

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045012.D
 Acq On : 21 Feb 2025 11:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 22 00:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	15390	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	91158	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	81702	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46852	31.344	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.467%	
60) 4-Bromofluorobenzene	11.079	95	47199	30.907	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.033%	
63) Toluene-d8	8.647	98	134852	29.835	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	205354	158.286	ug/l	96
3) Chloromethane	1.295	50	242022	155.752	ug/l	100
4) Vinyl Chloride	1.374	62	240390	160.323	ug/l	100
5) Bromomethane	1.593	94	81221	155.617	ug/l	97
6) Chloroethane	1.660	64	93284	114.868	ug/l	97
7) Trichlorofluoromethane	1.868	101	320914	159.243	ug/l	97
8) Diethyl Ether	2.130	74	121707	159.619	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	191867	160.302	ug/l	98
10) 1,1-Dichloroethene	2.307	96	191658	163.938	ug/l	90
11) Methyl Iodide	2.447	142	247014	186.677	ug/l	97
12) Methyl Acetate	2.703	43	226419	166.780	ug/l	99
13) Acrolein	2.233	56	233841	859.331	ug/l	99
14) Acrylonitrile	3.062	53	532462	802.955	ug/l	99
15) Acetone	2.386	58	137785	757.609	ug/l	98
16) Carbon Disulfide	2.502	76	548971	165.547	ug/l	99
17) Allyl chloride	2.654	41	362889	165.958	ug/l	100
18) Methylene Chloride	2.782	84	211221	160.628	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	192443	162.701	ug/l	97
20) Diisopropyl ether	3.757	45	684590	162.921	ug/l #	84
21) 1,1-Dichloroethane	3.599	63	379249	162.287	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	230636	162.719	ug/l	98
23) tert-Butyl Alcohol	2.977	59	66112	285.232	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	628626	164.746	ug/l	100
25) Chloroform	5.087	83	367141	162.652	ug/l	100
26) Cyclohexane	5.464	56	351233	162.829	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	260684	155.458	ug/l	99
30) 2-Butanone	4.550	43	735492	759.373	ug/l	100
31) 2,2-Dichloropropane	4.465	77	304225	160.447	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	316595	155.824	ug/l	99
33) Carbon Tetrachloride	5.672	117	264905	154.492	ug/l	98
34) Benzene	6.031	78	800159	152.163	ug/l	99
35) Methacrylonitrile	4.916	41	162761	157.037	ug/l	96
36) 1,2-Dichloroethane	6.080	62	276707	153.695	ug/l	97
37) Trichloroethene	7.117	130	189307	153.878	ug/l	96
38) Methylcyclohexane	7.373	83	350907	155.851	ug/l	98
39) 1,2-Dichloropropane	7.421	63	202146	154.621	ug/l	98
40) Dibromomethane	7.574	93	143641	153.109	ug/l	99
41) Bromodichloromethane	7.818	83	291108	156.122	ug/l	99
42) Vinyl Acetate	3.715	43	2988086	795.020	ug/l	99

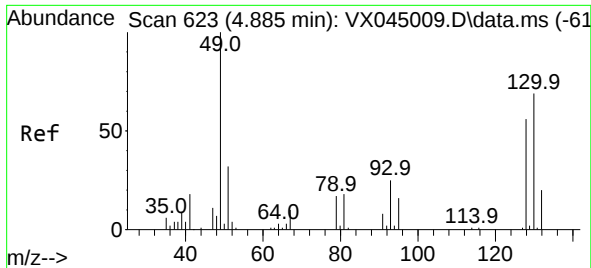
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	292788	161.195	ug/l	97
44) Isopropyl Acetate	6.336	43	490033	163.920	ug/l	99
45) 1,4-Dioxane	7.665	88	91297	2937.775	ug/l	98
46) Methyl methacrylate	7.690	41	241575	164.798	ug/l	97
47) n-amyl Acetate	10.842	43	438261	168.943	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	303740	169.001	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	331118	162.750	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	183455	149.917	ug/l	95
51) Ethyl methacrylate	9.116	69	323054	167.857	ug/l	100
52) 1,3-Dichloropropane	9.305	76	327551	152.762	ug/l	99
53) Dibromochloromethane	9.519	129	213326	157.620	ug/l	97
54) 1,2-Dibromoethane	9.604	107	194634	156.632	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	788934	798.256	ug/l	99
56) Bromoform	10.799	173	140224	165.340	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1431130	770.025	ug/l	99
59) 2-Hexanone	9.433	43	1054503	784.964	ug/l	99
61) Tetrachloroethene	9.269	164	149808	148.903	ug/l	95
62) Toluene	8.714	91	824606	152.359	ug/l	100
64) Chlorobenzene	10.073	112	513552	153.126	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	175139	158.260	ug/l	98
66) Ethyl Benzene	10.189	91	933862	157.604	ug/l	97
67) m/p-Xylenes	10.299	106	679028	307.573	ug/l	97
68) o-Xylene	10.640	106	333410	153.922	ug/l	98
69) Styrene	10.653	104	566072	156.470	ug/l	97
70) Isopropylbenzene	10.957	105	868382	155.350	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	283733	154.359	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	312809	206.904	ug/l	85
73) Bromobenzene	11.195	156	198360	154.147	ug/l	96
74) n-propylbenzene	11.299	91	1049645	157.793	ug/l	98
75) 2-Chlorotoluene	11.360	91	619308	153.997	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	707908	153.508	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	97507	191.694	ug/l	99
78) 4-Chlorotoluene	11.451	91	704032	157.047	ug/l	98
79) tert-butylbenzene	11.713	119	716064	154.110	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	710215	153.746	ug/l	100
81) sec-Butylbenzene	11.890	105	910294	156.100	ug/l	100
82) p-Isopropyltoluene	12.006	119	738494	156.297	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	371922	155.340	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	366532	155.264	ug/l	99
85) n-Butylbenzene	12.329	91	710846	164.749	ug/l	98
86) Hexachloroethane	12.536	117	142372	170.855	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	356347	151.688	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	59310	166.653	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	238129	167.248	ug/l	98
90) Hexachlorobutadiene	13.725	225	90085	155.145	ug/l	98
91) Naphthalene	13.774	128	829698	165.262	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	236181	161.124	ug/l	99

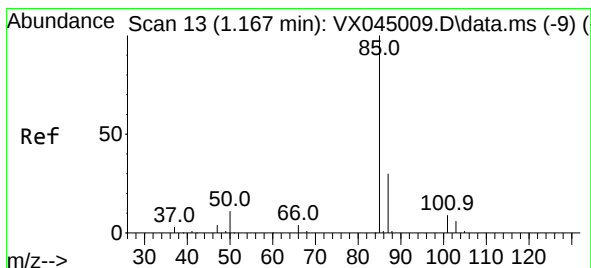
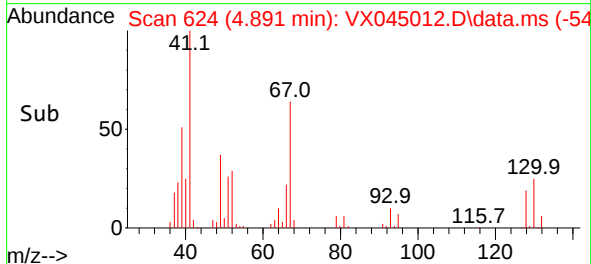
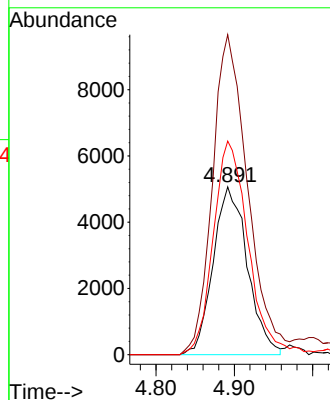
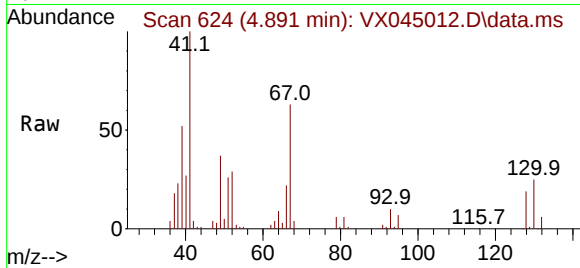
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

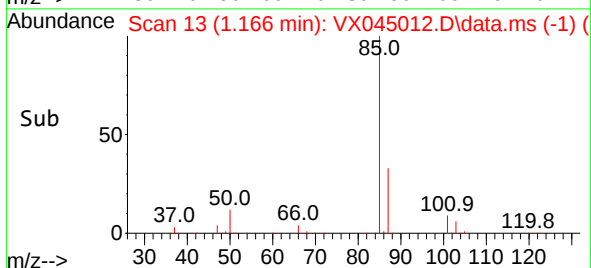
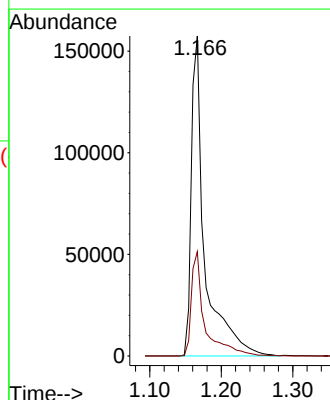
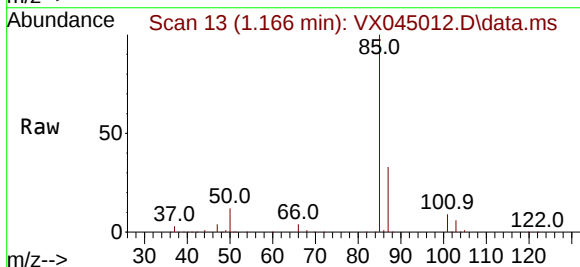
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

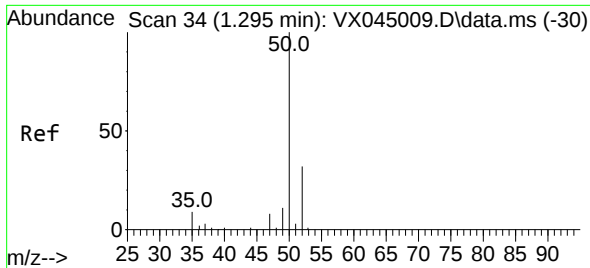
Tgt Ion:128 Resp: 15390
Ion Ratio Lower Upper
128 100
49 196.5 0.0 449.7
130 128.8 0.0 312.7



#2
Dichlorodifluoromethane
Concen: 158.286 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 85 Resp: 205354
Ion Ratio Lower Upper
85 100
87 32.6 15.1 45.3

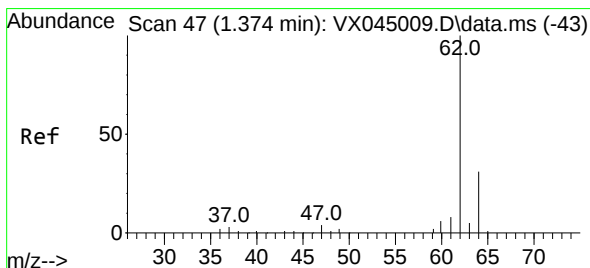
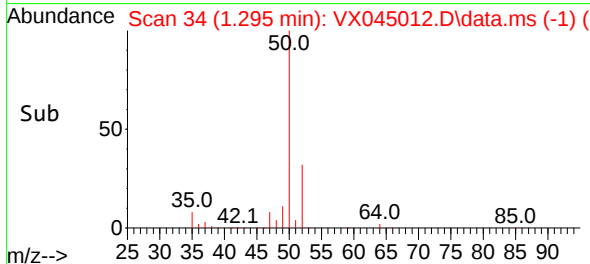
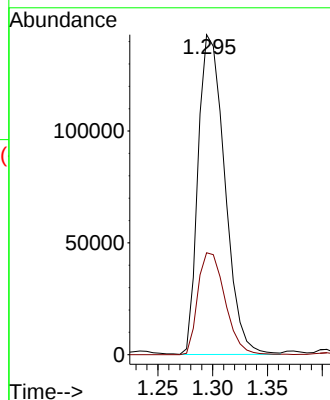
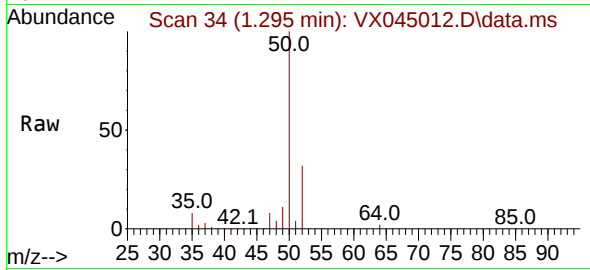




#3
Chloromethane
Concen: 155.752 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

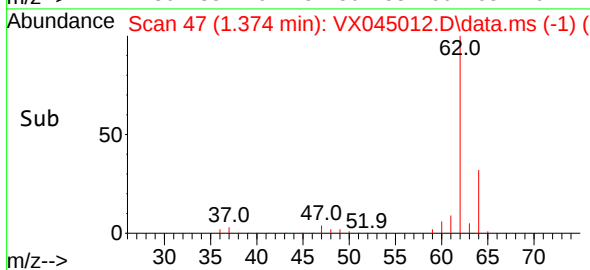
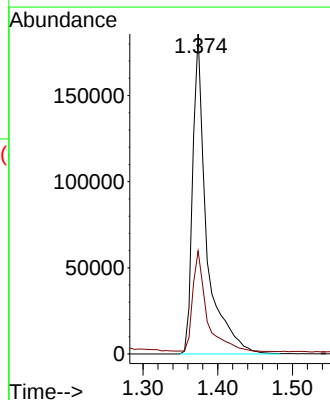
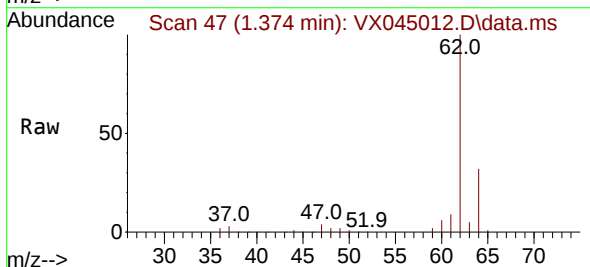
Instrument :
MSVOA_X
ClientSampleId :
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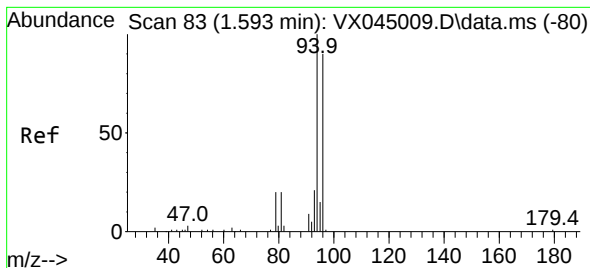
Tgt Ion: 50 Resp: 242022
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 160.323 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 62 Resp: 240390
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

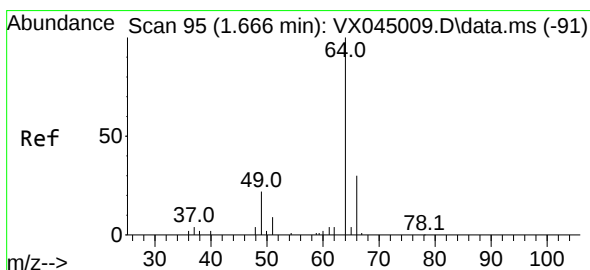
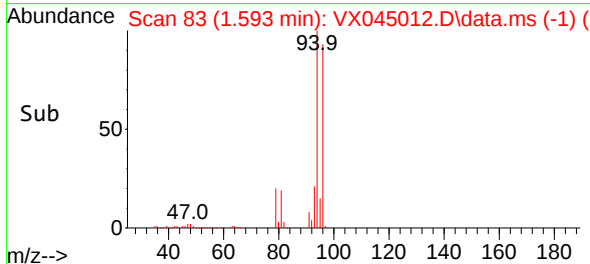
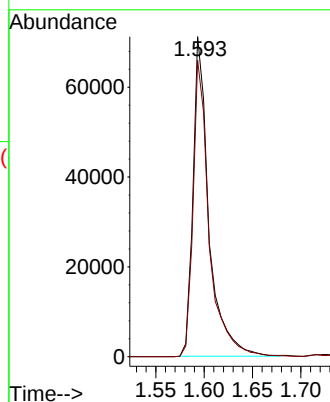
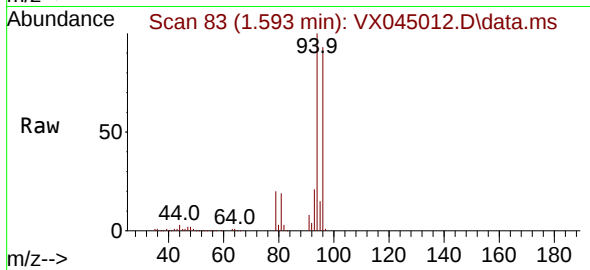




#5
Bromomethane
Concen: 155.617 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

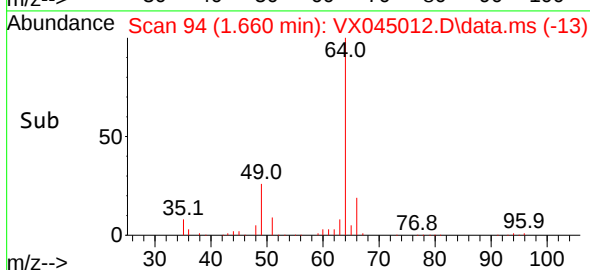
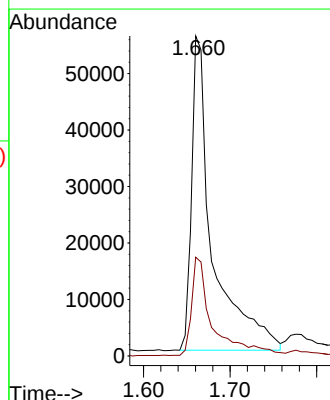
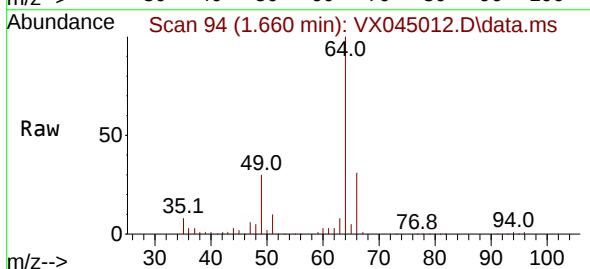
Instrument :
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ClientSampleId :
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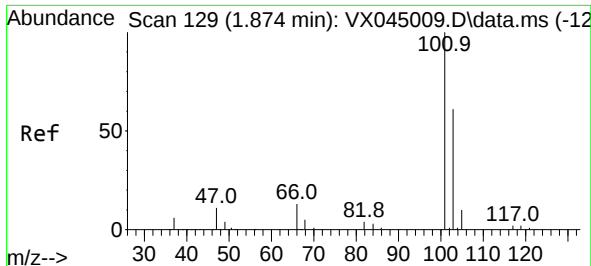
Tgt Ion: 94 Resp: 81221
Ion Ratio Lower Upper
94 100
96 92.7 72.2 108.4



#6
Chloroethane
Concen: 114.868 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 64 Resp: 93284
Ion Ratio Lower Upper
64 100
66 31.3 23.7 35.5

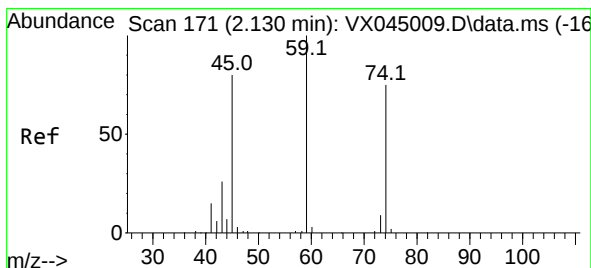
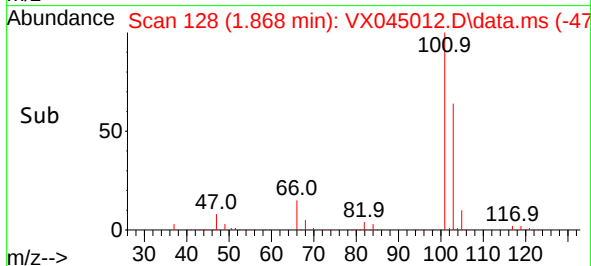
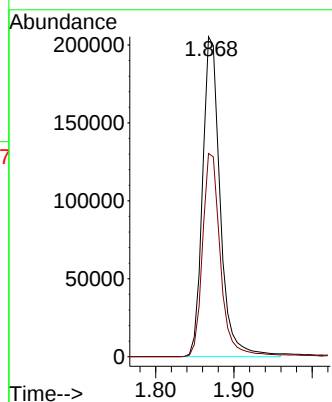
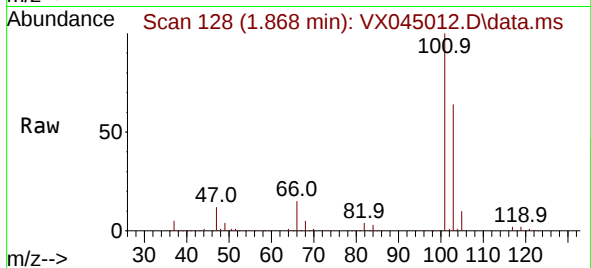




#7
 Trichlorofluoromethane
 Concen: 159.243 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

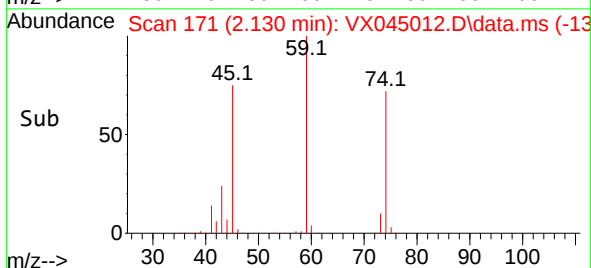
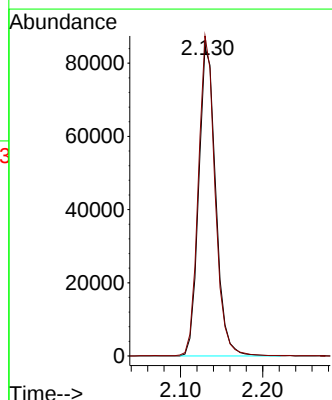
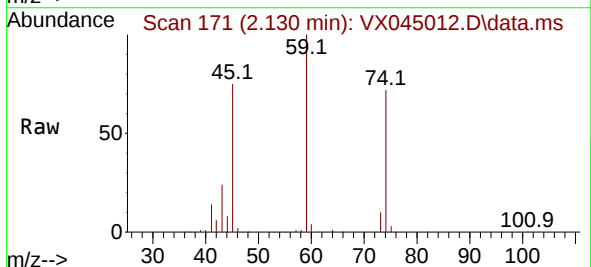
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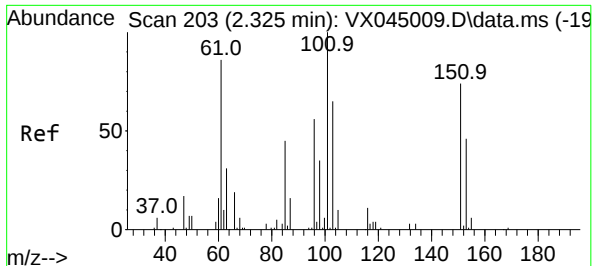
Tgt Ion:101 Resp: 320914
 Ion Ratio Lower Upper
 101 100
 103 63.5 48.8 73.2



#8
 Diethyl Ether
 Concen: 159.619 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

Tgt Ion: 74 Resp: 121707
 Ion Ratio Lower Upper
 74 100
 45 101.0 20.8 186.8

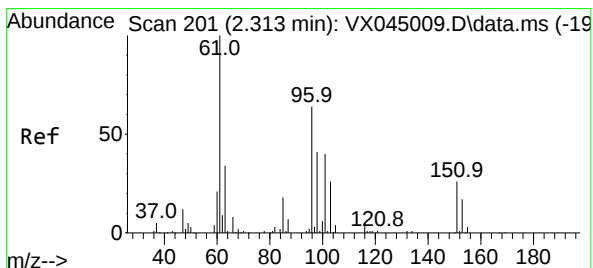
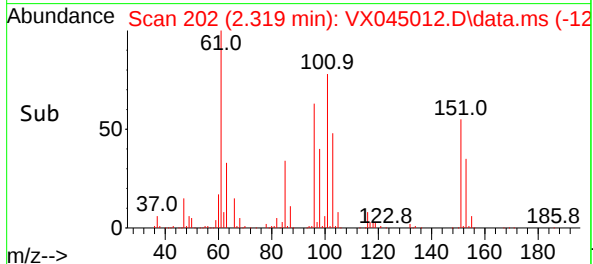
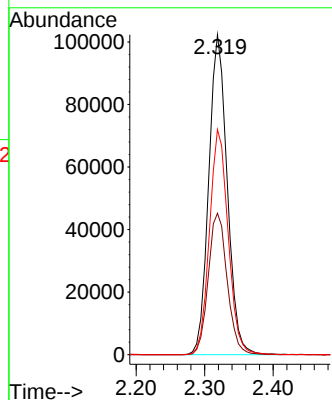
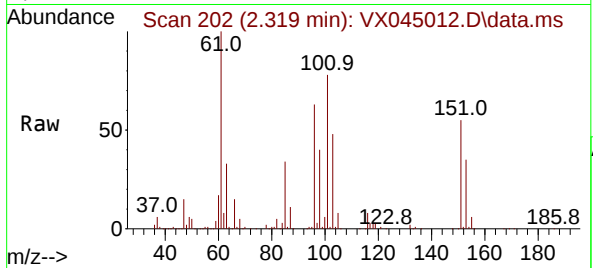




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 160.302 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

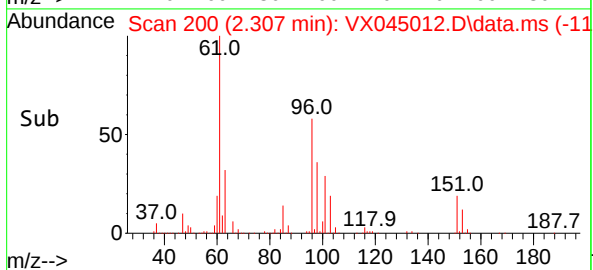
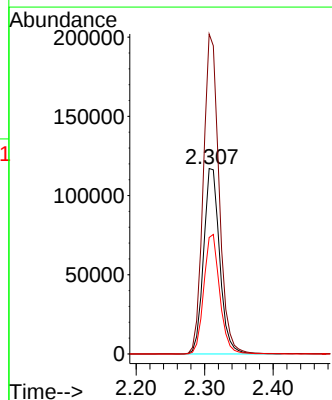
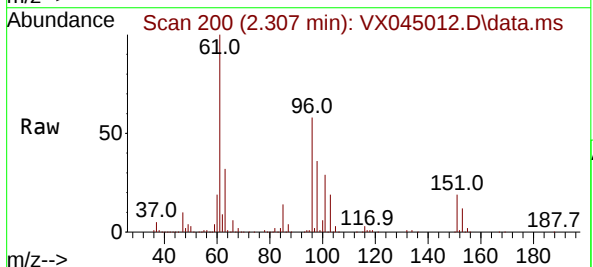
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

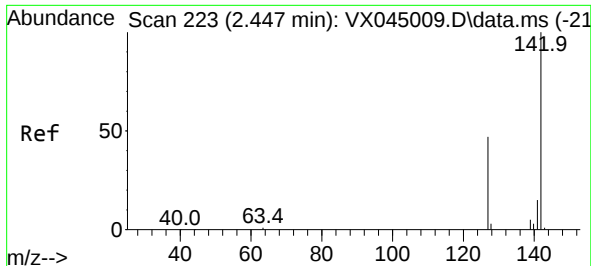
Tgt Ion:101 Resp: 191867
 Ion Ratio Lower Upper
 101 100
 85 45.2 0.0 90.6
 151 71.0 0.0 147.6



#10
 1,1-Dichloroethene
 Concen: 163.938 ug/l
 RT: 2.307 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

Tgt Ion: 96 Resp: 191658
 Ion Ratio Lower Upper
 96 100
 61 172.6 124.2 186.2
 98 62.8 51.1 76.7

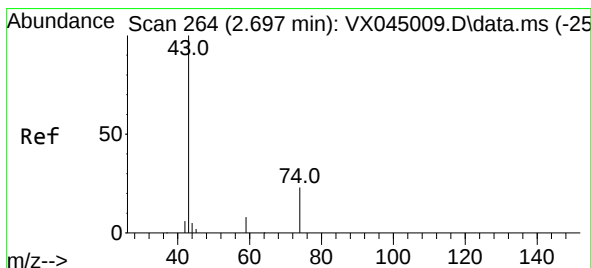
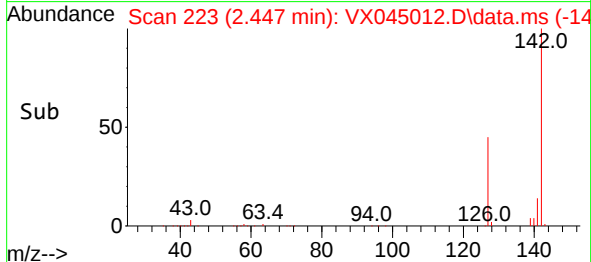
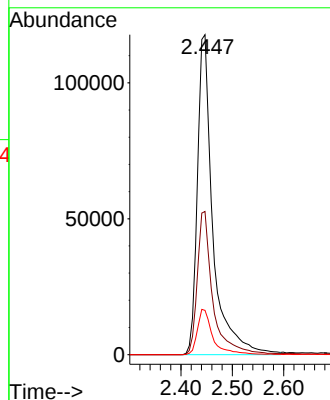
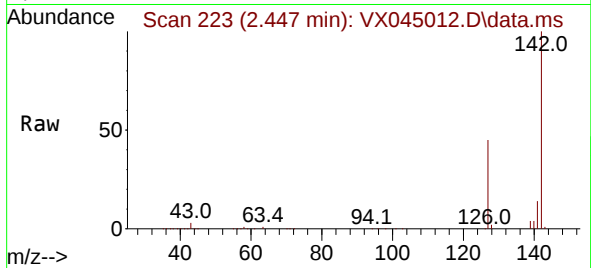




#11
Methyl Iodide
Concen: 186.677 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

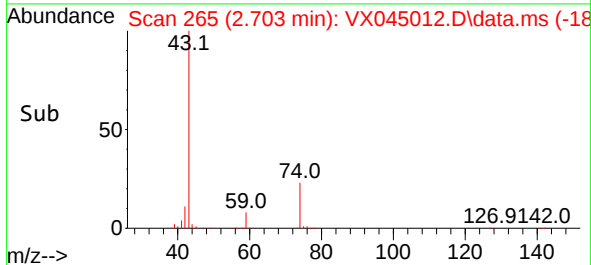
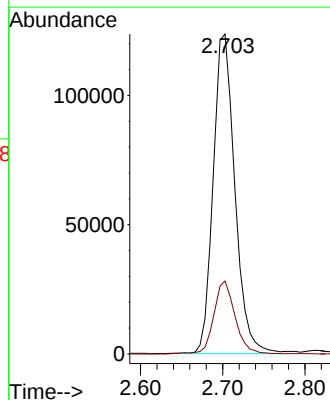
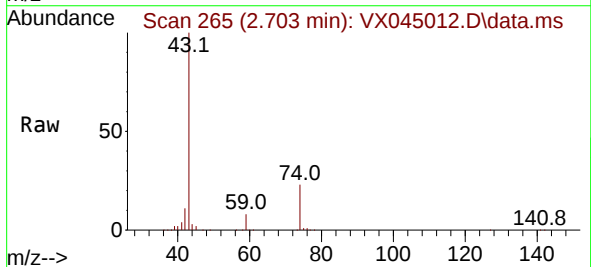
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

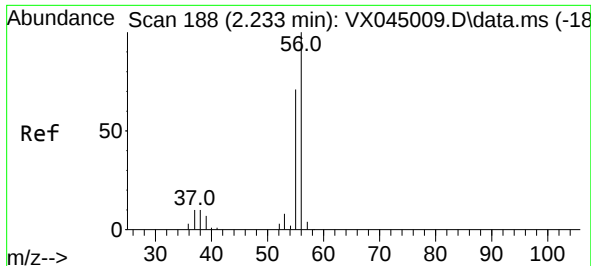
Tgt Ion:142 Resp: 247014
Ion Ratio Lower Upper
142 100
127 44.7 23.3 69.9
141 13.9 7.5 22.6



#12
Methyl Acetate
Concen: 166.780 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 43 Resp: 226419
Ion Ratio Lower Upper
43 100
74 22.7 17.9 26.9

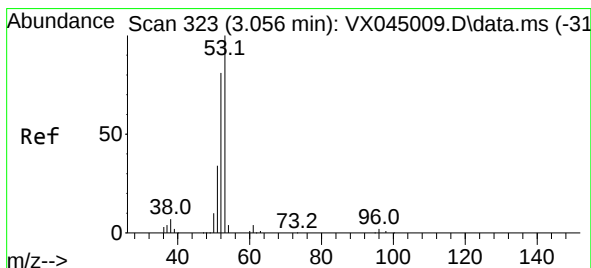
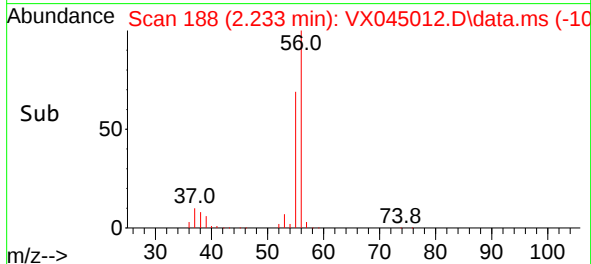
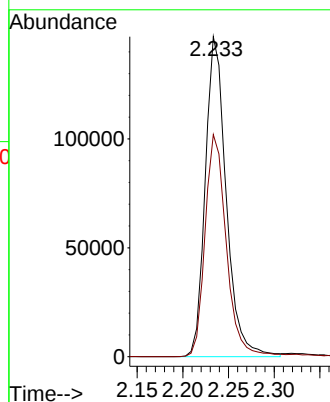
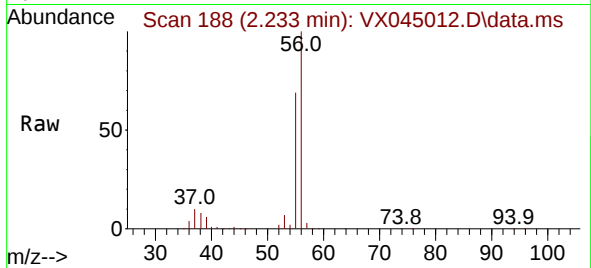




#13
Acrolein
Concen: 859.331 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

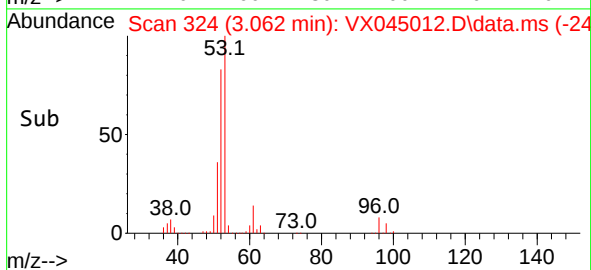
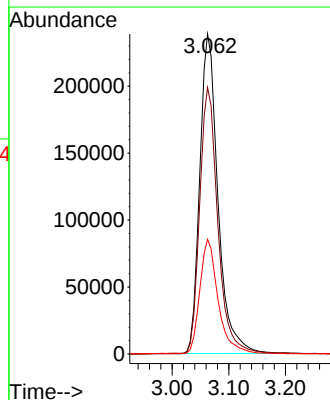
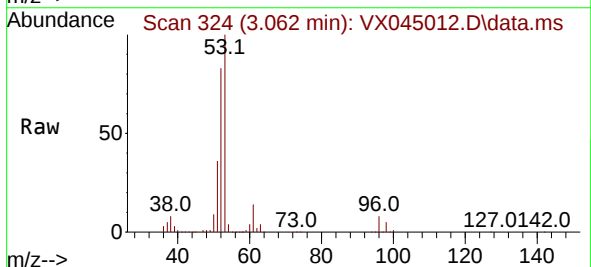
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

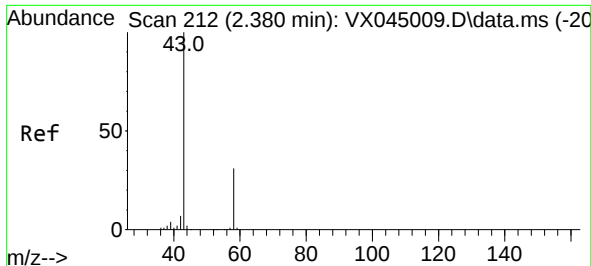
Tgt Ion: 56 Resp: 233841
Ion Ratio Lower Upper
56 100
55 70.5 55.4 83.2



#14
Acrylonitrile
Concen: 802.955 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 53 Resp: 532462
Ion Ratio Lower Upper
53 100
52 83.0 40.9 122.8
51 36.2 18.0 54.0

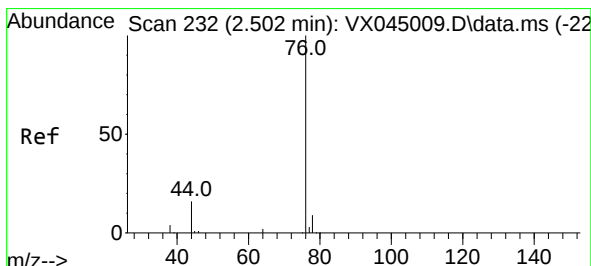
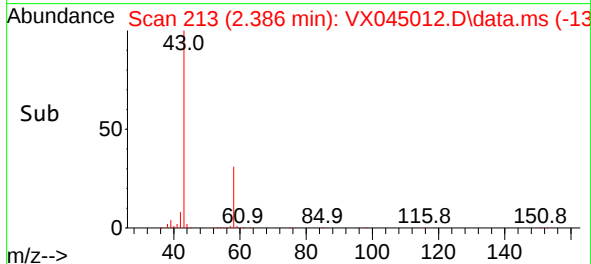
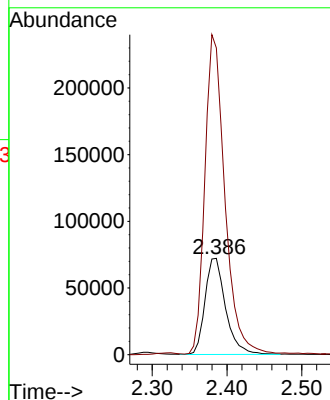
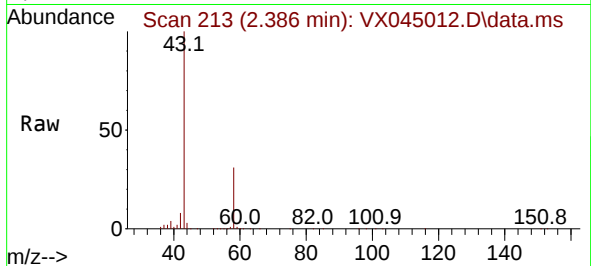




#15
Acetone
Concen: 757.609 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

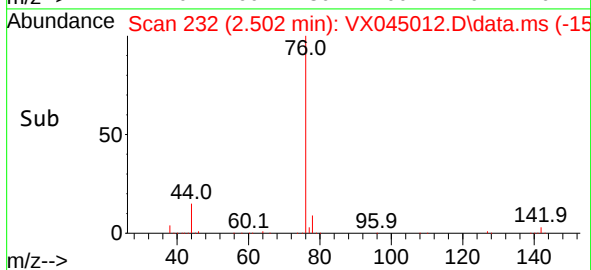
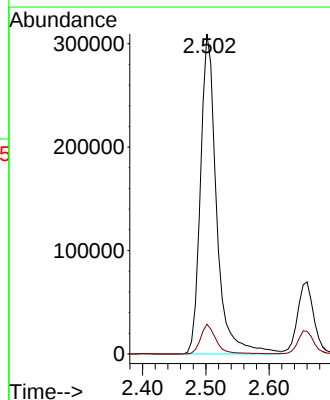
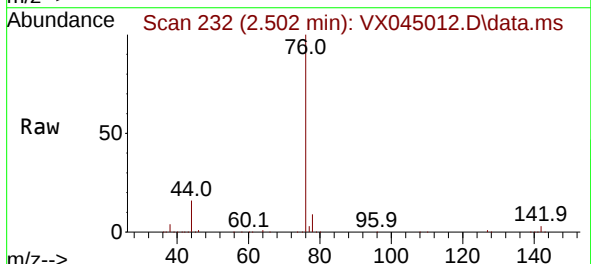
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

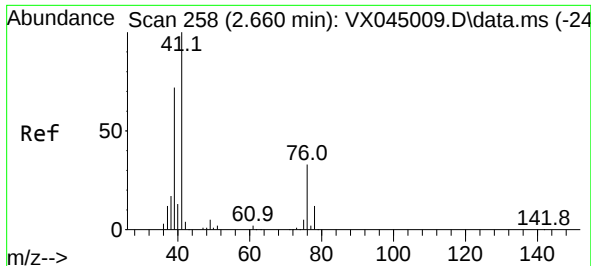
Tgt Ion: 58 Resp: 137785
Ion Ratio Lower Upper
58 100
43 318.9 258.6 388.0



#16
Carbon Disulfide
Concen: 165.547 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 76 Resp: 548971
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17

Allyl chloride

Concen: 165.958 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

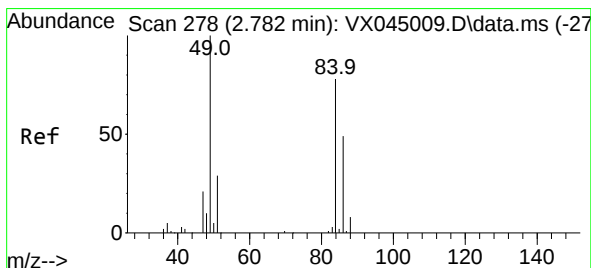
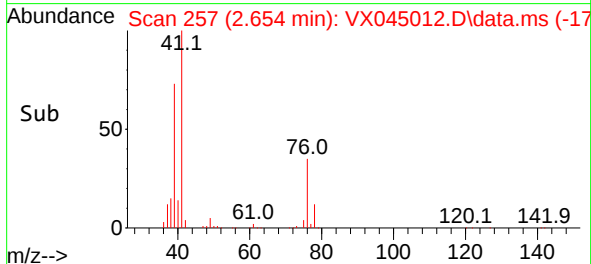
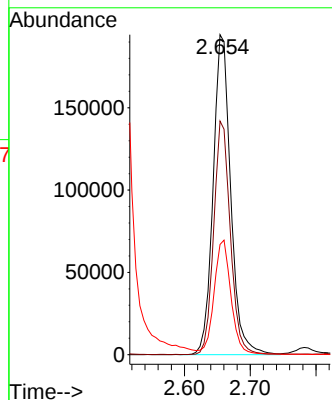
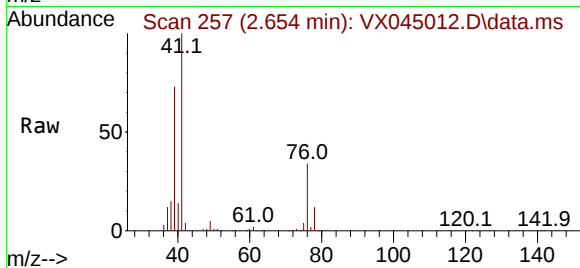
Tgt Ion: 41 Resp: 362889

Ion Ratio Lower Upper

41 100

39 73.0 36.2 108.6

76 34.3 17.2 51.5



#18

Methylene Chloride

Concen: 160.628 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Tgt Ion: 84 Resp: 211221

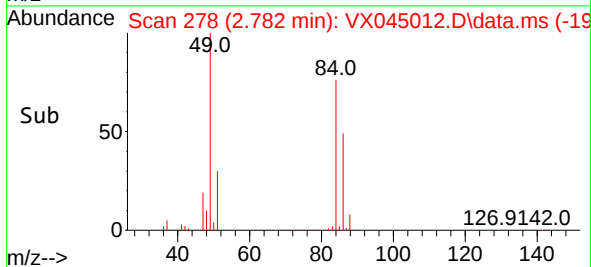
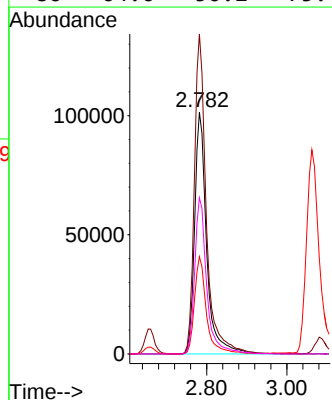
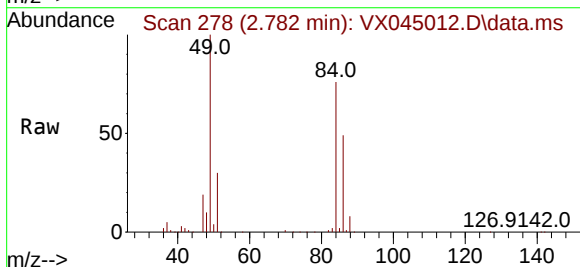
Ion Ratio Lower Upper

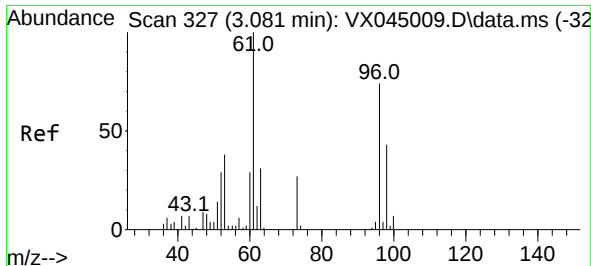
84 100

49 132.4 102.8 154.2

51 40.3 30.1 45.1

86 64.6 50.2 75.4

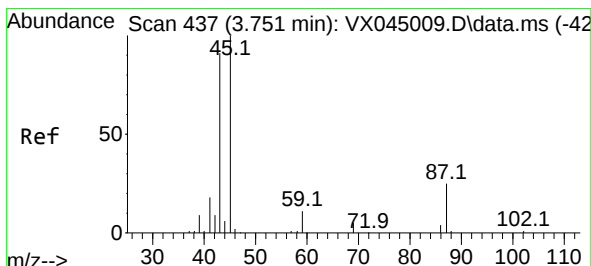
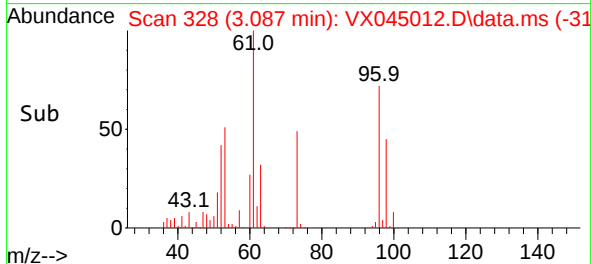
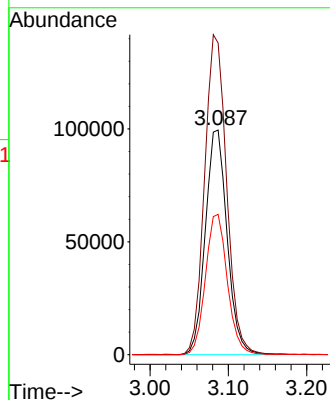
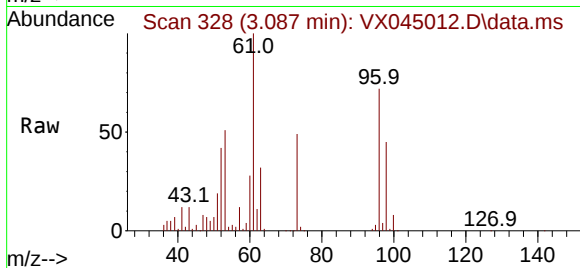




#19
trans-1,2-Dichloroethene
Concen: 162.701 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

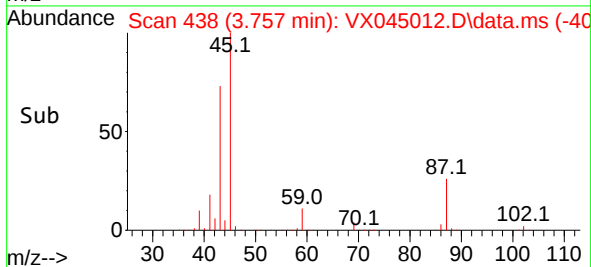
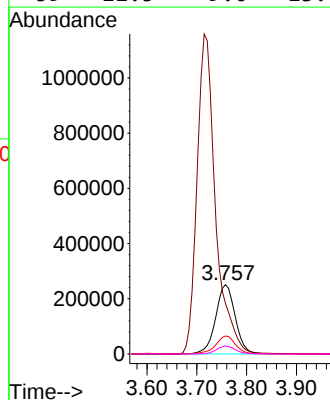
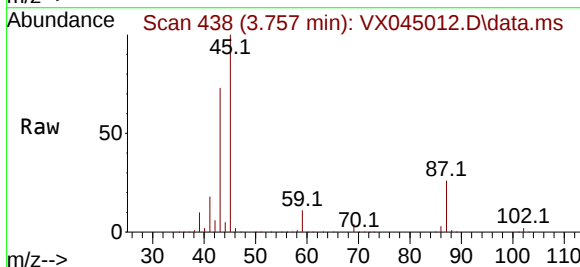
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 192443
Ion Ratio Lower Upper
96 100
61 138.6 108.6 163.0
98 62.5 46.5 69.7



#20
Diisopropyl ether
Concen: 162.921 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 45 Resp: 684590
Ion Ratio Lower Upper
45 100
43 72.4 74.4 111.6#
87 26.0 19.8 29.8
59 11.5 9.0 13.4





#21

1,1-Dichloroethane

Concen: 162.287 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

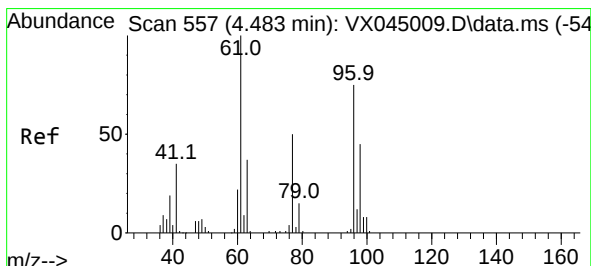
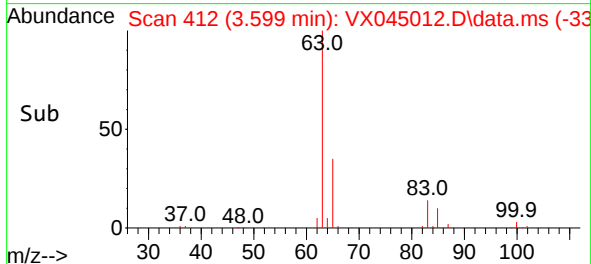
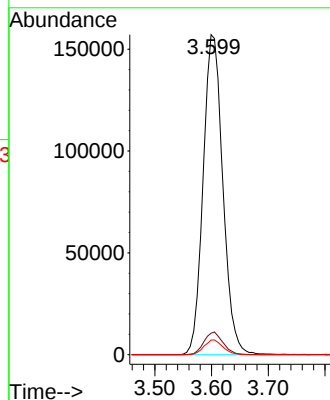
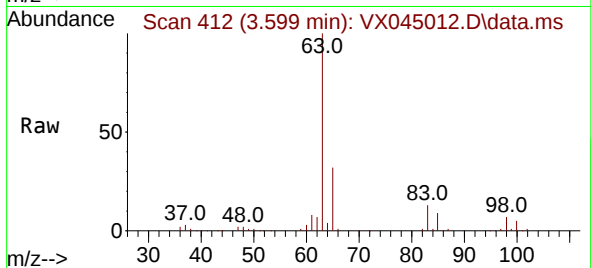
Tgt Ion: 63 Resp: 379249

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.6 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 162.719 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

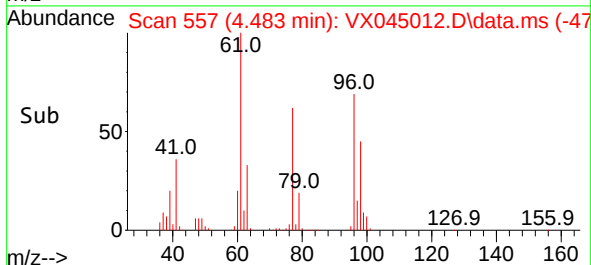
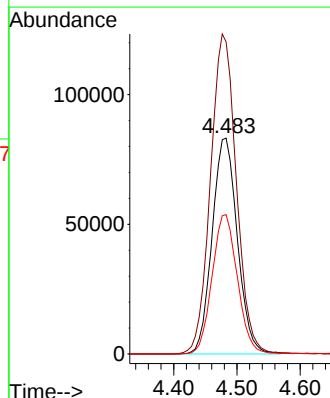
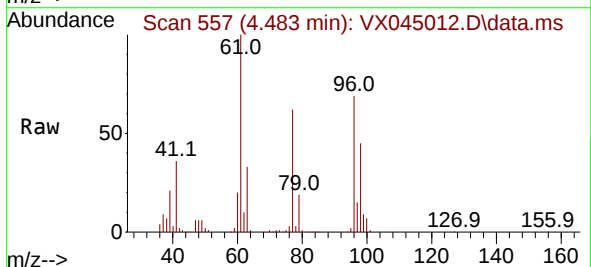
Tgt Ion: 96 Resp: 230636

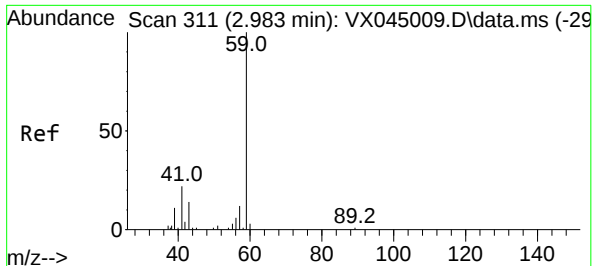
Ion Ratio Lower Upper

96 100

61 152.0 118.9 178.3

98 64.6 50.7 76.1

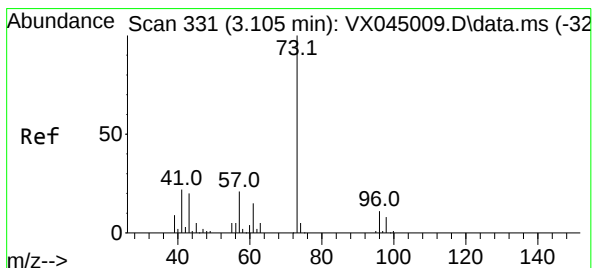
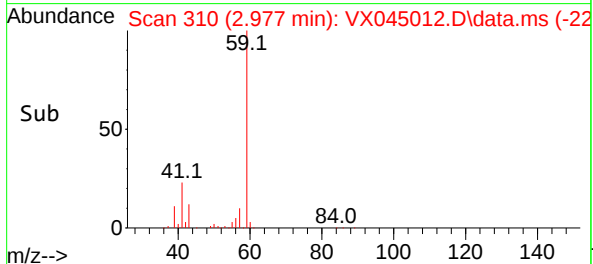
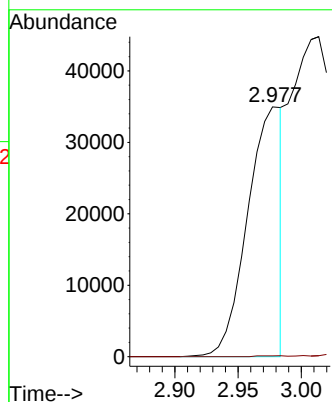
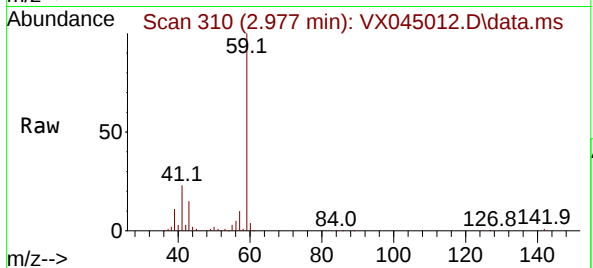




#23
tert-Butyl Alcohol
Concen: 285.232 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

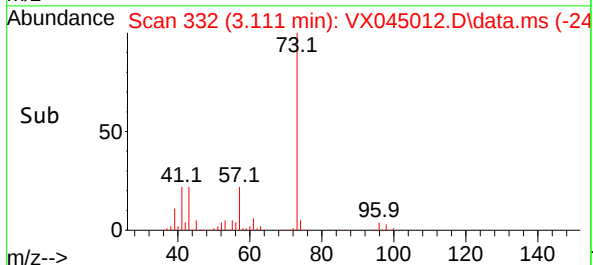
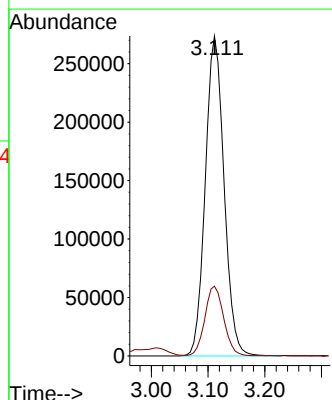
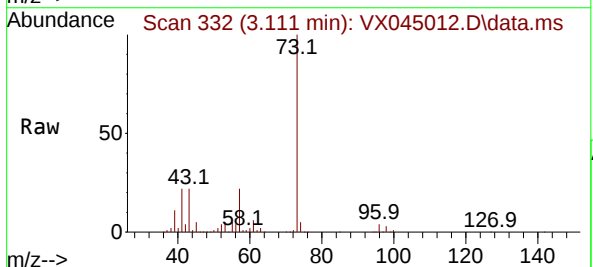
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

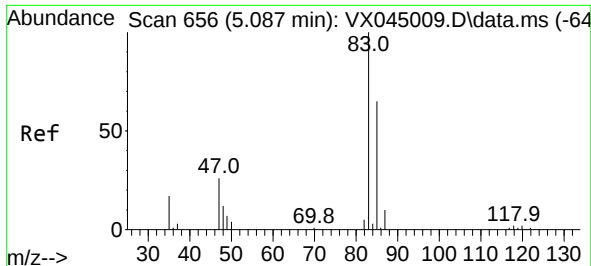
Tgt Ion: 59 Resp: 66112
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 164.746 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 73 Resp: 628626
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0

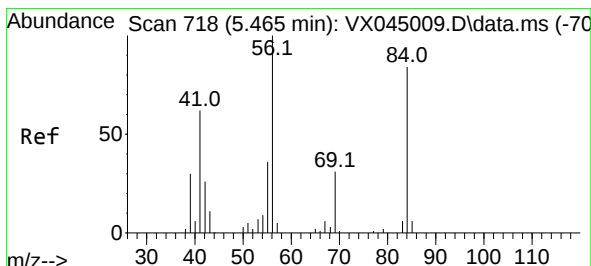
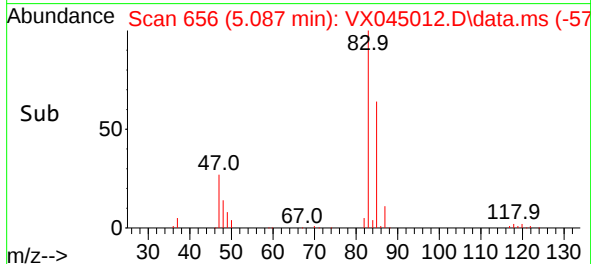
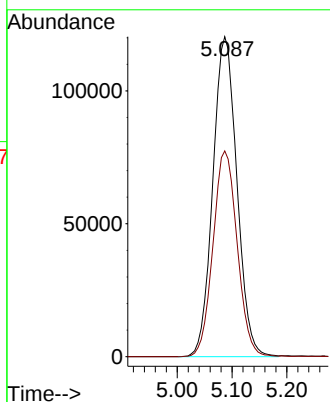
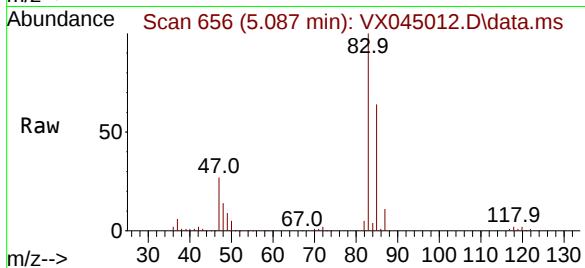




#25
Chloroform
Concen: 162.652 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

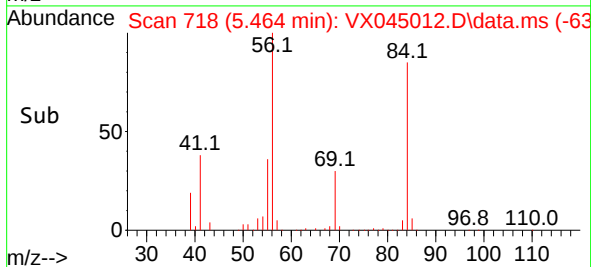
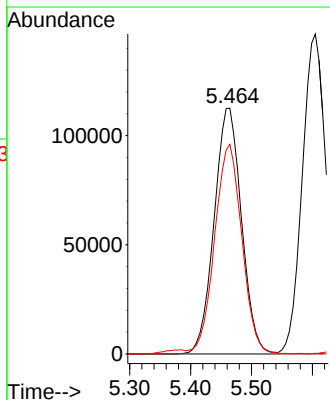
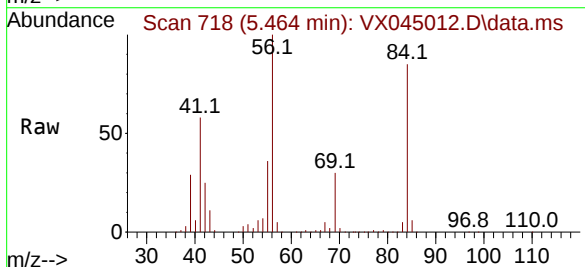
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

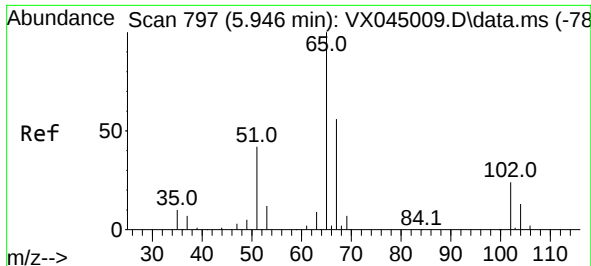
Tgt Ion: 83 Resp: 367141
Ion Ratio Lower Upper
83 100
85 64.3 51.7 77.5



#26
Cyclohexane
Concen: 162.829 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 56 Resp: 351233
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 31.344 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

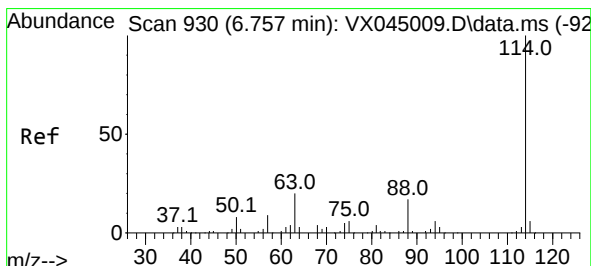
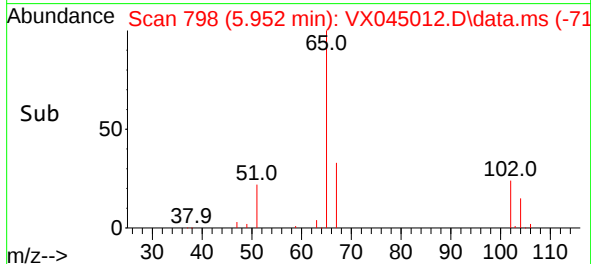
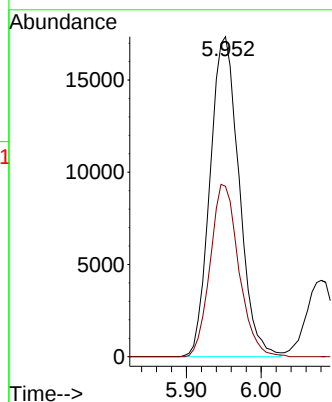
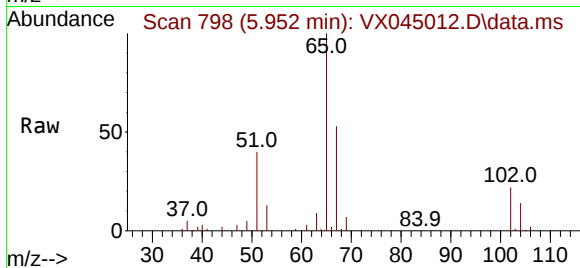
VSTDIC150

Tgt Ion: 65 Resp: 46852

Ion Ratio Lower Upper

65 100

67 53.1 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

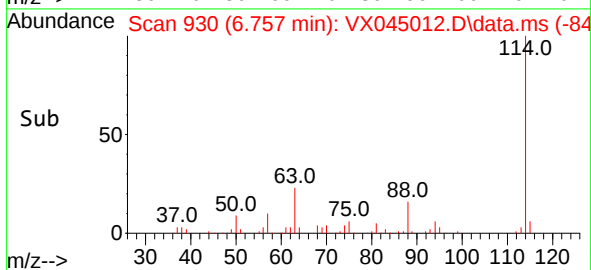
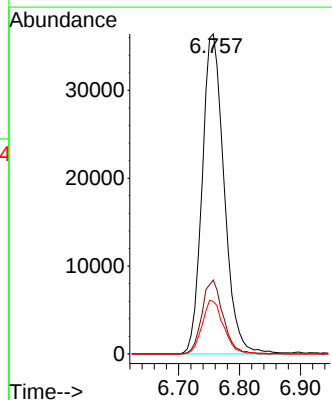
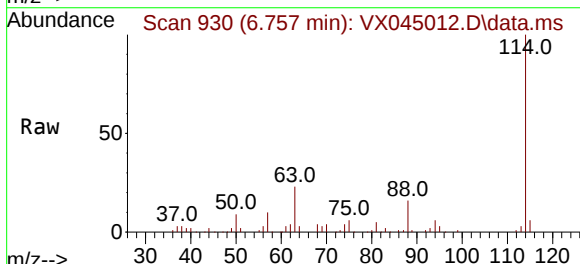
Tgt Ion: 114 Resp: 91158

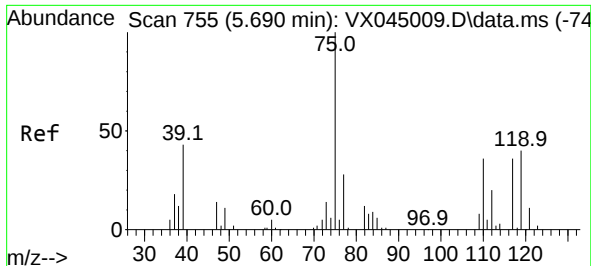
Ion Ratio Lower Upper

114 100

63 22.0 16.8 25.2

88 16.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 155.458 ug/l

RT: 5.684 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

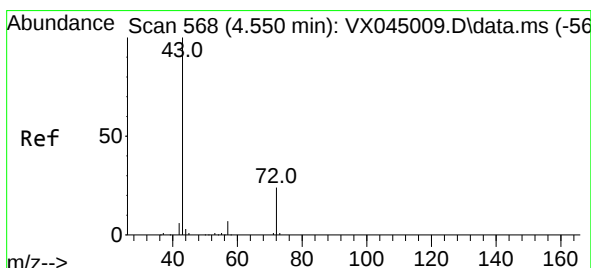
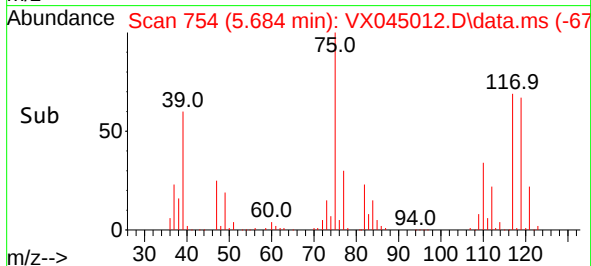
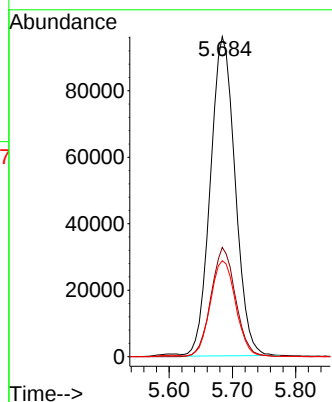
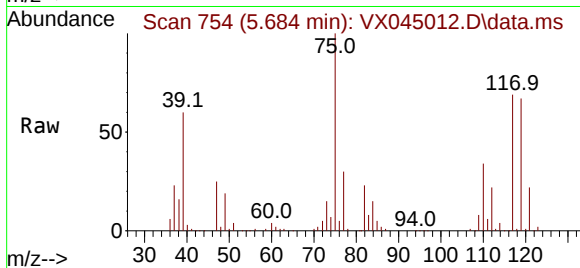
Tgt Ion: 75 Resp: 260684

Ion Ratio Lower Upper

75 100

110 33.9 0.0 69.2

77 30.9 0.0 61.0



#30

2-Butanone

Concen: 759.373 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

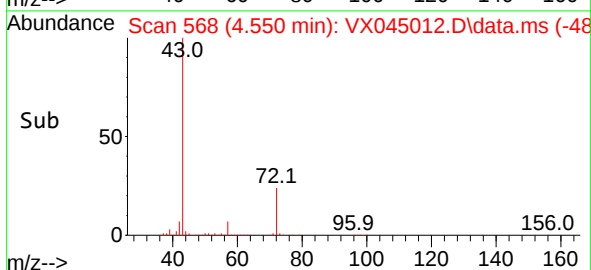
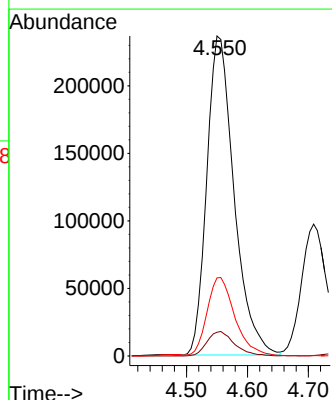
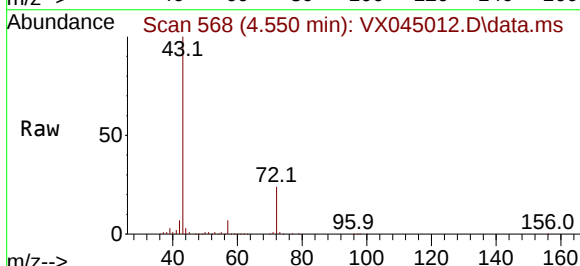
Tgt Ion: 43 Resp: 735492

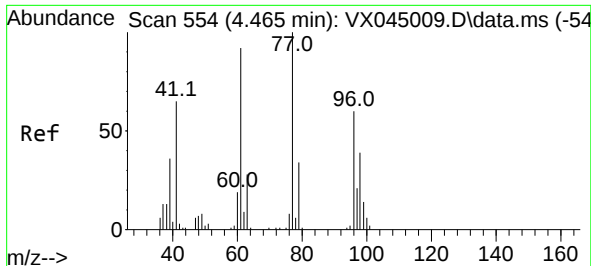
Ion Ratio Lower Upper

43 100

57 7.7 6.2 9.2

72 25.0 20.2 30.2

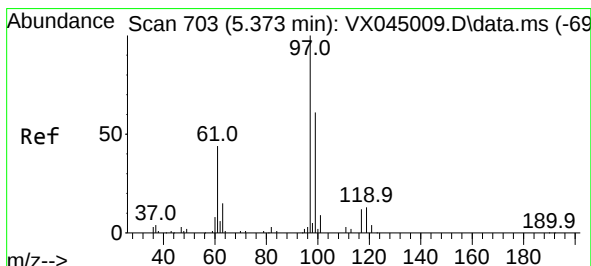
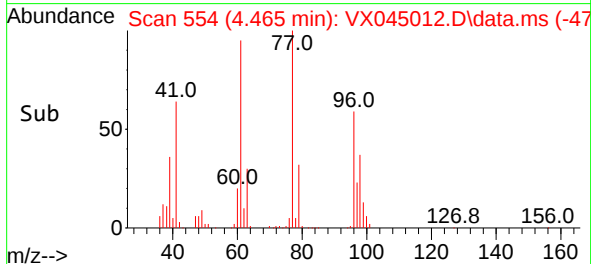
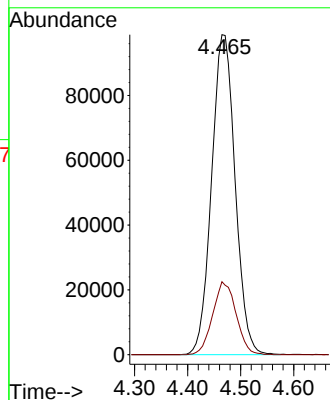
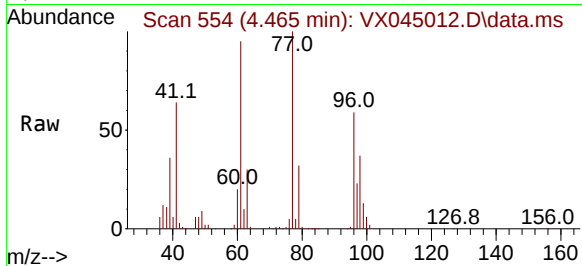




#31
2,2-Dichloropropane
Concen: 160.447 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

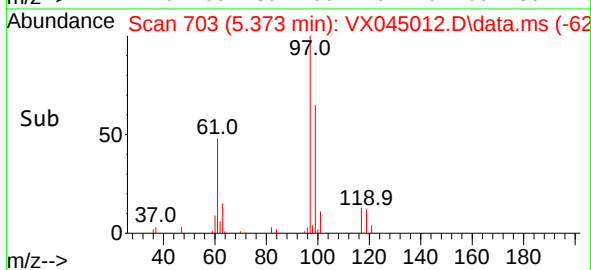
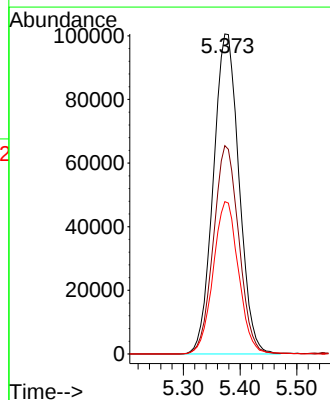
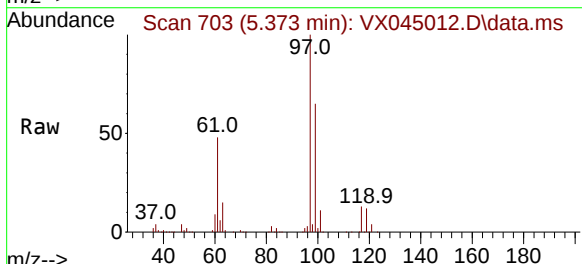
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

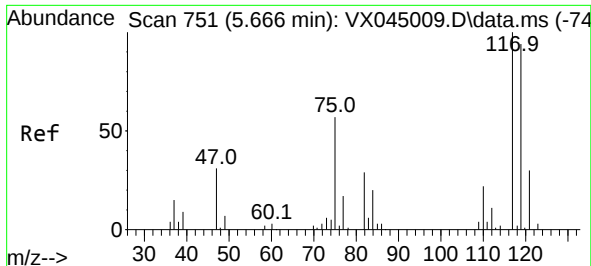
Tgt Ion: 77 Resp: 304225
Ion Ratio Lower Upper
77 100
97 22.7 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 155.824 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 97 Resp: 316595
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 47.2 38.5 57.7

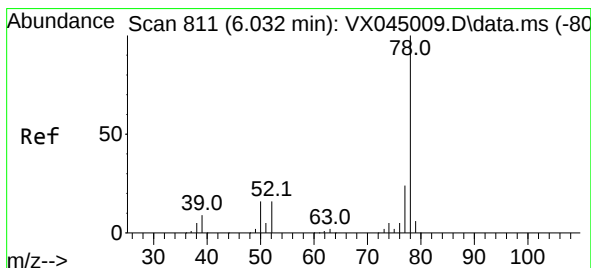
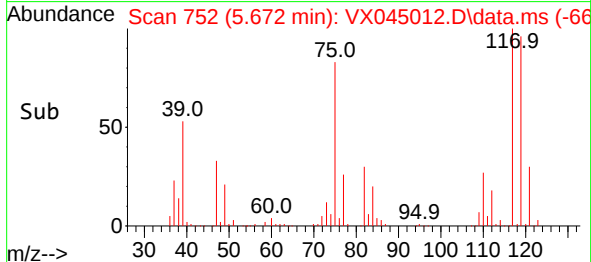
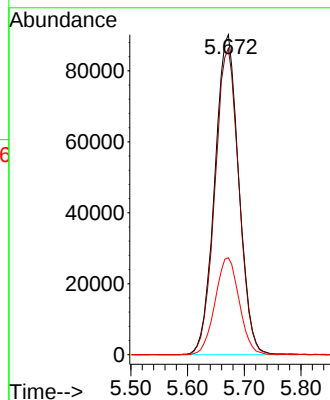
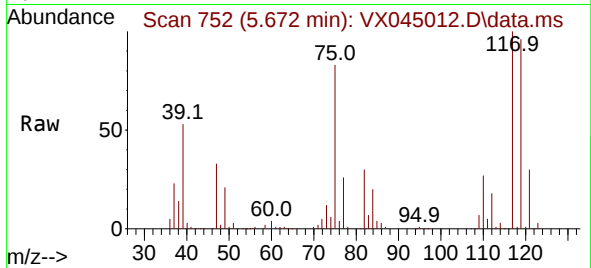




#33
Carbon Tetrachloride
Concen: 154.492 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

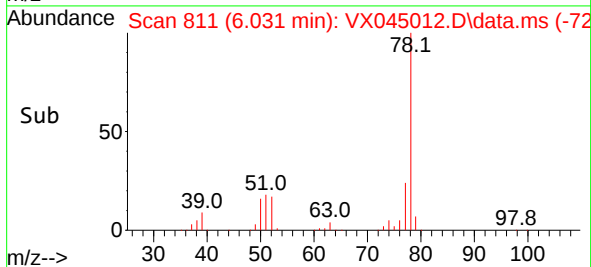
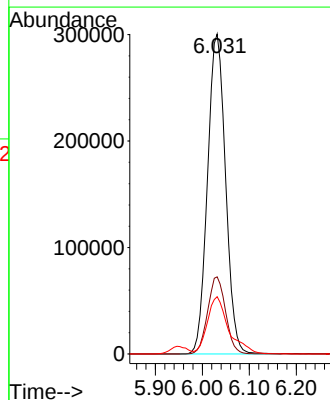
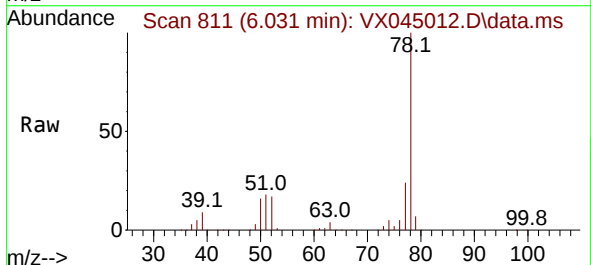
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 264905
Ion Ratio Lower Upper
117 100
119 95.7 75.1 112.7
121 30.3 23.9 35.9



#34
Benzene
Concen: 152.163 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 78 Resp: 800159
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4
51 17.8 13.8 20.6



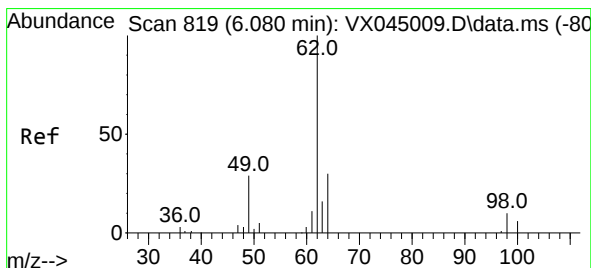
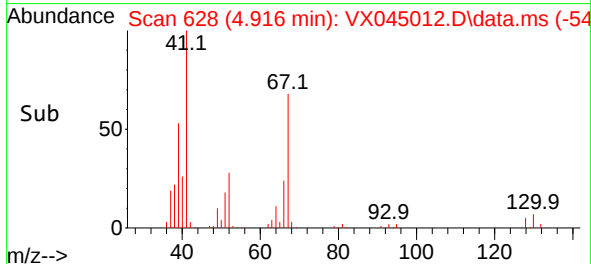
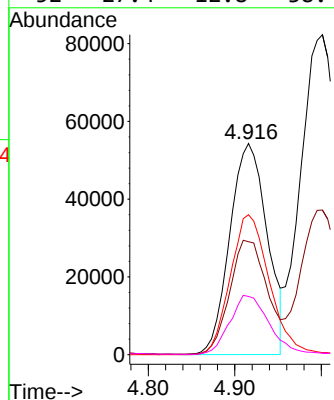
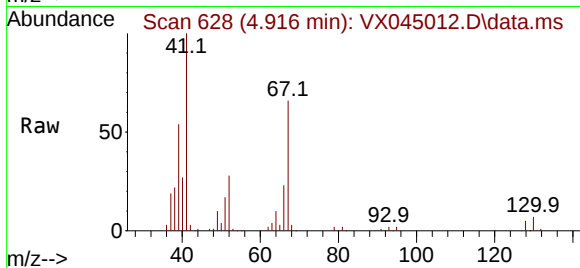


#35
Methacrylonitrile
Concen: 157.037 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 162761

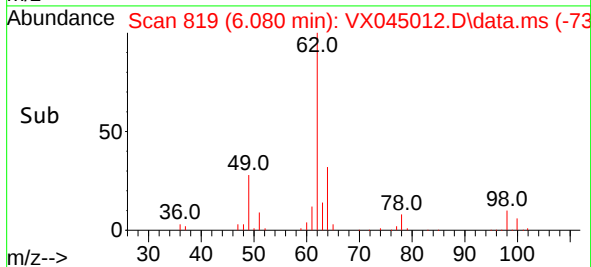
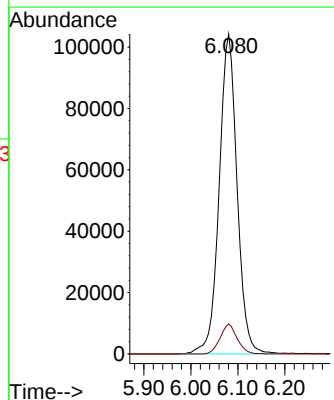
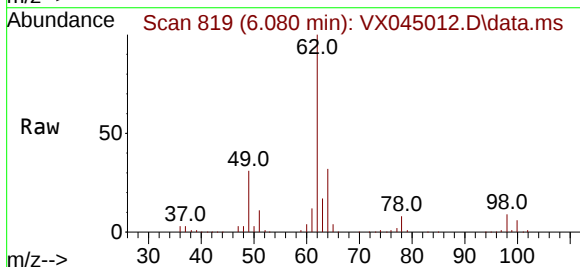
Ion	Ratio	Lower	Upper
41	100		
39	53.3	27.8	83.4
67	66.4	31.5	94.5
52	27.4	12.8	38.4

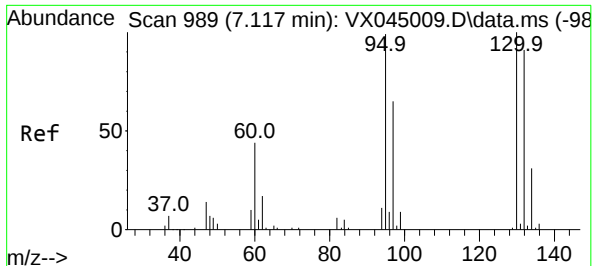


#36
1,2-Dichloroethane
Concen: 153.695 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 62 Resp: 276707

Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.9	11.9





#37

Trichloroethene

Concen: 153.878 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

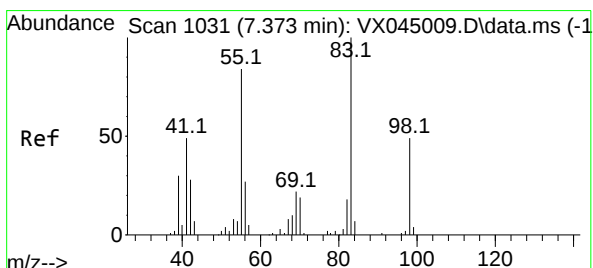
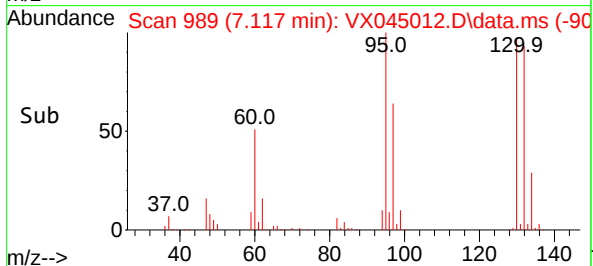
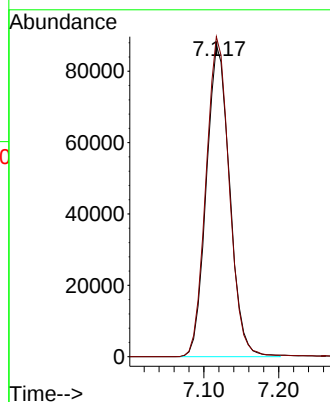
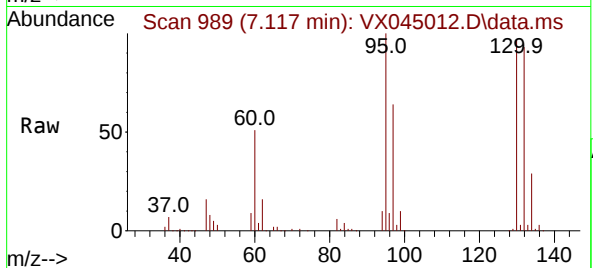
VSTDIC150

Tgt Ion:130 Resp: 189307

Ion Ratio Lower Upper

130 100

95 102.6 79.0 118.4



#38

Methylcyclohexane

Concen: 155.851 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

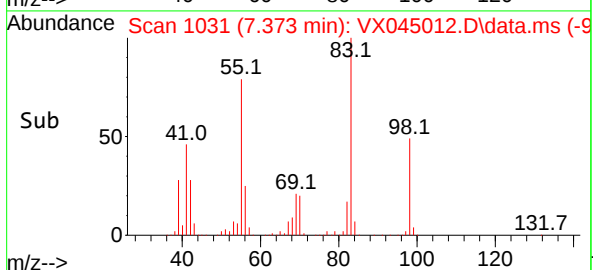
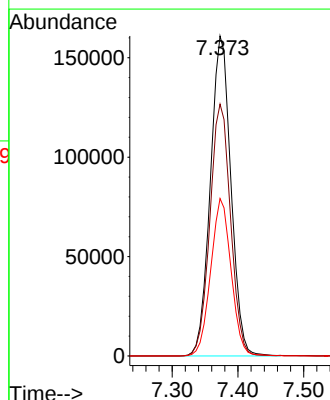
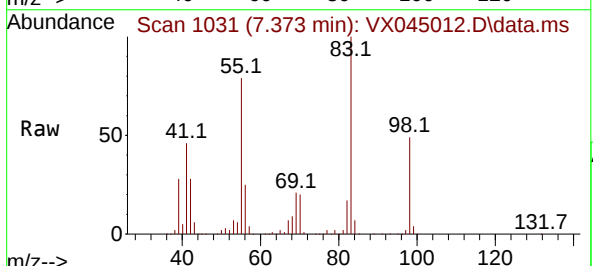
Tgt Ion: 83 Resp: 350907

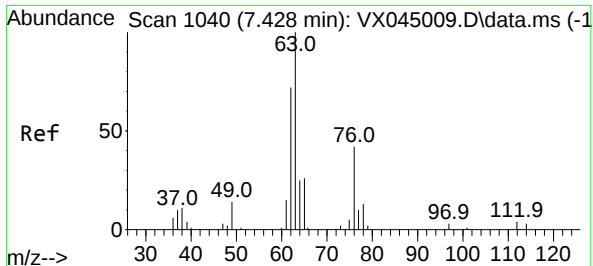
Ion Ratio Lower Upper

83 100

55 79.0 40.6 122.0

98 48.7 24.9 74.6





#39

1,2-Dichloropropane

Concen: 154.621 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

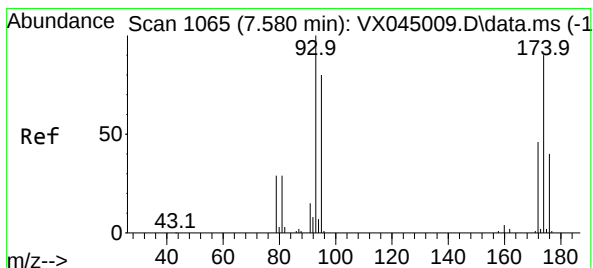
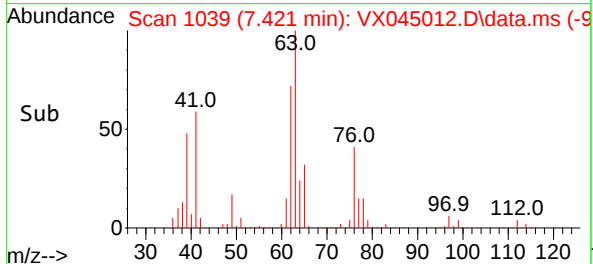
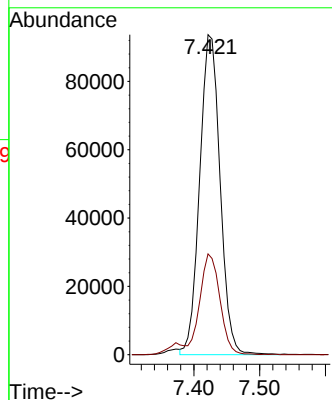
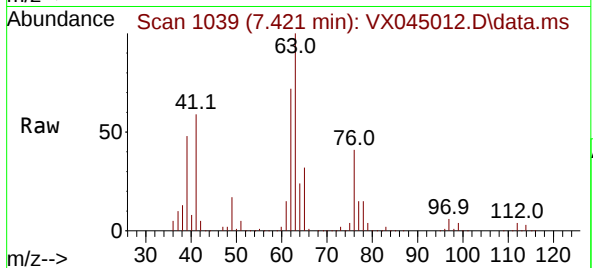
VSTDIC150

Tgt Ion: 63 Resp: 202146

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



#40

Dibromomethane

Concen: 153.109 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

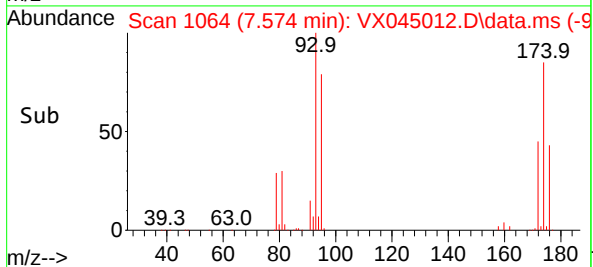
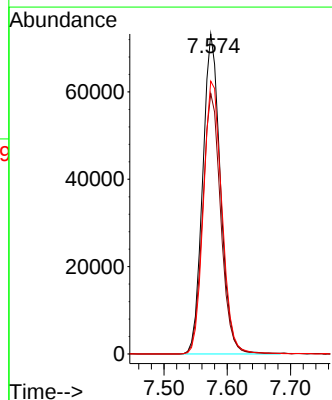
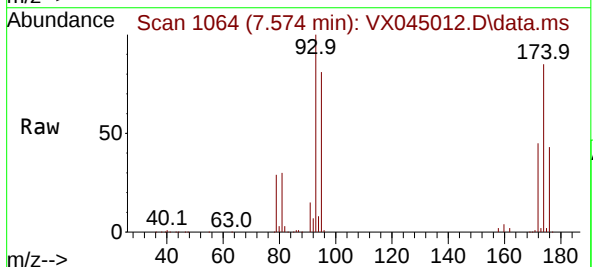
Tgt Ion: 93 Resp: 143641

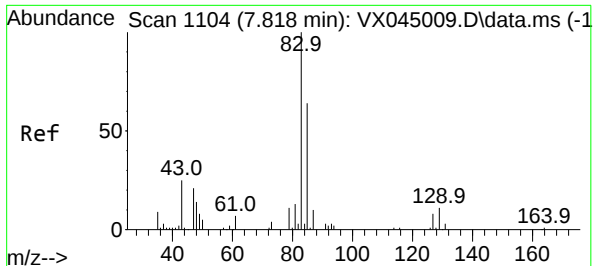
Ion Ratio Lower Upper

93 100

95 82.5 0.0 162.6

174 88.4 0.0 178.8

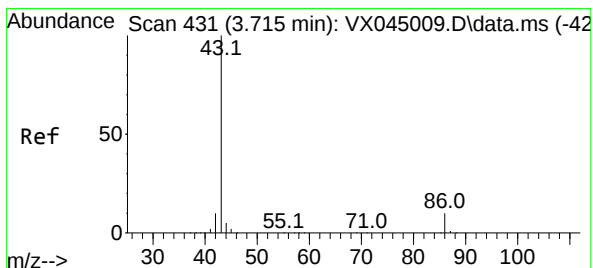
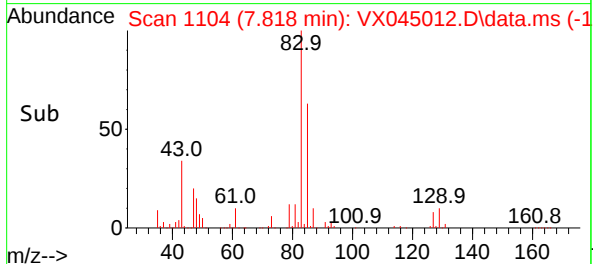
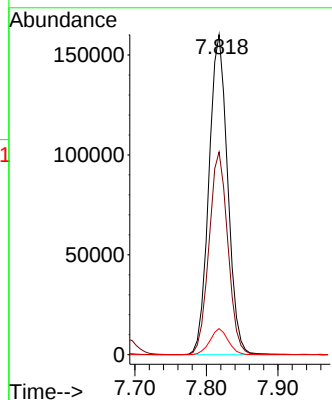
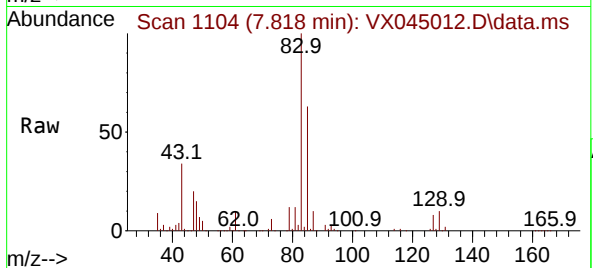




#41
Bromodichloromethane
Concen: 156.122 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

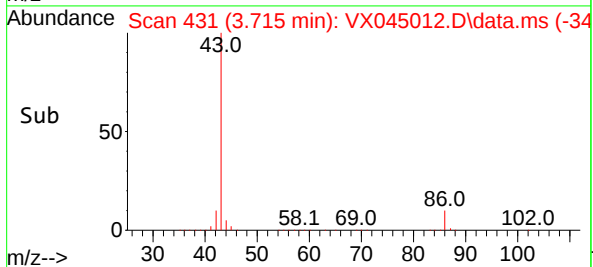
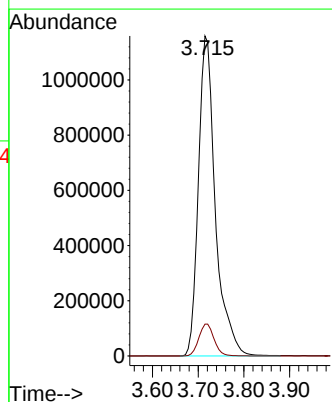
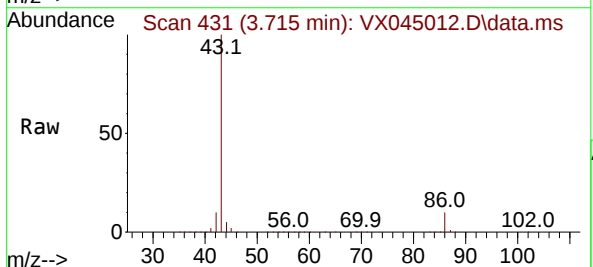
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

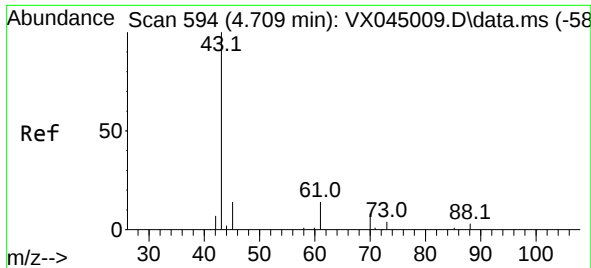
Tgt Ion: 83 Resp: 291108
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 8.2 6.1 9.1



#42
Vinyl Acetate
Concen: 795.020 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 43 Resp: 2988086
Ion Ratio Lower Upper
43 100
86 9.0 7.0 10.4

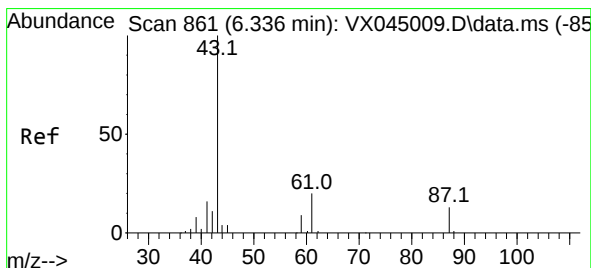
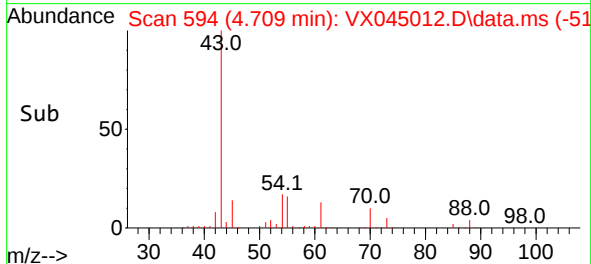
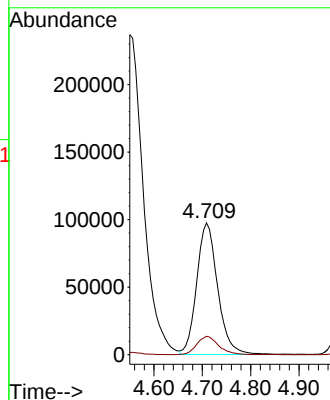
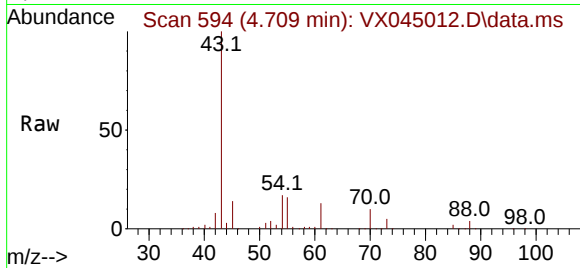




#43
Ethyl Acetate
Concen: 161.195 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

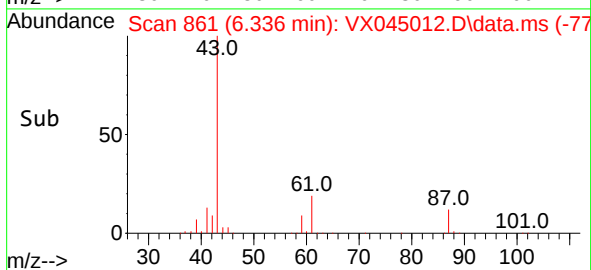
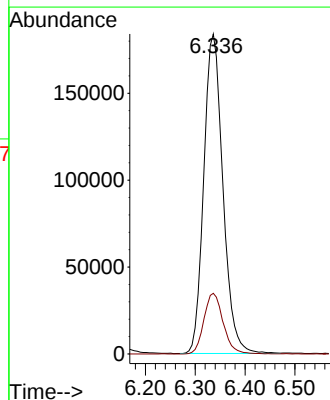
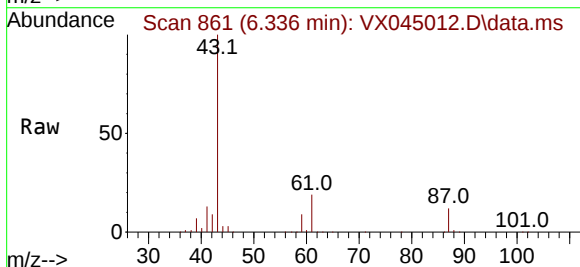
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

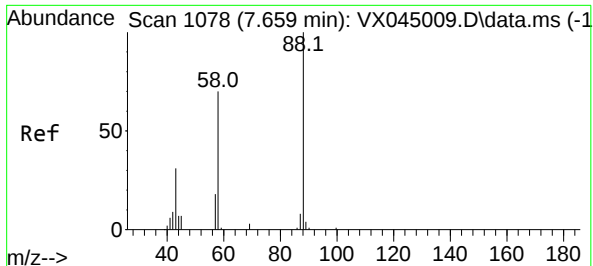
Tgt Ion: 43 Resp: 292788
Ion Ratio Lower Upper
43 100
45 14.6 12.7 19.1



#44
Isopropyl Acetate
Concen: 163.920 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 43 Resp: 490033
Ion Ratio Lower Upper
43 100
61 19.1 15.5 23.3

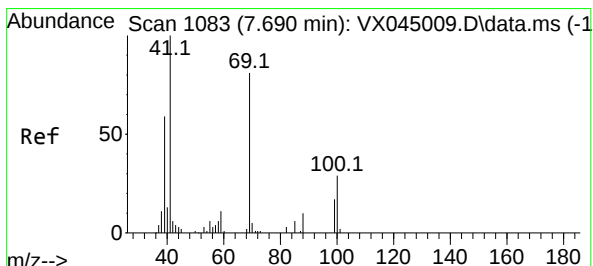
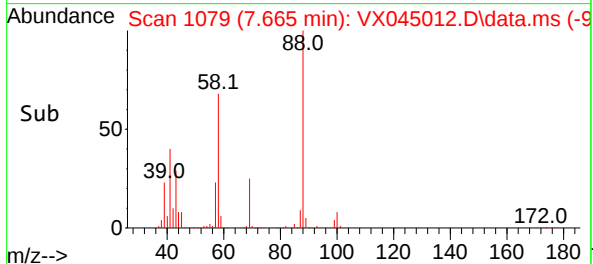
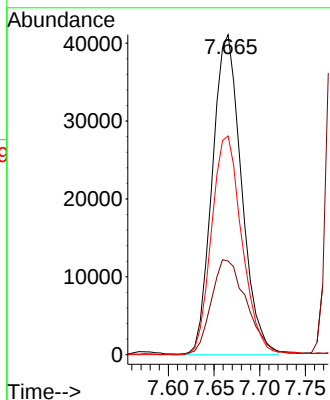
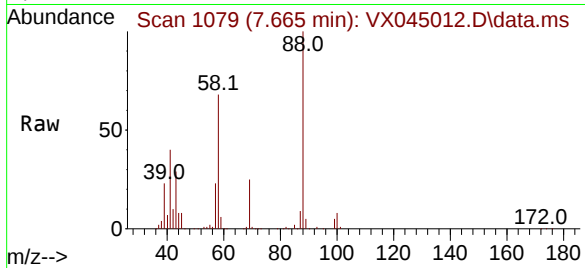




#45
1,4-Dioxane
Concen: 2937.775 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

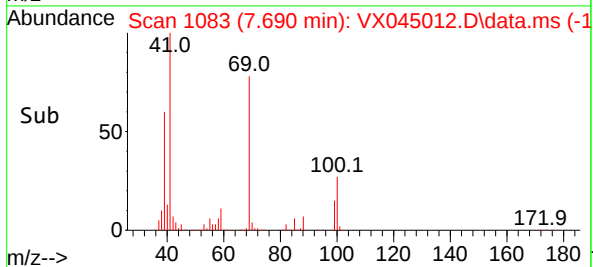
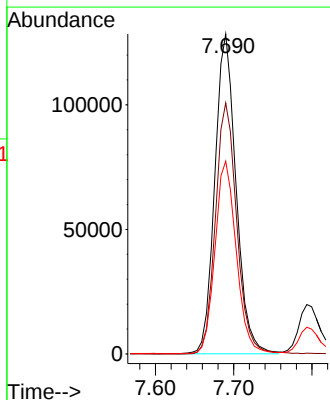
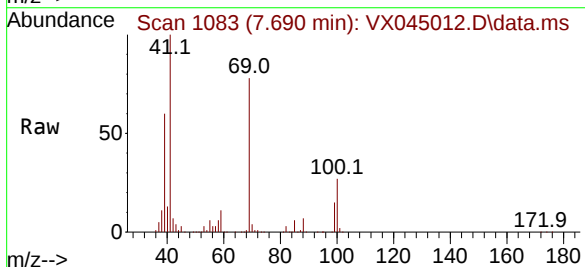
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

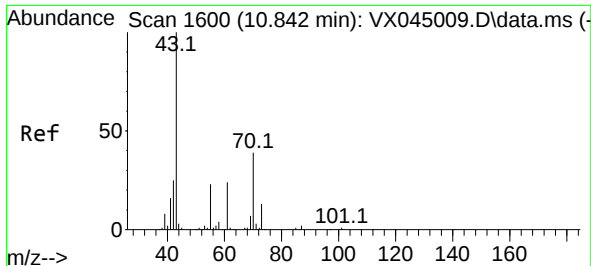
Tgt Ion: 88 Resp: 91297
Ion Ratio Lower Upper
88 100
43 35.3 29.6 44.4
58 71.1 56.2 84.4



#46
Methyl methacrylate
Concen: 164.798 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 41 Resp: 241575
Ion Ratio Lower Upper
41 100
69 78.5 40.7 122.1
39 60.2 29.5 88.5

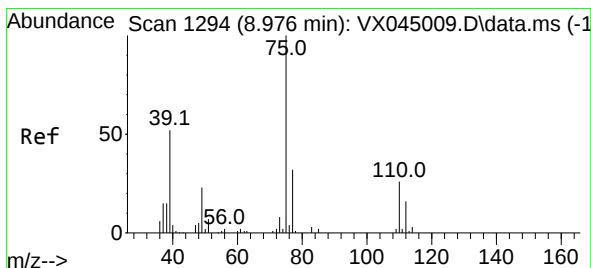
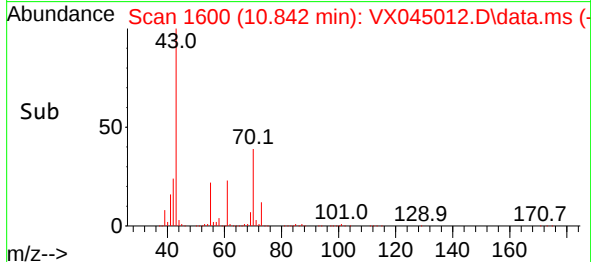
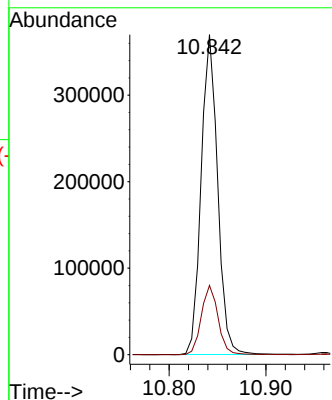
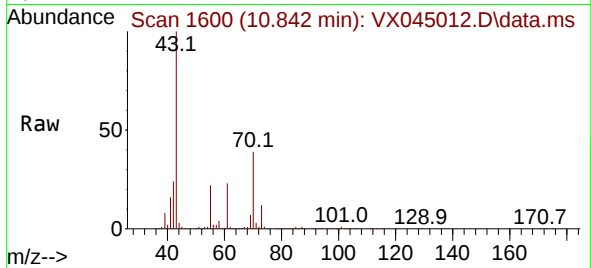




#47
n-amyl acetate
Concen: 168.943 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

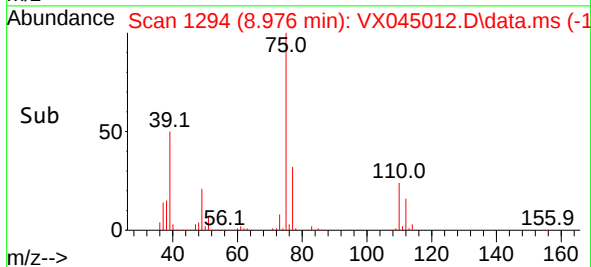
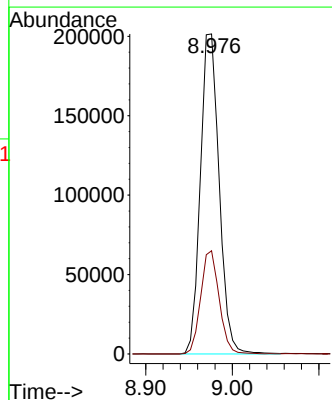
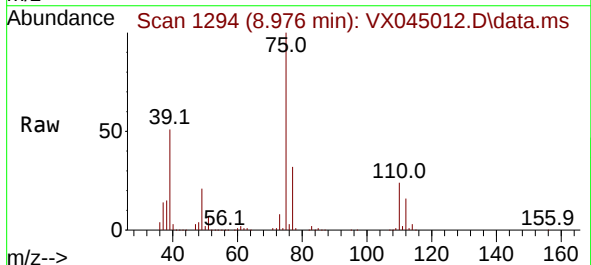
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

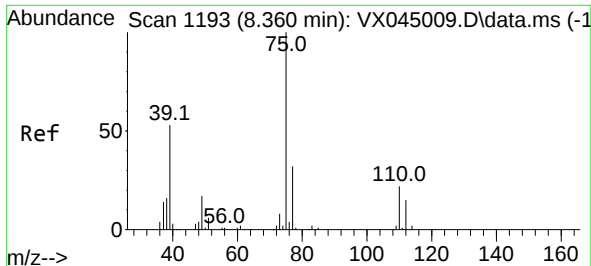
Tgt Ion: 43 Resp: 438261
Ion Ratio Lower Upper
43 100
55 22.0 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 169.001 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 75 Resp: 303740
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 162.750 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

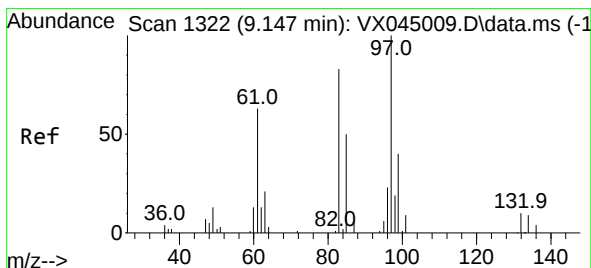
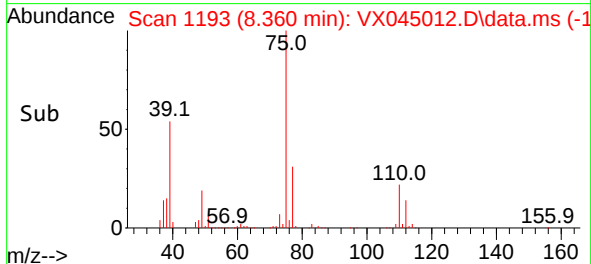
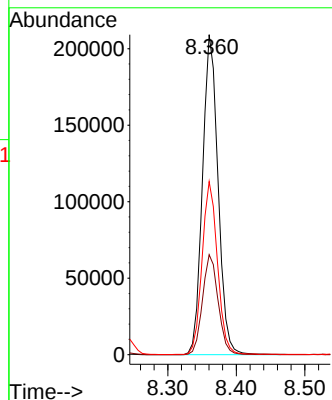
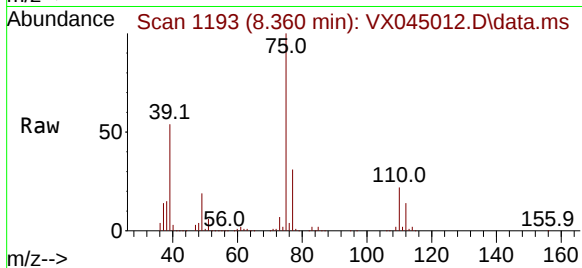
Tgt Ion: 75 Resp: 331118

Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9

39 54.0 42.3 63.5



#50

1,1,2-Trichloroethane

Concen: 149.917 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Tgt Ion: 97 Resp: 183455

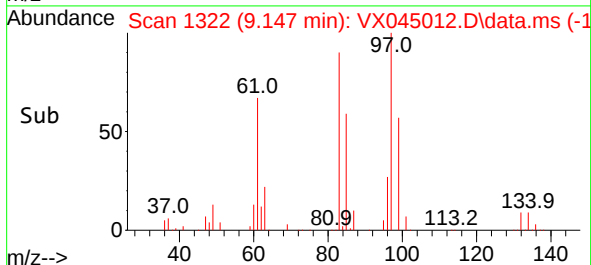
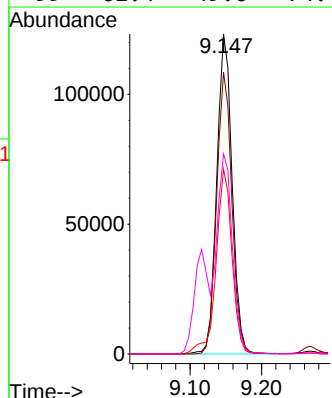
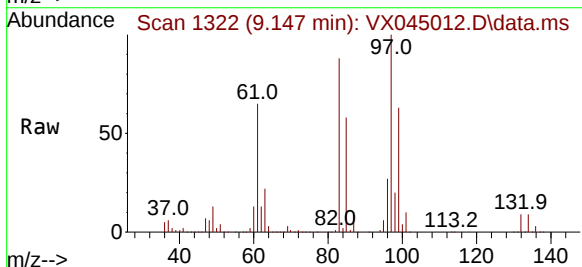
Ion Ratio Lower Upper

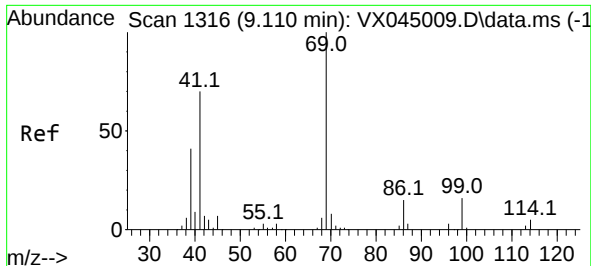
97 100

83 88.1 66.0 99.0

85 57.8 42.5 63.7

99 62.4 49.6 74.4

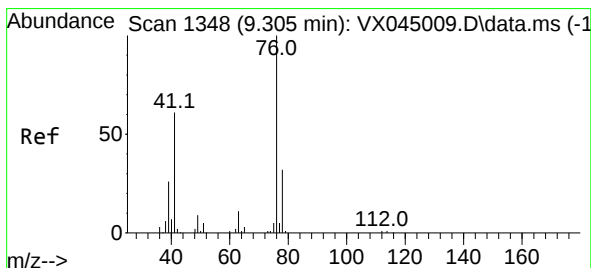
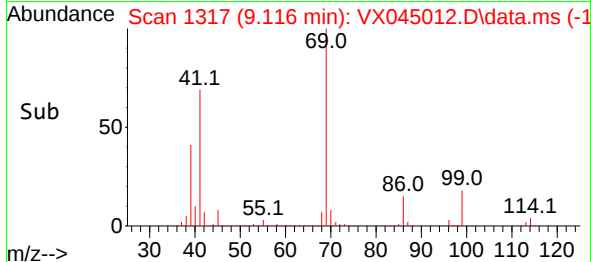
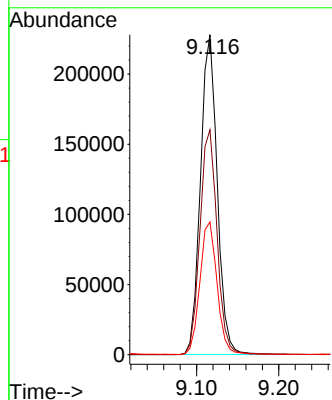
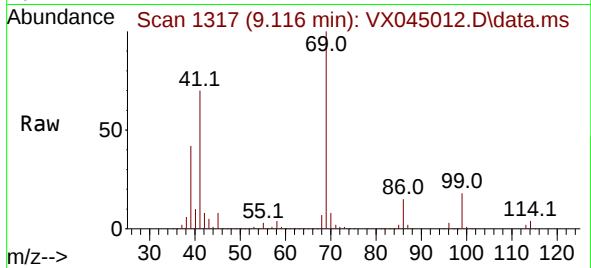




#51
Ethyl methacrylate
Concen: 167.857 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

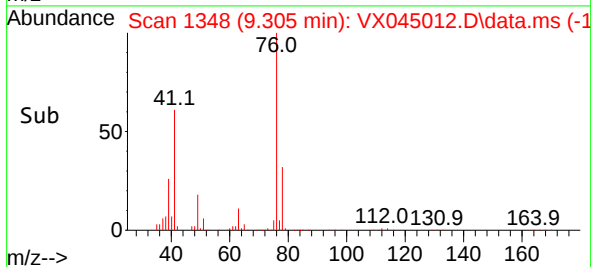
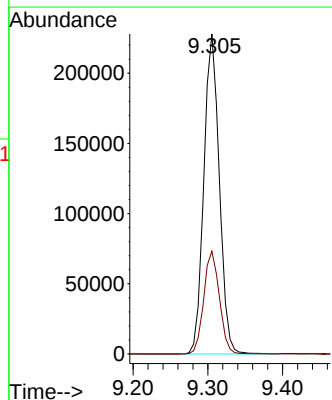
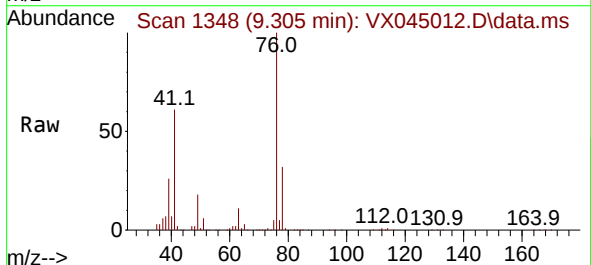
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

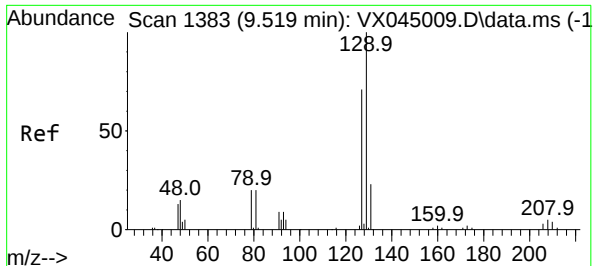
Tgt Ion: 69 Resp: 323054
Ion Ratio Lower Upper
69 100
41 70.2 35.1 105.3
39 41.5 20.5 61.6



#52
1,3-Dichloropropane
Concen: 152.762 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 76 Resp: 327551
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.6

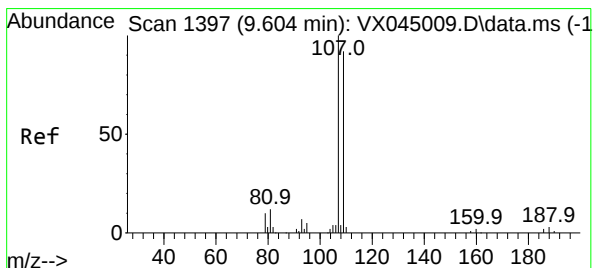
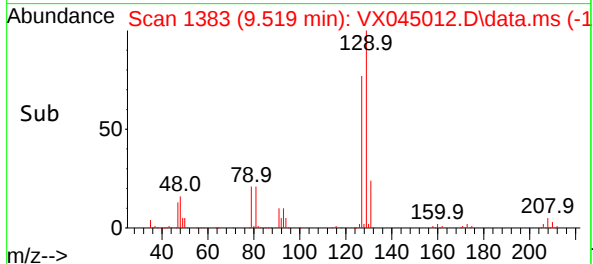
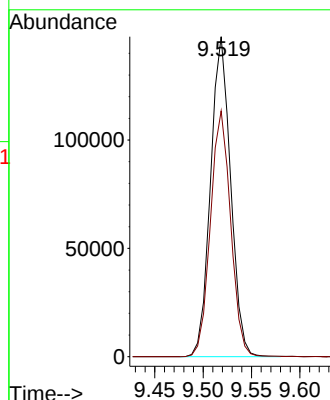
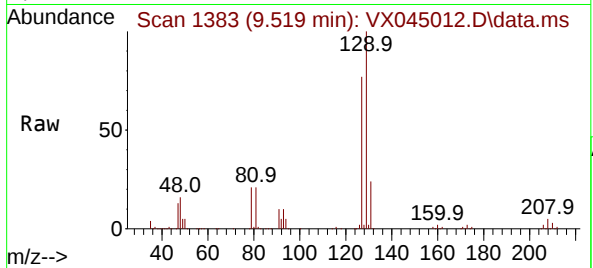




#53
Dibromochloromethane
Concen: 157.620 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

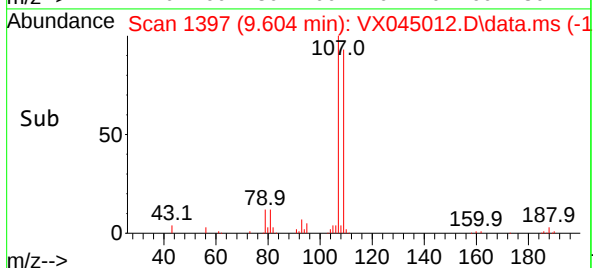
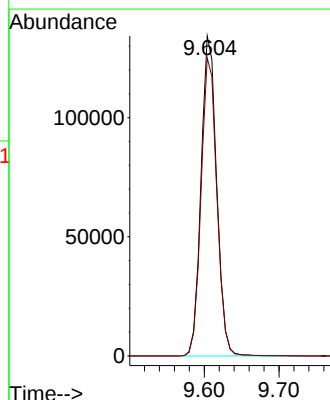
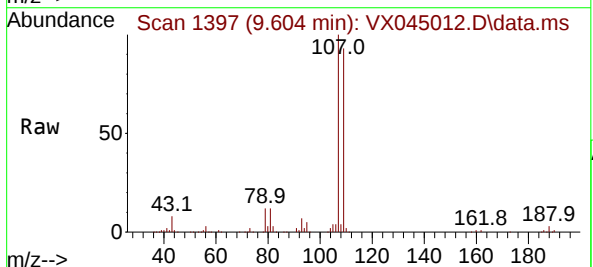
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

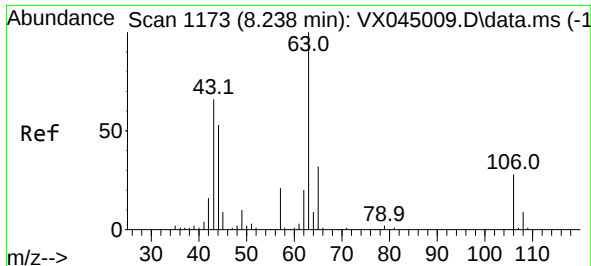
Tgt Ion:129 Resp: 213326
Ion Ratio Lower Upper
129 100
127 77.2 37.3 111.9



#54
1,2-Dibromoethane
Concen: 156.632 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion:107 Resp: 194634
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 798.256 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

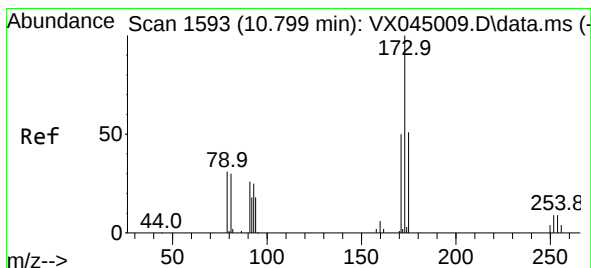
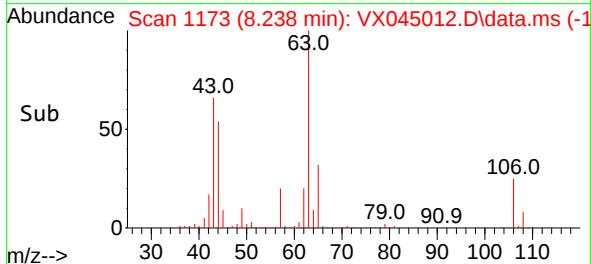
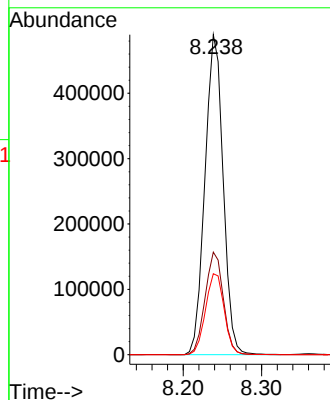
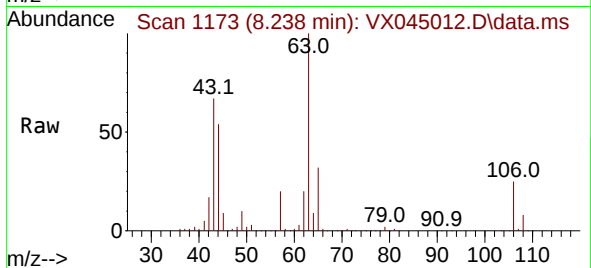
Tgt Ion: 63 Resp: 788934

Ion Ratio Lower Upper

63 100

65 32.1 26.2 39.2

106 26.0 21.2 31.8



#56

Bromoform

Concen: 165.340 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

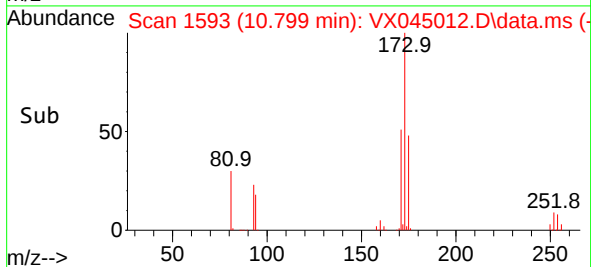
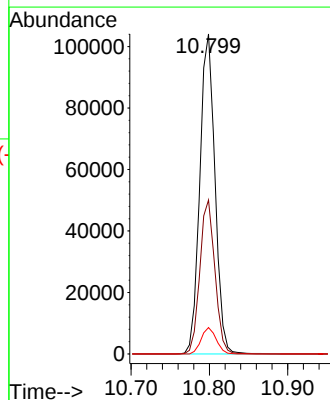
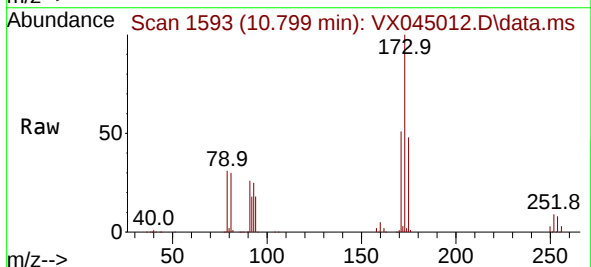
Tgt Ion:173 Resp: 140224

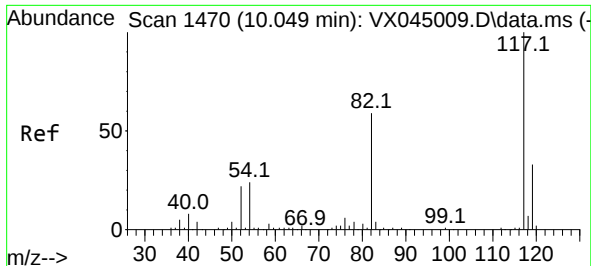
Ion Ratio Lower Upper

173 100

175 47.7 39.6 59.4

254 8.2 6.3 9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

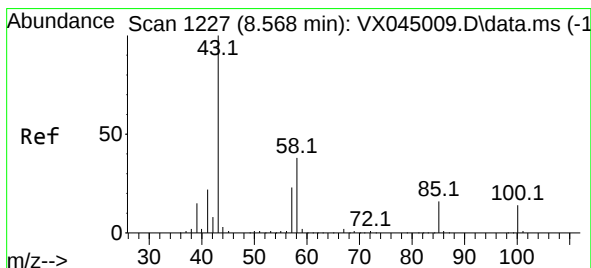
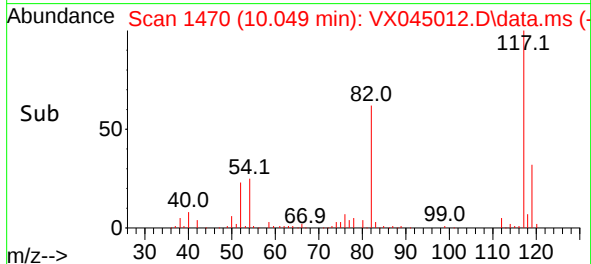
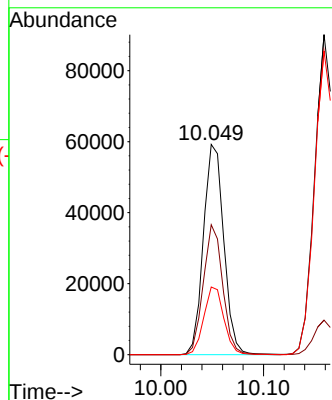
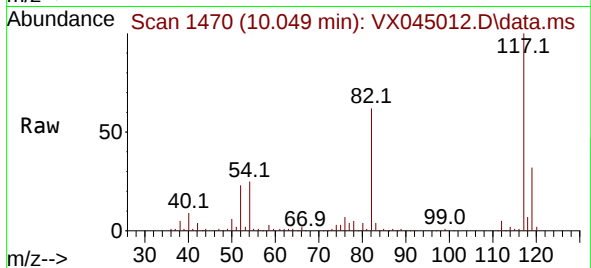
Tgt Ion:117 Resp: 81702

Ion Ratio Lower Upper

117 100

82 59.0 45.8 68.8

119 31.7 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 770.025 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

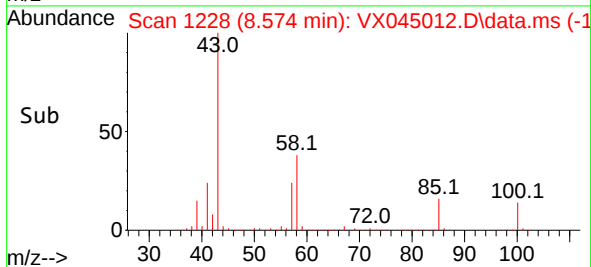
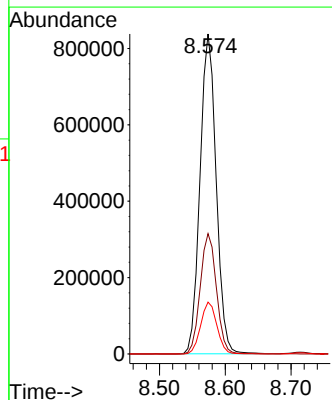
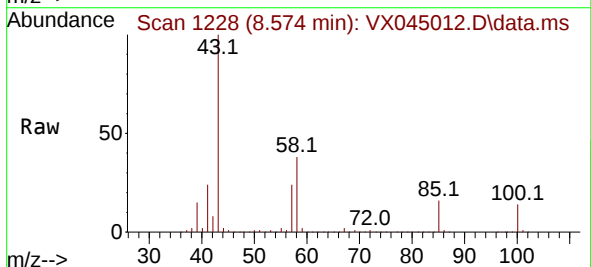
Tgt Ion: 43 Resp: 1431130

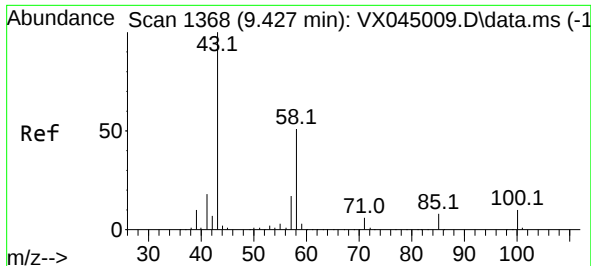
Ion Ratio Lower Upper

43 100

58 37.6 29.5 44.3

85 16.3 12.9 19.3





#59

2-Hexanone

Concen: 784.964 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

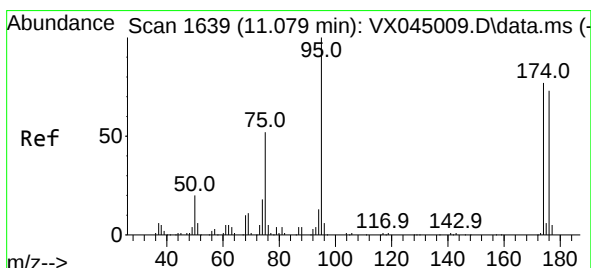
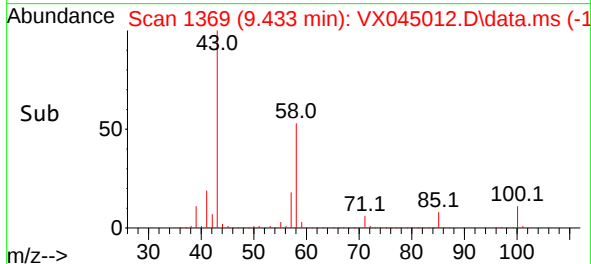
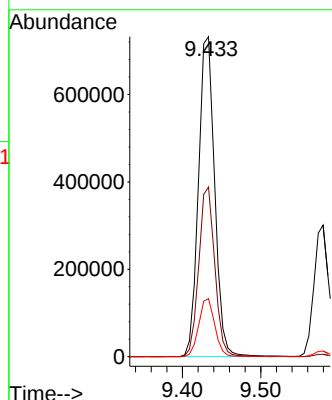
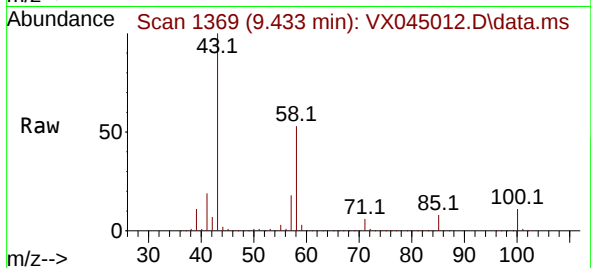
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1054503

Ion	Ratio	Lower	Upper
43	100		
58	52.4	41.6	62.4
57	18.0	13.8	20.6



#60

4-Bromofluorobenzene

Concen: 30.907 ug/l

RT: 11.079 min Scan# 1639

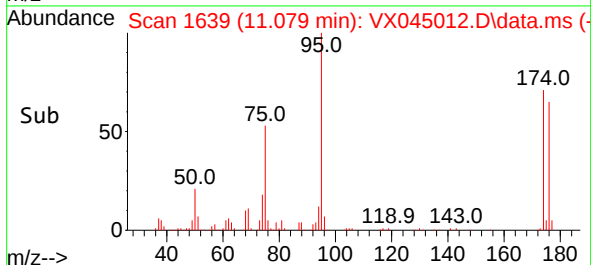
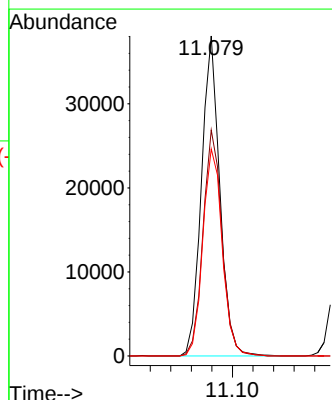
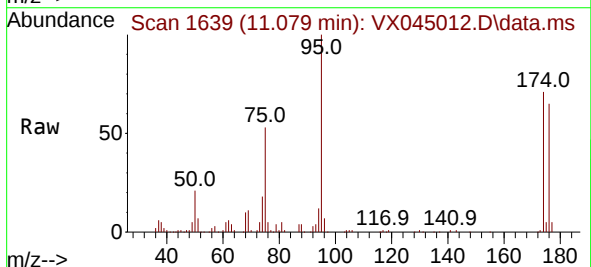
Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Tgt Ion: 95 Resp: 47199

Ion	Ratio	Lower	Upper
95	100		
174	73.3	59.5	89.3
176	68.6	55.5	83.3

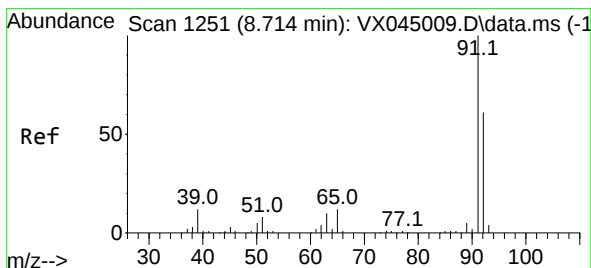
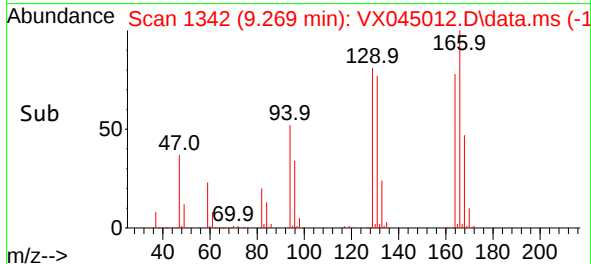
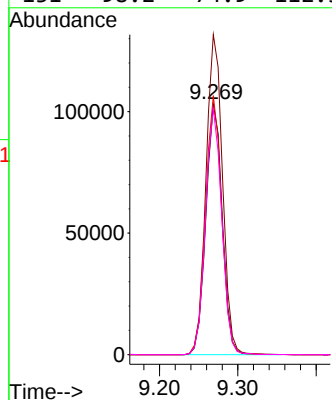
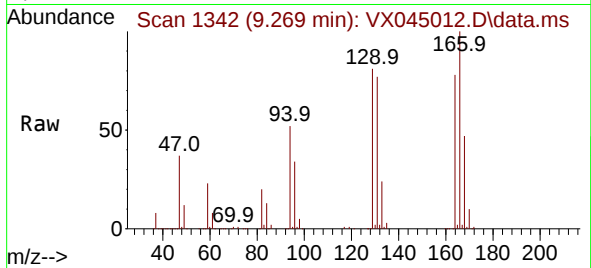




#61
Tetrachloroethene
Concen: 148.903 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

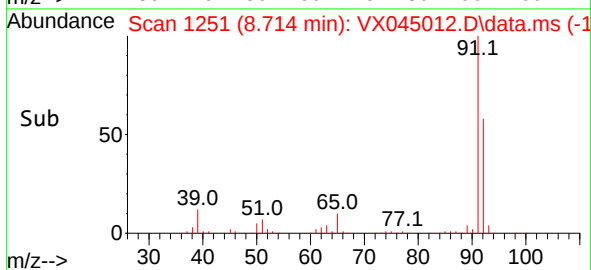
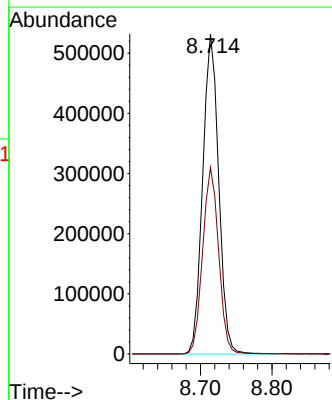
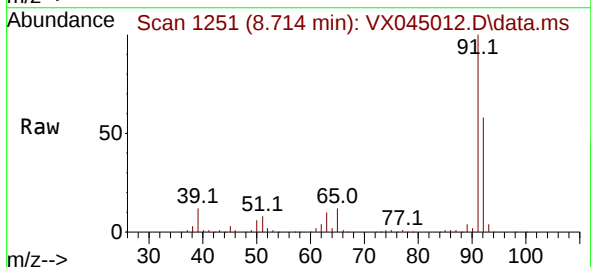
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

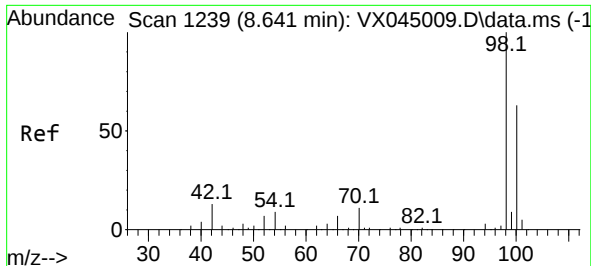
Tgt Ion:164 Resp: 149808
Ion Ratio Lower Upper
164 100
166 127.7 100.3 150.5
129 103.4 75.5 113.3
131 98.2 74.9 112.3



#62
Toluene
Concen: 152.359 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 91 Resp: 824606
Ion Ratio Lower Upper
91 100
92 58.3 46.9 70.3

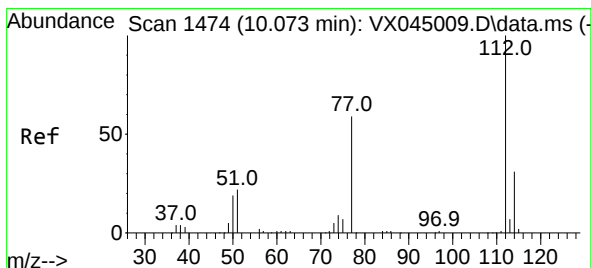
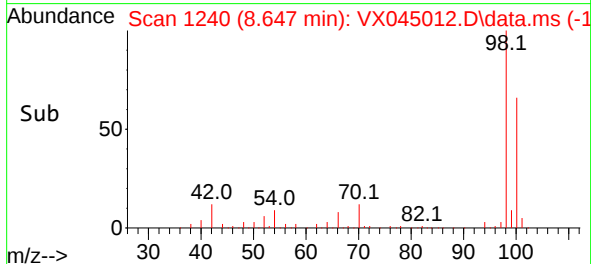
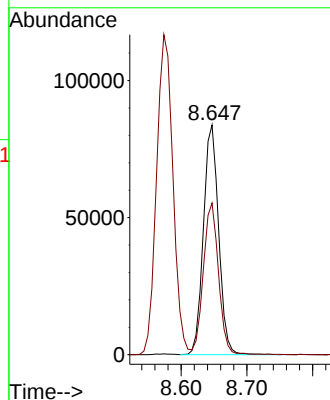
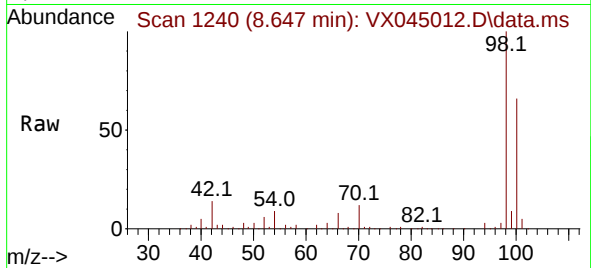




#63
Toluene-d8
Concen: 29.835 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

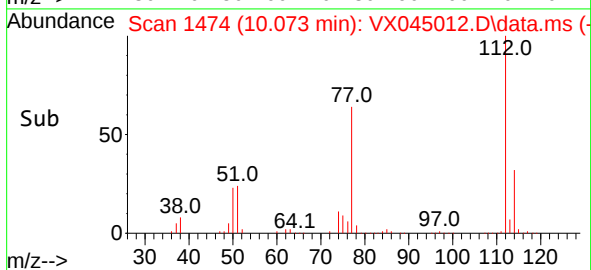
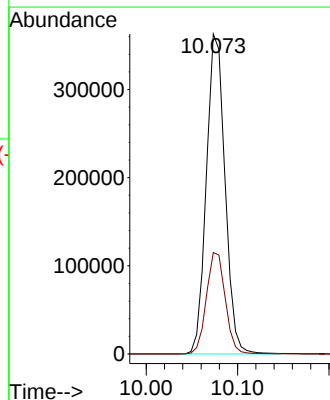
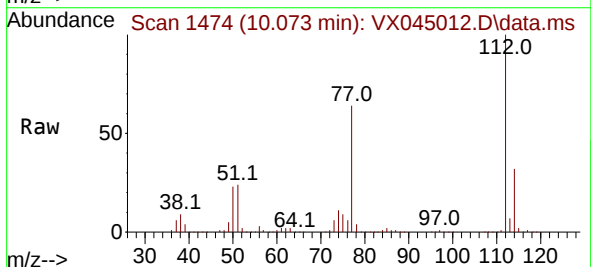
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

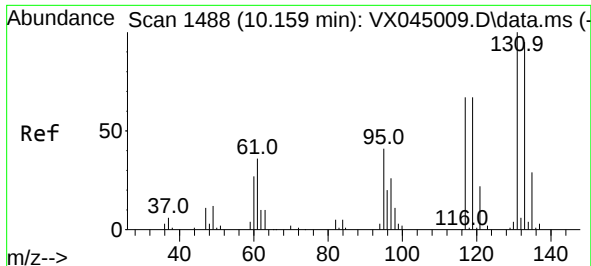
Tgt Ion: 98 Resp: 134852
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#64
Chlorobenzene
Concen: 153.126 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 112 Resp: 513552
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

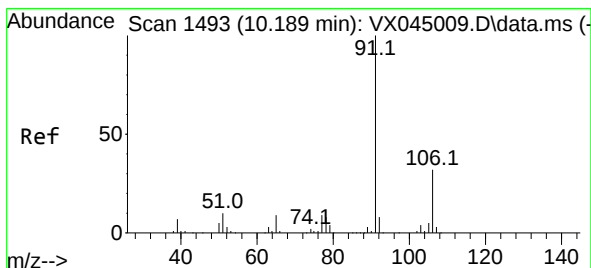
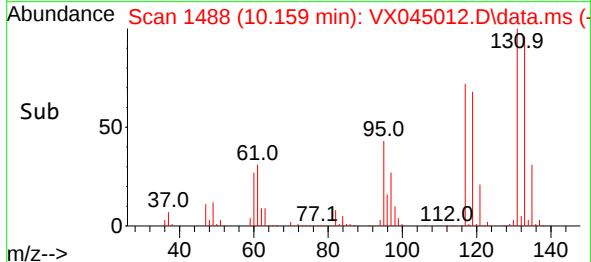
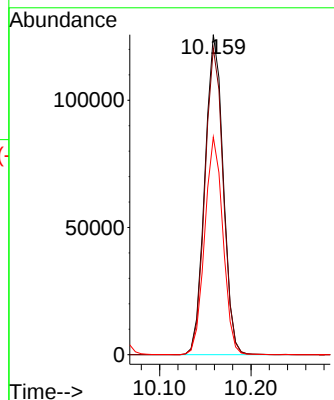
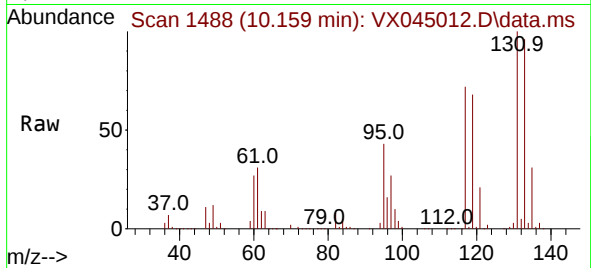




#65
1,1,1,2-Tetrachloroethane
Concen: 158.260 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

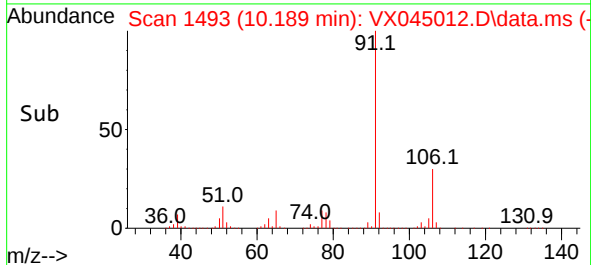
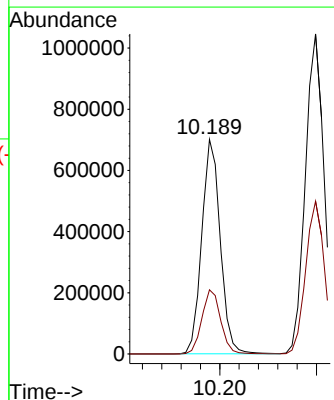
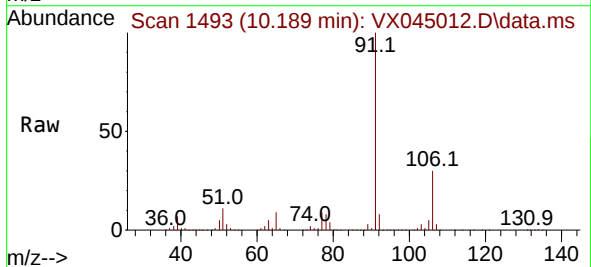
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

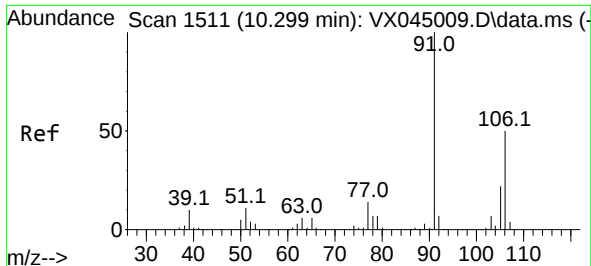
Tgt Ion:131 Resp: 175139
Ion Ratio Lower Upper
131 100
133 95.6 0.0 187.8
119 67.4 0.0 133.0



#66
Ethyl Benzene
Concen: 157.604 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 91 Resp: 933862
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2





#67

m/p-Xylenes

Concen: 307.573 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

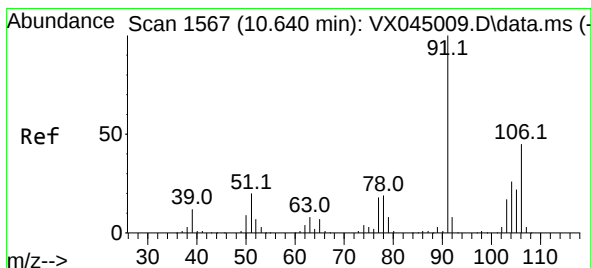
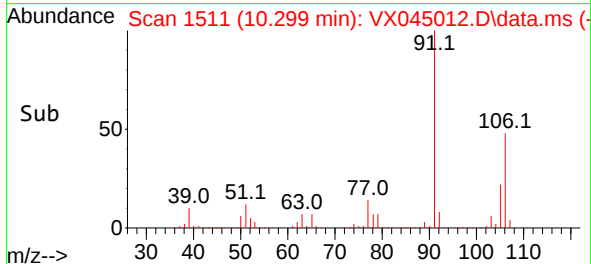
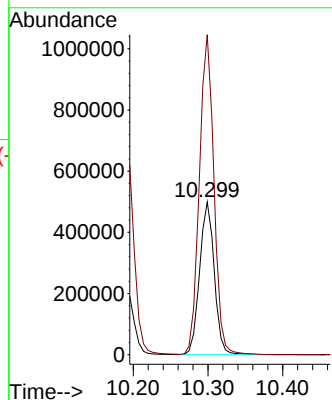
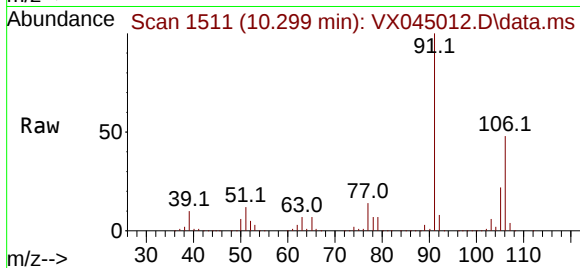
VSTDIC150

Tgt Ion:106 Resp: 679028

Ion Ratio Lower Upper

106 100

91 208.5 163.7 245.5



#68

o-Xylene

Concen: 153.922 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045012.D

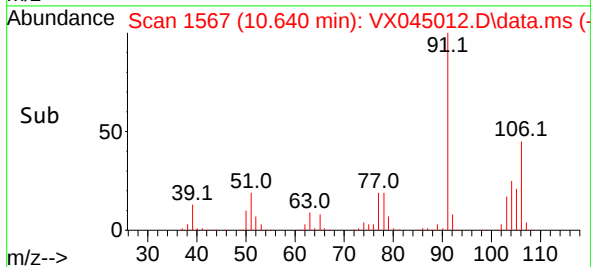
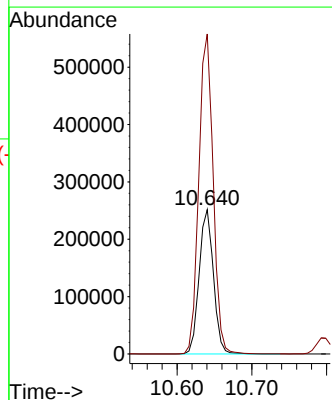
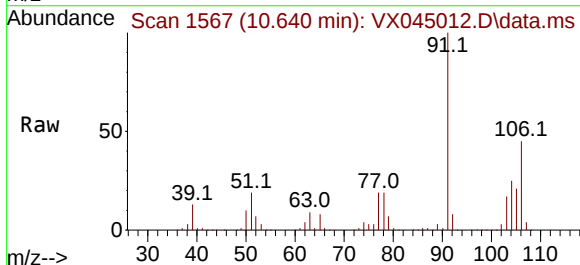
Acq: 21 Feb 2025 11:29

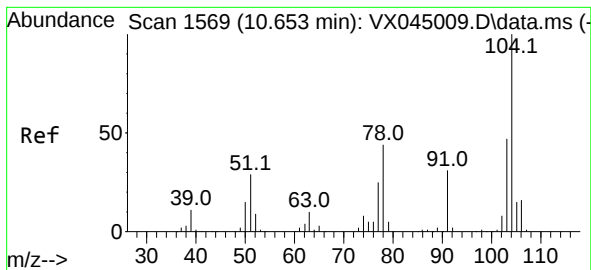
Tgt Ion:106 Resp: 333410

Ion Ratio Lower Upper

106 100

91 222.3 109.7 329.1





#69

Styrene

Concen: 156.470 ug/l

RT: 10.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

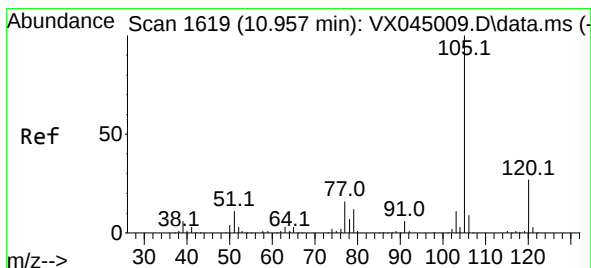
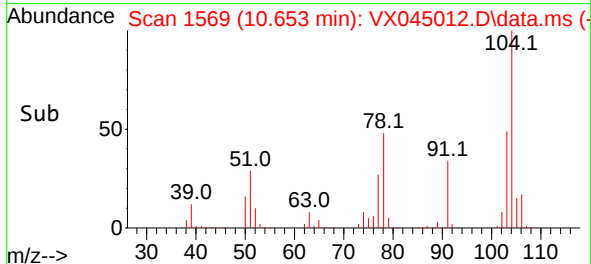
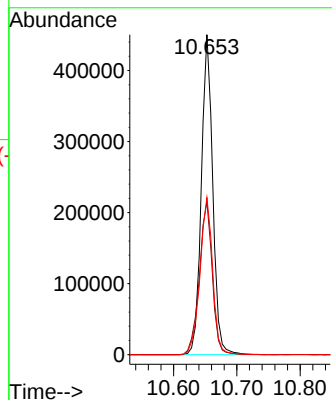
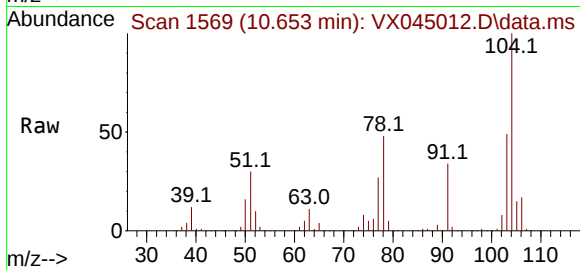
Tgt Ion:104 Resp: 566072

Ion Ratio Lower Upper

104 100

78 54.2 41.4 62.0

103 54.8 43.0 64.4



#70

Isopropylbenzene

Concen: 155.350 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX045012.D

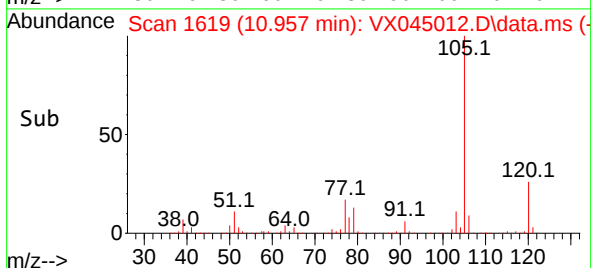
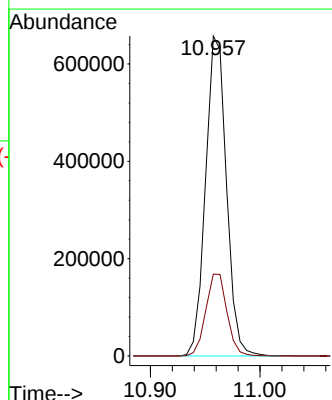
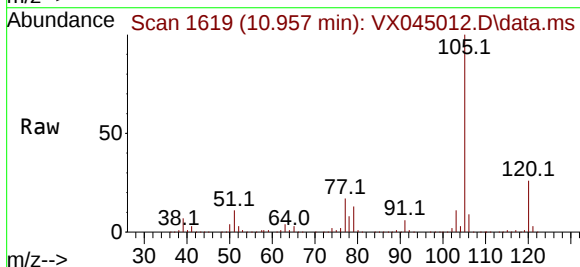
Acq: 21 Feb 2025 11:29

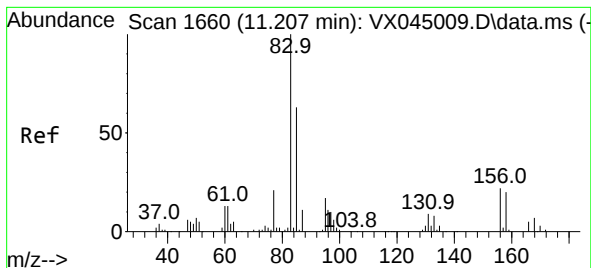
Tgt Ion:105 Resp: 868382

Ion Ratio Lower Upper

105 100

120 26.1 18.4 34.2

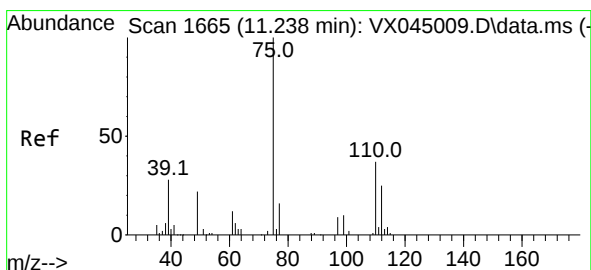
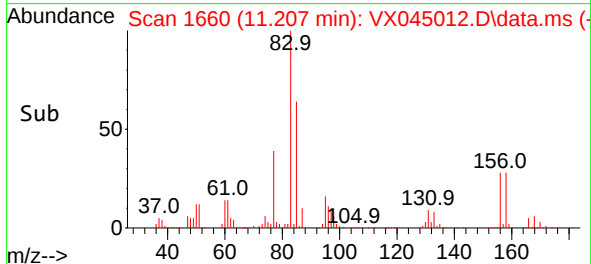
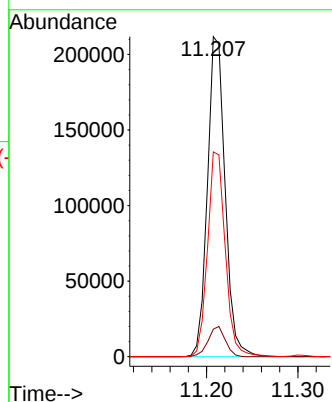
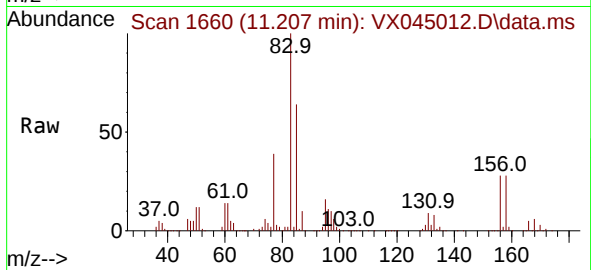




#71
1,1,2,2-Tetrachloroethane
Concen: 154.359 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

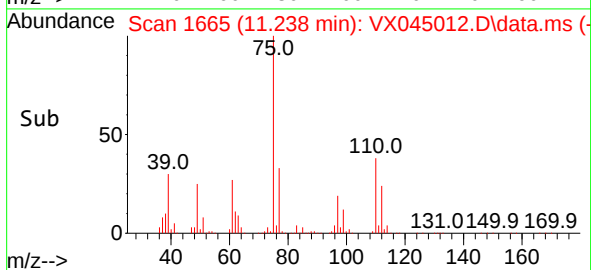
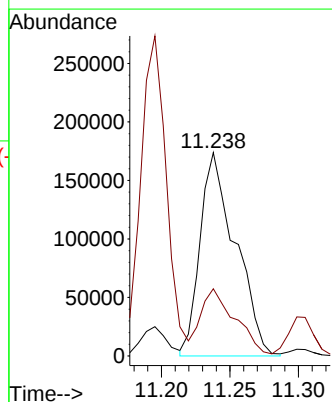
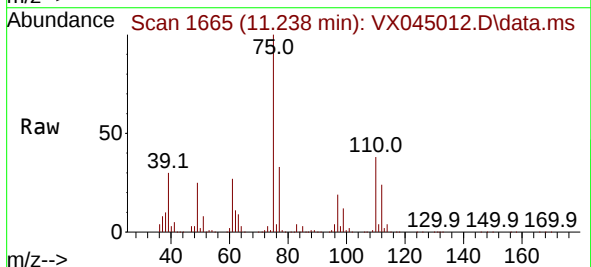
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

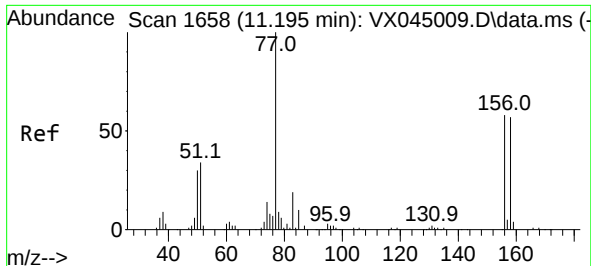
Tgt Ion: 83 Resp: 283733
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.2 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 206.904 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 75 Resp: 312809
Ion Ratio Lower Upper
75 100
77 32.5 0.0 84.0

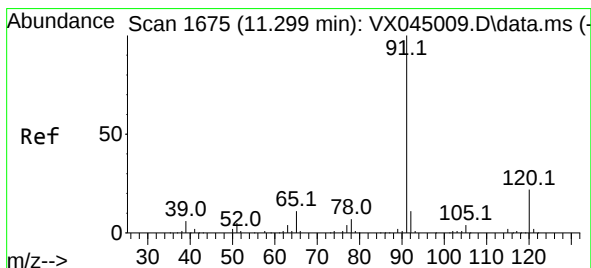
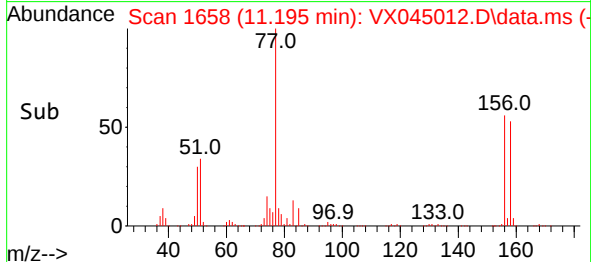
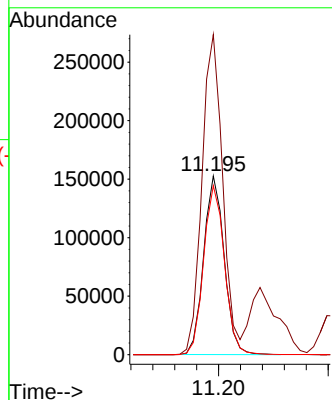
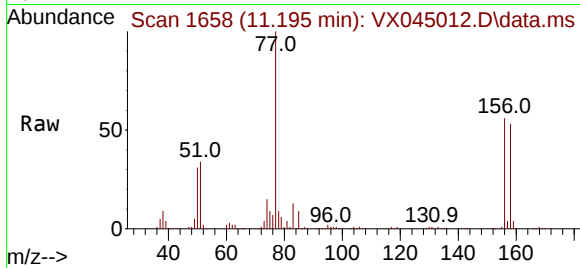




#73
Bromobenzene
Concen: 154.147 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

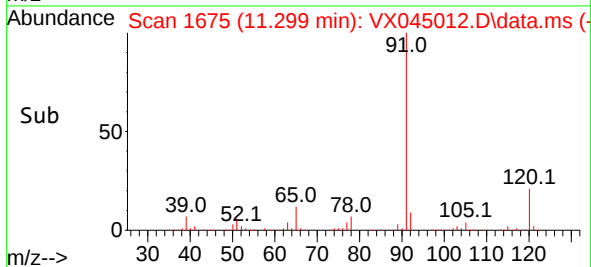
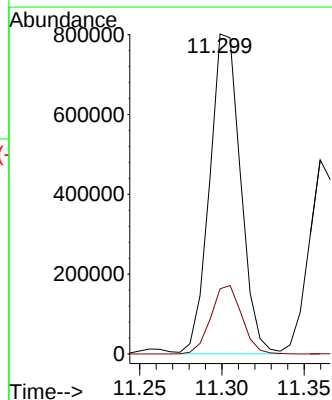
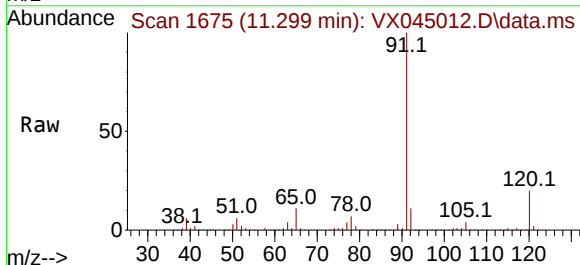
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

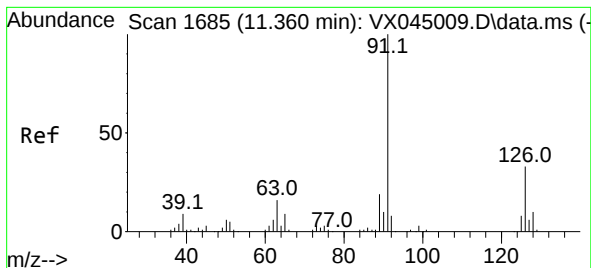
Tgt Ion:156 Resp: 198360
Ion Ratio Lower Upper
156 100
77 180.7 0.0 347.2
158 96.4 0.0 197.6



#74
n-propylbenzene
Concen: 157.793 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 91 Resp: 1049645
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.2

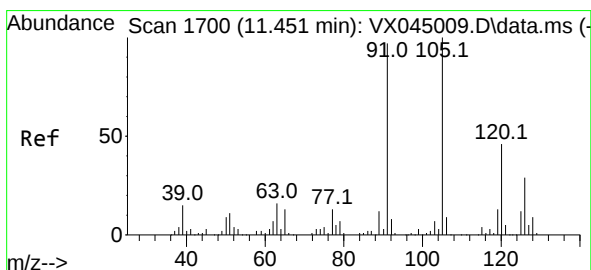
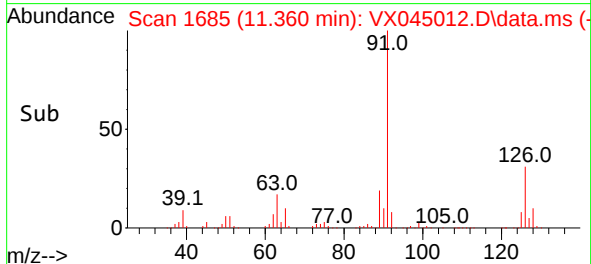
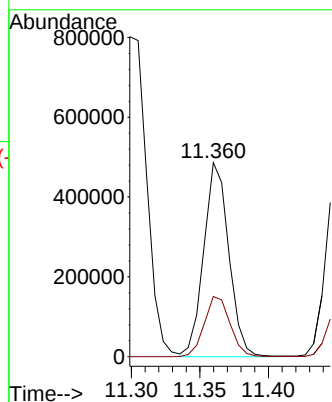
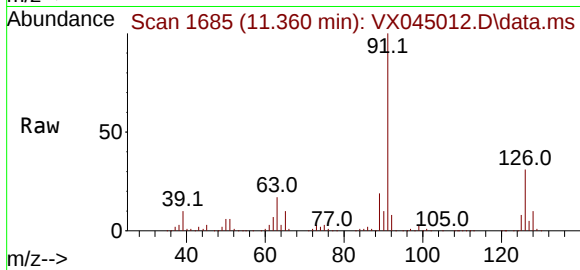




#75
2-Chlorotoluene
Concen: 153.997 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

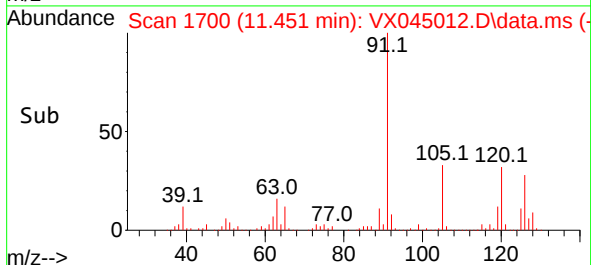
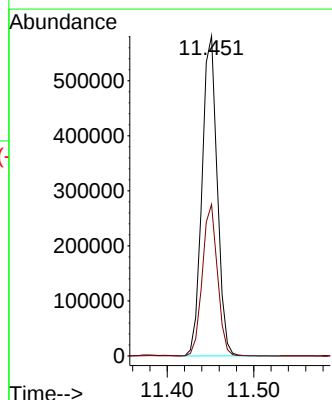
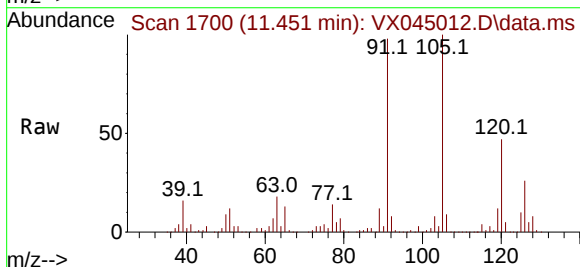
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

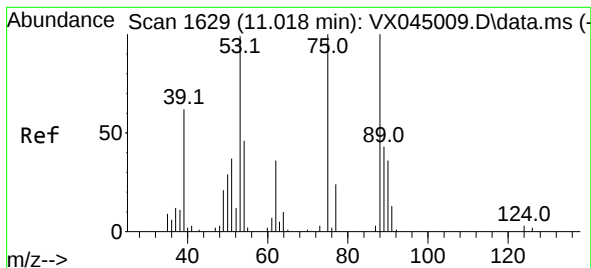
Tgt Ion: 91 Resp: 619308
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 153.508 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 105 Resp: 707908
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4

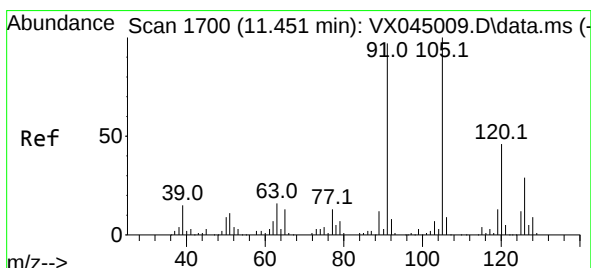
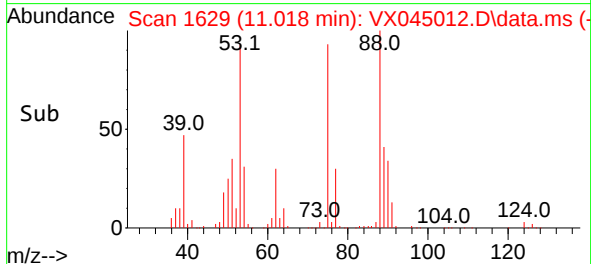
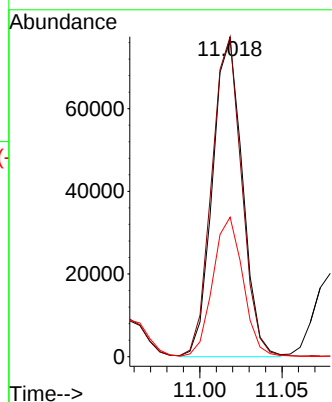
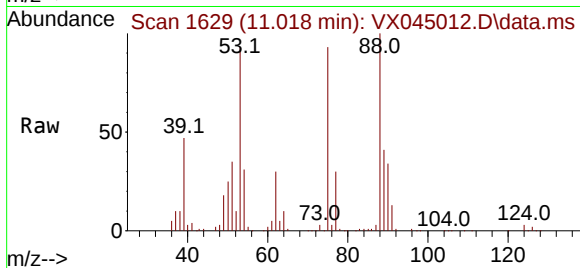




#77
t-1,4-Dichloro-2-butene
Concen: 191.694 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

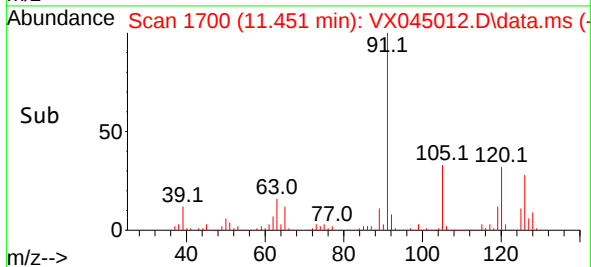
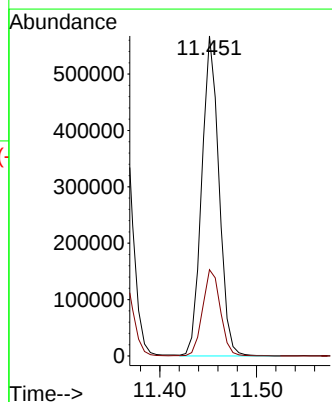
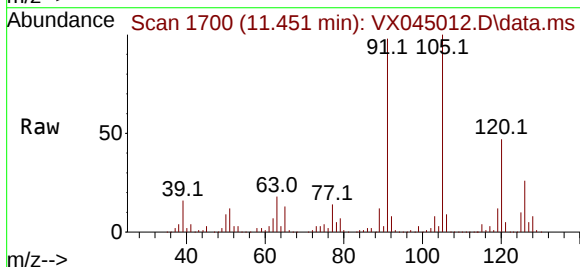
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

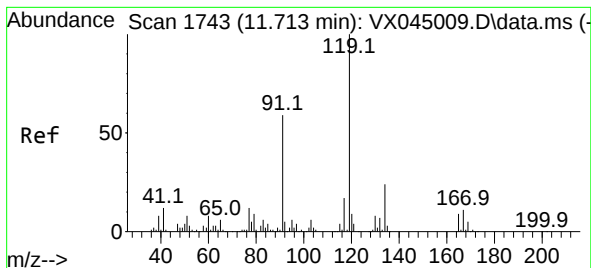
Tgt Ion:	75	Resp:	97507
Ion	Ratio	Lower	Upper
75	100		
53	100.7	49.8	149.4
89	43.9	21.4	64.2



#78
4-Chlorotoluene
Concen: 157.047 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion:	91	Resp:	704032
Ion	Ratio	Lower	Upper
91	100		
126	27.7	0.0	58.0





#79

tert-butylbenzene

Concen: 154.110 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

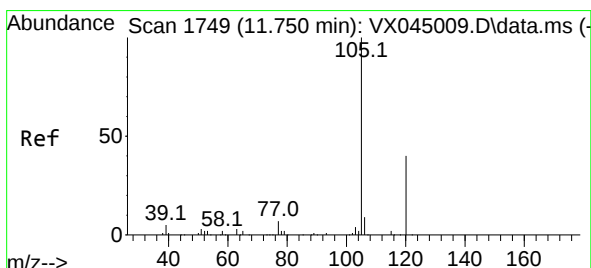
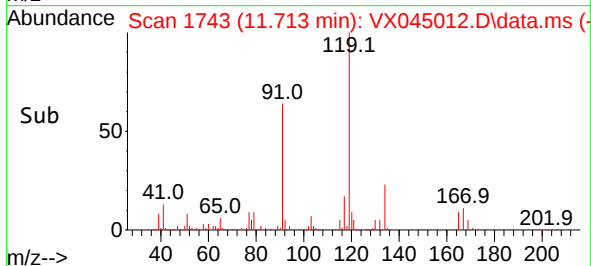
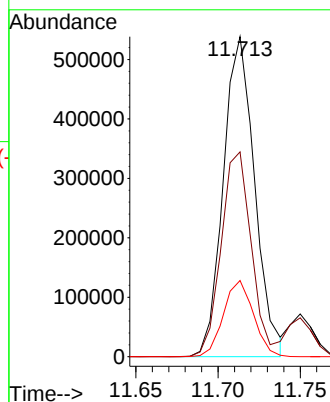
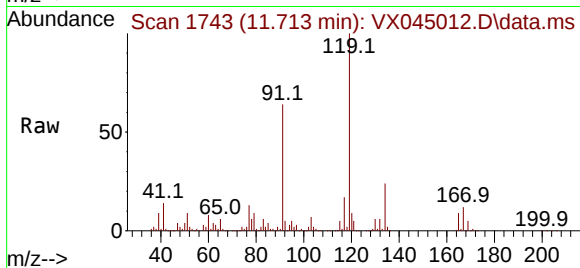
Tgt Ion:119 Resp: 716064

Ion Ratio Lower Upper

119 100

91 61.0 0.0 120.6

134 22.8 0.0 48.2



#80

1,2,4-Trimethylbenzene

Concen: 153.746 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045012.D

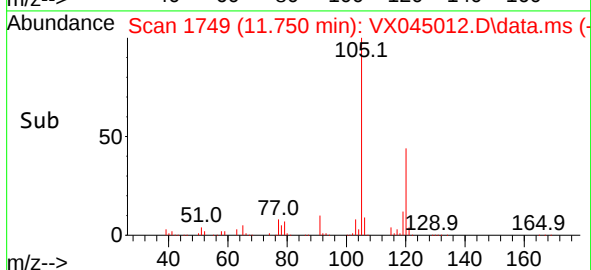
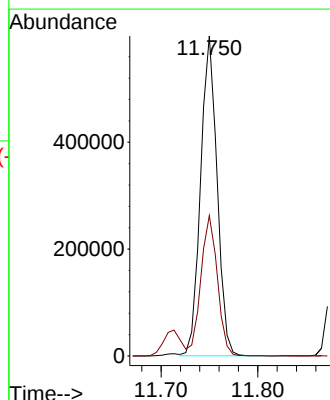
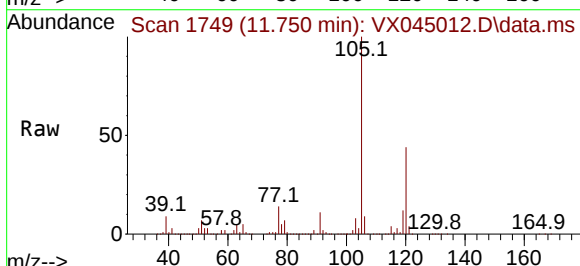
Acq: 21 Feb 2025 11:29

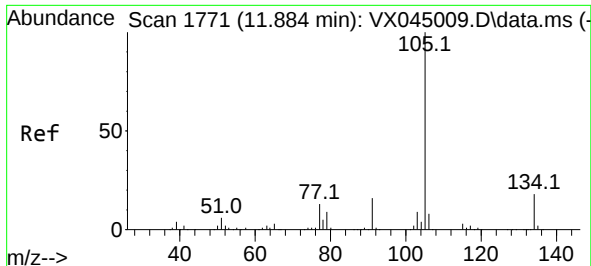
Tgt Ion:105 Resp: 710215

Ion Ratio Lower Upper

105 100

120 44.1 0.0 88.4

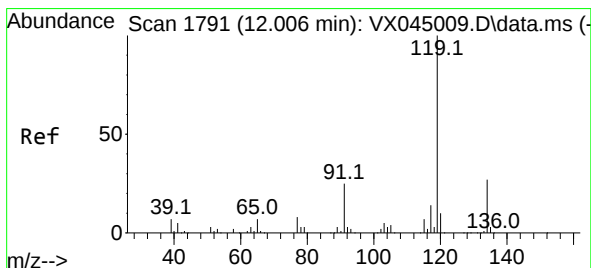
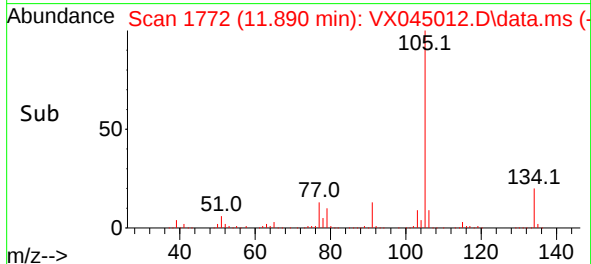
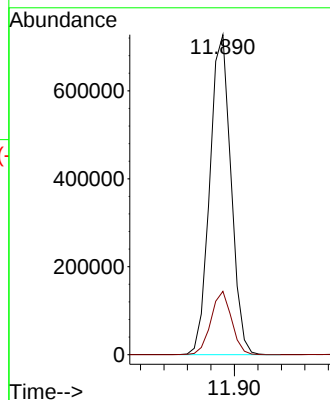
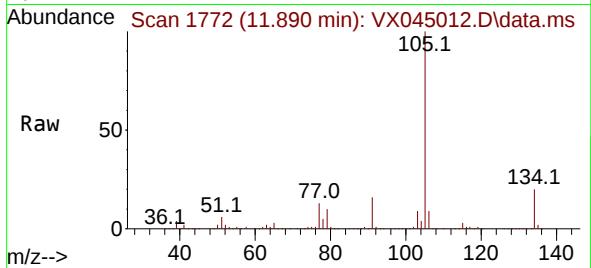




#81
 sec-Butylbenzene
 Concen: 156.100 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

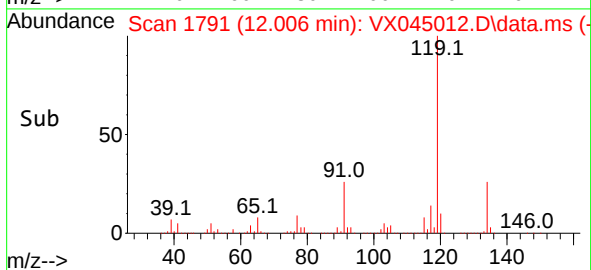
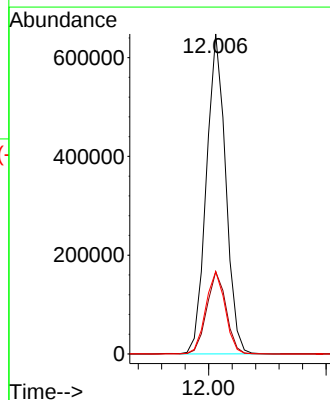
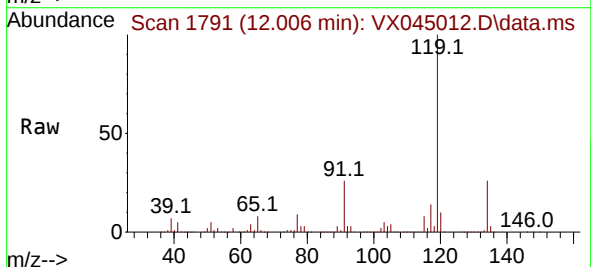
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

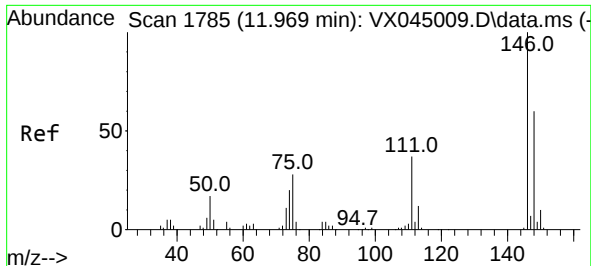
Tgt Ion:105 Resp: 910294
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 156.297 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

Tgt Ion:119 Resp: 738494
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 25.9 0.0 51.0

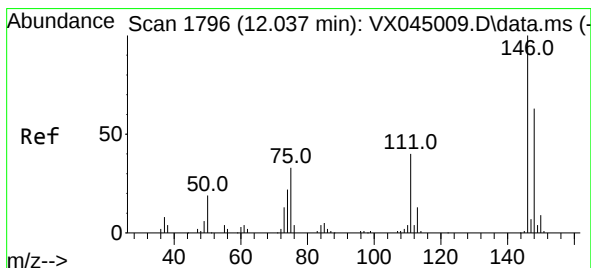
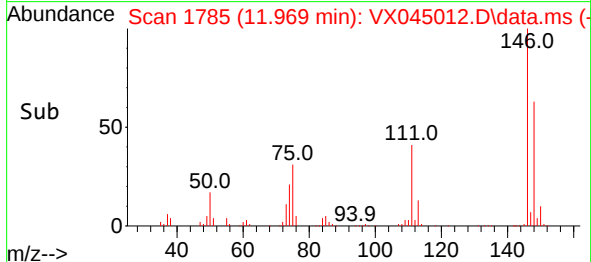
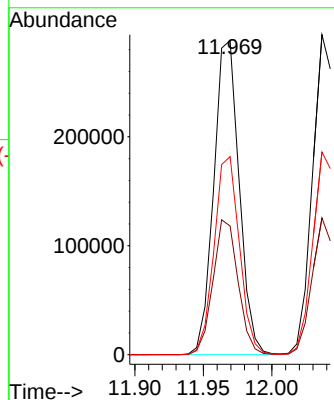
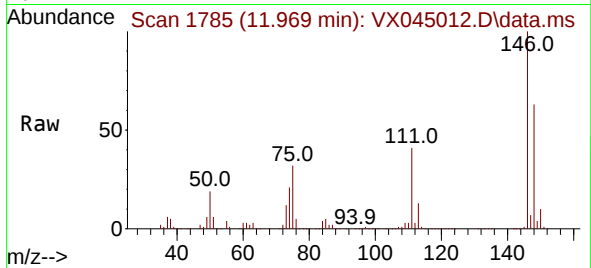




#83
1,3-Dichlorobenzene
Concen: 155.340 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

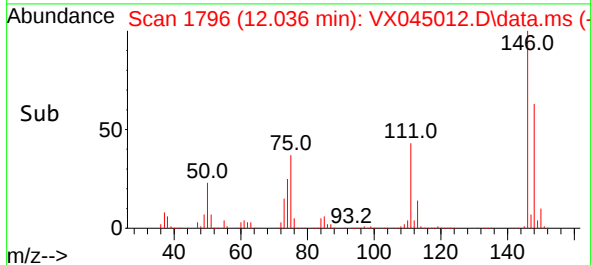
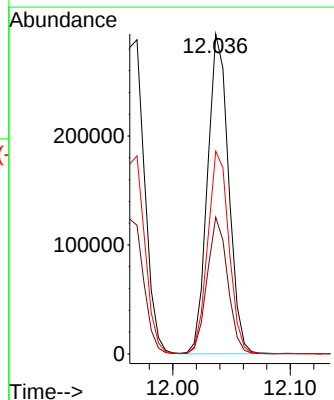
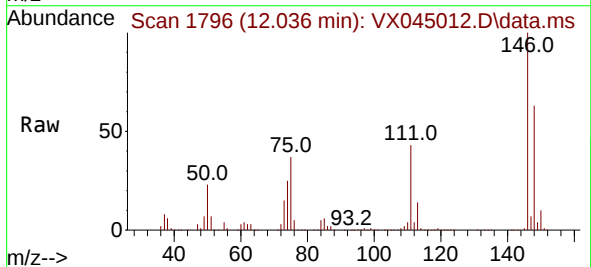
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

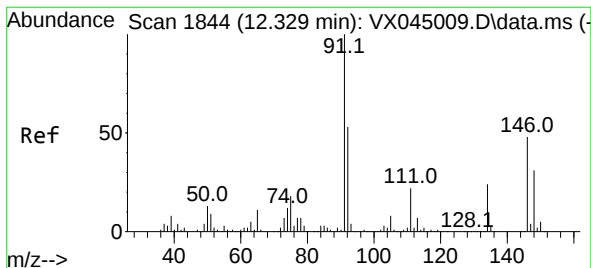
Tgt Ion:146 Resp: 371922
Ion Ratio Lower Upper
146 100
111 42.5 20.2 60.5
148 63.0 31.2 93.6



#84
1,4-Dichlorobenzene
Concen: 155.264 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion:146 Resp: 366532
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 63.6 31.8 95.4





#85

n-Butylbenzene

Concen: 164.749 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

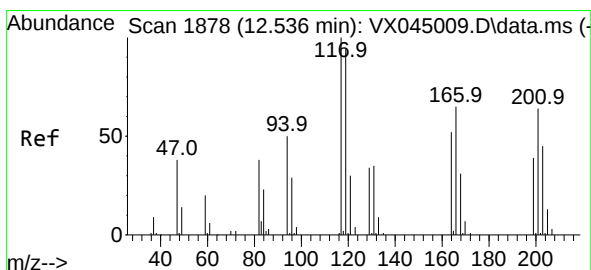
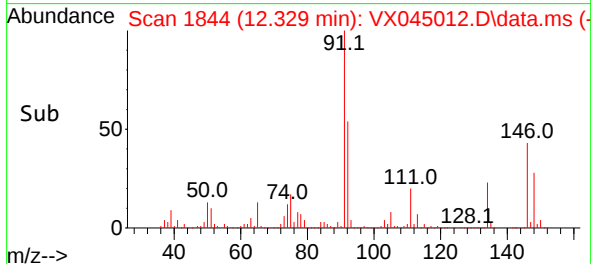
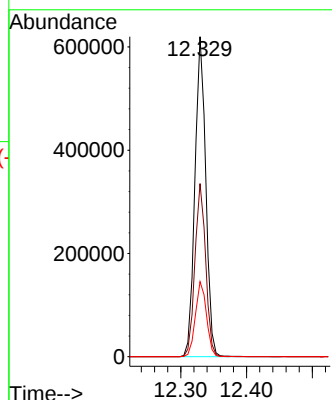
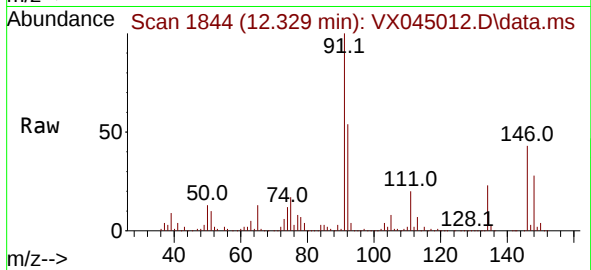
Tgt Ion: 91 Resp: 710846

Ion Ratio Lower Upper

91 100

92 53.7 0.0 105.2

134 23.9 0.0 49.4



#86

Hexachloroethane

Concen: 170.855 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045012.D

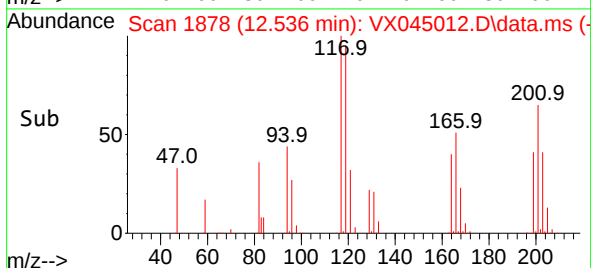
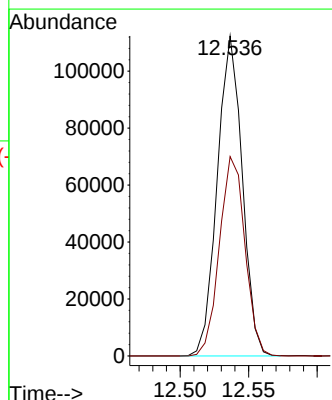
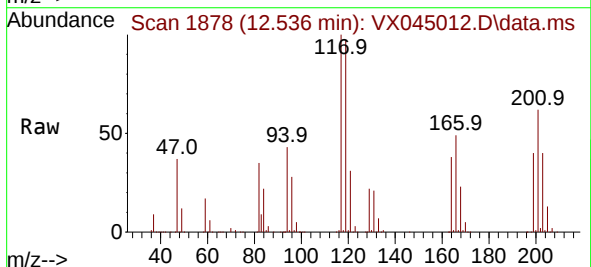
Acq: 21 Feb 2025 11:29

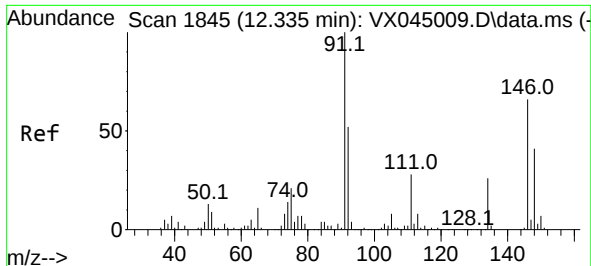
Tgt Ion: 117 Resp: 142372

Ion Ratio Lower Upper

117 100

201 63.8 32.6 97.7

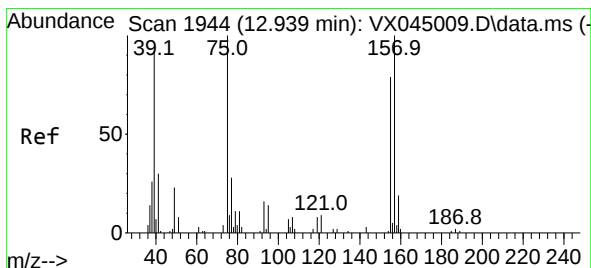
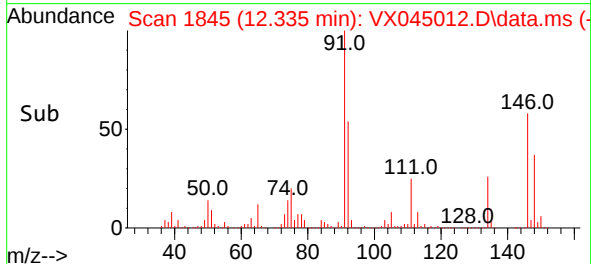
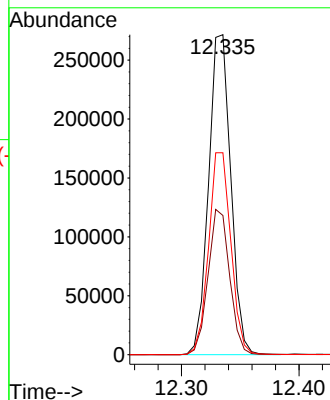
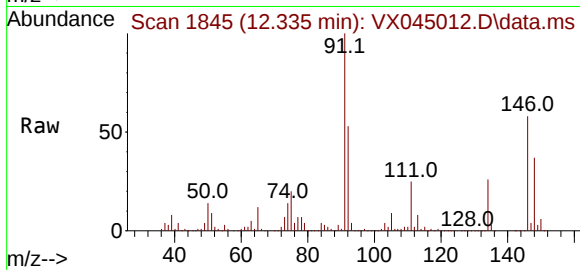




#87
1,2-Dichlorobenzene
Concen: 151.688 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

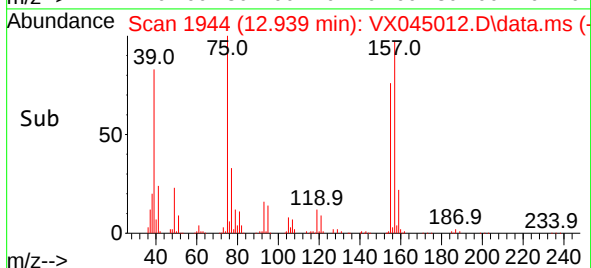
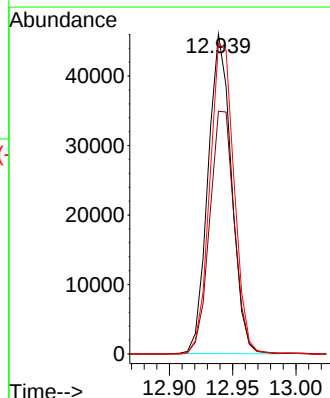
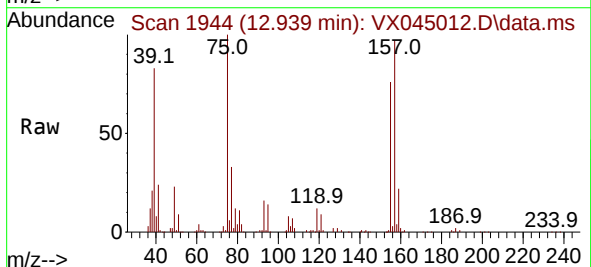
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

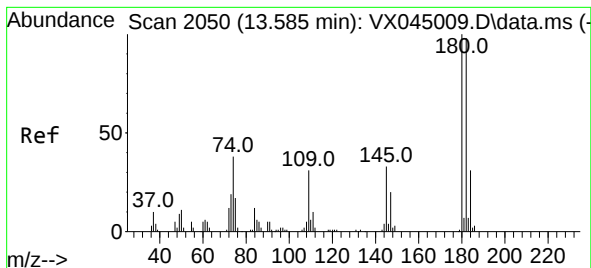
Tgt Ion:146 Resp: 356347
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 63.4 31.8 95.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 166.653 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 75 Resp: 59310
Ion Ratio Lower Upper
75 100
155 79.4 66.2 99.4
157 100.8 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 167.248 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

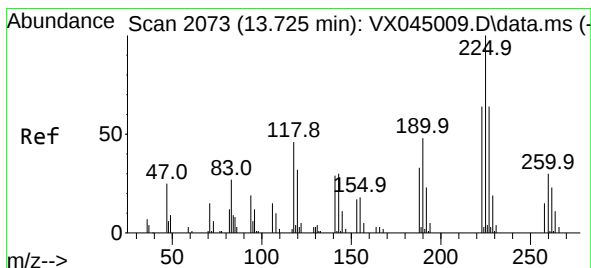
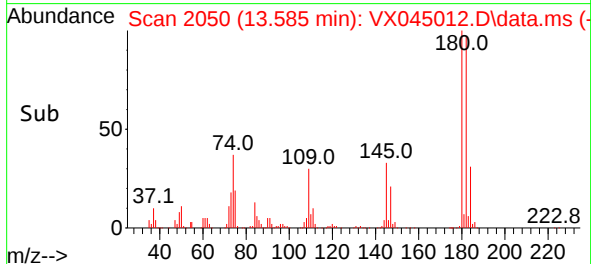
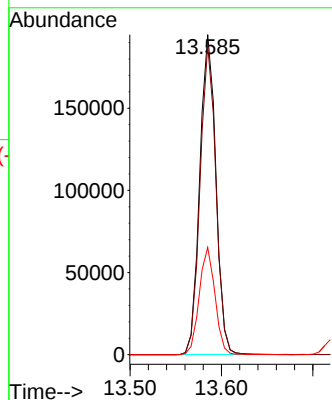
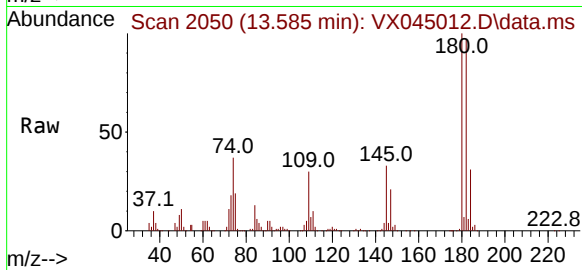
Tgt Ion:180 Resp: 238129

Ion Ratio Lower Upper

180 100

182 95.0 77.7 116.5

145 32.8 25.8 38.6



#90

Hexachlorobutadiene

Concen: 155.145 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

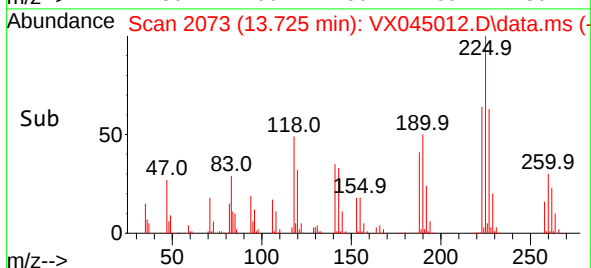
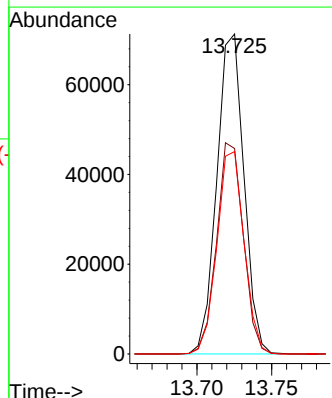
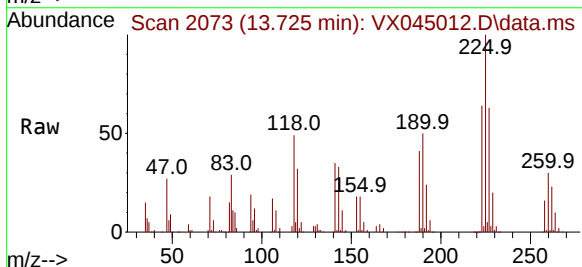
Tgt Ion:225 Resp: 90085

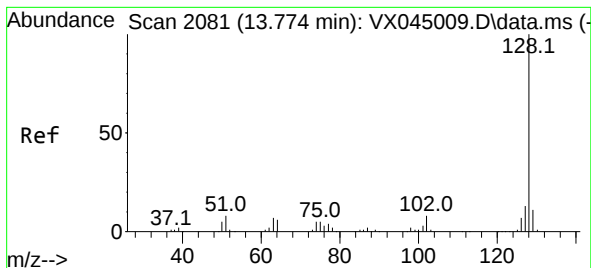
Ion Ratio Lower Upper

225 100

223 64.8 0.0 123.4

227 63.2 0.0 127.4





#91

Naphthalene

Concen: 165.262 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

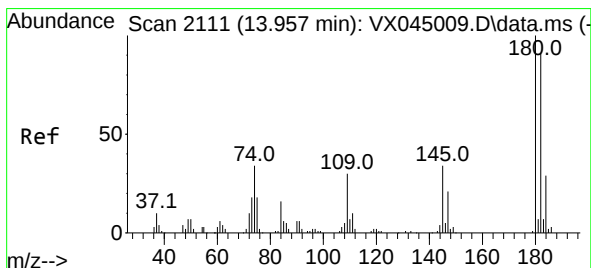
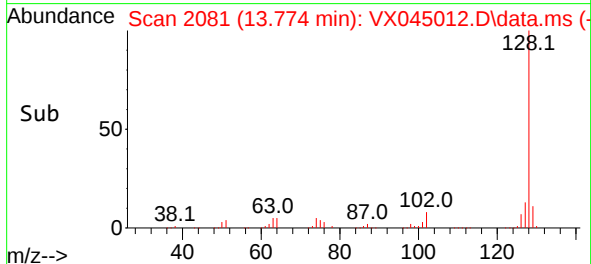
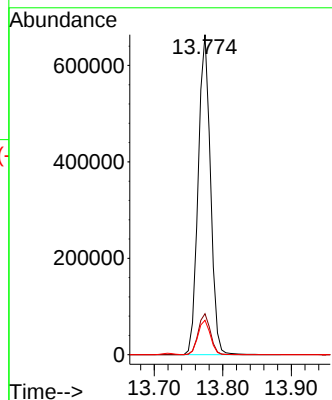
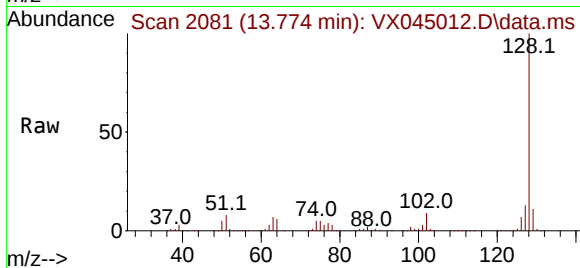
Tgt Ion:128 Resp: 829698

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.9 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 161.124 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Tgt Ion:180 Resp: 236181

Ion Ratio Lower Upper

180 100

182 94.5 0.0 186.6

145 34.8 0.0 68.4

