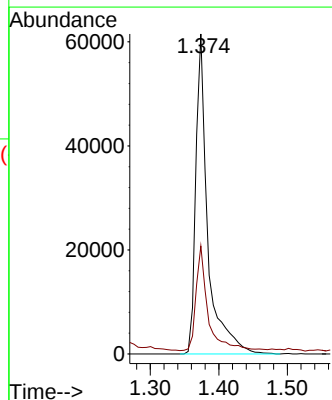
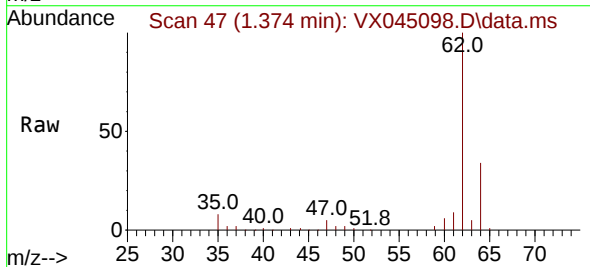
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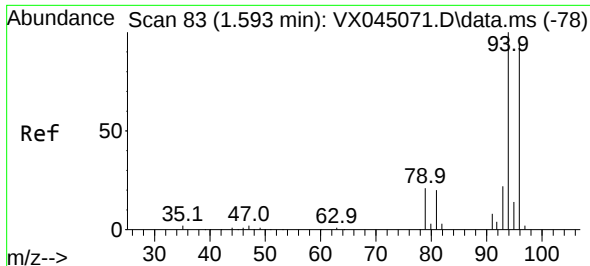
Reviewed By :John Carlone 03/03/2025
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#4
Vinyl Chloride
Concen: 48.152 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

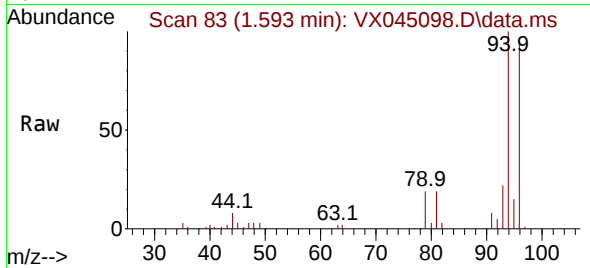
Tgt Ion: 62 Resp: 74859
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5





#5
Bromomethane
Concen: 43.366 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

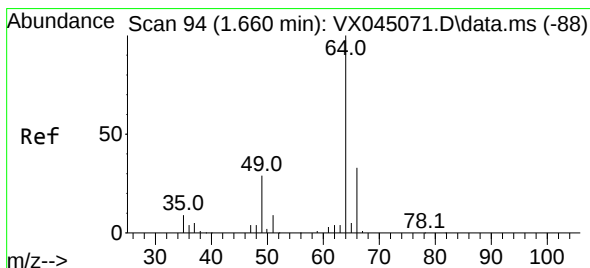
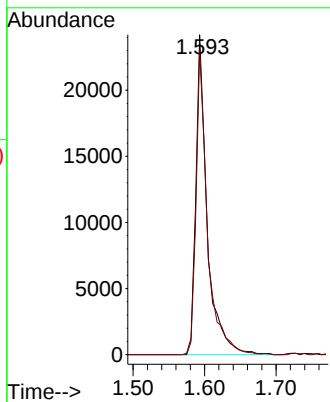
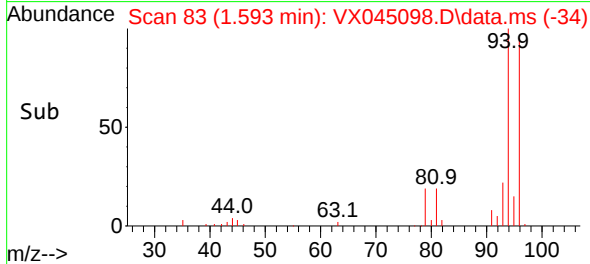
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Tgt Ion: 94 Resp: 2650
Ion Ratio Lower Upper
94 100
96 95.0 75.0 112.4

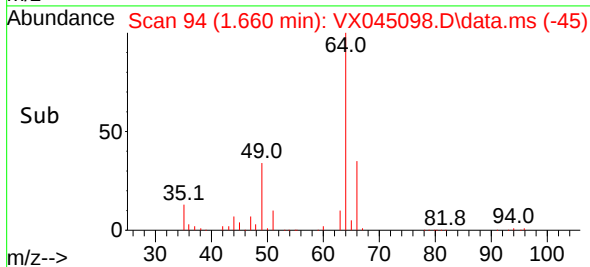
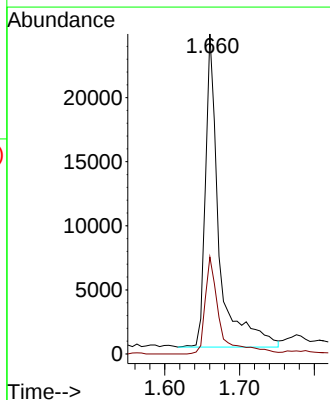
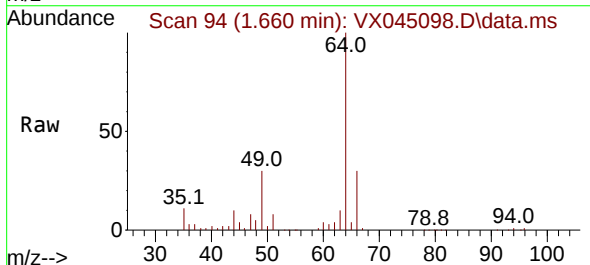
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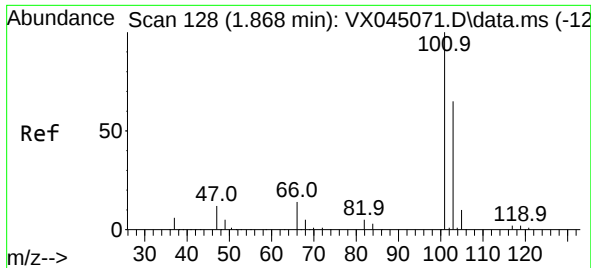
Reviewed By :John Carlone 03/03/2025
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#6
Chloroethane
Concen: 43.329 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

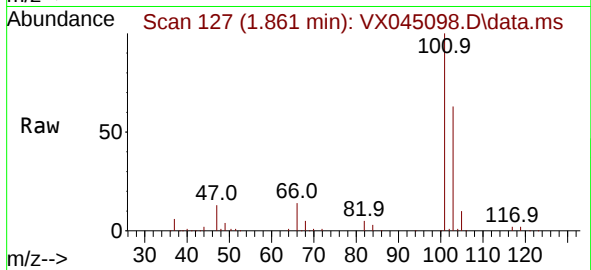
Tgt Ion: 64 Resp: 31071
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1





#7
Trichlorofluoromethane
Concen: 49.043 ug/l
RT: 1.861 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

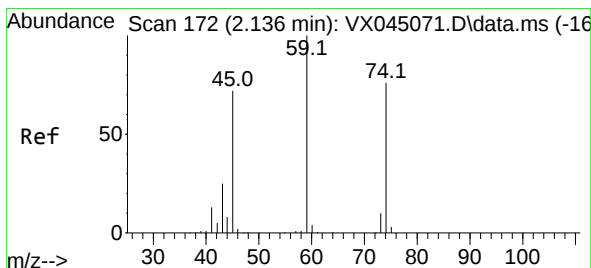
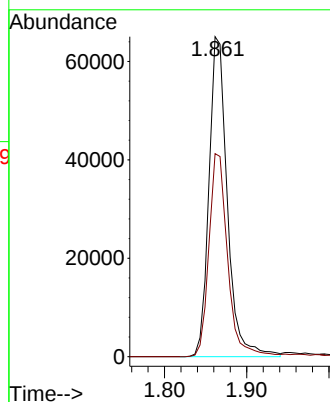
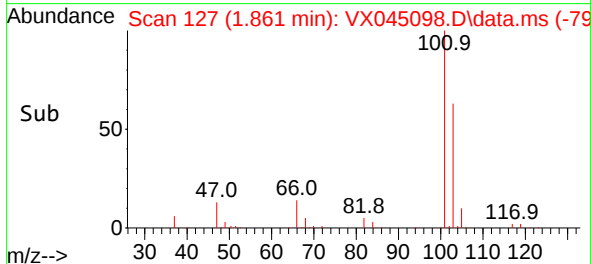
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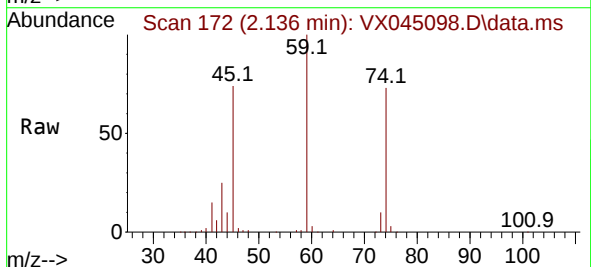
Tgt Ion:101 Resp: 10093
Ion Ratio Lower Upper
101 100
103 63.5 52.1 78.1

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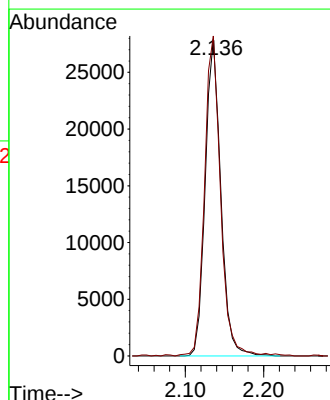
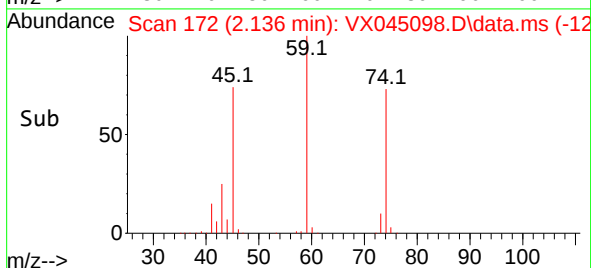
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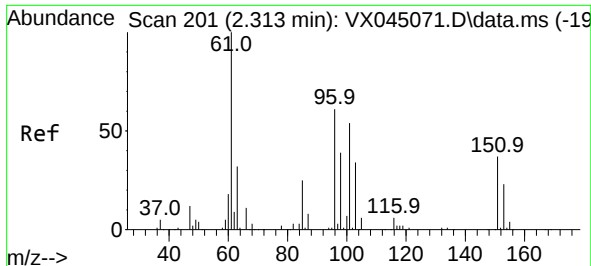


#8
Diethyl Ether
Concen: 47.827 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion: 74 Resp: 38500
Ion Ratio Lower Upper
74 100
45 103.2 51.5 154.5





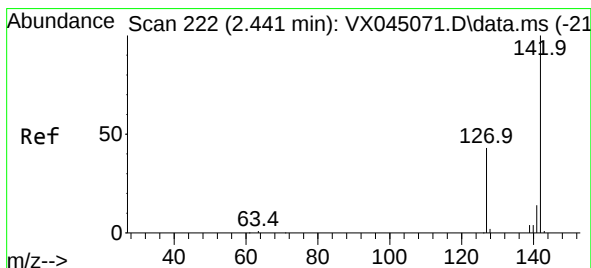
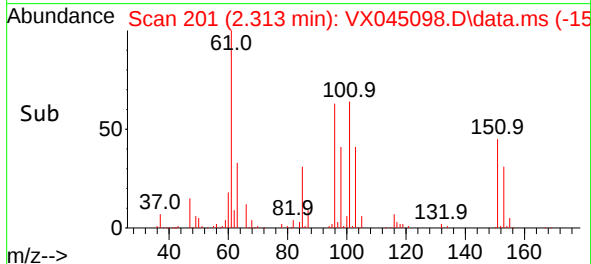
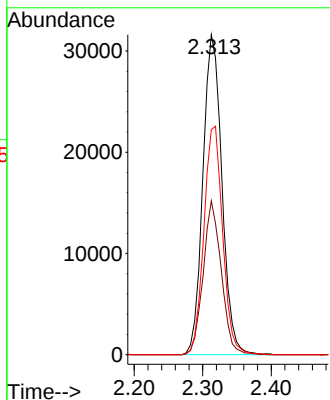
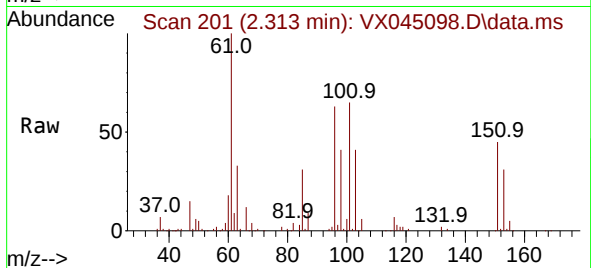
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.757 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 61197
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 70.5 56.4 84.6

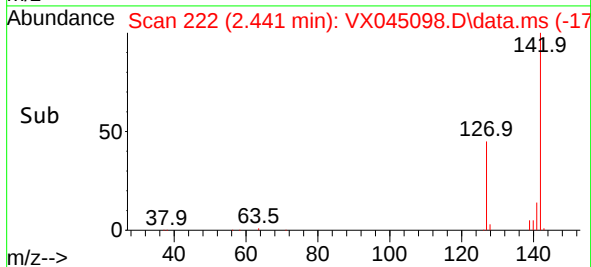
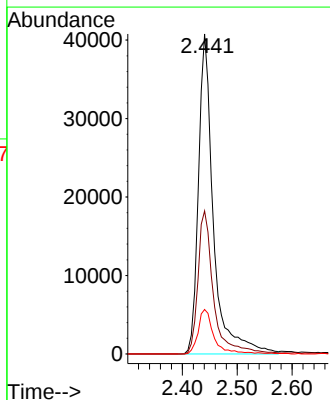
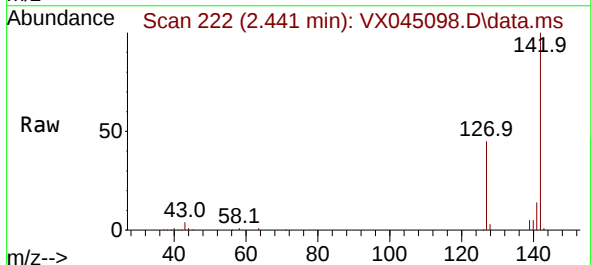
Manual Integrations
APPROVED

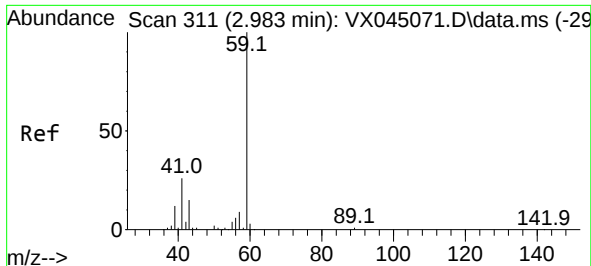
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#10
Methyl Iodide
Concen: 52.436 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion:142 Resp: 77481
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.2
141 14.8 11.6 17.4





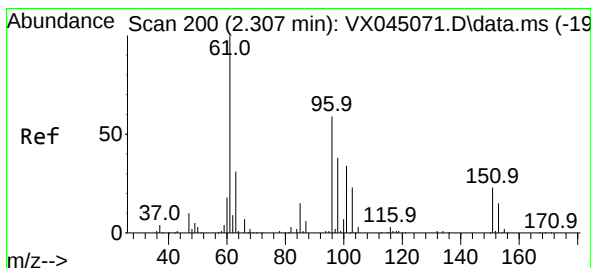
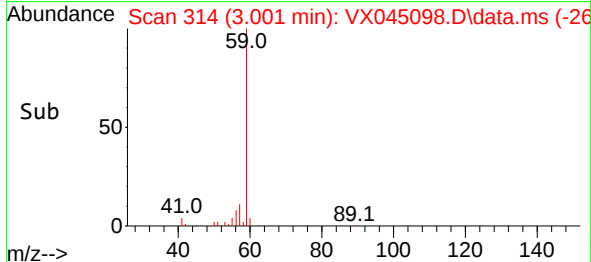
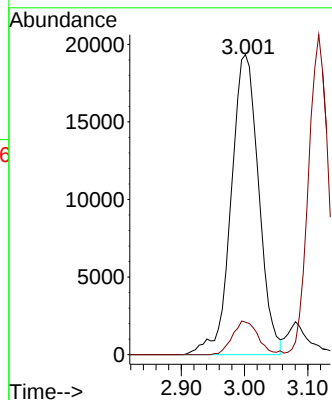
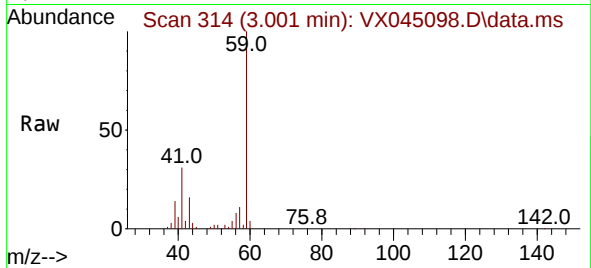
#11
Tert butyl alcohol
Concen: 191.387 ug/l
RT: 3.001 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 5866
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

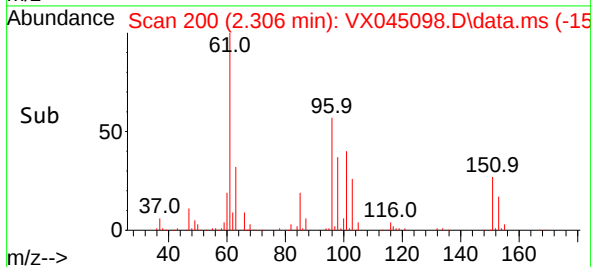
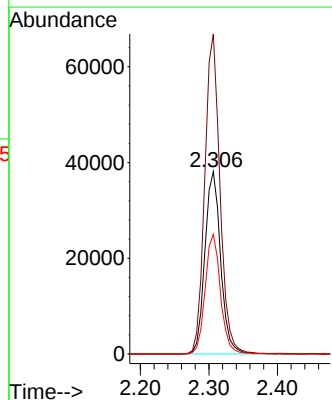
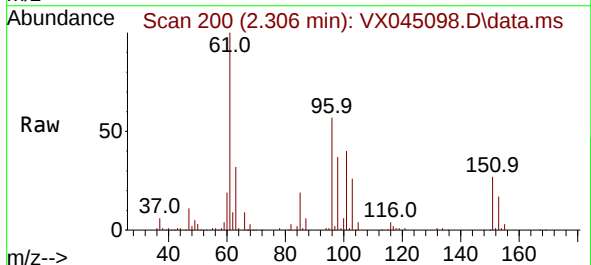
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#12
1,1-Dichloroethene
Concen: 48.851 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 96 Resp: 61068
Ion Ratio Lower Upper
96 100
61 175.4 134.6 202.0
98 65.6 51.0 76.6





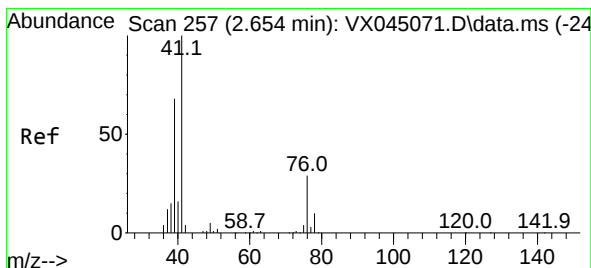
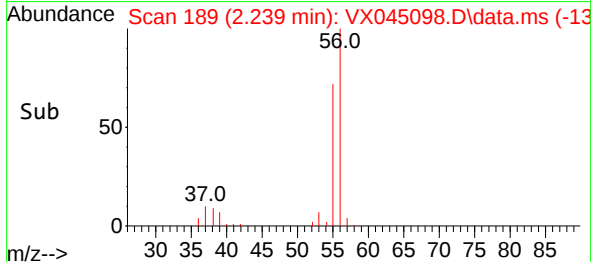
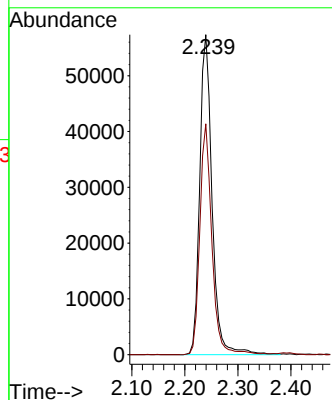
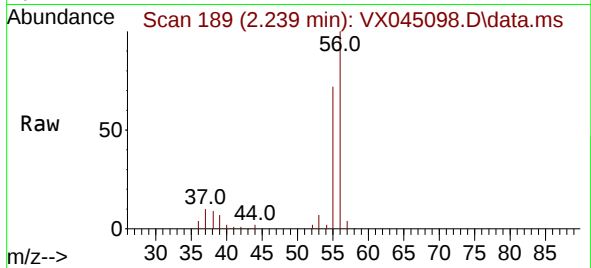
#13
Acrolein
Concen: 262.281 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 92932
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.4

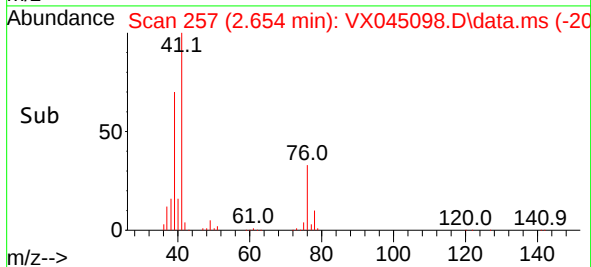
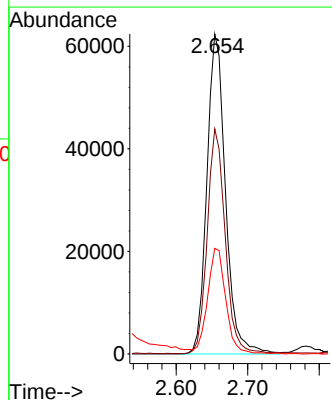
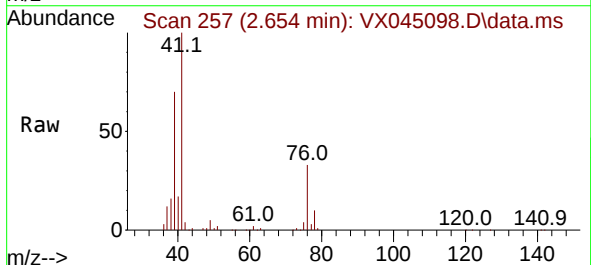
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#14
Allyl chloride
Concen: 50.713 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

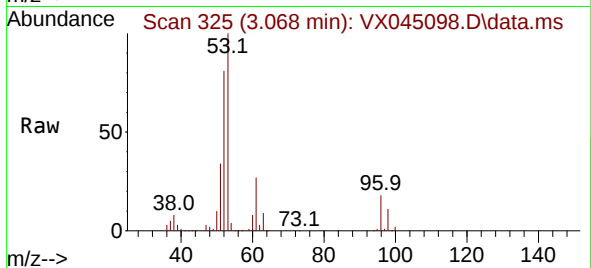
Tgt Ion: 41 Resp: 112846
Ion Ratio Lower Upper
41 100
39 67.8 53.8 80.8
76 32.4 25.2 37.8





#15
Acrylonitrile
Concen: 237.322 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

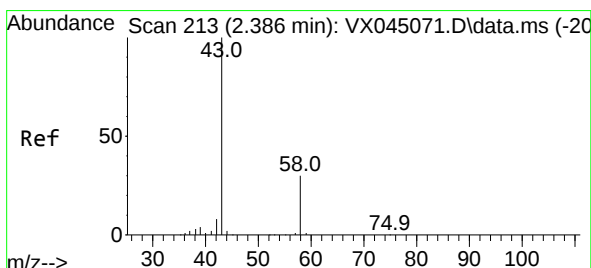
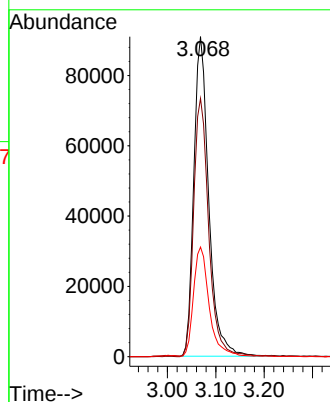
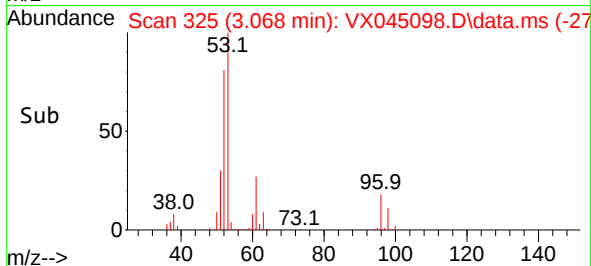
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



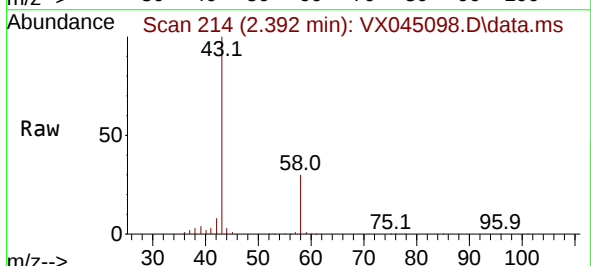
Tgt Ion: 53 Resp: 194959
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.2
51 36.2 29.0 43.4

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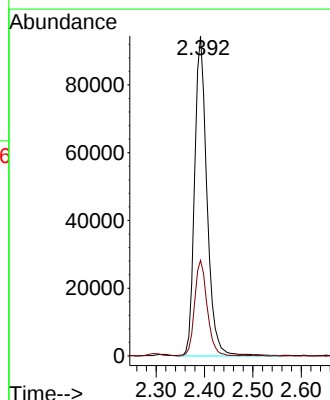
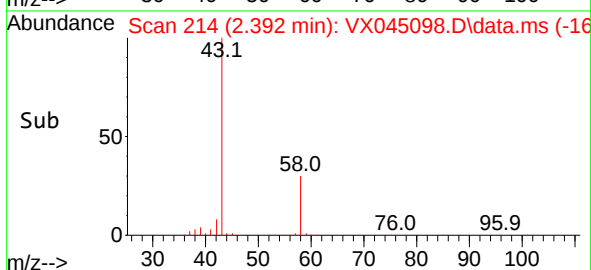
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

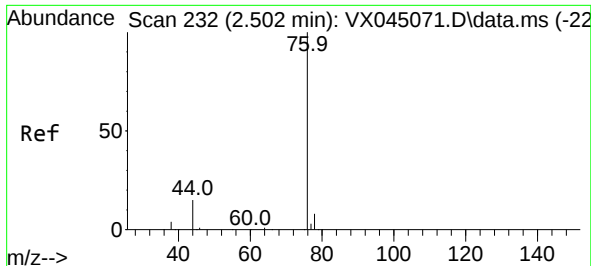


#16
Acetone
Concen: 223.399 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion: 43 Resp: 167728
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.4





#17

Carbon Disulfide

Concen: 48.039 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 159949

Ion Ratio Lower Upper

76 100

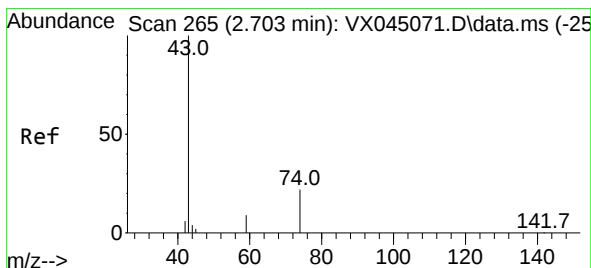
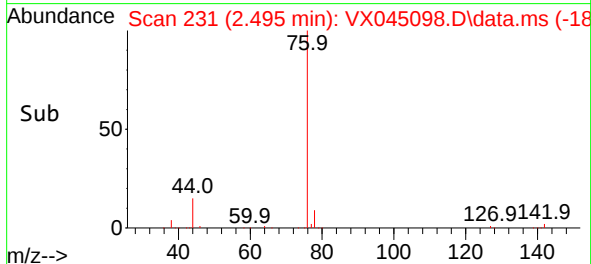
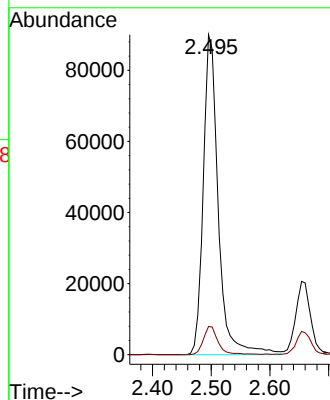
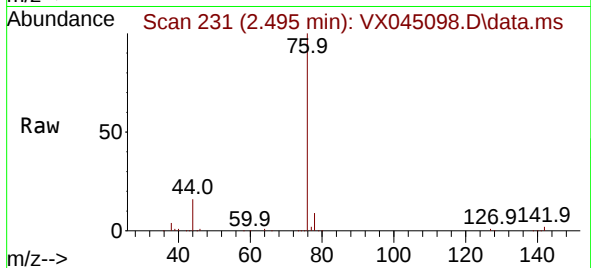
78 8.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#18

Methyl Acetate

Concen: 47.656 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045098.D

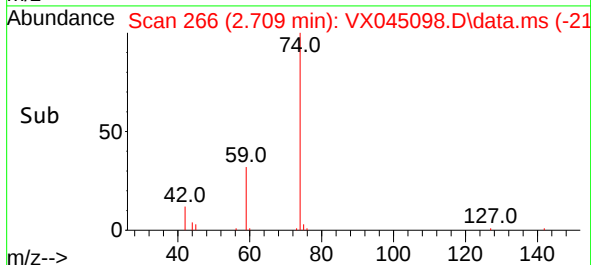
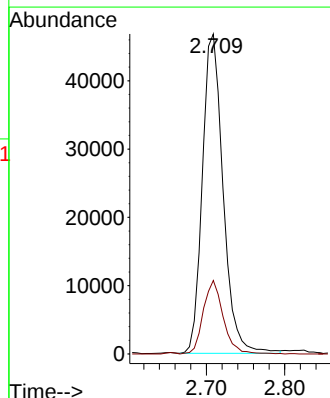
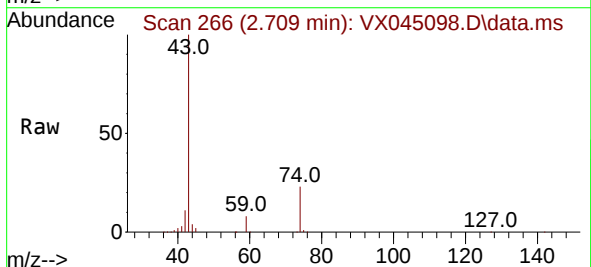
Acq: 28 Feb 2025 18:50

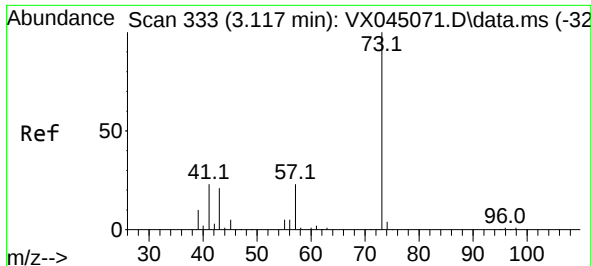
Tgt Ion: 43 Resp: 86076

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2





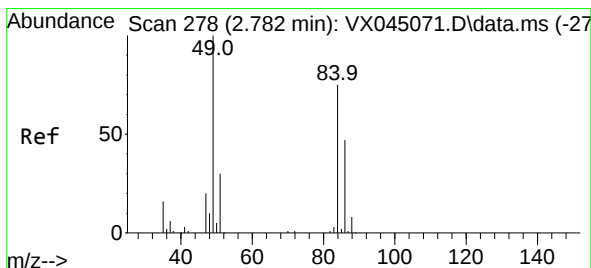
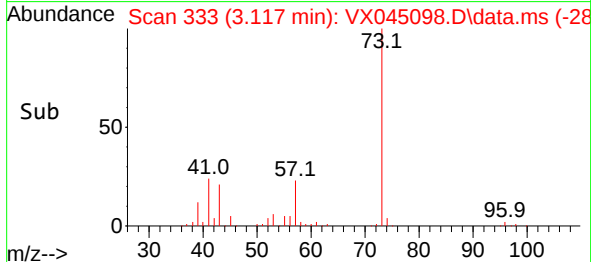
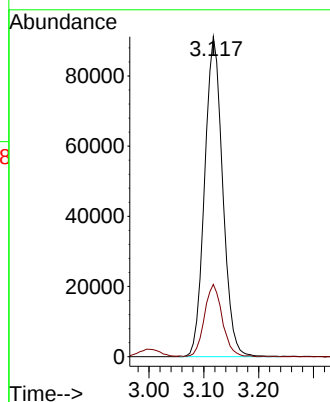
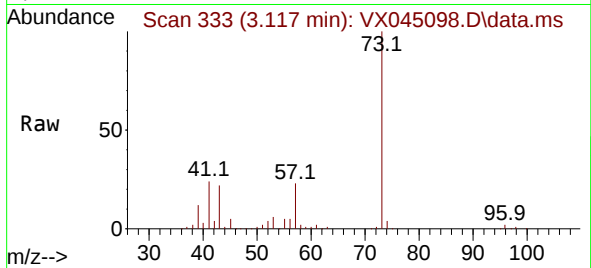
#19
Methyl tert-butyl Ether
Concen: 49.622 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 208110
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

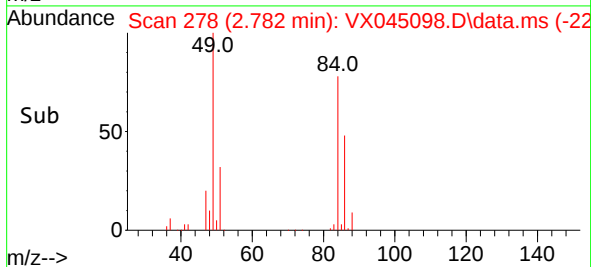
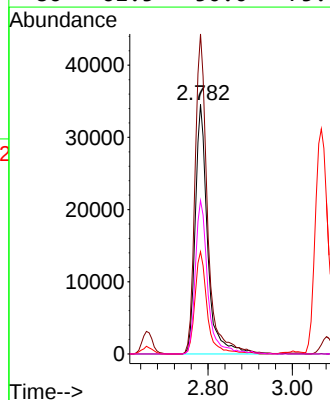
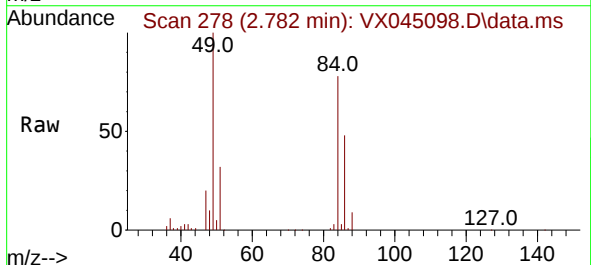
Manual Integrations
APPROVED

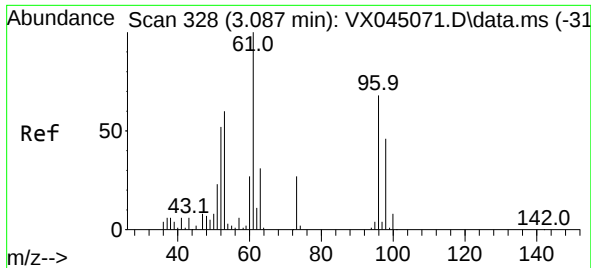
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#20
Methylene Chloride
Concen: 47.257 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

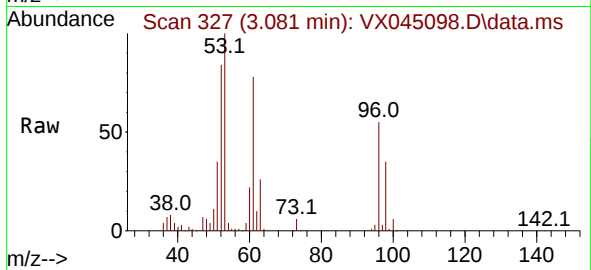
Tgt Ion: 84 Resp: 70283
Ion Ratio Lower Upper
84 100
49 128.3 106.5 159.7
51 41.0 32.1 48.1
86 61.5 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 51.365 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

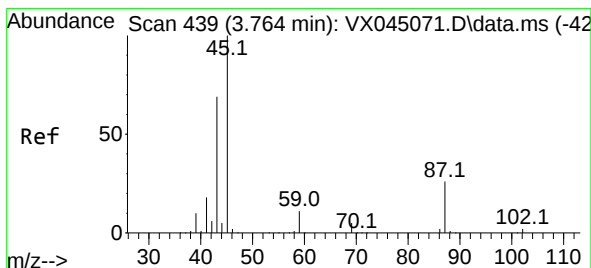
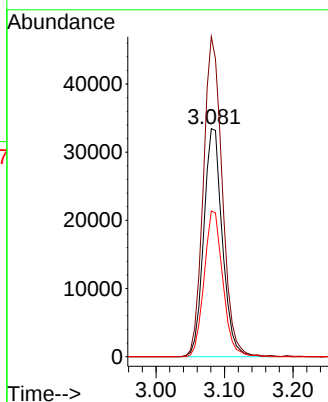
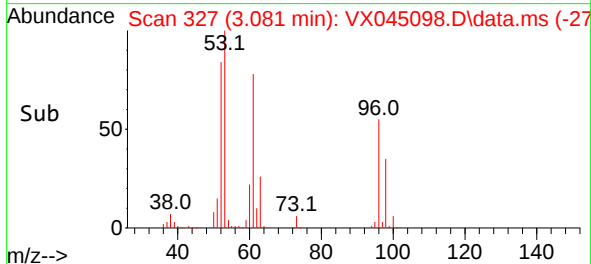
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 63438
Ion Ratio Lower Upper
96 100
61 140.3 117.0 175.4
98 63.9 53.4 80.2

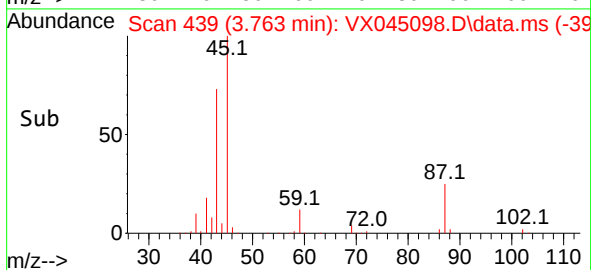
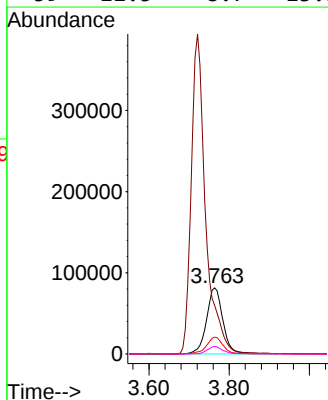
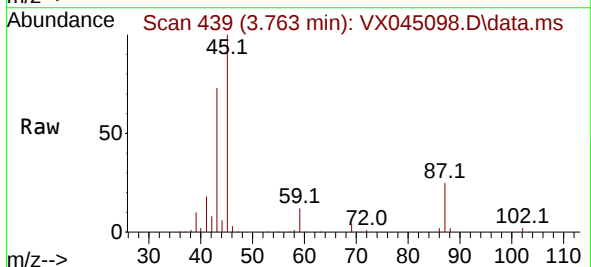
Manual Integrations
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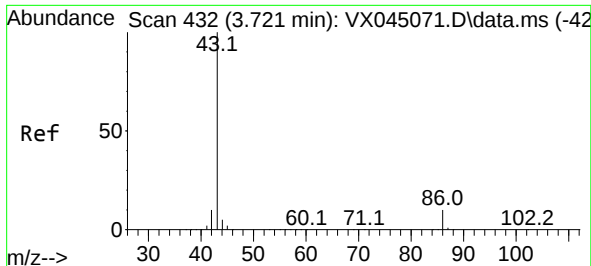
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#22
Diisopropyl ether
Concen: 50.987 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

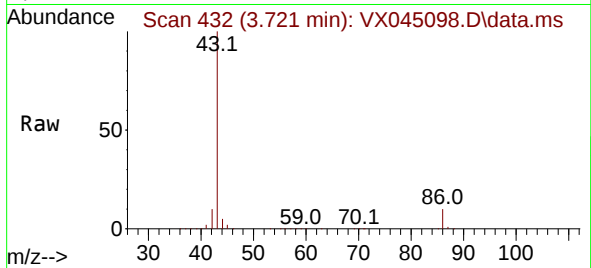
Tgt Ion: 45 Resp: 230741
Ion Ratio Lower Upper
45 100
43 73.1 54.9 82.3
87 25.3 21.0 31.4
59 11.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 259.857 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045098.D
 Acq: 28 Feb 2025 18:50

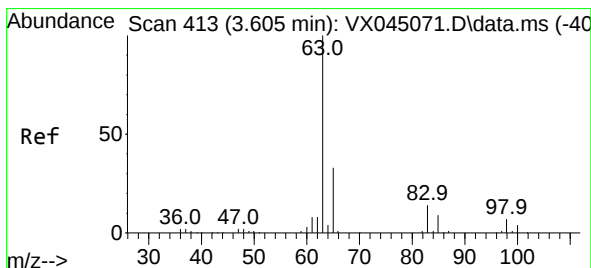
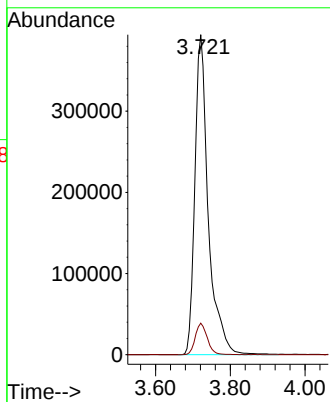
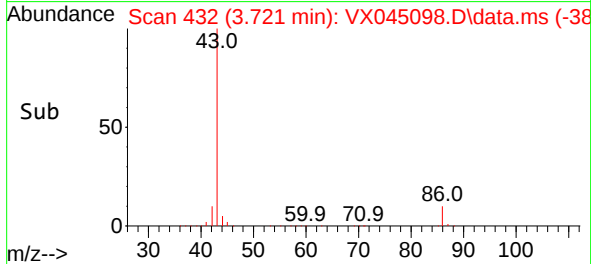
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



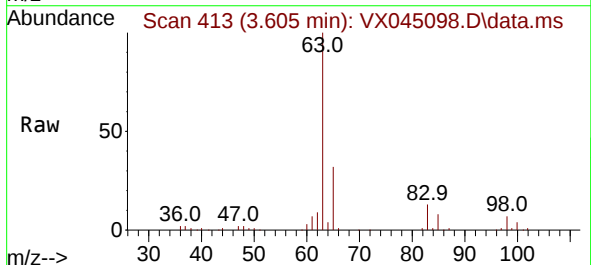
Tgt Ion: 43 Resp: 981372
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
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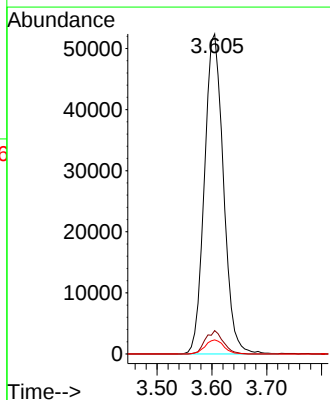
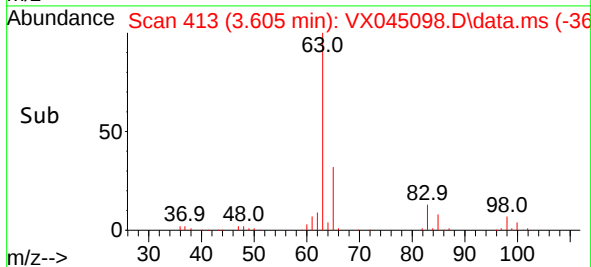
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025

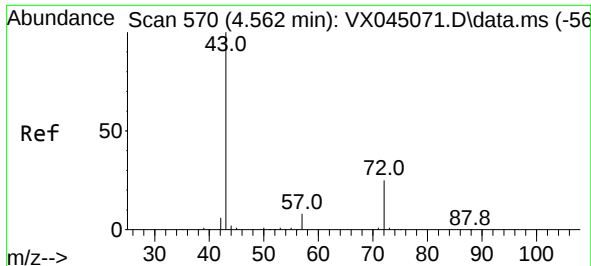


#24
 1,1-Dichloroethane
 Concen: 49.621 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045098.D
 Acq: 28 Feb 2025 18:50



Tgt Ion: 63 Resp: 125852
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.4 2.1 6.5





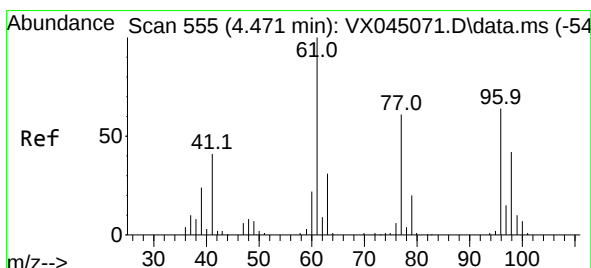
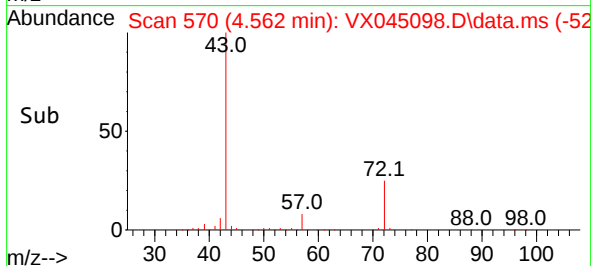
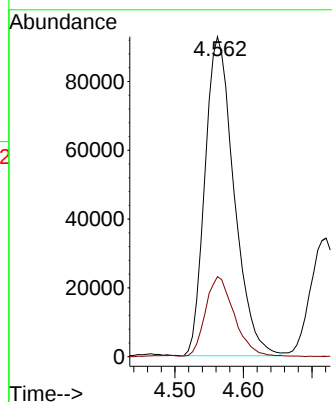
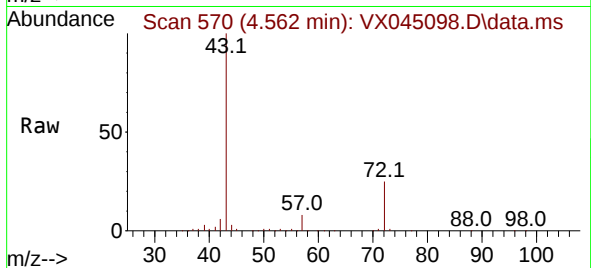
#25
2-Butanone
Concen: 241.451 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 272874
Ion Ratio Lower Upper
43 100
72 24.9 20.0 30.0

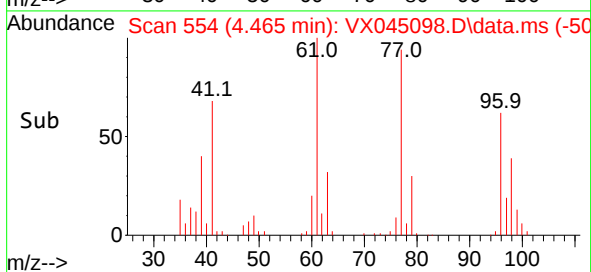
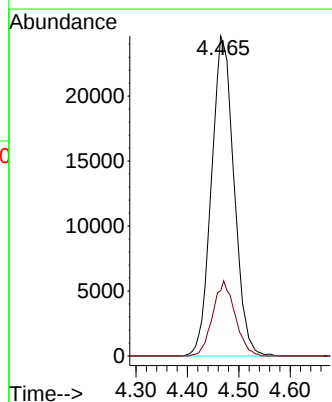
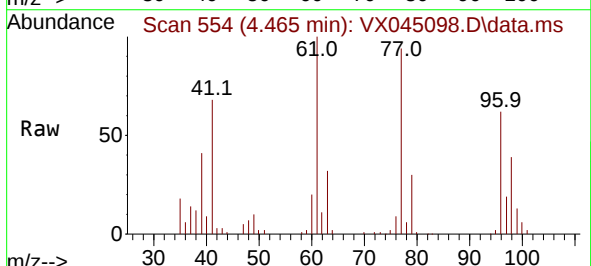
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#26
2,2-Dichloropropane
Concen: 63.029 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 77 Resp: 74982
Ion Ratio Lower Upper
77 100
97 23.3 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 50.434 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045098.D
 Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

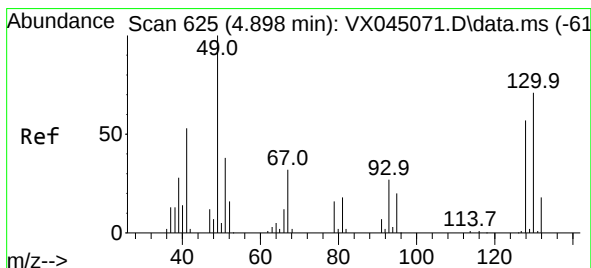
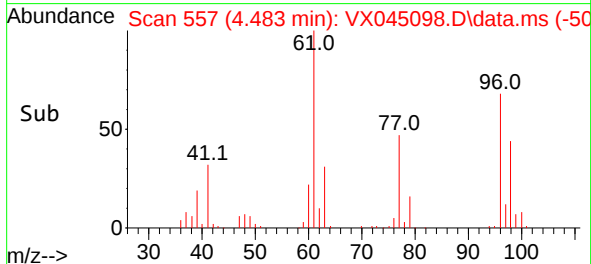
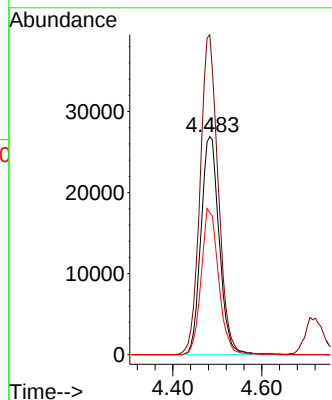
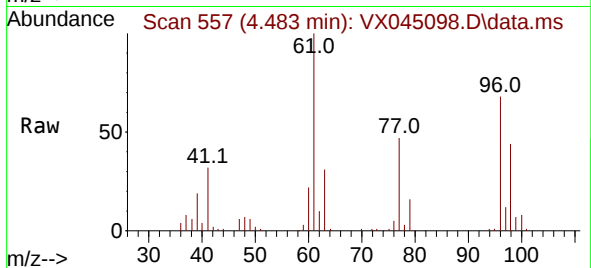
VSTDCCC050EC

Tgt Ion: 96 Resp: 76889
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 283.2
 98 64.0 0.0 128.0

Manual Integrations

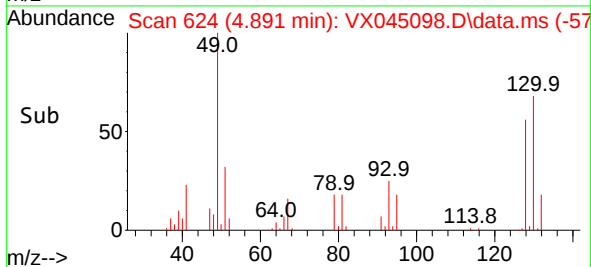
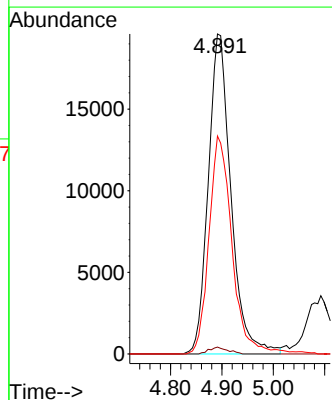
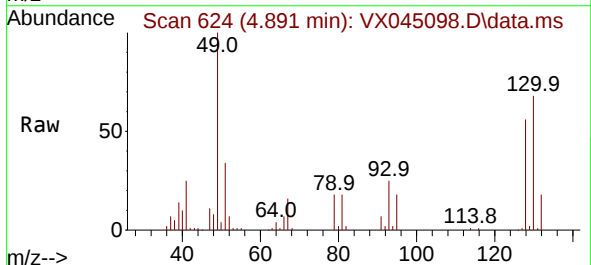
APPROVED

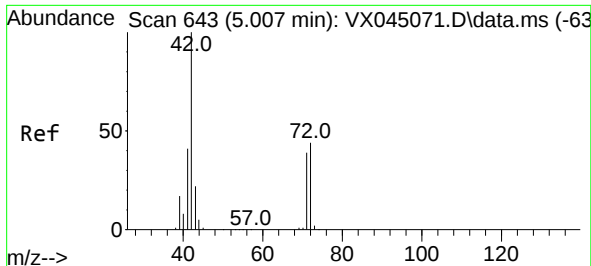
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#28
 Bromochloromethane
 Concen: 49.771 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045098.D
 Acq: 28 Feb 2025 18:50

Tgt Ion: 49 Resp: 60168
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 69.0 56.1 84.1





#29

Tetrahydrofuran

Concen: 238.042 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 18066

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

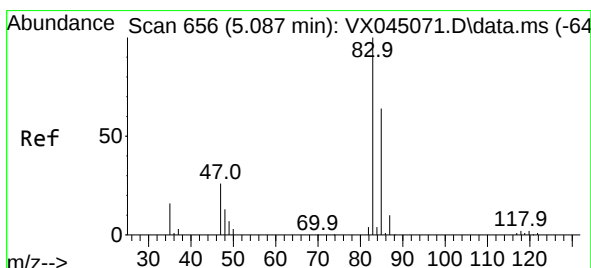
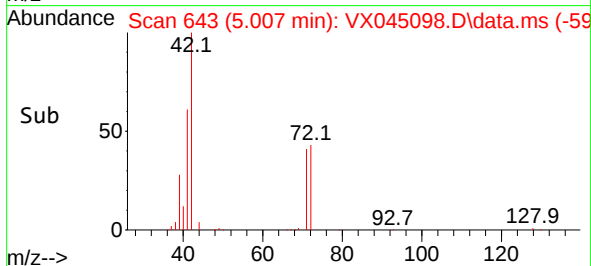
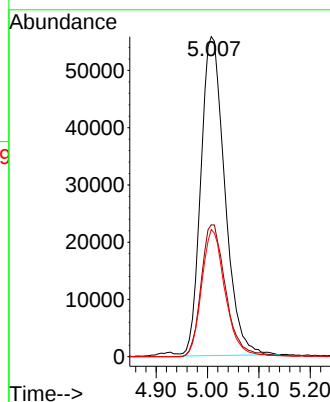
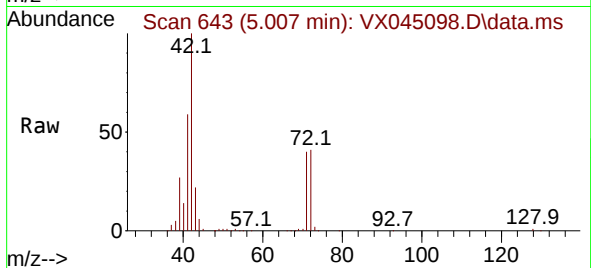
71 39.1 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#30

Chloroform

Concen: 49.194 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045098.D

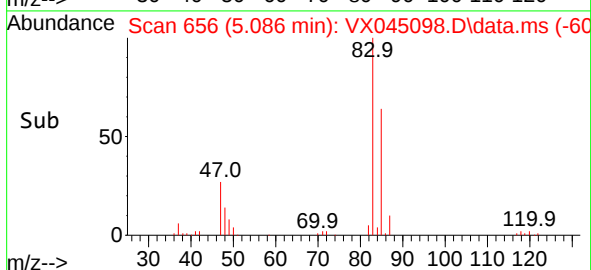
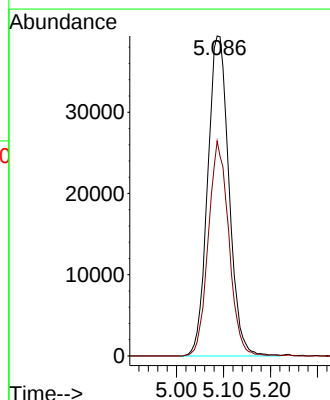
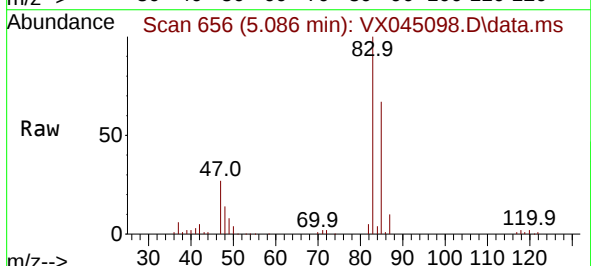
Acq: 28 Feb 2025 18:50

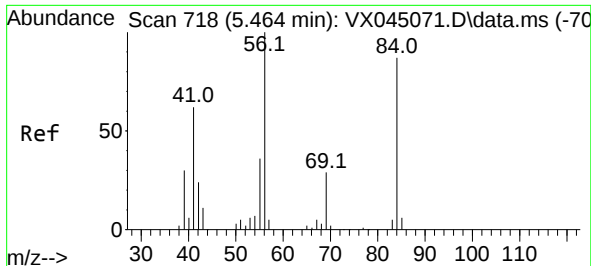
Tgt Ion: 83 Resp: 123972

Ion Ratio Lower Upper

83 100

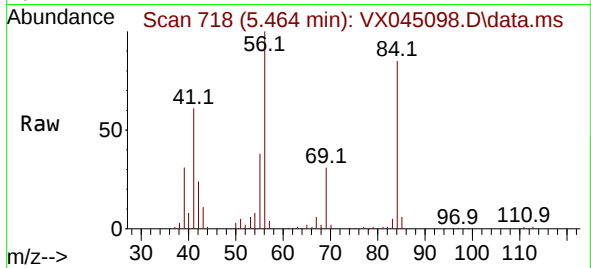
85 67.2 51.4 77.2





#31
Cyclohexane
Concen: 51.583 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

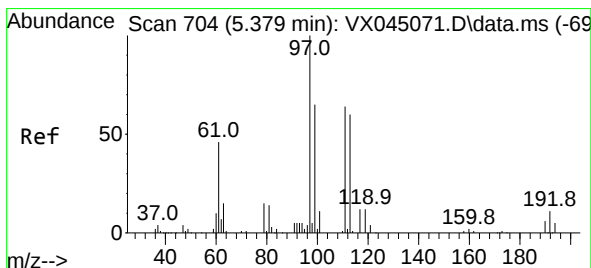
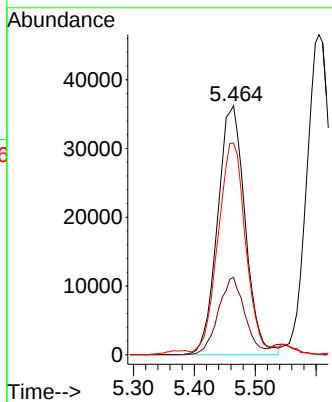
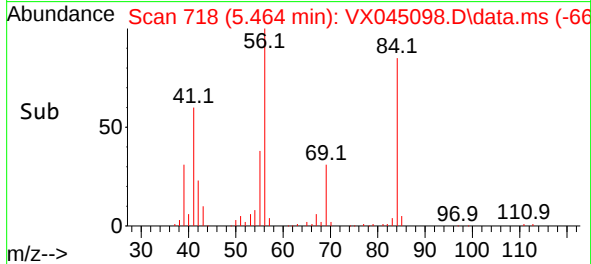
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11356
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 83.5 69.4 104.2

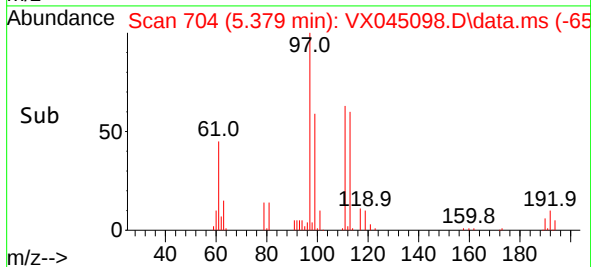
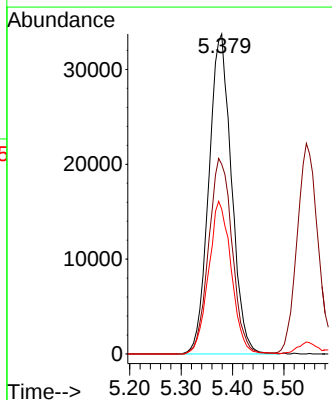
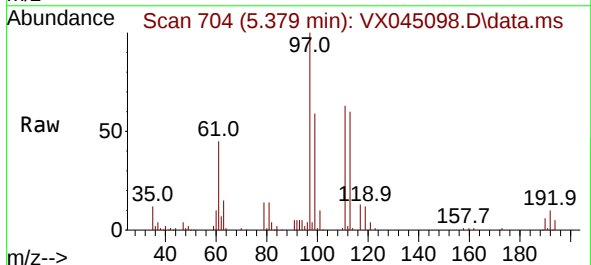
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#32
1,1,1-Trichloroethane
Concen: 50.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 97 Resp: 103034
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 48.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 49.047 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7936

Ion Ratio Lower Upper

65 100

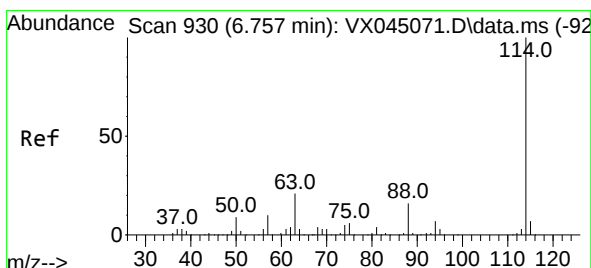
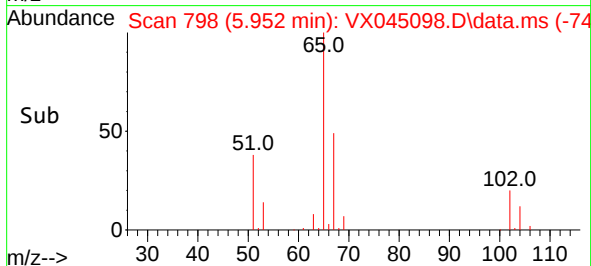
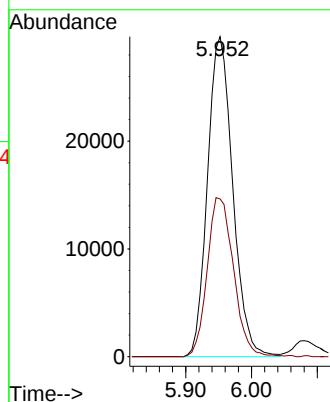
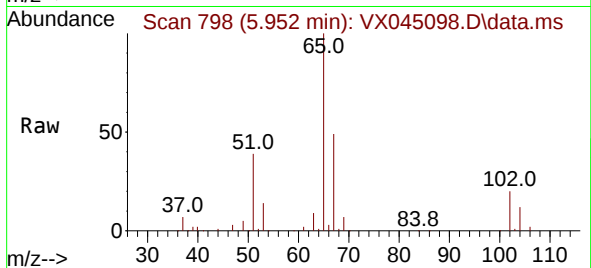
67 51.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

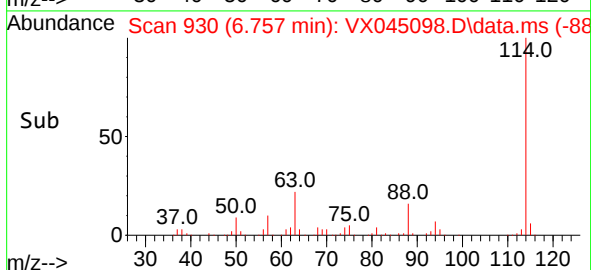
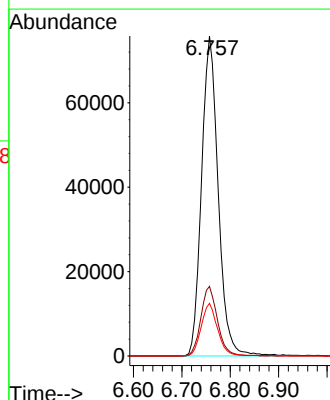
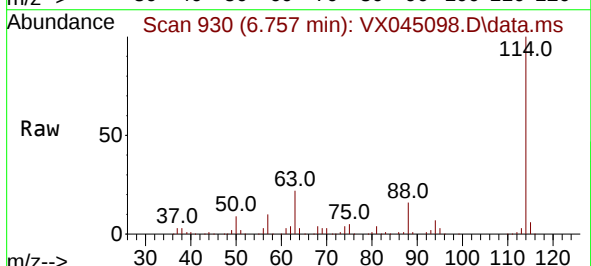
Tgt Ion:114 Resp: 181021

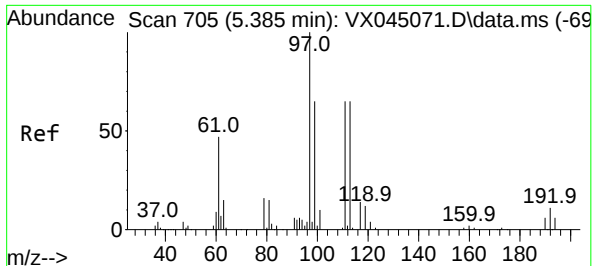
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

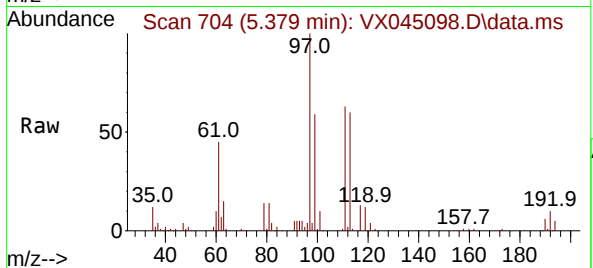
88 16.5 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.487 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

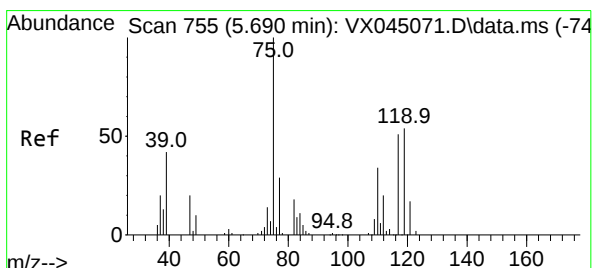
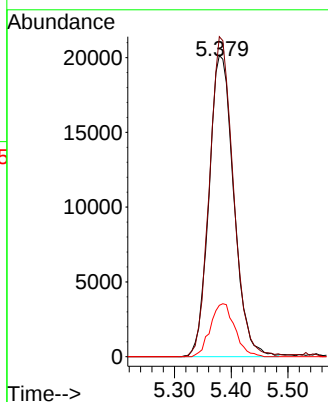
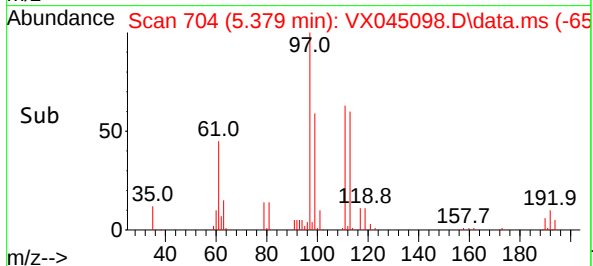
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6111
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.3 14.3 21.5

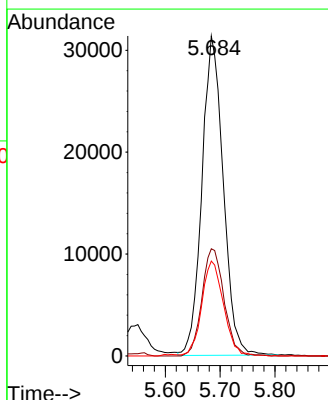
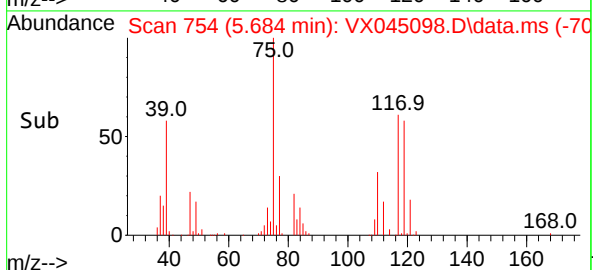
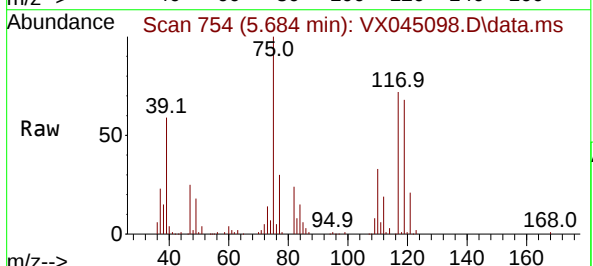
Manual Integrations
APPROVED

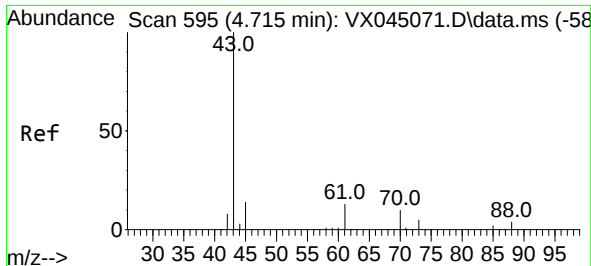
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#36
1,1-Dichloropropene
Concen: 50.969 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 75 Resp: 84609
Ion Ratio Lower Upper
75 100
110 34.8 16.9 50.6
77 30.4 24.5 36.7





#37

Ethyl Acetate

Concen: 48.511 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

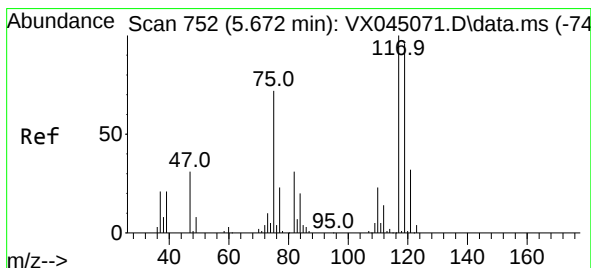
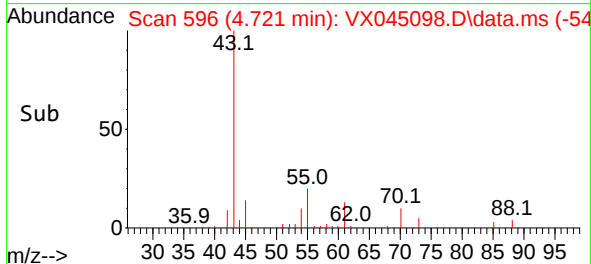
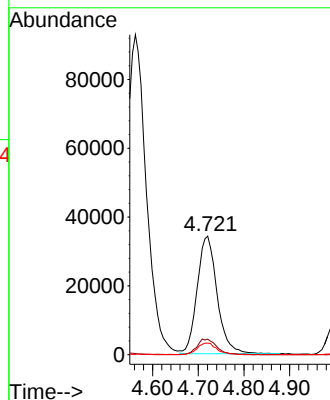
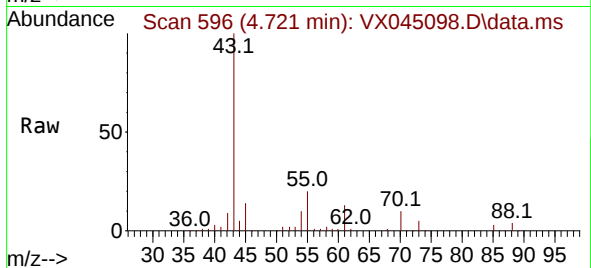
VSTDCCC050EC

Tgt Ion: 43 Resp: 10376

Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	9.7	7.7	11.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#38

Carbon Tetrachloride

Concen: 51.004 ug/l

RT: 5.672 min Scan# 752

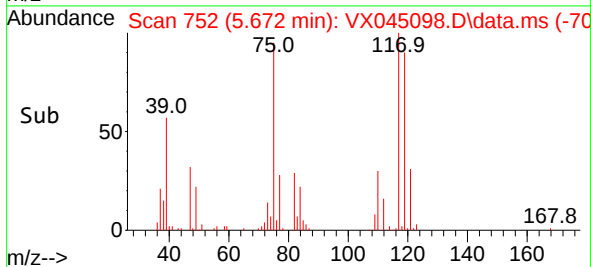
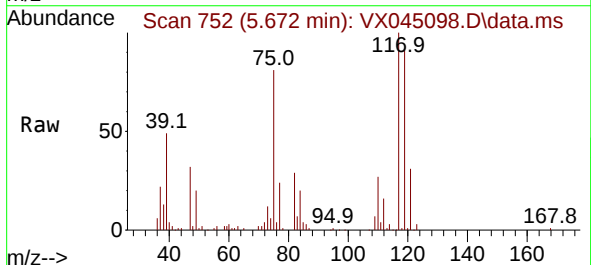
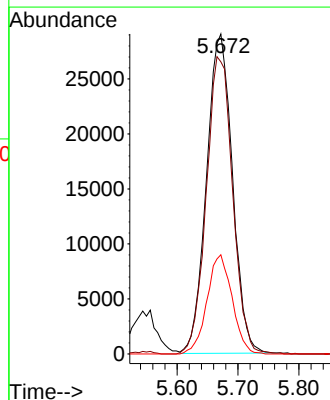
Delta R.T. -0.000 min

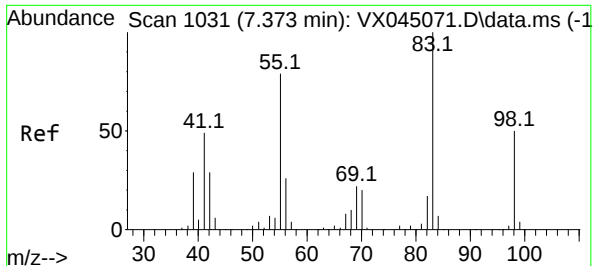
Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Tgt Ion: 117 Resp: 85957

Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.7	115.1
121	31.1	25.5	38.3





#39

Methylcyclohexane

Concen: 55.680 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045098.D

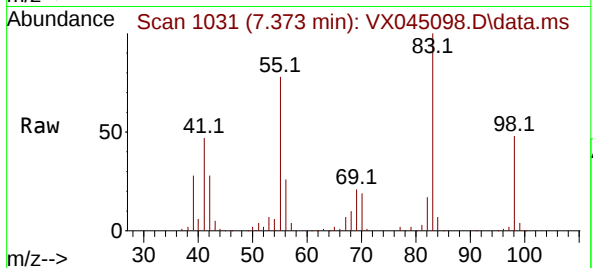
Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 110750

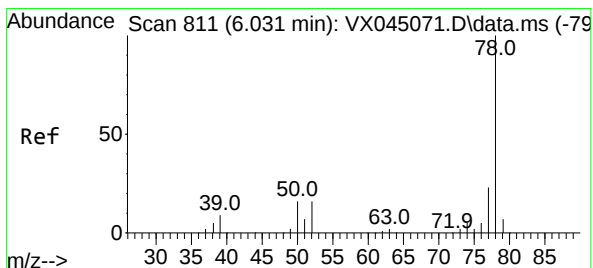
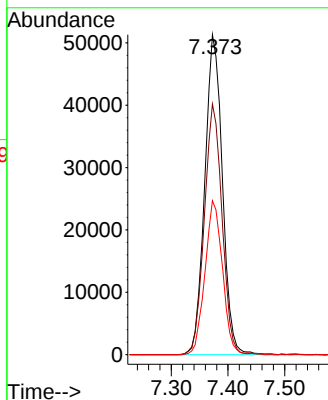
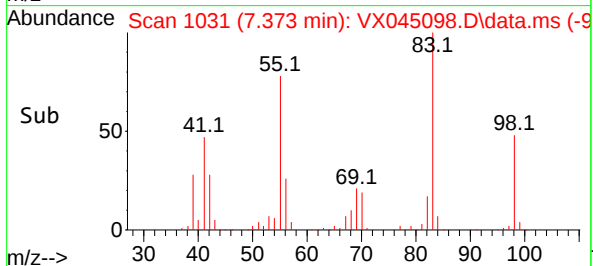
Ion	Ratio	Lower	Upper
83	100		
55	78.4	63.0	94.4
98	48.1	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#40

Benzene

Concen: 50.791 ug/l

RT: 6.031 min Scan# 811

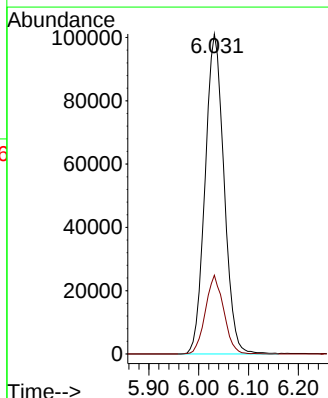
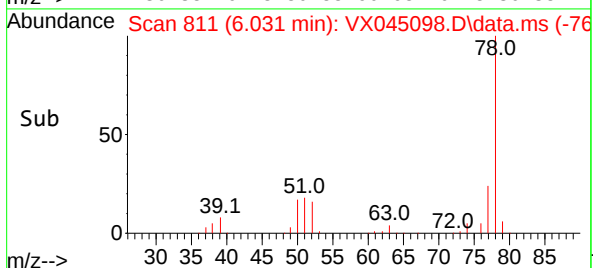
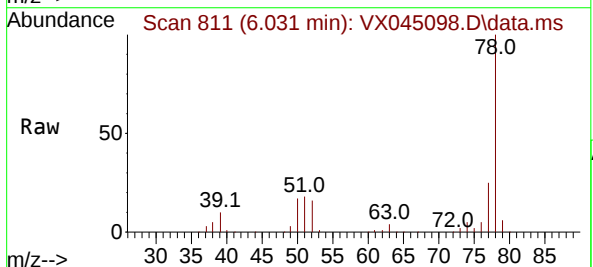
Delta R.T. -0.000 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Tgt Ion: 78 Resp: 266243

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.8	28.2





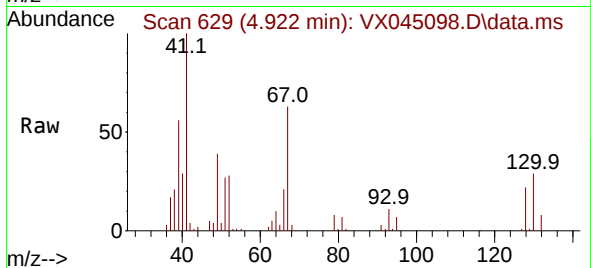
#41
Methacrylonitrile
Concen: 50.896 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



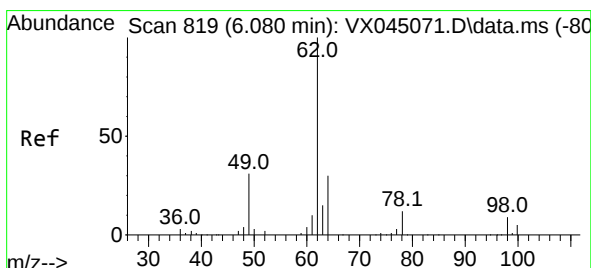
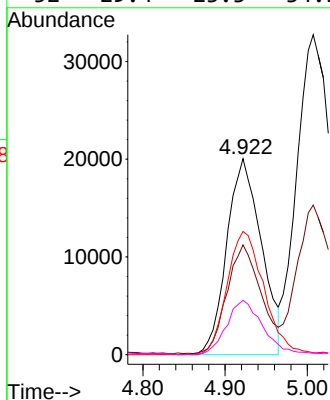
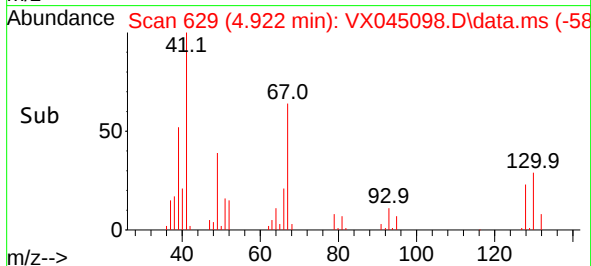
Tgt Ion: 41 Resp: 5886
Ion Ratio Lower Upper
41 100
39 54.4 44.6 67.0
67 67.0 53.9 80.9
52 29.4 23.3 34.9

Manual Integrations

APPROVED

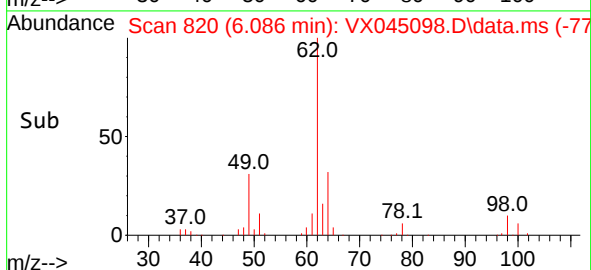
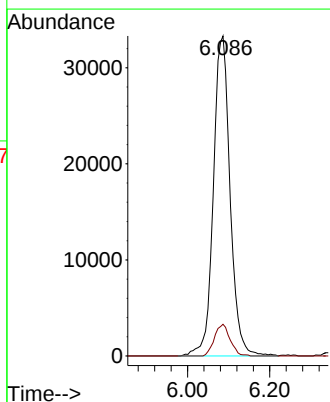
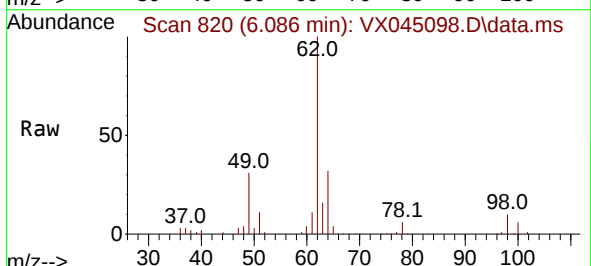
Reviewed By :John Carlone 03/03/2025

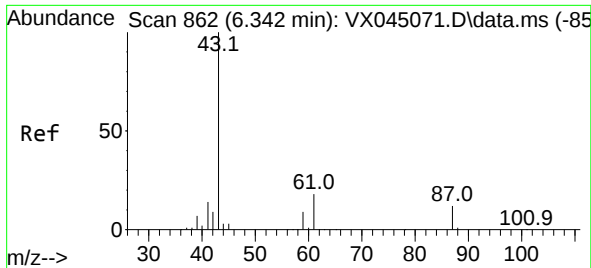
Supervised By :Mahesh Dadoda 03/03/2025



#42
1,2-Dichloroethane
Concen: 49.909 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

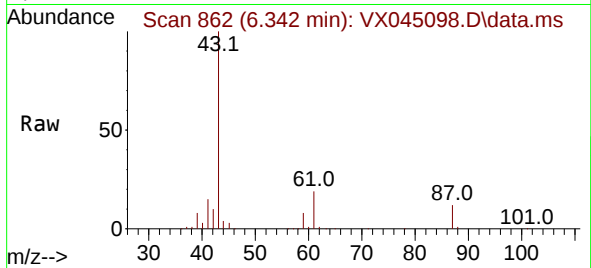
Tgt Ion: 62 Resp: 94209
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2





#43
Isopropyl Acetate
Concen: 51.105 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

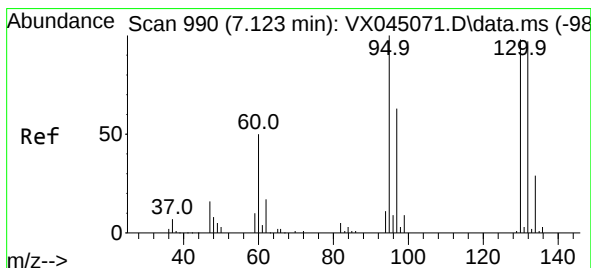
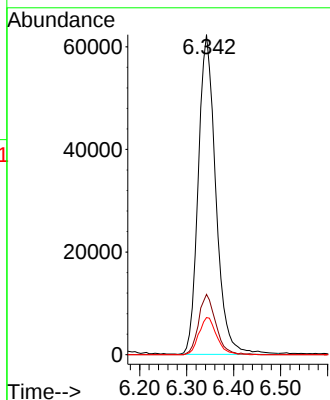
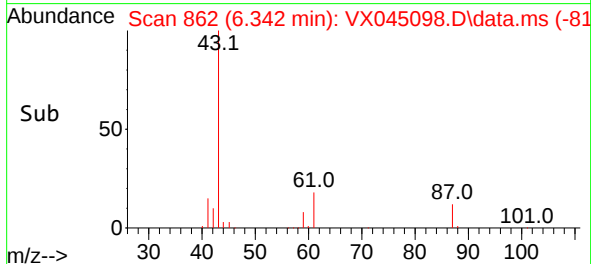
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 161644
Ion Ratio Lower Upper
43 100
61 18.5 14.9 22.3
87 11.8 9.4 14.2

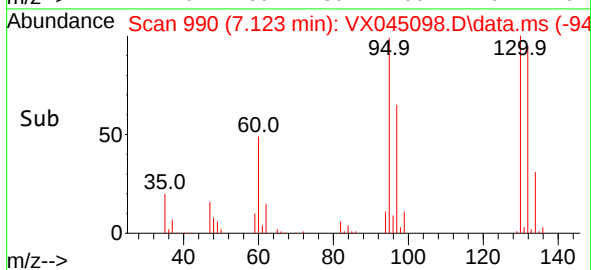
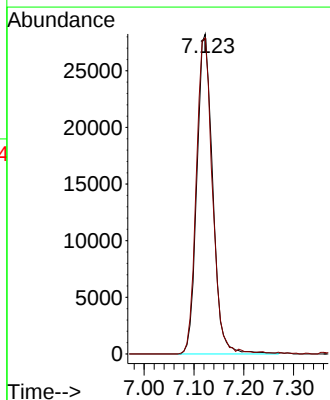
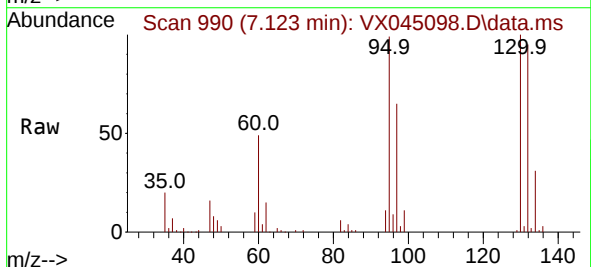
Manual Integrations
APPROVED

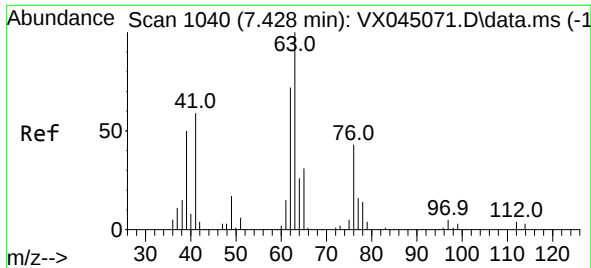
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#44
Trichloroethene
Concen: 50.539 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

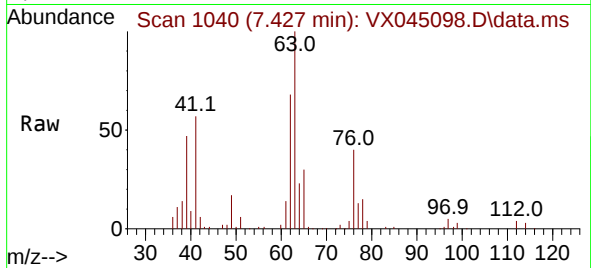
Tgt Ion:130 Resp: 62206
Ion Ratio Lower Upper
130 100
95 98.8 0.0 205.0





#45
1,2-Dichloropropane
Concen: 50.023 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

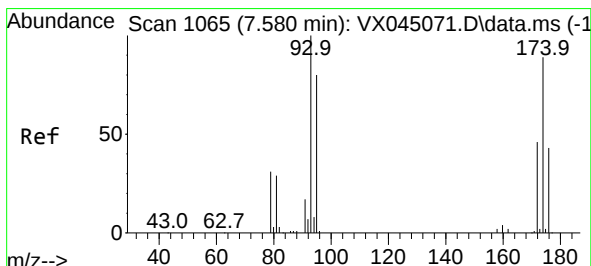
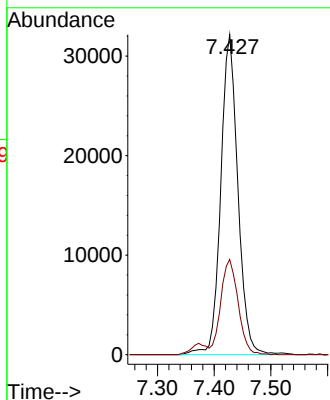
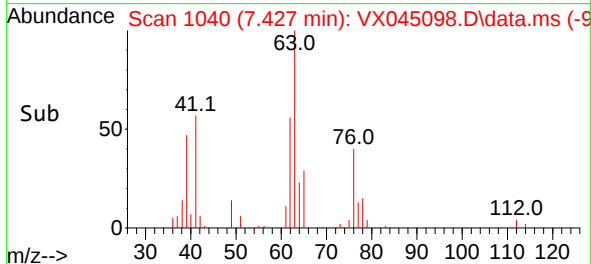
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 67418
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

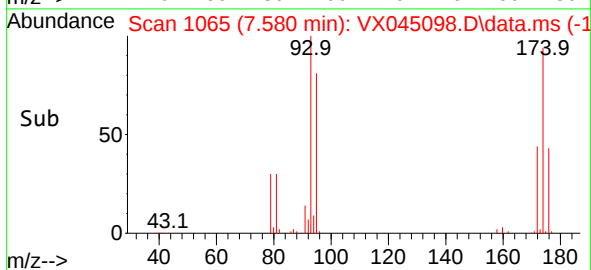
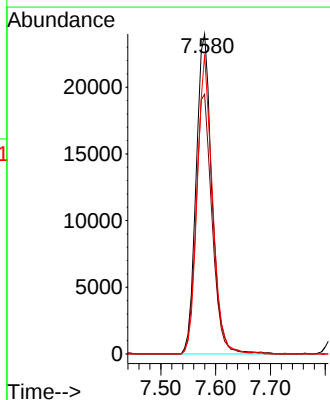
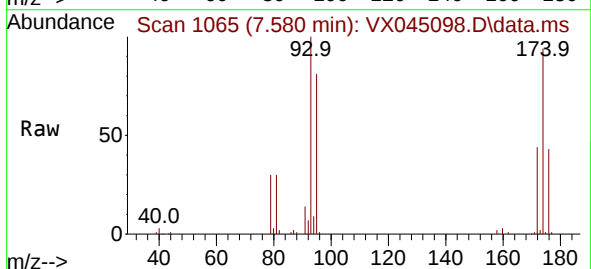
Manual Integrations
APPROVED

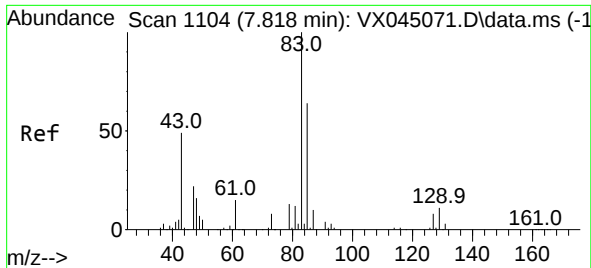
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#46
Dibromomethane
Concen: 50.658 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 93 Resp: 48257
Ion Ratio Lower Upper
93 100
95 81.9 65.8 98.8
174 89.8 72.2 108.2





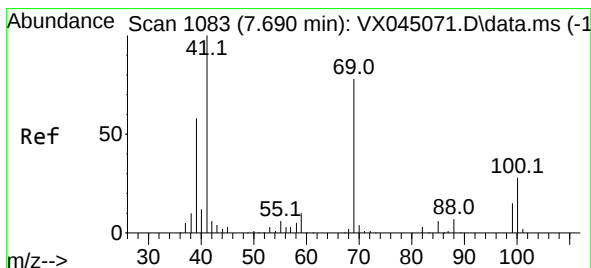
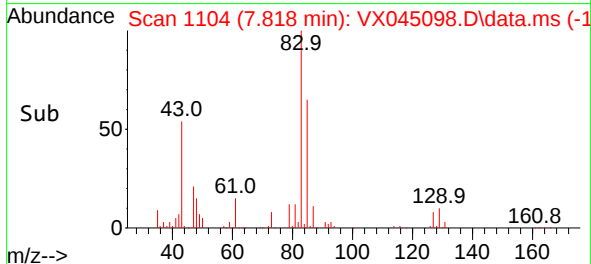
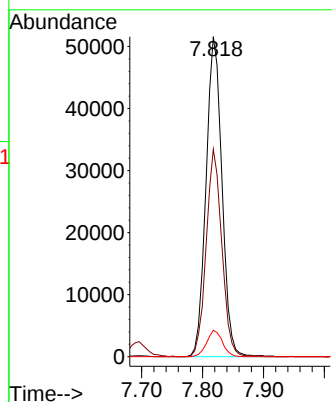
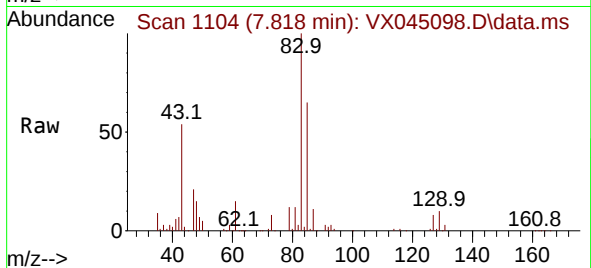
#47
Bromodichloromethane
Concen: 50.147 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 93700
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 8.2 6.4 9.6

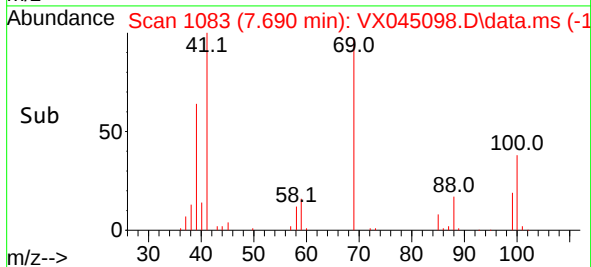
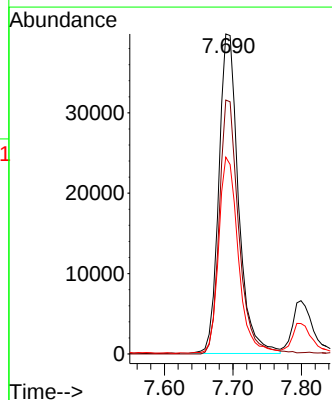
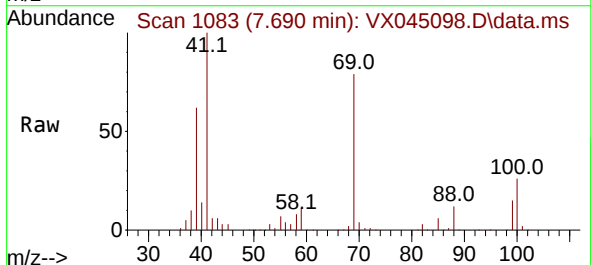
Manual Integrations
APPROVED

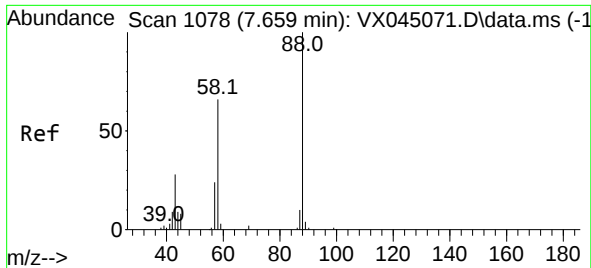
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#48
Methyl methacrylate
Concen: 49.791 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

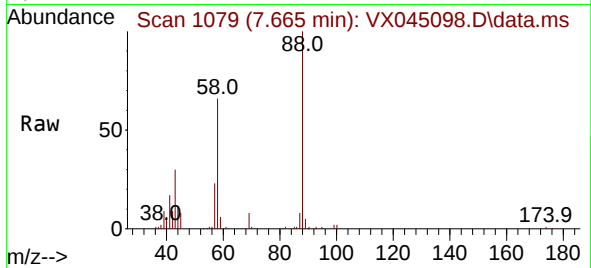
Tgt Ion: 41 Resp: 79010
Ion Ratio Lower Upper
41 100
69 78.7 63.0 94.6
39 61.2 47.5 71.3





#49
1,4-Dioxane
Concen: 943.544 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

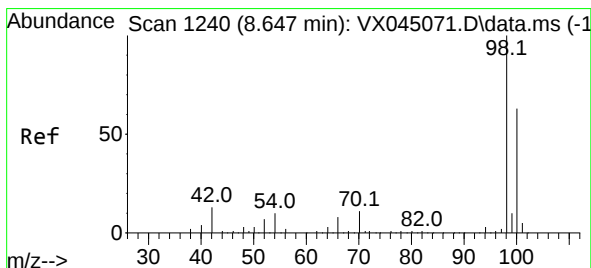
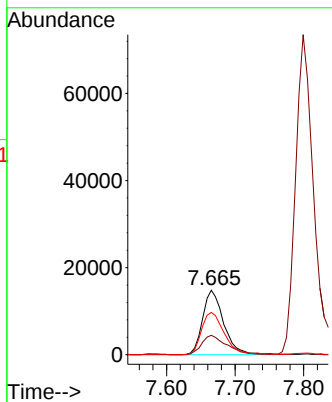
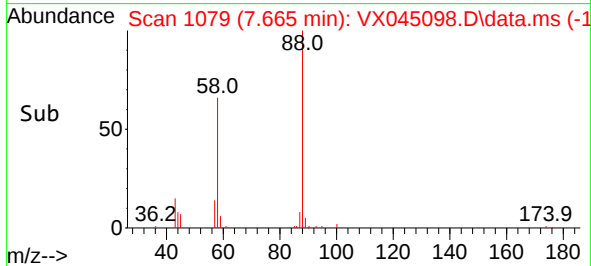
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3158
Ion Ratio Lower Upper
88 100
43 35.8 28.7 43.1
58 71.7 55.8 83.8

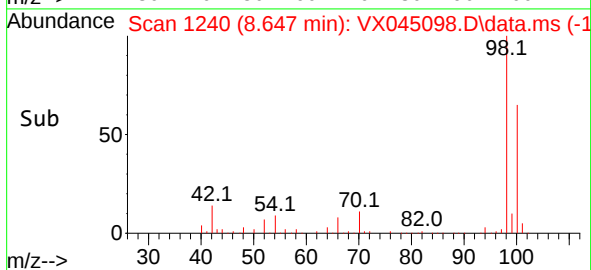
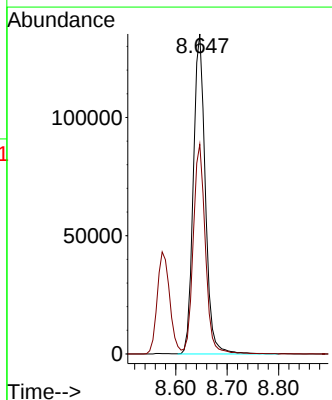
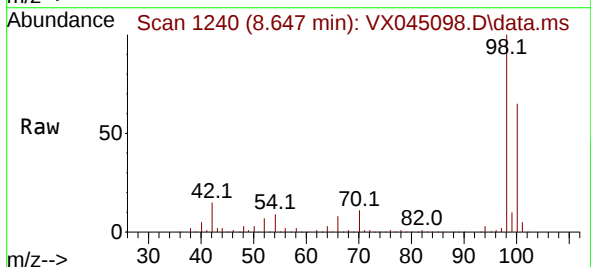
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#50
Toluene-d8
Concen: 49.952 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

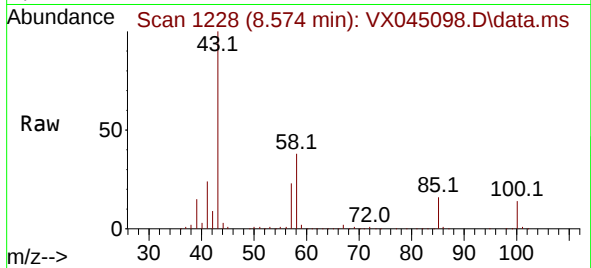
Tgt Ion: 98 Resp: 219202
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 248.148 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

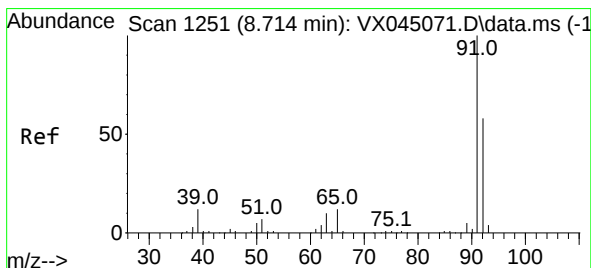
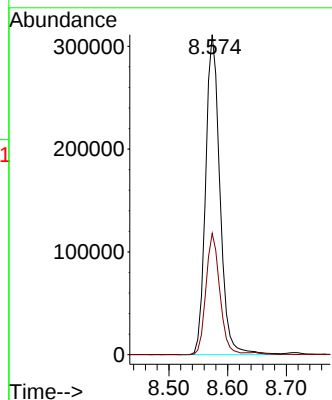
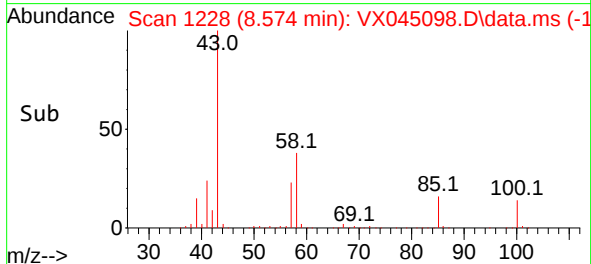
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 527009
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8

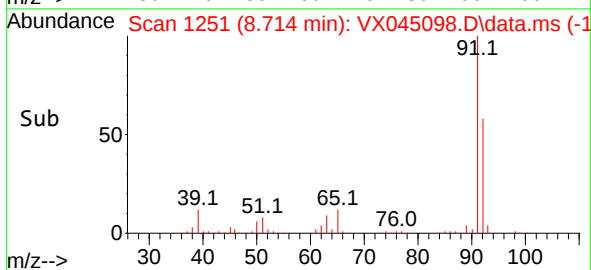
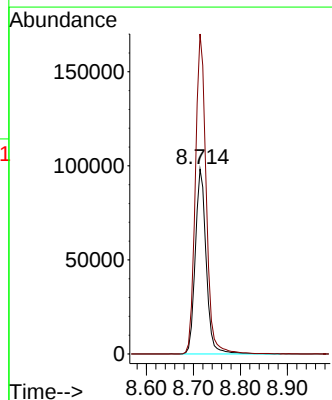
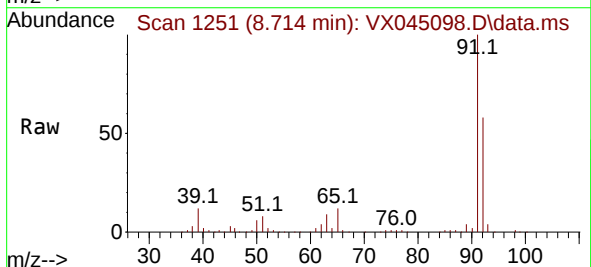
Manual Integrations
APPROVED

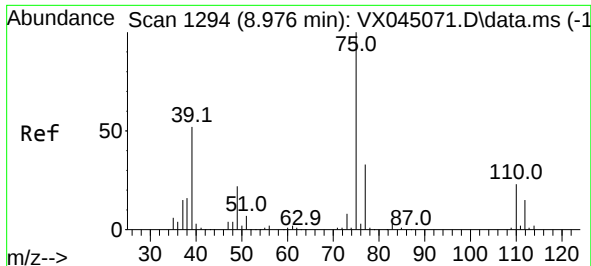
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#52
Toluene
Concen: 51.738 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion: 92 Resp: 159122
Ion Ratio Lower Upper
92 100
91 172.4 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 53.255 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 8318

Ion Ratio Lower Upper

75 100

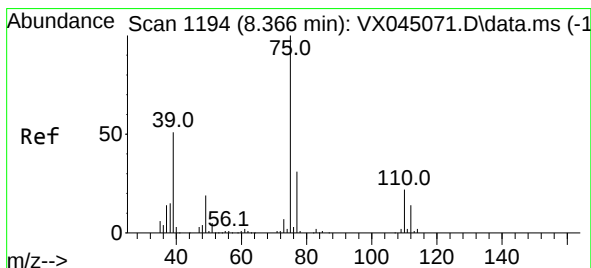
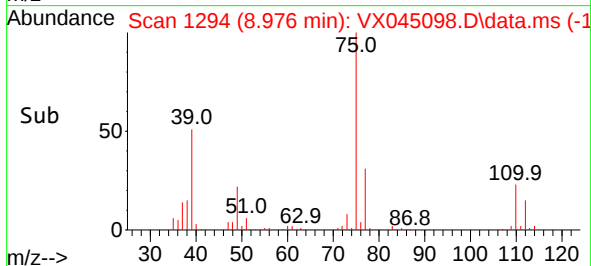
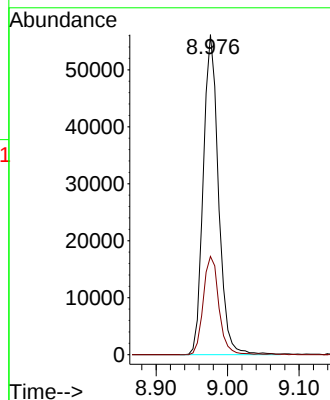
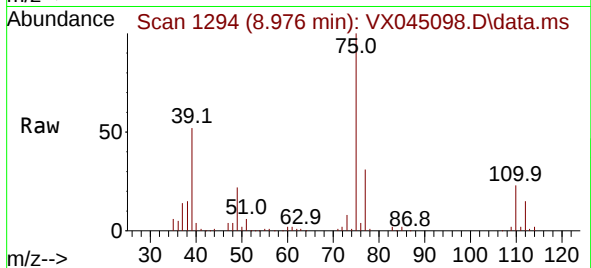
77 30.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#54

cis-1,3-Dichloropropene

Concen: 53.261 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045098.D

Acq: 28 Feb 2025 18:50

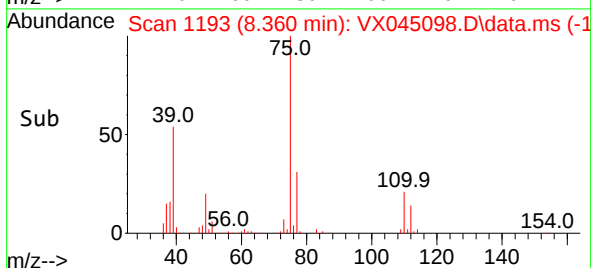
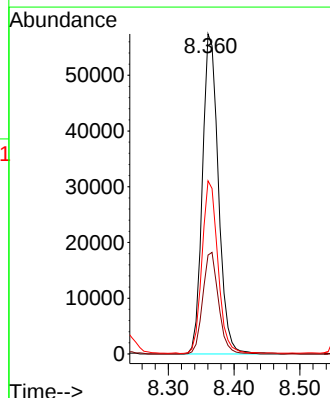
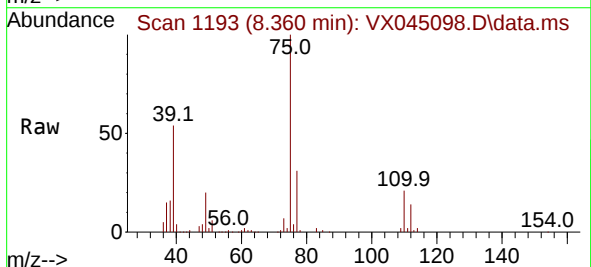
Tgt Ion: 75 Resp: 97016

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

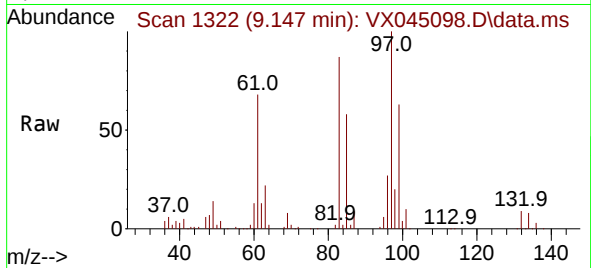
39 53.9 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 48.933 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

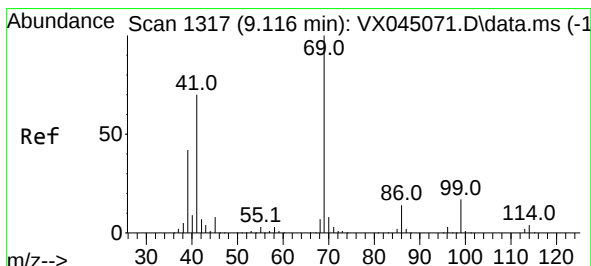
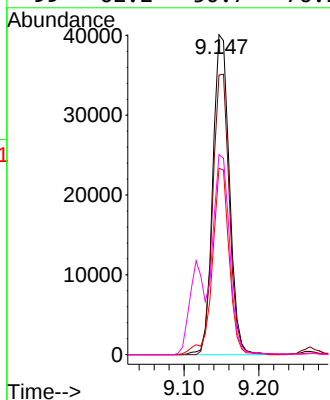
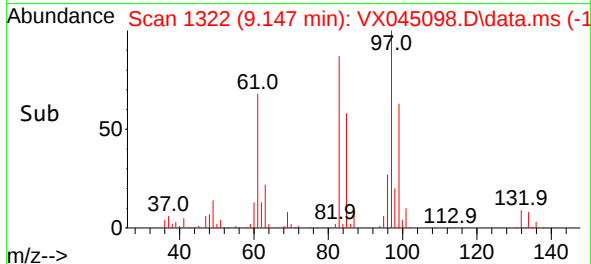


Tgt Ion: 97 Resp: 61958

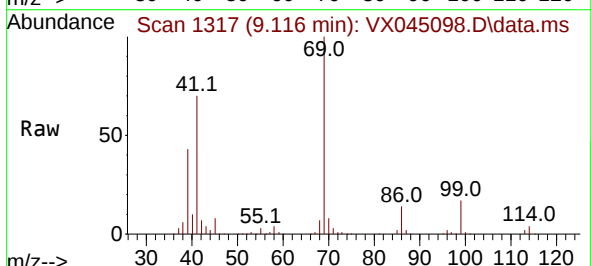
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.4	104.2
85	58.2	44.1	66.1
99	62.2	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

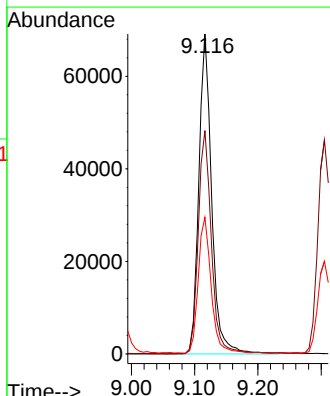
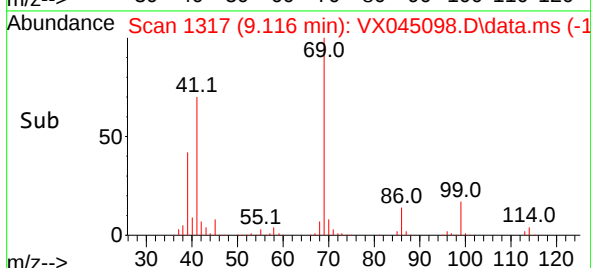


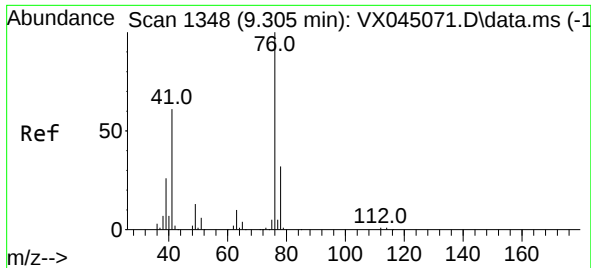
#56
Ethyl methacrylate
Concen: 50.898 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion: 69 Resp: 97958

Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.0	85.4
39	42.2	34.2	51.4





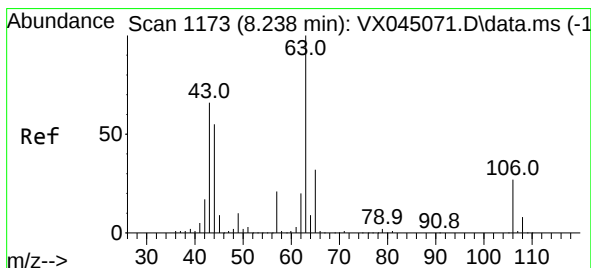
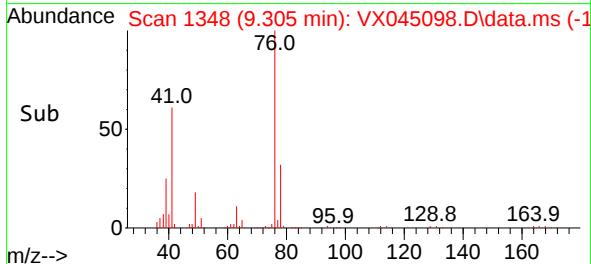
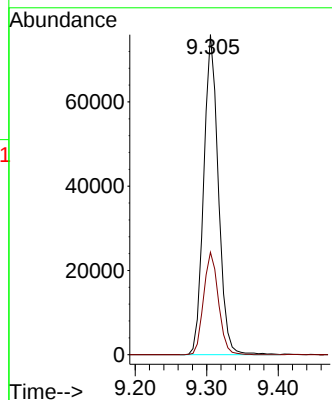
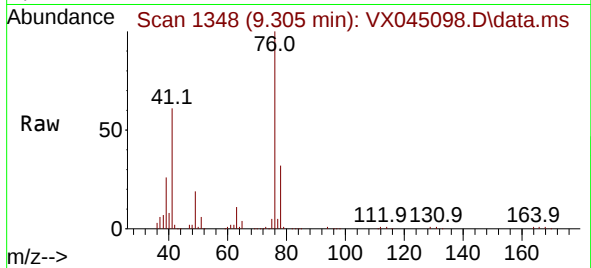
#57
1,3-Dichloropropane
Concen: 49.251 ug/l
RT: 9.305 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 107915
Ion Ratio Lower Upper
76 100
78 32.4 25.5 38.3

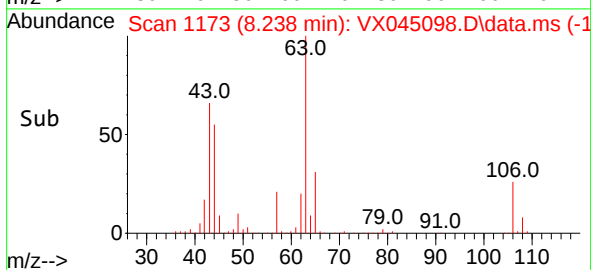
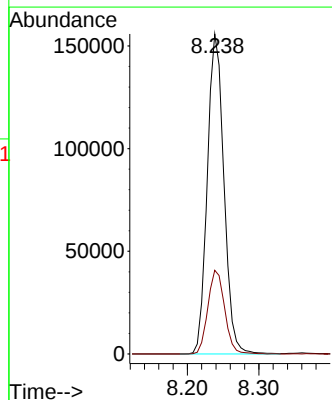
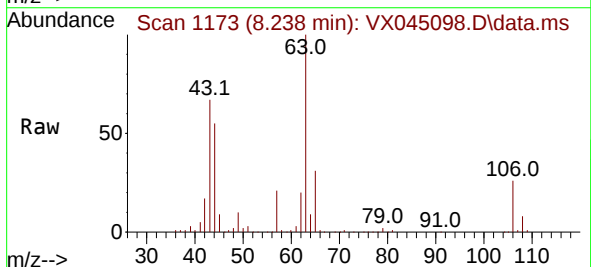
Manual Integrations
APPROVED

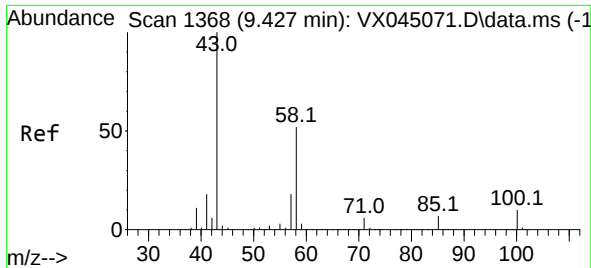
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 267.883 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

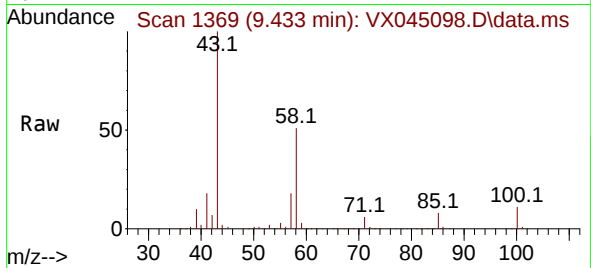
Tgt Ion: 63 Resp: 251496
Ion Ratio Lower Upper
63 100
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 253.206 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

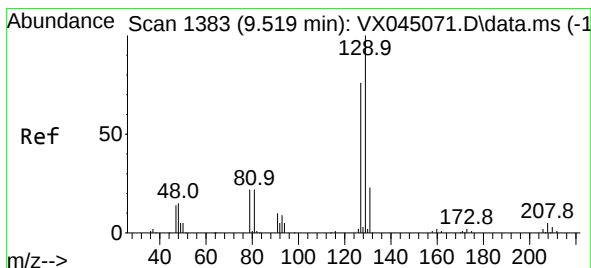
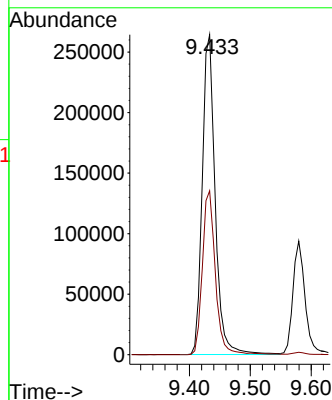
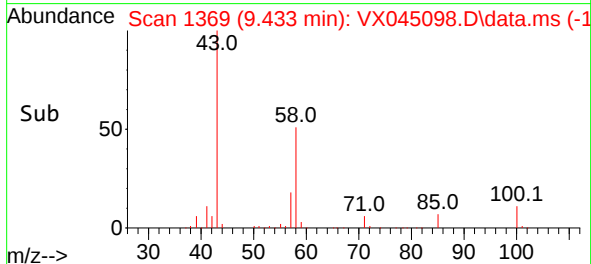
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38962
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.6

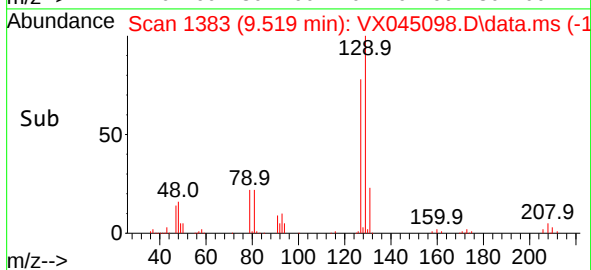
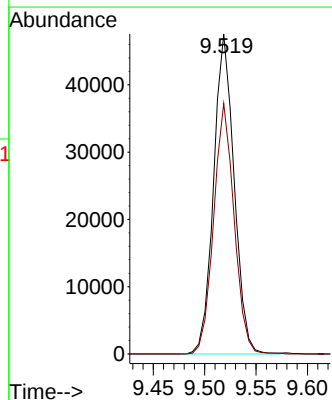
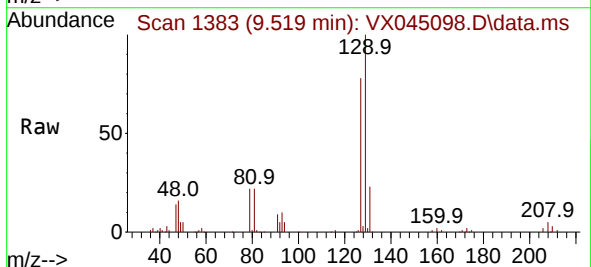
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#60
Dibromochloromethane
Concen: 49.736 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

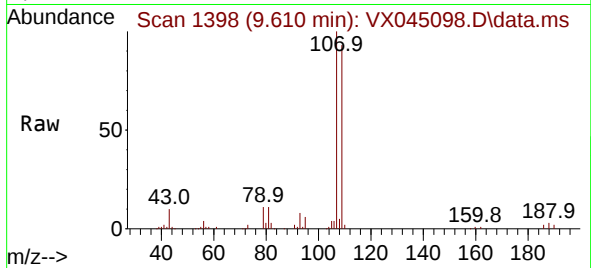
Tgt Ion:129 Resp: 65842
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.600 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

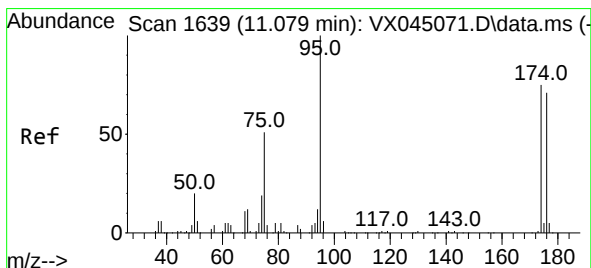
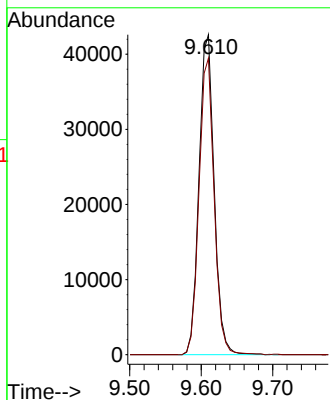
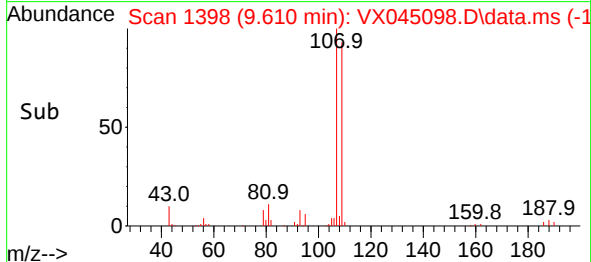
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 62692
Ion Ratio Lower Upper
107 100
109 92.5 76.1 114.1

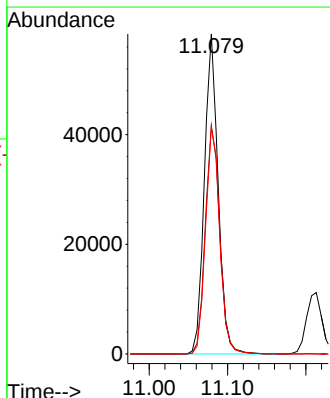
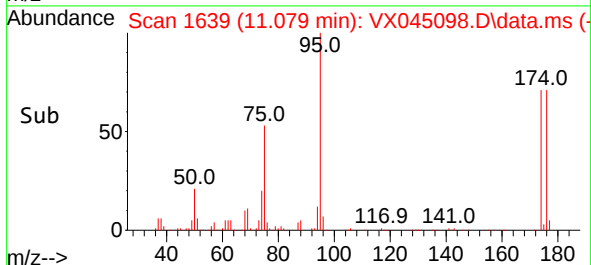
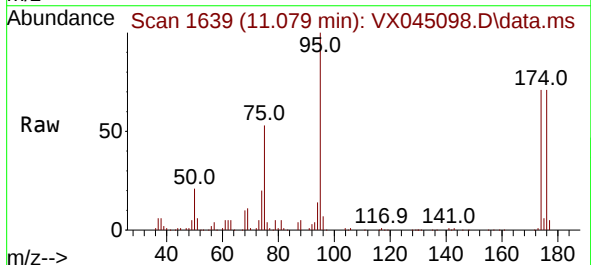
Manual Integrations
APPROVED

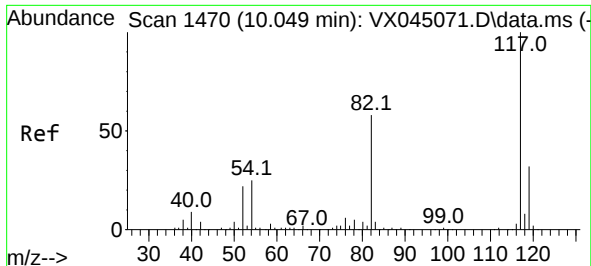
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#62
4-Bromofluorobenzene
Concen: 48.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

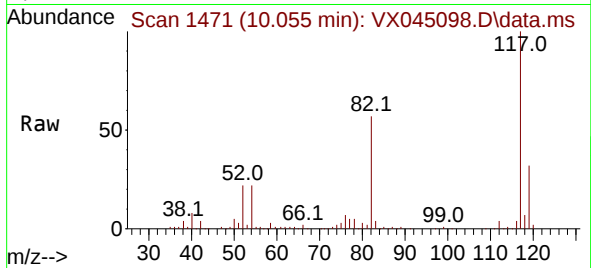
Tgt Ion: 95 Resp: 71007
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.2
176 72.9 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

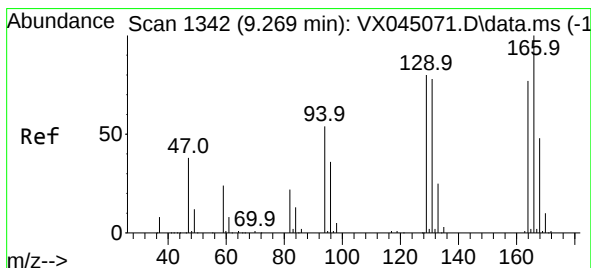
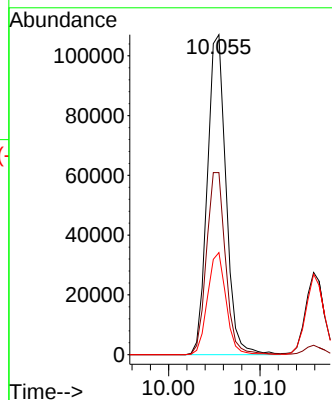
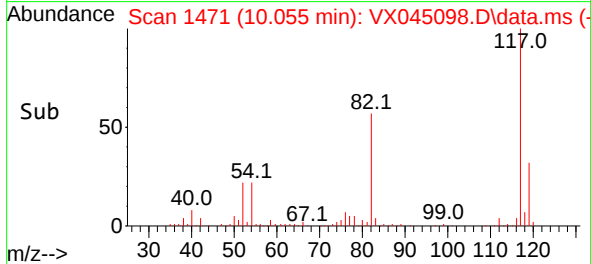
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 15183
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 31.9 25.7 38.5

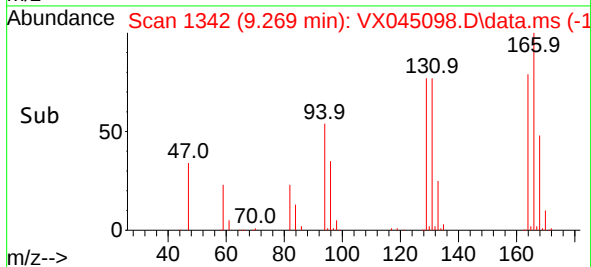
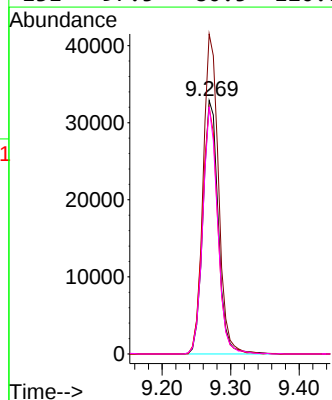
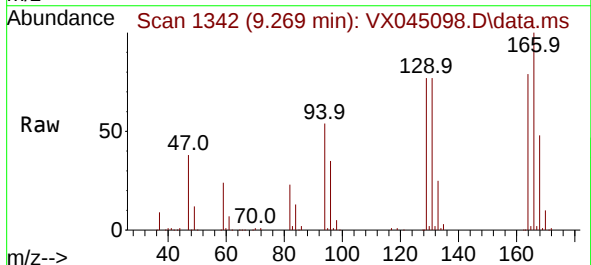
Manual Integrations
APPROVED

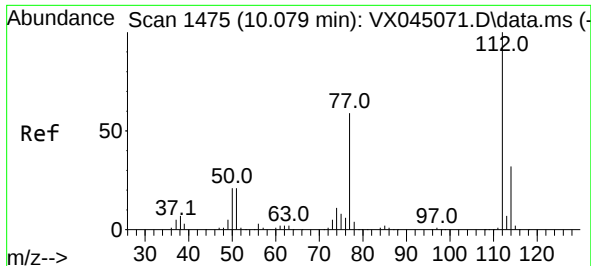
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#64
Tetrachloroethene
Concen: 52.227 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Tgt Ion:164 Resp: 50788
Ion Ratio Lower Upper
164 100
166 126.3 103.6 155.4
129 97.4 82.7 124.1
131 97.5 80.5 120.7





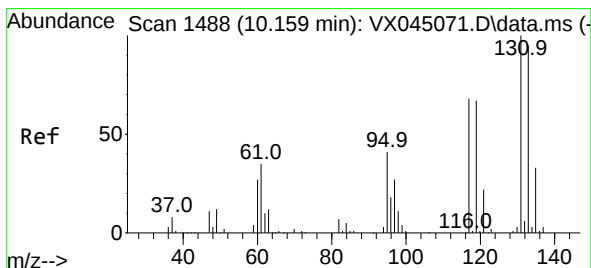
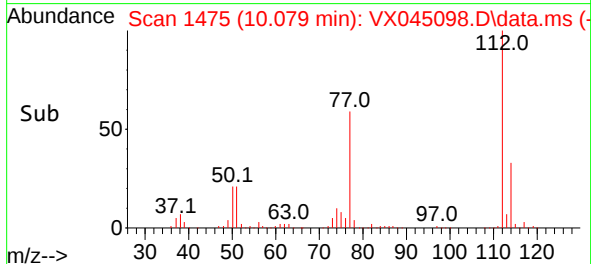
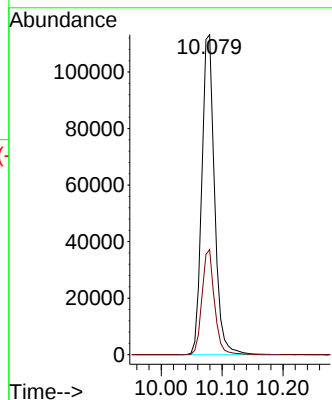
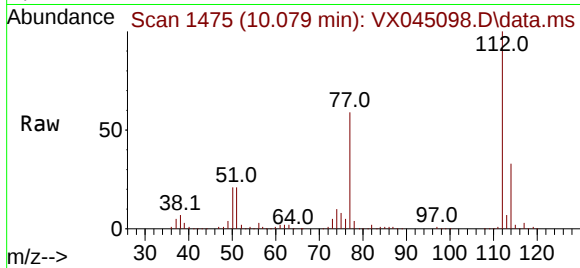
#65
Chlorobenzene
Concen: 51.239 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 16462
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0

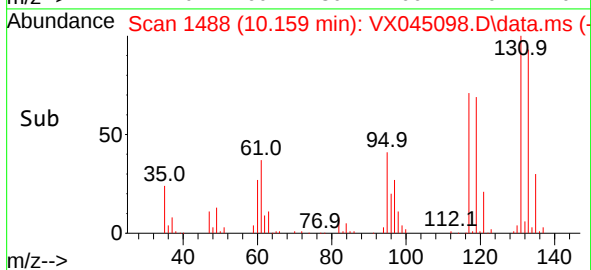
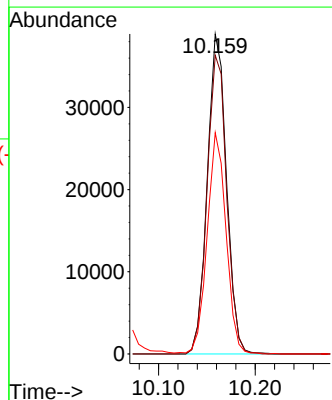
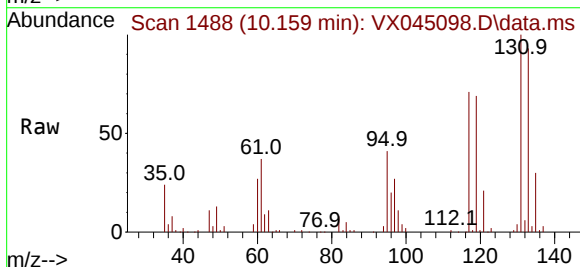
Manual Integrations
APPROVED

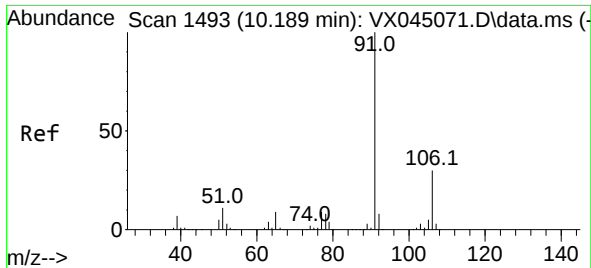
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.382 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

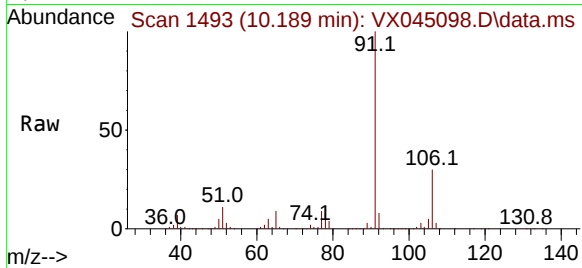
Tgt Ion:131 Resp: 53906
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.9
119 68.0 33.9 101.7





#67
Ethyl Benzene
Concen: 52.678 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

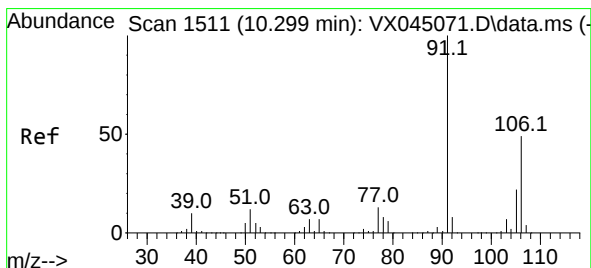
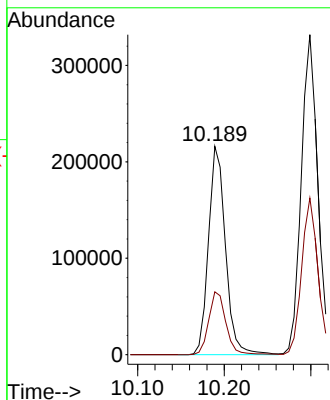
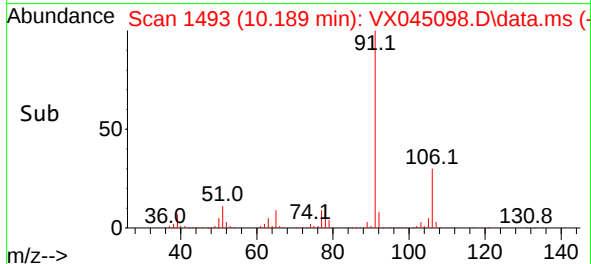
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



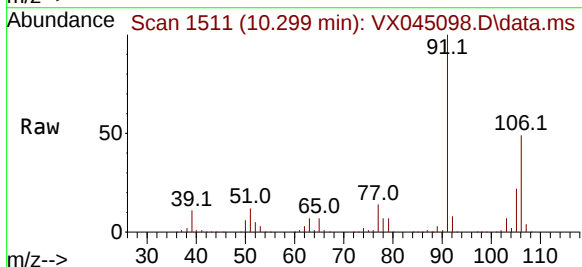
Tgt Ion: 91 Resp: 294898
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

Manual Integrations
APPROVED

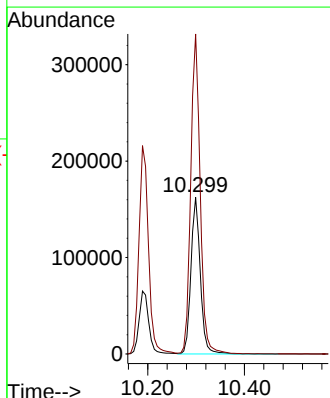
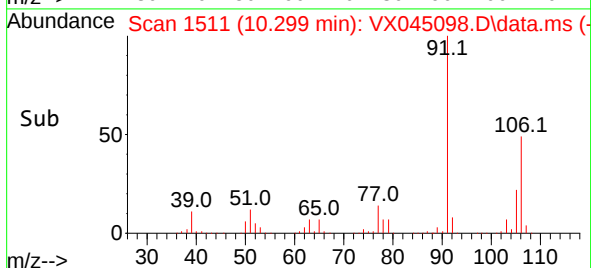
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

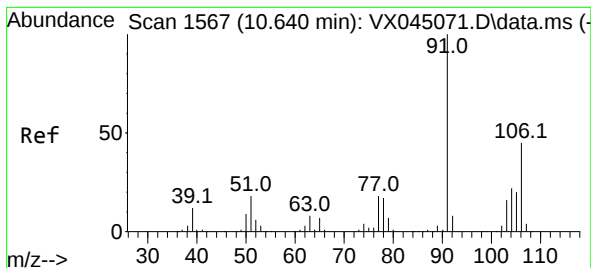


#68
m/p-Xylenes
Concen: 106.271 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion:106 Resp: 217787
Ion Ratio Lower Upper
106 100
91 206.1 165.4 248.0





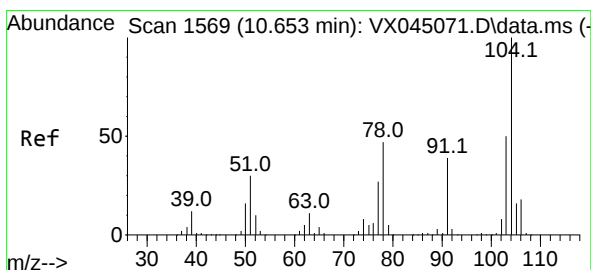
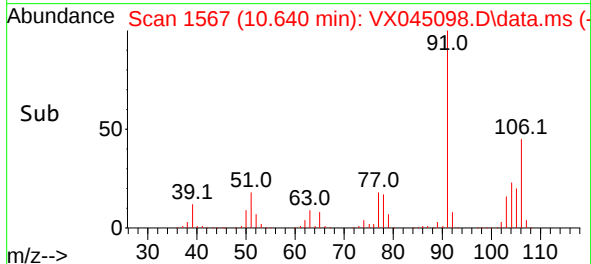
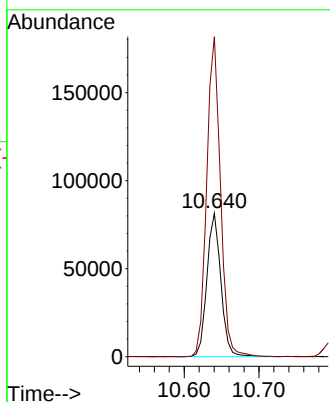
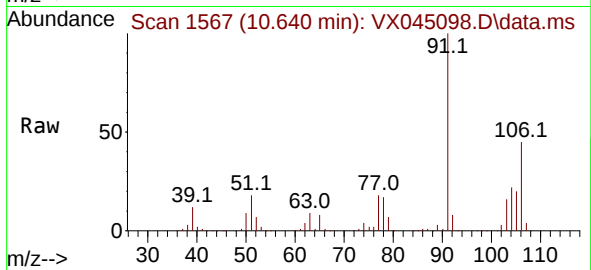
#69
o-Xylene
Concen: 50.972 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 105354
Ion Ratio Lower Upper
106 100
91 220.4 109.9 329.6

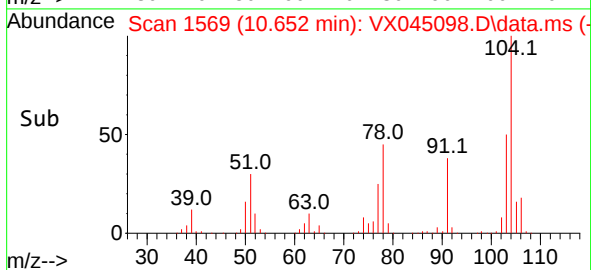
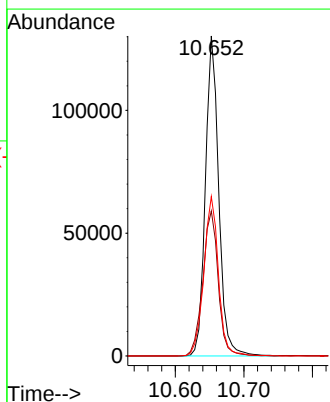
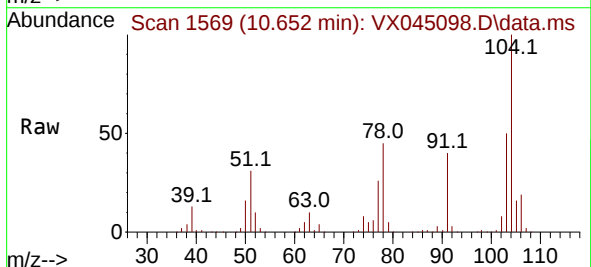
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#70
Styrene
Concen: 52.954 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

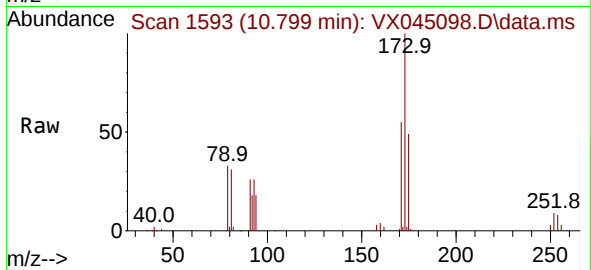
Tgt Ion:104 Resp: 177099
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 54.6 43.8 65.8





#71
Bromoform
Concen: 51.664 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

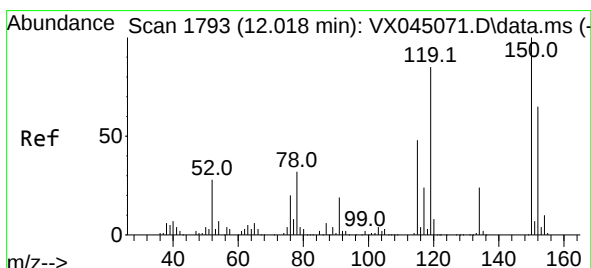
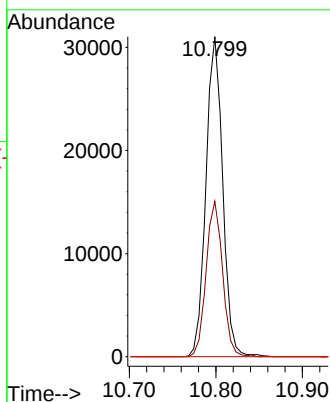
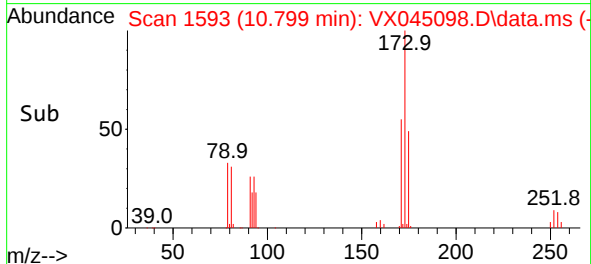
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



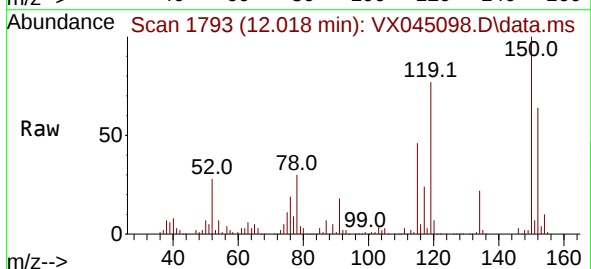
Tgt Ion:173 Resp: 41684
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

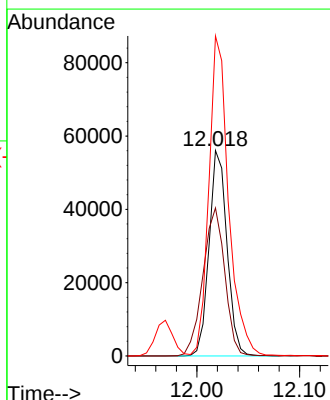
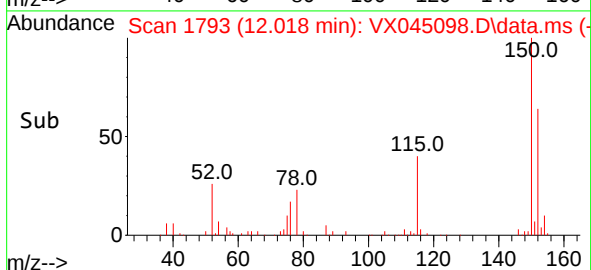
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

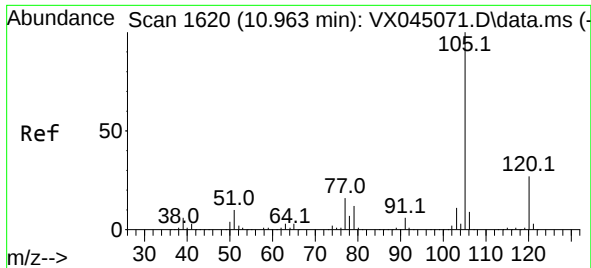


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



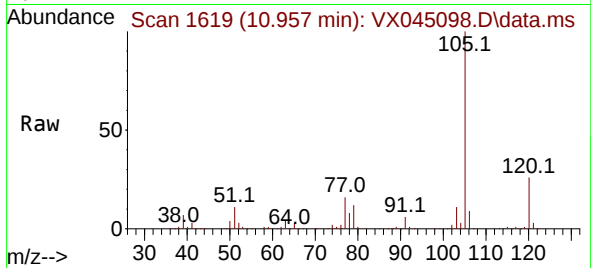
Tgt Ion:152 Resp: 67962
Ion Ratio Lower Upper
152 100
115 88.0 44.2 132.6
150 171.3 0.0 349.0





#73
Isopropylbenzene
Concen: 51.833 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

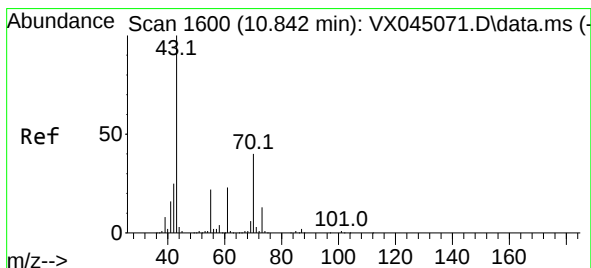
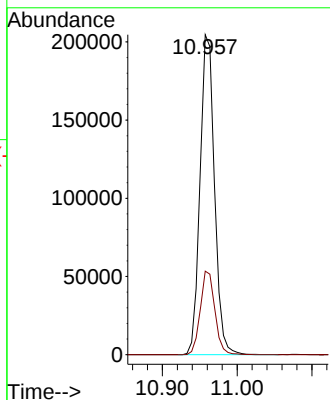
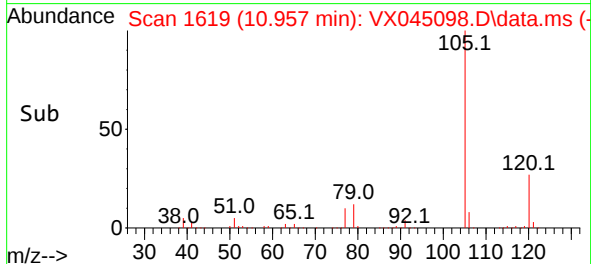
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



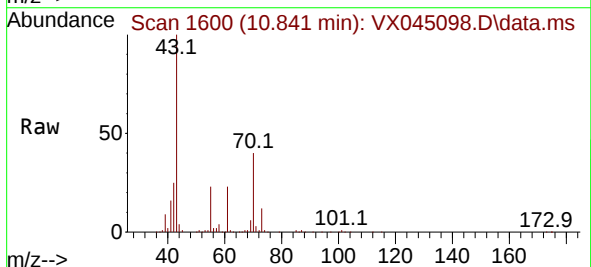
Tgt Ion:105 Resp: 274950
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

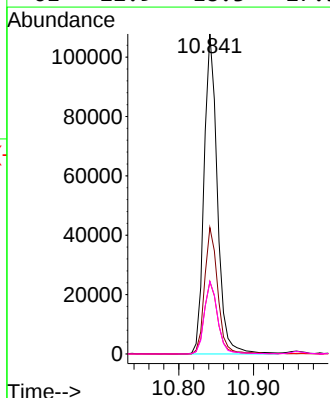
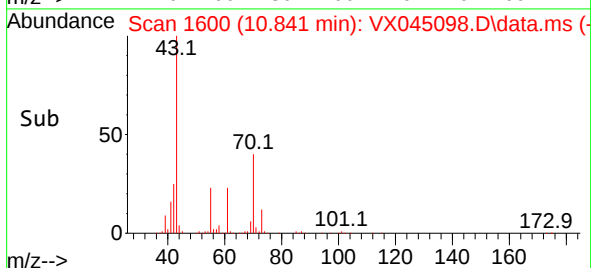
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

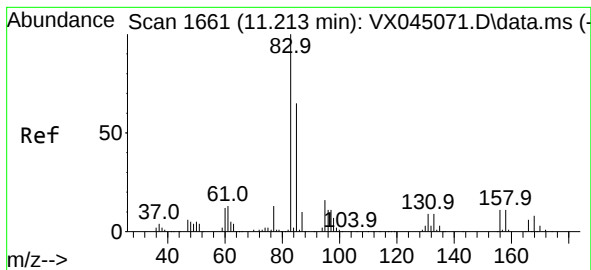


#74
N-ethyl acetate
Concen: 53.399 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion: 43 Resp: 132916
Ion Ratio Lower Upper
43 100
70 39.5 31.8 47.6
55 23.1 18.3 27.5
61 22.9 18.3 27.5





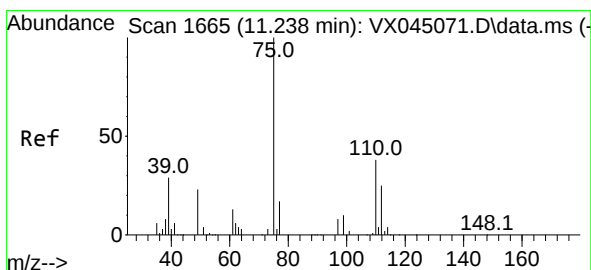
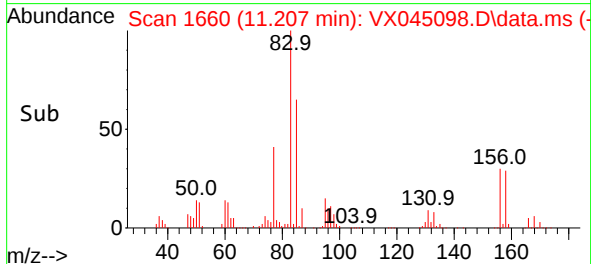
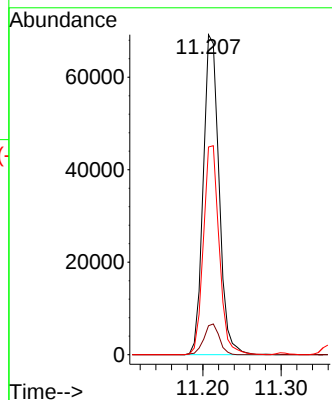
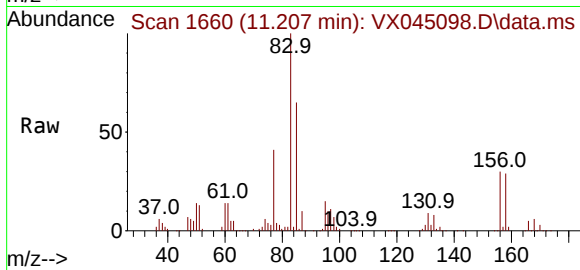
#75
1,1,2,2-Tetrachloroethane
Concen: 49.649 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 96640
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 65.3 31.7 95.1

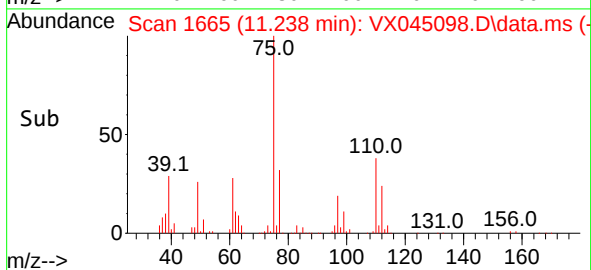
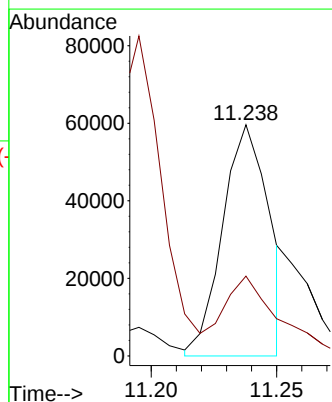
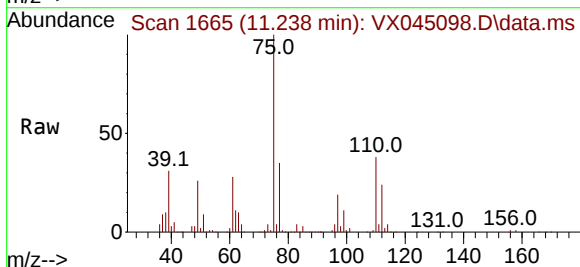
Manual Integrations
APPROVED

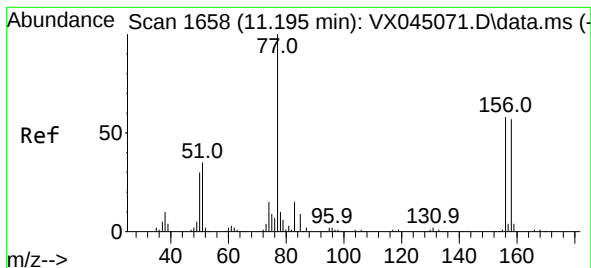
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#76
1,2,3-Trichloropropane
Concen: 48.508 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

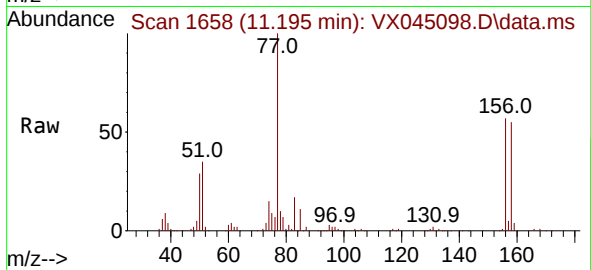
Tgt Ion: 75 Resp: 76731
Ion Ratio Lower Upper
75 100
77 41.5 20.7 62.1





#77
Bromobenzene
Concen: 49.973 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

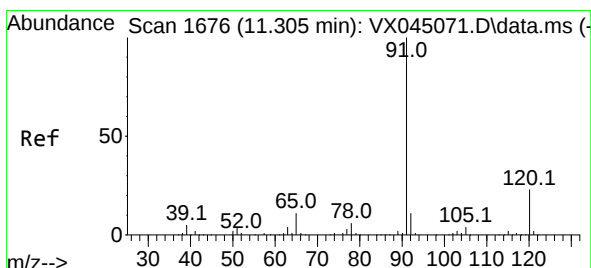
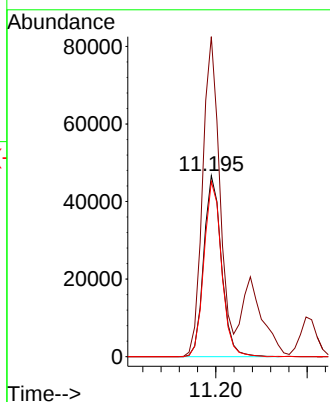
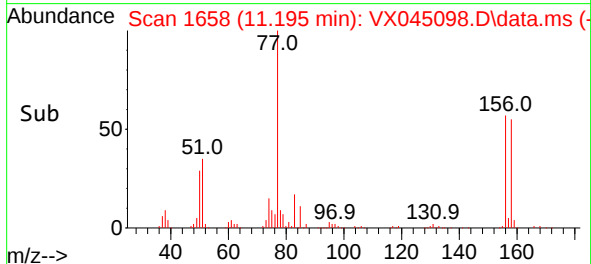
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



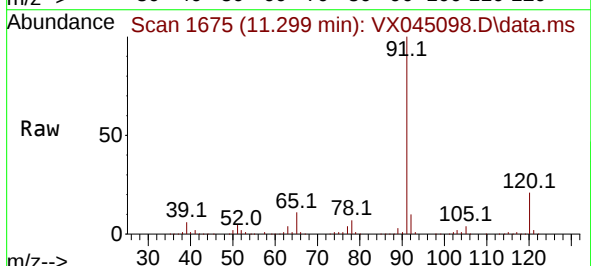
Tgt Ion:156 Resp: 62540
Ion Ratio Lower Upper
156 100
77 171.3 85.8 257.4
158 96.2 48.4 145.2

Manual Integrations
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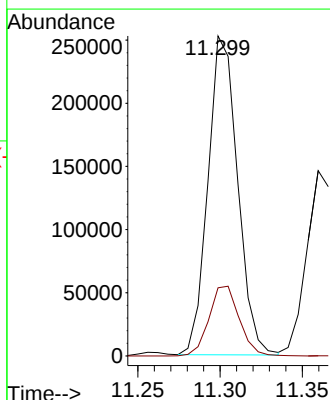
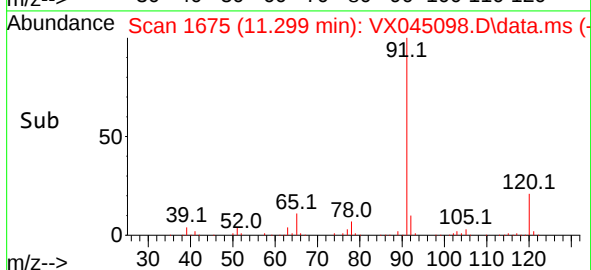
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

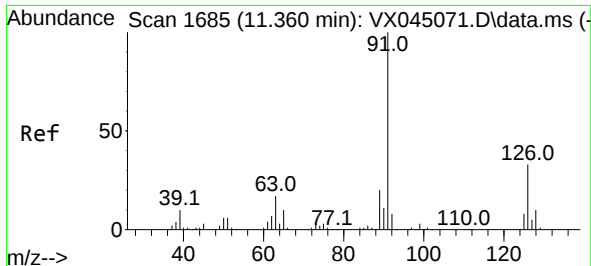


#78
n-propylbenzene
Concen: 52.873 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion: 91 Resp: 316831
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6





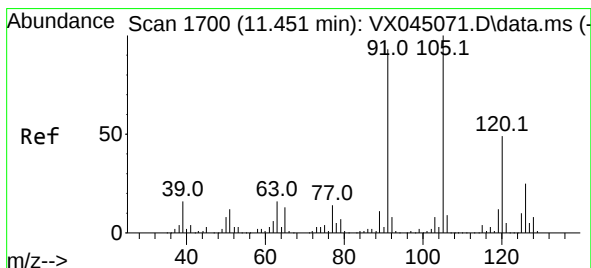
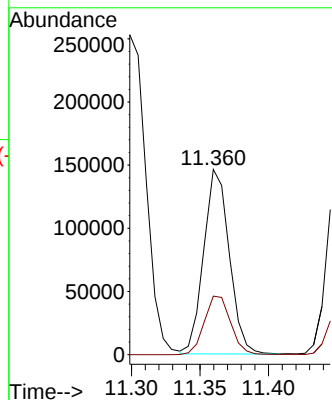
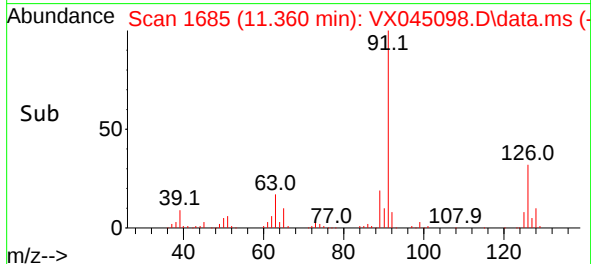
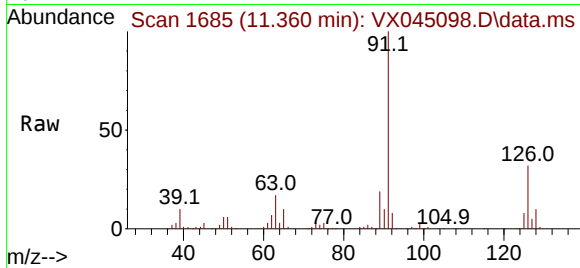
#79
2-Chlorotoluene
Concen: 49.764 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 189914
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

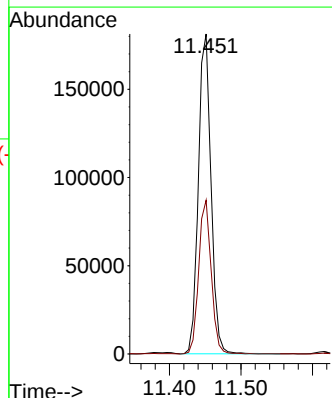
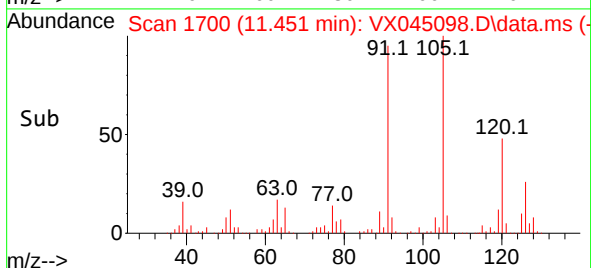
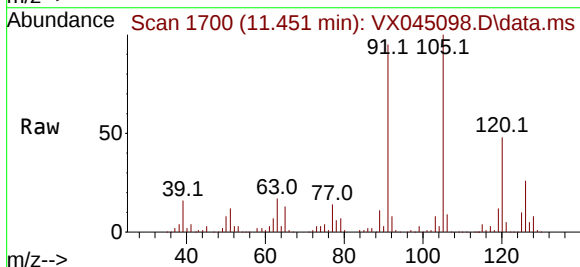
Manual Integrations
APPROVED

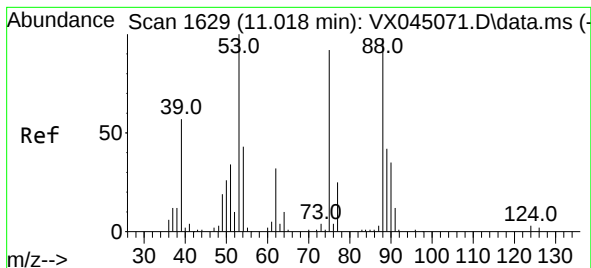
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

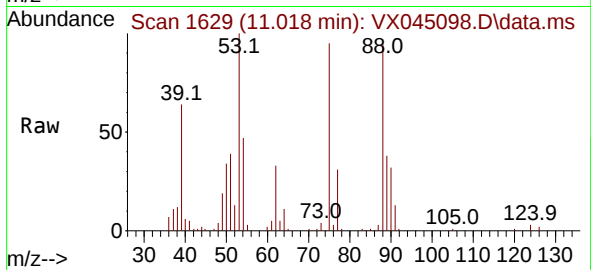
Tgt Ion:105 Resp: 221858
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.890 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

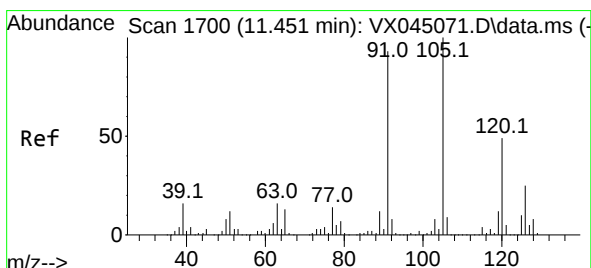
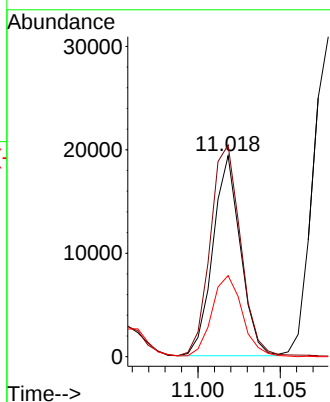
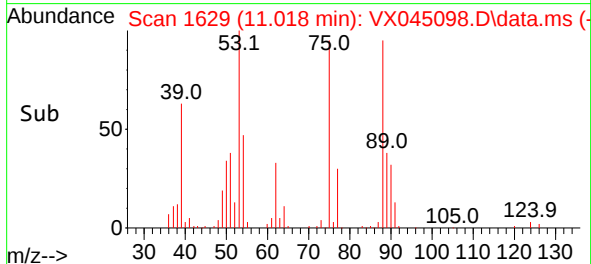
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



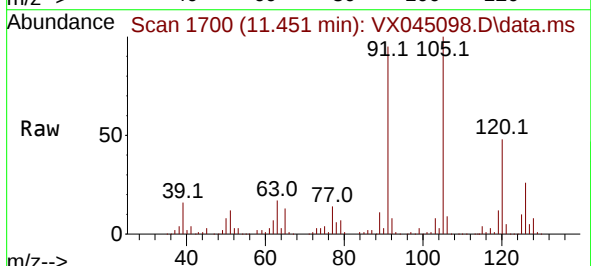
Tgt Ion: 75 Resp: 22598
Ion Ratio Lower Upper
75 100
53 117.7 88.5 132.7
89 45.0 36.2 54.4

Manual Integrations
APPROVED

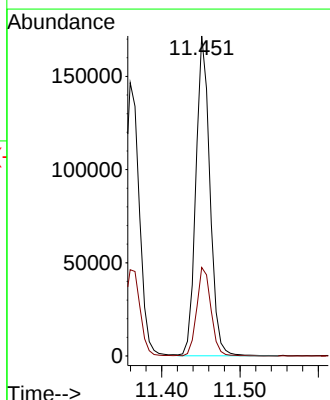
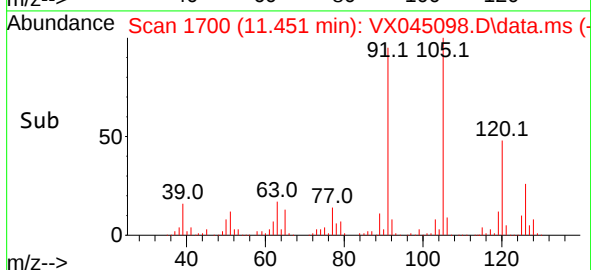
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

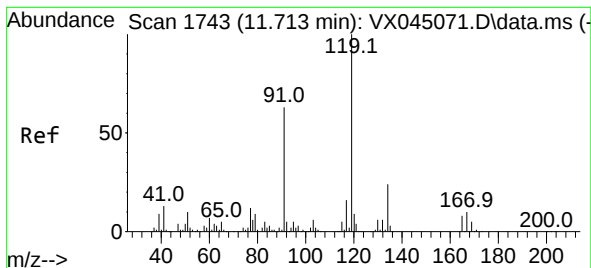


#82
4-Chlorotoluene
Concen: 51.409 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



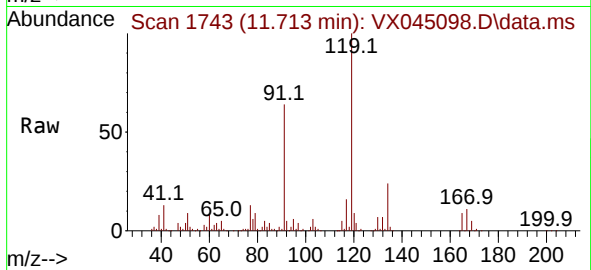
Tgt Ion: 91 Resp: 213820
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 50.511 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

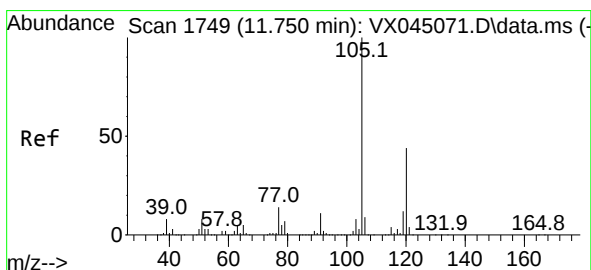
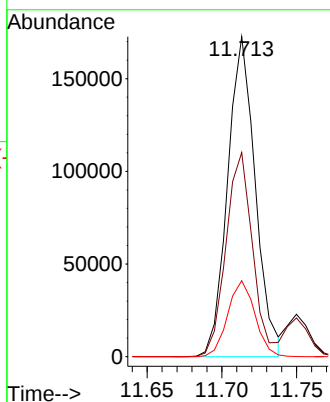
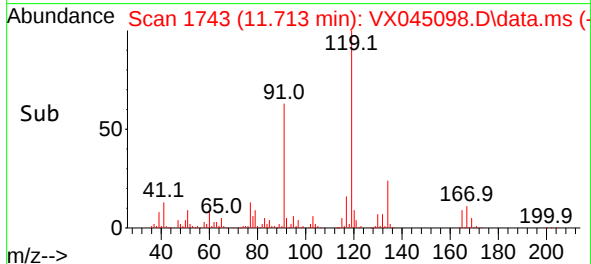
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



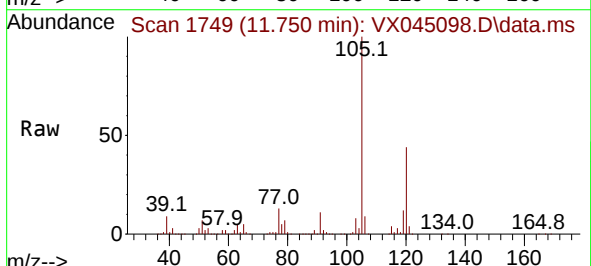
Tgt Ion:119 Resp: 222604
Ion Ratio Lower Upper
119 100
91 61.8 30.7 92.1
134 23.3 11.7 35.0

Manual Integrations
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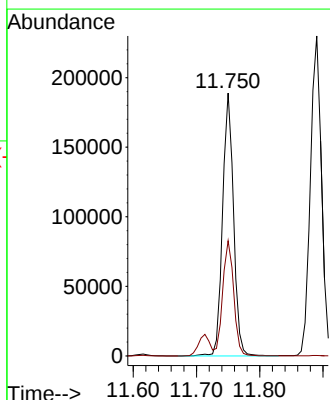
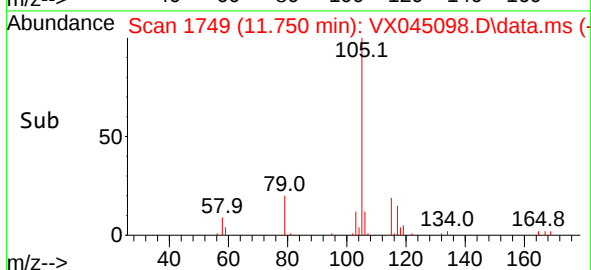
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

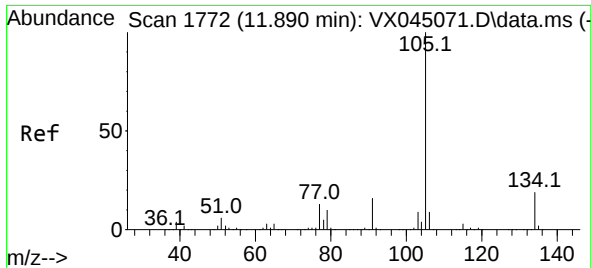


#84
1,2,4-Trimethylbenzene
Concen: 52.432 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



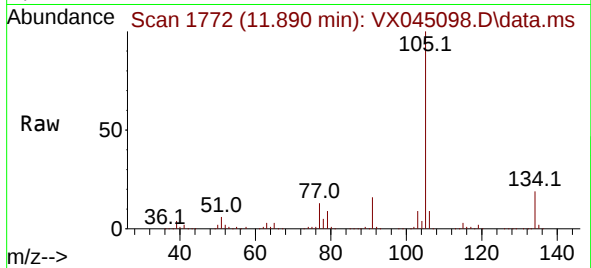
Tgt Ion:105 Resp: 226285
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 53.152 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045098.D
 Acq: 28 Feb 2025 18:50

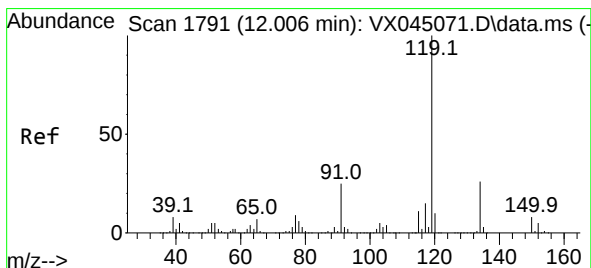
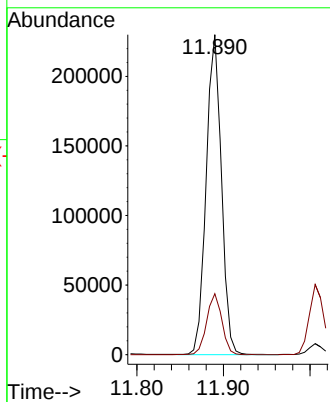
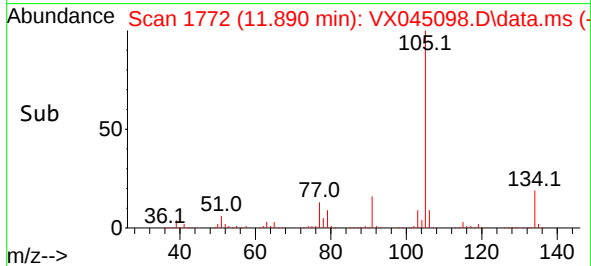
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



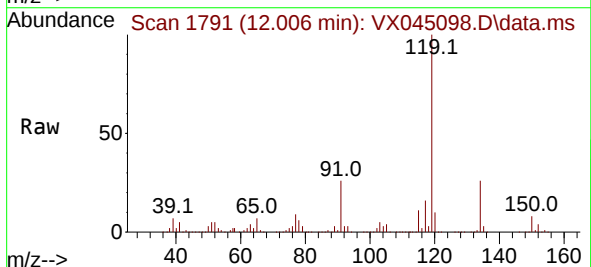
Tgt Ion:105 Resp: 28059
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
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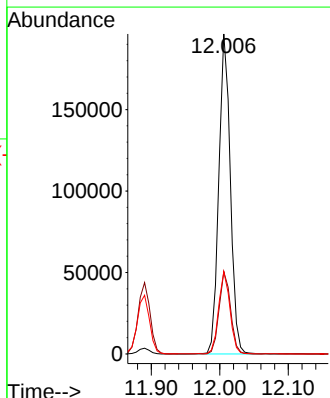
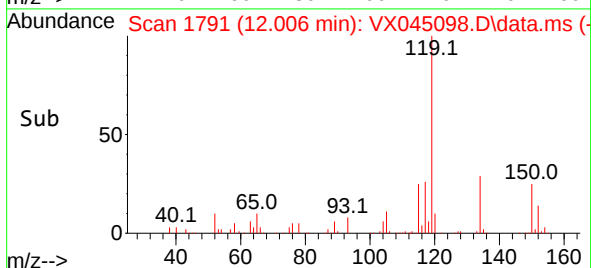
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#86
 p-Isopropyltoluene
 Concen: 53.355 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045098.D
 Acq: 28 Feb 2025 18:50



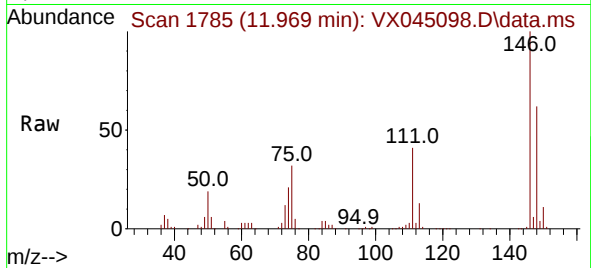
Tgt Ion:119 Resp: 227625
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.3 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 51.054 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

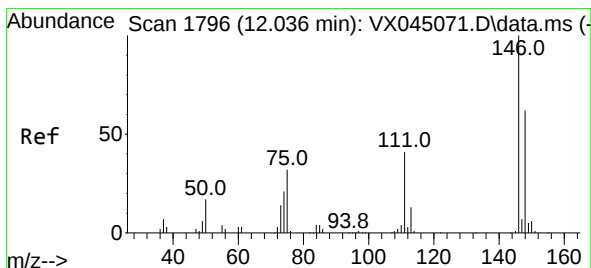
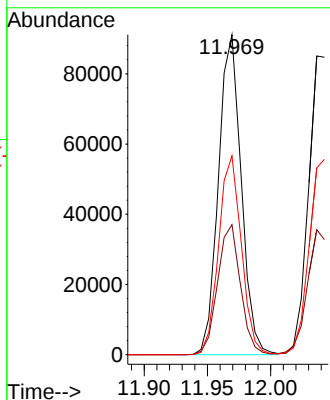
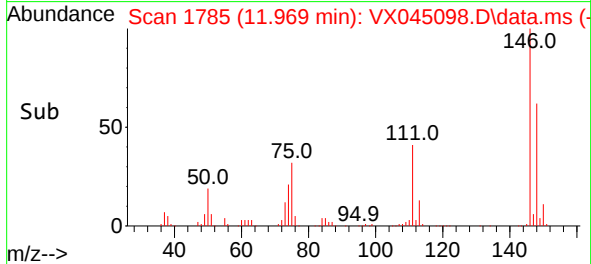
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



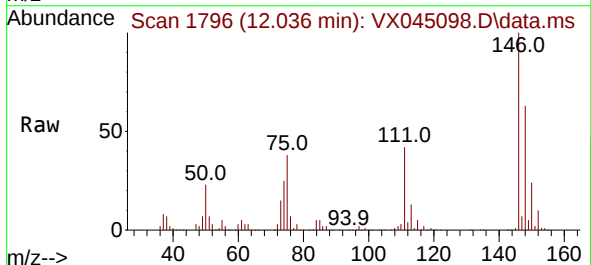
Tgt Ion:146 Resp: 113992
Ion Ratio Lower Upper
146 100
111 40.8 21.1 63.4
148 62.1 31.9 95.7

Manual Integrations
APPROVED

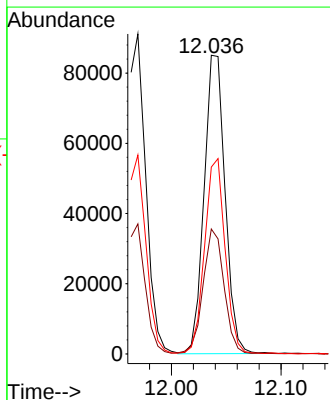
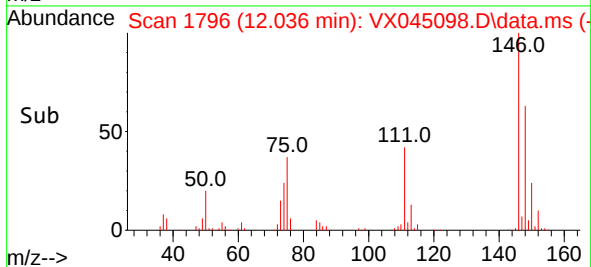
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

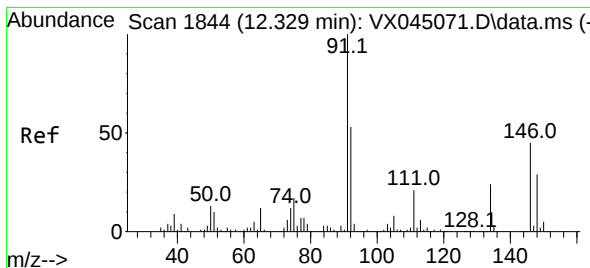


#88
1,4-Dichlorobenzene
Concen: 49.967 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



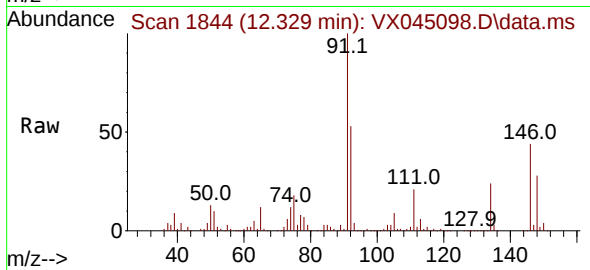
Tgt Ion:146 Resp: 112871
Ion Ratio Lower Upper
146 100
111 41.8 20.2 60.5
148 63.9 31.9 95.9





#89
n-Butylbenzene
Concen: 55.087 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

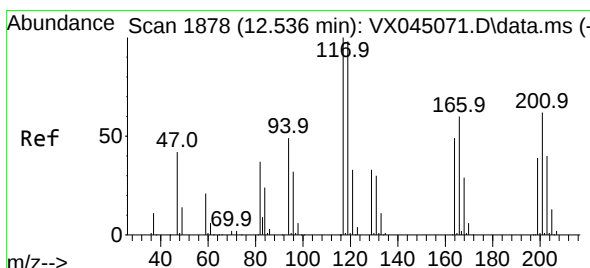
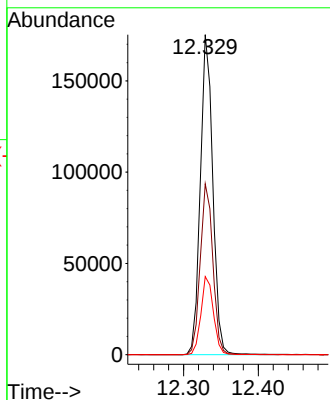
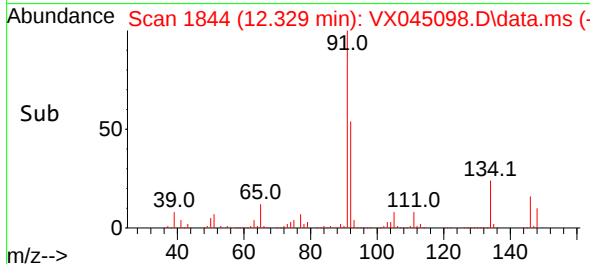
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 20241
Ion Ratio Lower Upper
91 100
92 54.4 26.7 80.0
134 24.6 12.2 36.6

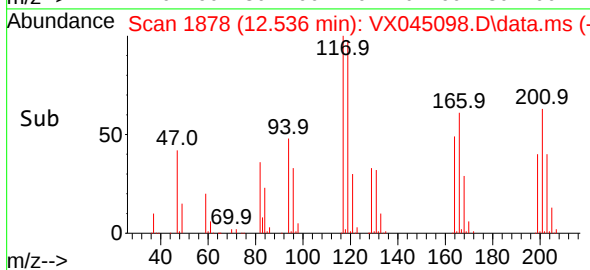
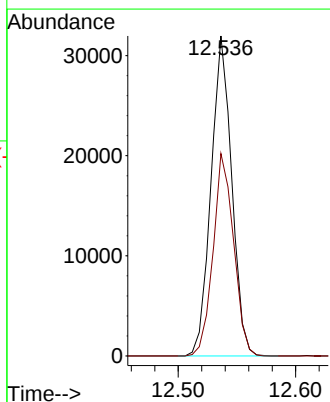
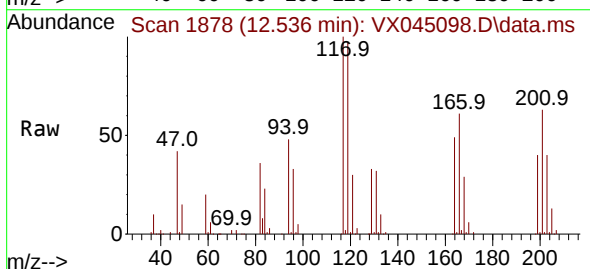
Manual Integrations
APPROVED

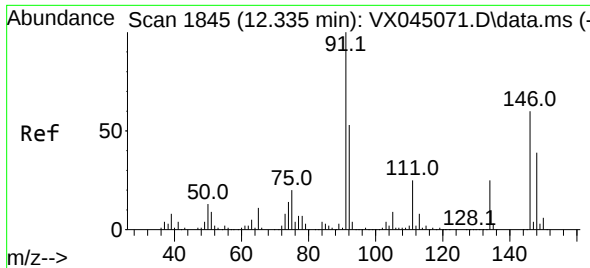
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#90
Hexachloroethane
Concen: 50.675 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

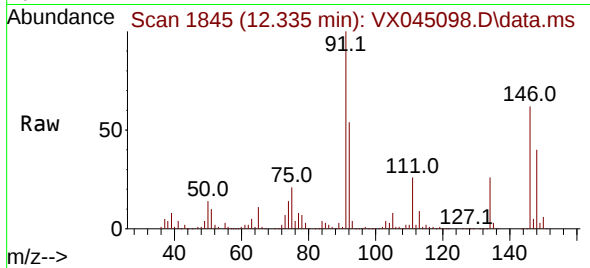
Tgt Ion:117 Resp: 39104
Ion Ratio Lower Upper
117 100
201 62.8 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.999 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

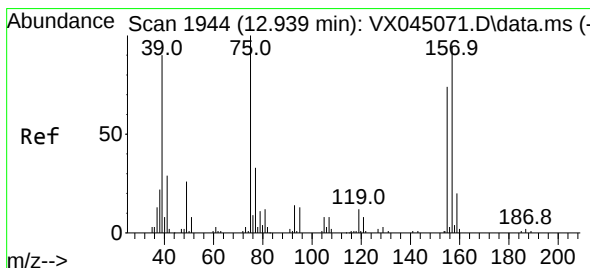
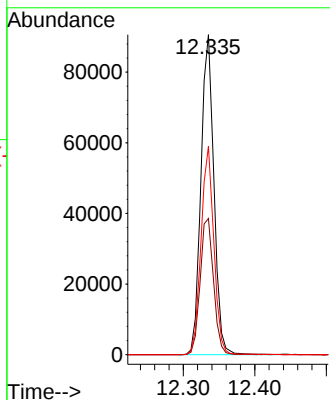
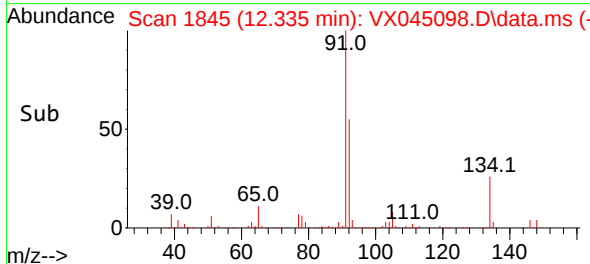
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



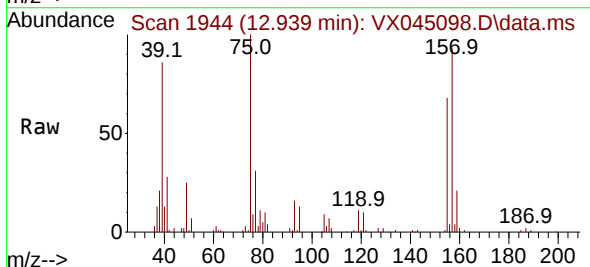
Tgt Ion:146 Resp: 114225
Ion Ratio Lower Upper
146 100
111 43.9 21.6 65.0
148 64.2 31.9 95.9

Manual Integrations
APPROVED

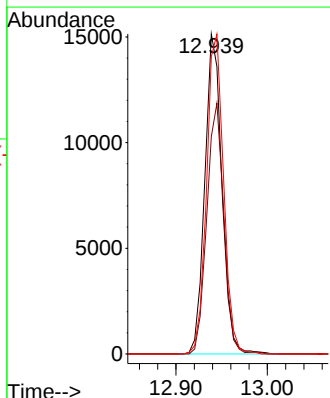
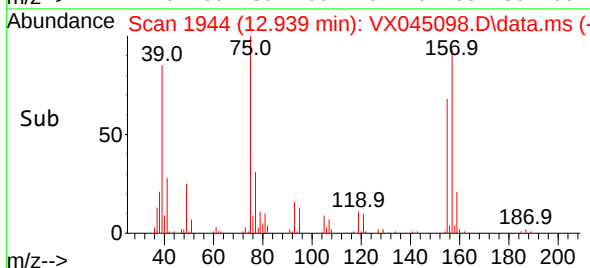
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

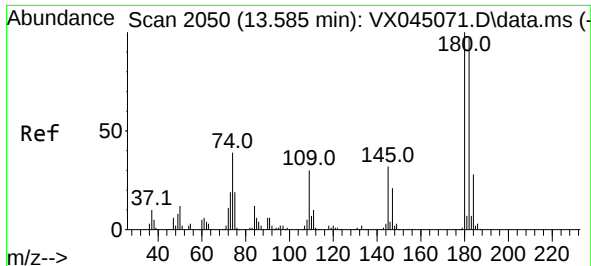


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.657 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



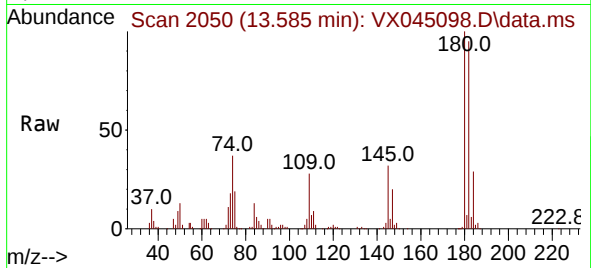
Tgt Ion: 75 Resp: 19590
Ion Ratio Lower Upper
75 100
155 78.1 39.6 118.7
157 99.5 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 54.709 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

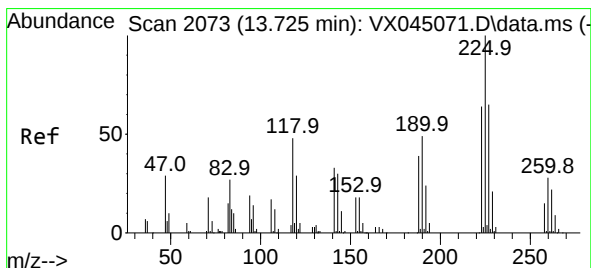
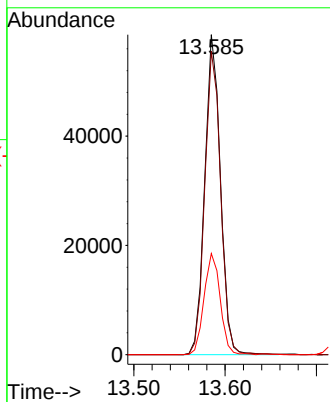
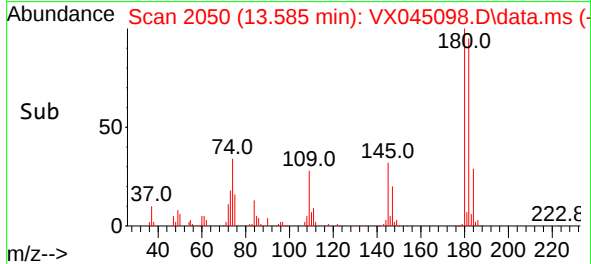
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



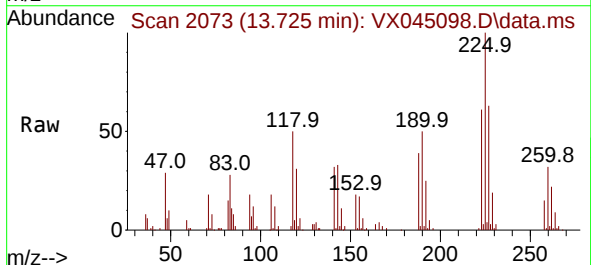
Tgt Ion:180 Resp: 6977
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 32.5 16.3 48.9

Manual Integrations
APPROVED

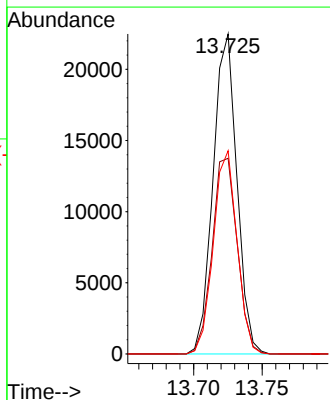
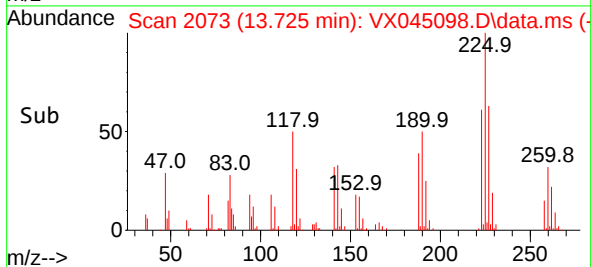
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

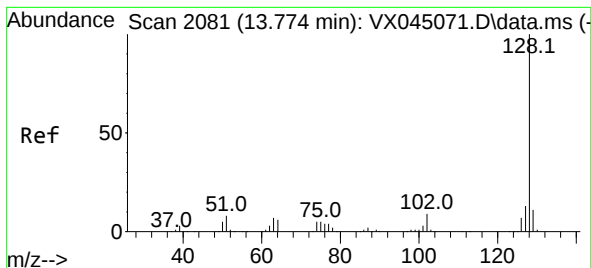


#94
Hexachlorobutadiene
Concen: 51.956 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



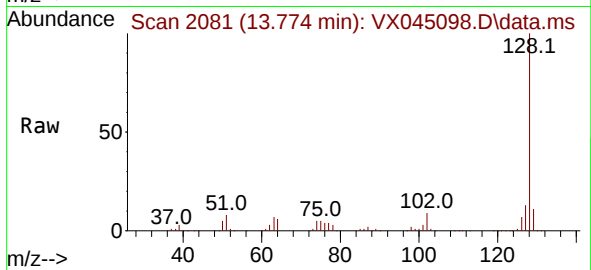
Tgt Ion:225 Resp: 27166
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 63.1 31.4 94.0





#95
Naphthalene
Concen: 54.575 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50

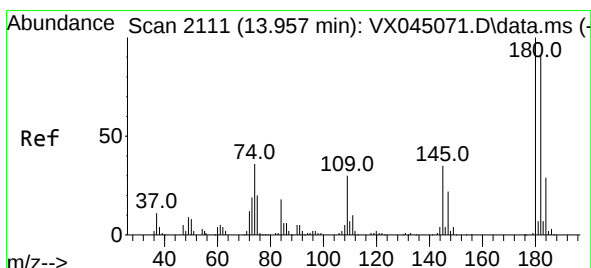
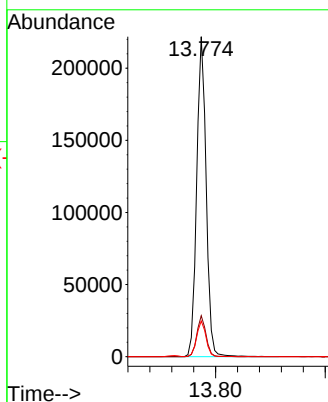
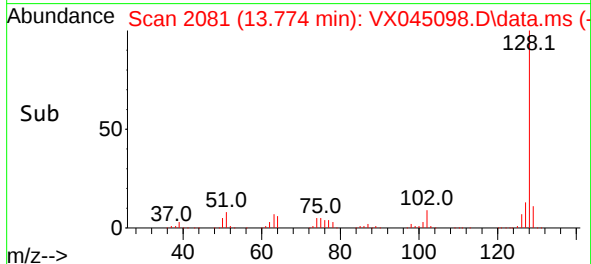
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



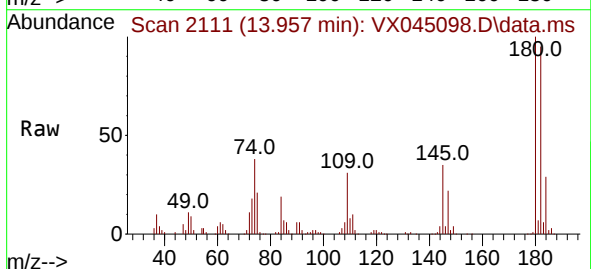
Tgt Ion:128 Resp: 267410
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.829 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045098.D
Acq: 28 Feb 2025 18:50



Tgt Ion:180 Resp: 72423
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 33.7 17.0 50.9

