

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011223\
 Data File : VX033710.D
 Acq On : 12 Jan 2023 14:43
 Operator : JC/MD
 Sample : 01130-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230111061-02-VOA

Quant Time: Jan 13 00:02:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	13701	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	80267	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	104747	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	33356	30.067	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.233%	
60) 4-Bromofluorobenzene	11.079	95	56508	29.932	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.767%	
63) Toluene-d8	8.647	98	99937	29.812	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.367%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	587	0.423	ug/l #	78
8) Diethyl Ether	2.130	74	2632	3.776	ug/l	99
12) Methyl Acetate	2.703	43	647	0.295	ug/l #	54
14) Acrylonitrile	3.117	53	185	0.256	ug/l #	15
15) Acetone	2.386	58	3874	23.690	ug/l	74
16) Carbon Disulfide	2.507	76	2218	0.728	ug/l #	91
17) Allyl chloride	2.666	41	24317	10.921	ug/l #	34
18) Methylene Chloride	2.788	84	340	0.232	ug/l #	56
22) cis-1,2-Dichloroethene	4.483	96	1721	1.029	ug/l #	48
23) tert-Butyl Alcohol	2.989	59	2166138	7589.250	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	9745	2.180	ug/l #	61
30) 2-Butanone	4.568	43	61712	68.110	ug/l #	76
31) 2,2-Dichloropropane	4.568	77	86756	58.077	ug/l #	52
34) Benzene	6.025	78	23425	4.647	ug/l #	92
36) 1,2-Dichloroethane	6.086	62	846	0.462	ug/l #	75
43) Ethyl Acetate	4.696	43	5906	3.181	ug/l	96
45) 1,4-Dioxane	7.708	88	1862	58.595	ug/l #	58
47) n-amyl Acetate	11.128	43	2887	1.164	ug/l	99
50) 1,1,2-Trichloroethane	9.067	97	929	0.707	ug/l #	24
51) Ethyl methacrylate	9.561	69	755	0.385	ug/l	86
56) Bromoform	11.079	173	276	0.251	ug/l #	1
58) 4-Methyl-2-Pentanone	8.567	43	16361	7.863	ug/l #	76
59) 2-Hexanone	9.439	43	2643	1.726	ug/l #	63
62) Toluene	8.714	91	39608	6.007	ug/l	96
64) Chlorobenzene	10.079	112	4361	1.027	ug/l #	83
66) Ethyl Benzene	10.195	91	10053	1.367	ug/l	98
67) m/p-Xylenes	10.299	106	31009	10.685	ug/l	98
68) o-Xylene	10.640	106	20158	7.067	ug/l	100
69) Styrene	10.652	104	2564	0.543	ug/l #	1
70) Isopropylbenzene	10.963	105	2880	0.390	ug/l	99
75) 2-Chlorotoluene	11.378	91	2583	0.515	ug/l	62
76) 1,3,5-Trimethylbenzene	11.451	105	7605	1.240	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	404	0.670	ug/l #	22
78) 4-Chlorotoluene	11.451	91	1166	0.207	ug/l	50
79) tert-butylbenzene	11.890	119	1381	0.220	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	18073	2.983	ug/l	98
82) p-Isopropyltoluene	11.969	119	1676	0.255	ug/l	96
83) 1,3-Dichlorobenzene	12.042	146	13022	3.649	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	13022	3.659	ug/l	98

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QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration

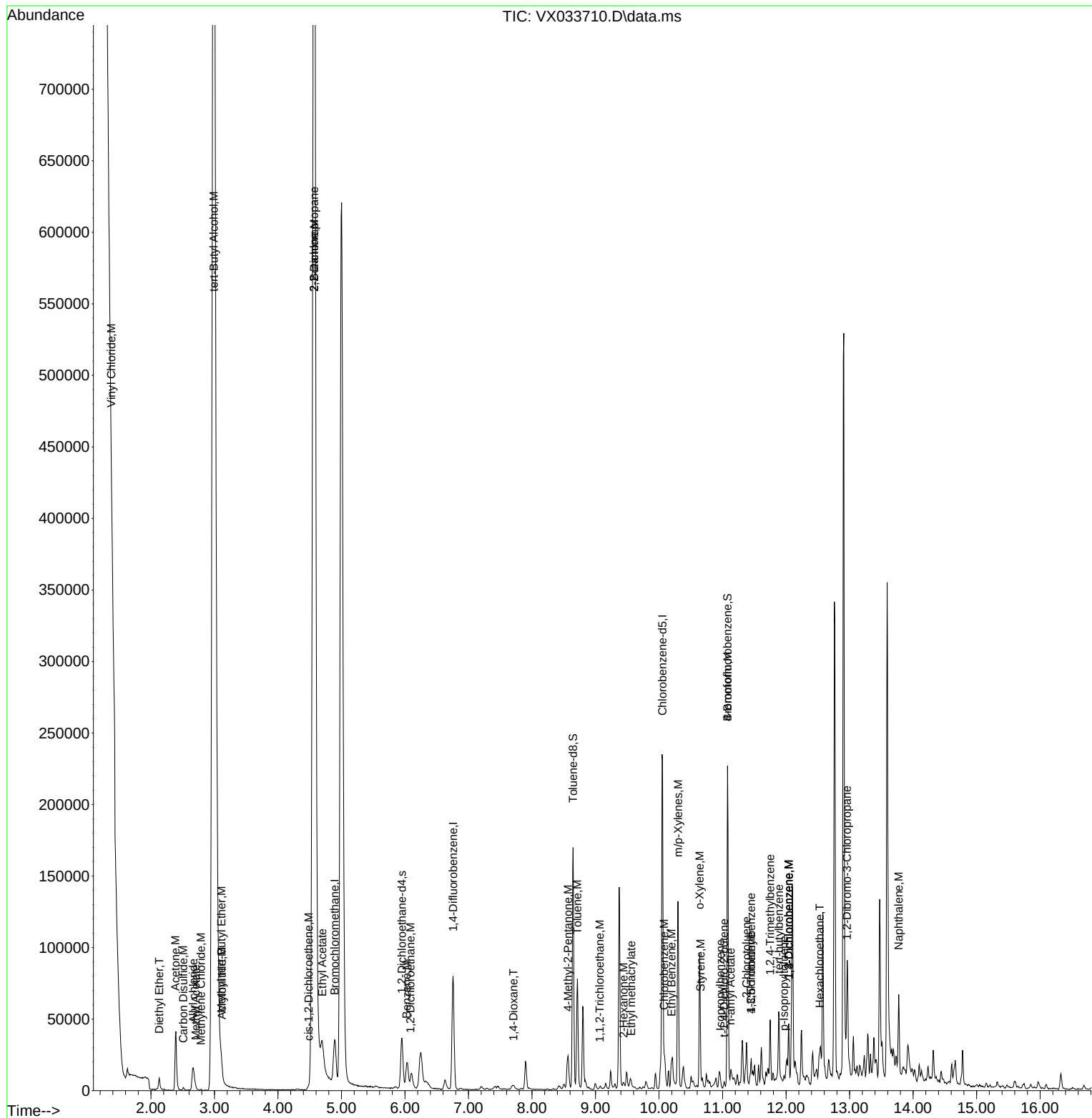
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Hexachloroethane	12.530	117	543	0.508	ug/l #	4
87) 1,2-Dichlorobenzene	12.042	146	13022	3.788	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.957	75	323	0.699	ug/l #	1
91) Naphthalene	13.774	128	25893	3.729	ug/l	100

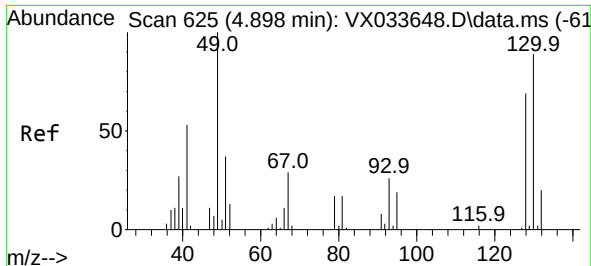
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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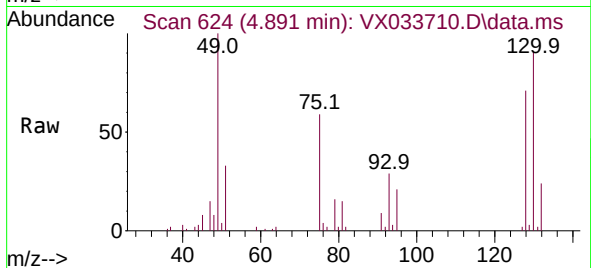
Quant Time: Jan 13 00:02:44 2023
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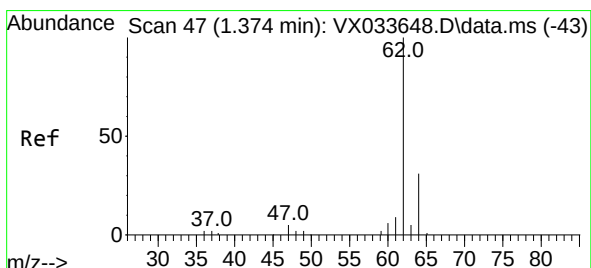
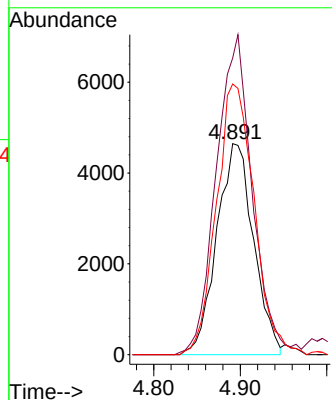
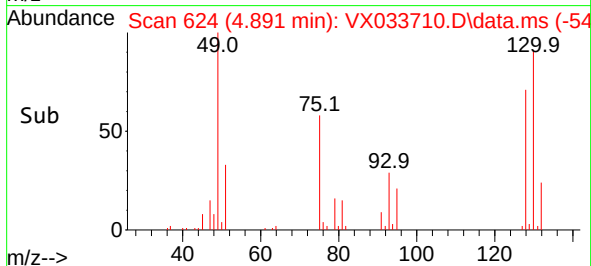


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033710.D
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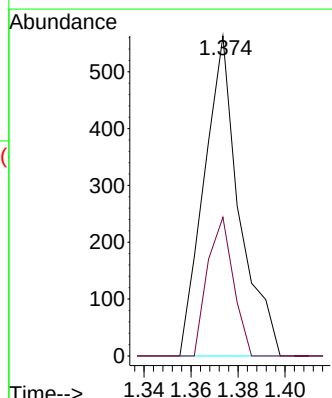
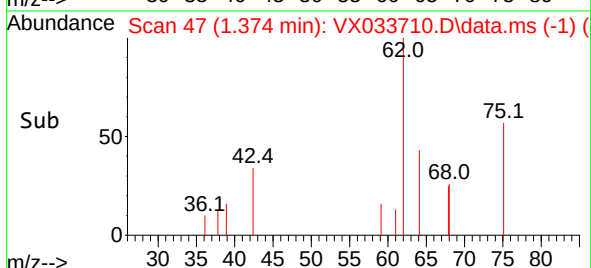
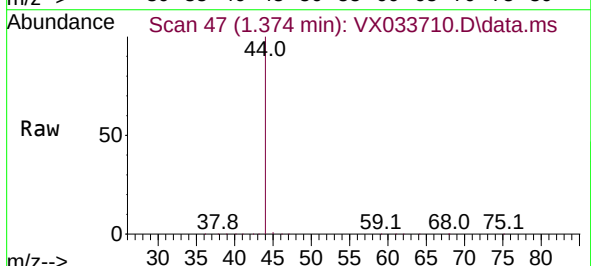


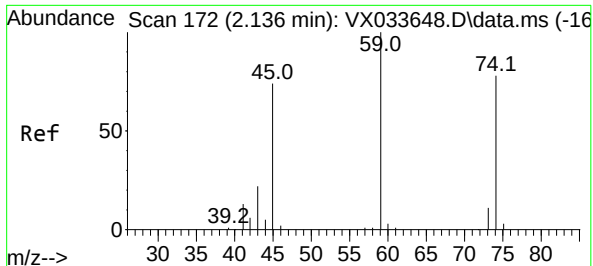
Tgt Ion:128 Resp: 13701
Ion Ratio Lower Upper
128 100
49 147.8 0.0 398.5
130 132.0 0.0 329.0



#4
Vinyl Chloride
Concen: 0.423 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 62 Resp: 587
Ion Ratio Lower Upper
62 100
64 43.3 24.9 37.3#

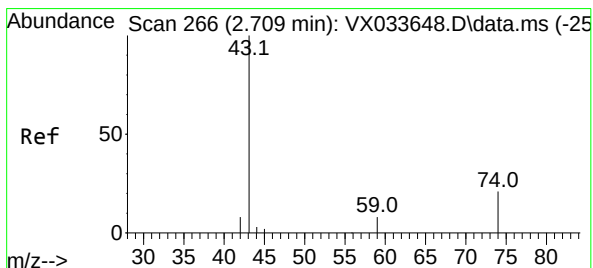
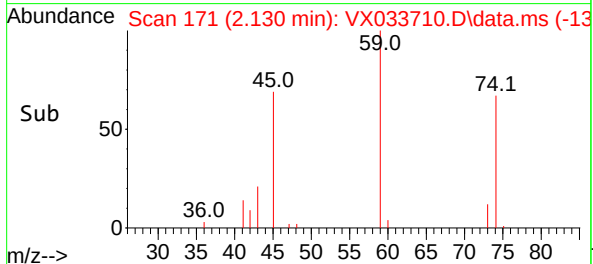
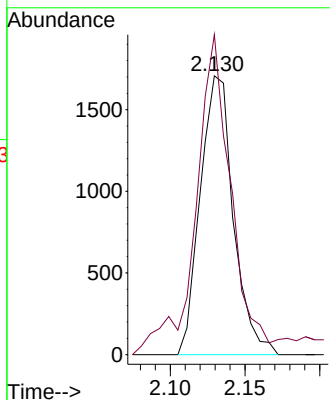
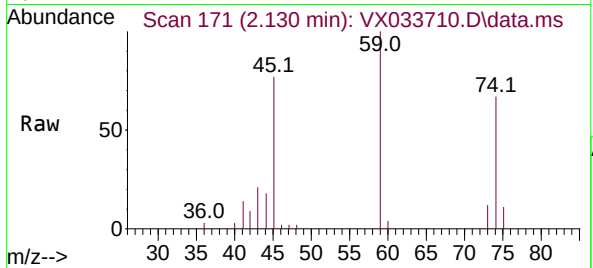




#8
Diethyl Ether
Concen: 3.776 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

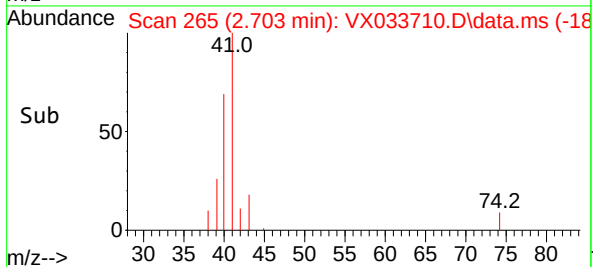
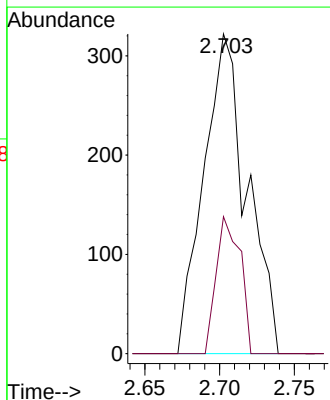
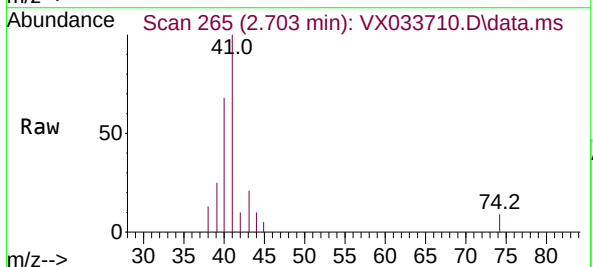
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

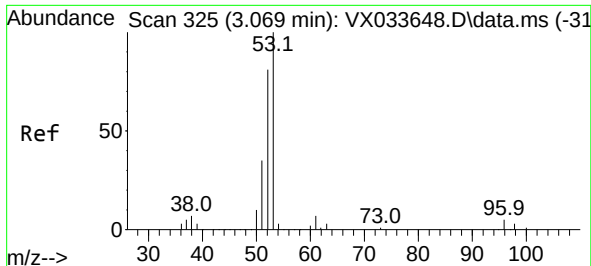
Tgt Ion: 74 Resp: 2632
Ion Ratio Lower Upper
74 100
45 101.0 20.3 182.9



#12
Methyl Acetate
Concen: 0.295 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
74 42.9 17.0 25.6#





#14

Acrylonitrile

Concen: 0.256 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX033710.D

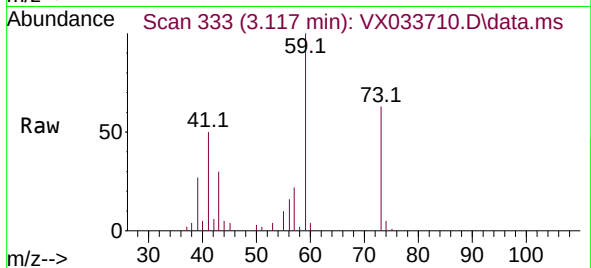
Acq: 12 Jan 2023 14:43

Instrument :

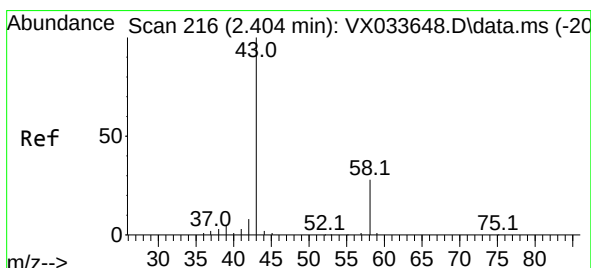
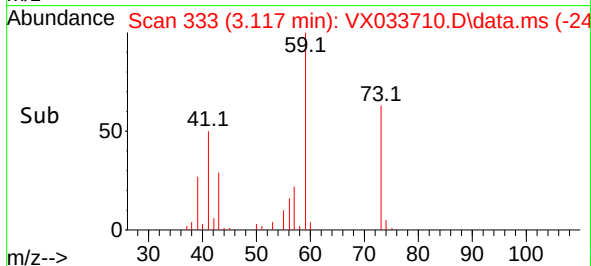
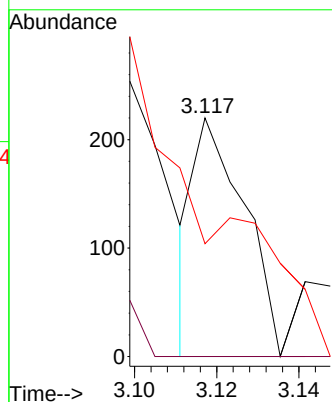
MSVOA_X

ClientSampleId :

230111061-02-VOA



Tgt Ion: 53	Resp: 185
Ion Ratio	Lower Upper
53	100
52	0.0 41.3 124.1#
51	78.9 18.4 55.4#



#15

Acetone

Concen: 23.690 ug/l

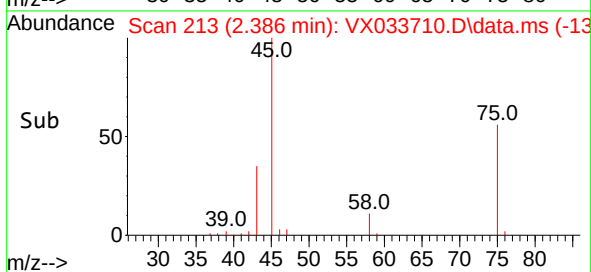
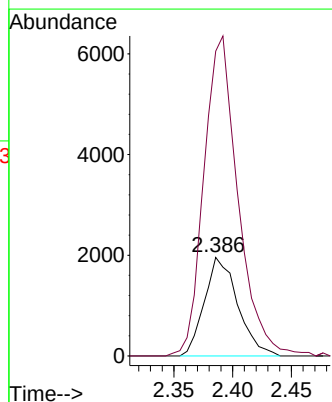
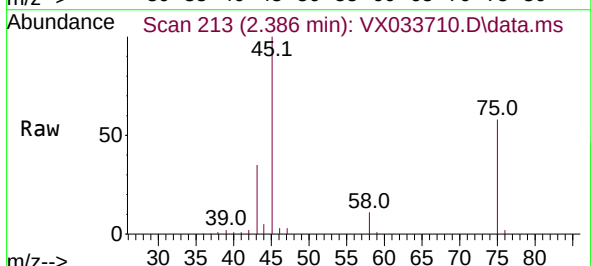
RT: 2.386 min Scan# 213

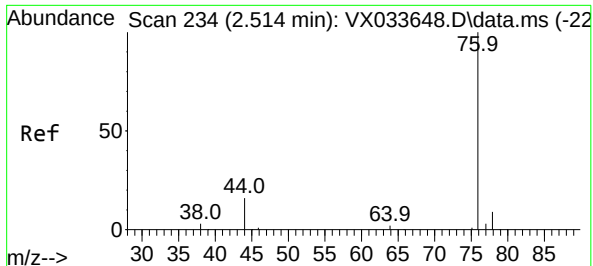
Delta R.T. -0.018 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Tgt Ion: 58	Resp: 3874
Ion Ratio	Lower Upper
58	100
43	303.7 288.3 432.5

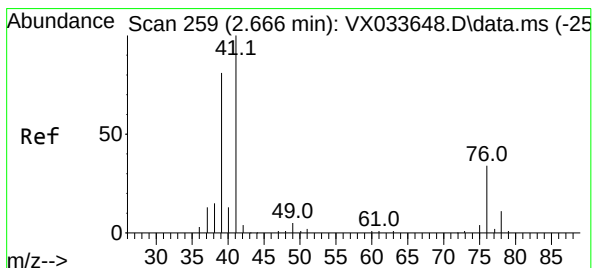
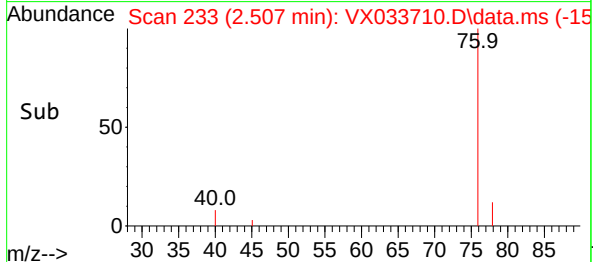
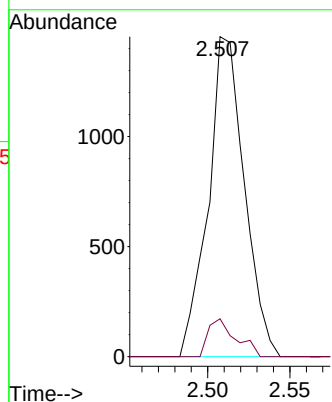
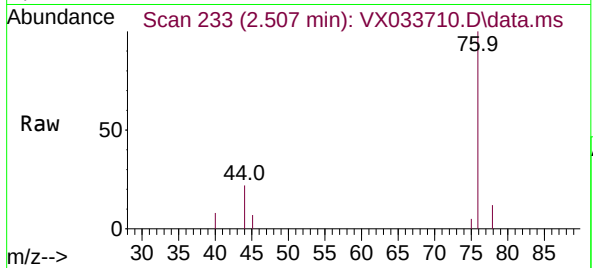




#16
Carbon Disulfide
Concen: 0.728 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

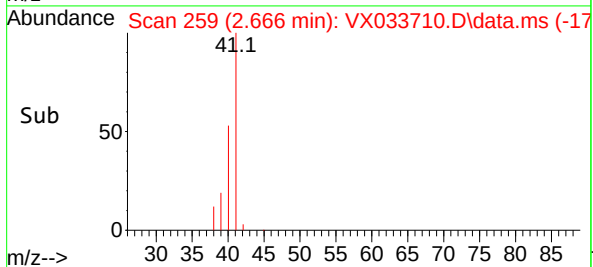
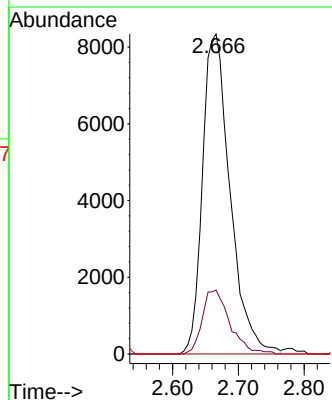
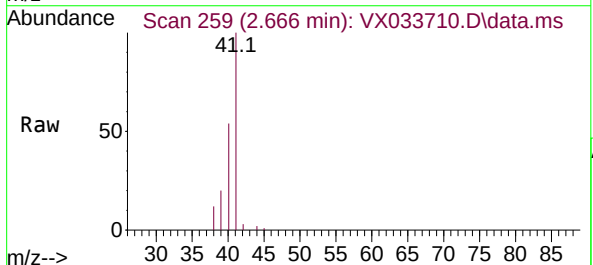
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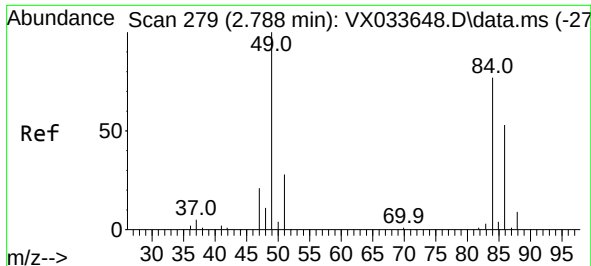
Tgt Ion: 76 Resp: 2218
Ion Ratio Lower Upper
76 100
78 11.8 7.0 10.4#



#17
Allyl chloride
Concen: 10.921 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

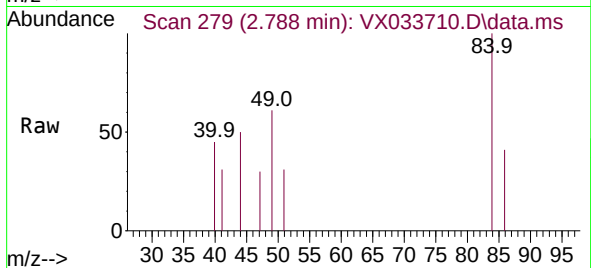
Tgt Ion: 41 Resp: 24317
Ion Ratio Lower Upper
41 100
39 20.0 40.3 120.8#
76 0.0 17.0 50.9#



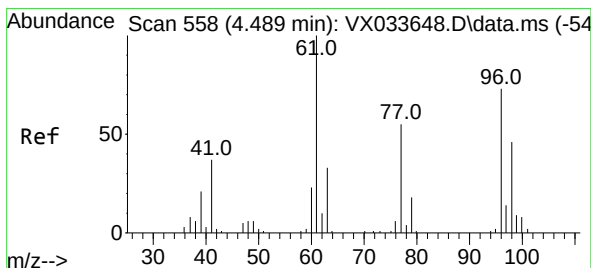
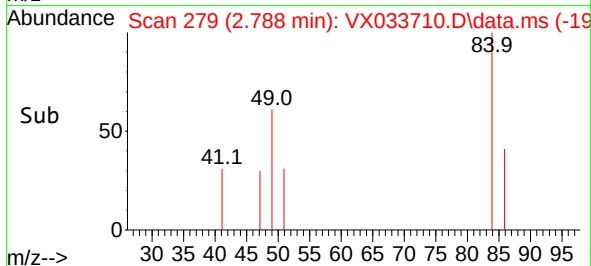
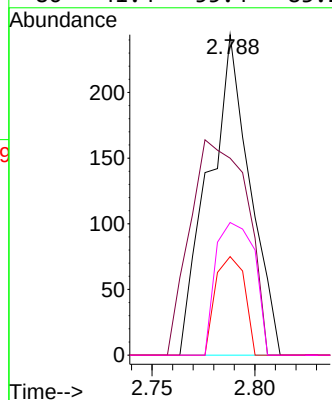


#18
Methylene Chloride
Concen: 0.232 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033710.D
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Instrument :
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ClientSampleId :
230111061-02-VOA

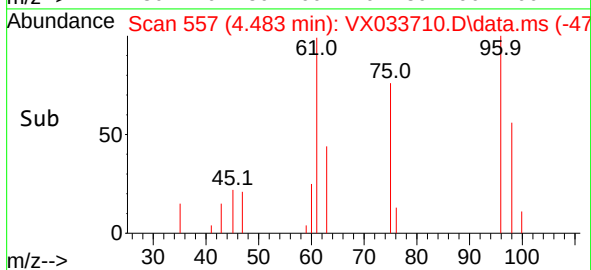
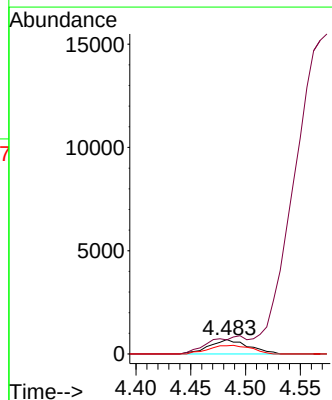
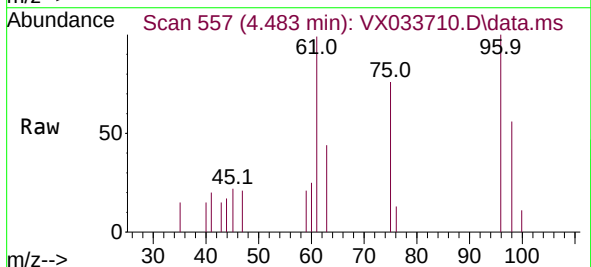


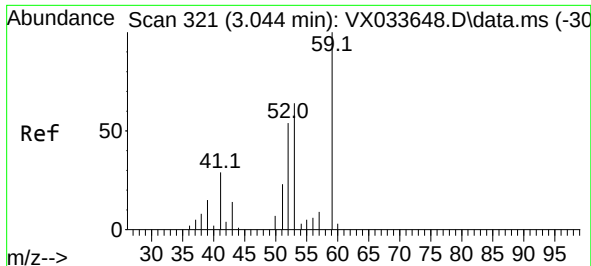
Tgt Ion:	84	Resp:	340
Ion	Ratio	Lower	Upper
84	100		
49	61.5	104.1	156.1#
51	30.7	29.2	43.8
86	41.4	55.4	83.2#



#22
cis-1,2-Dichloroethene
Concen: 1.029 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX033710.D
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Tgt Ion:	96	Resp:	1721
Ion	Ratio	Lower	Upper
96	100		
61	49.6	114.2	171.2#
98	64.8	51.4	77.0

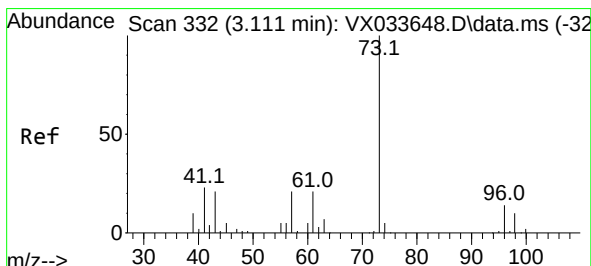
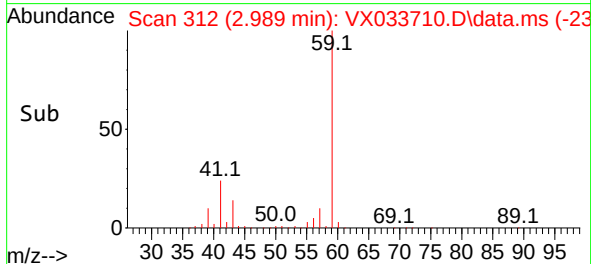
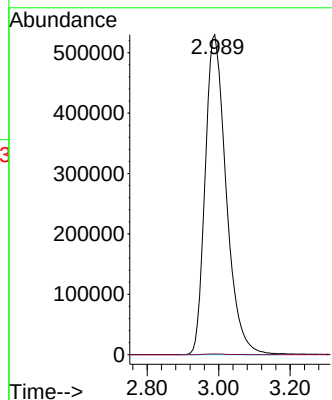
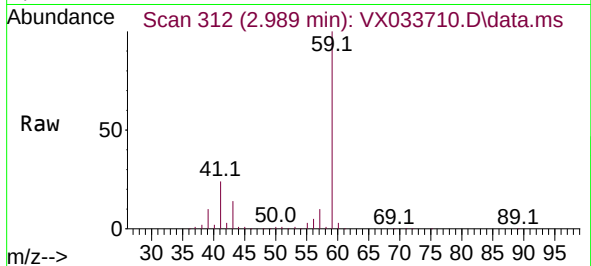




#23
tert-Butyl Alcohol
Concen: 7589.250 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.055 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

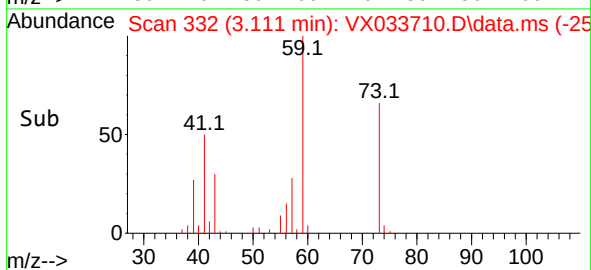
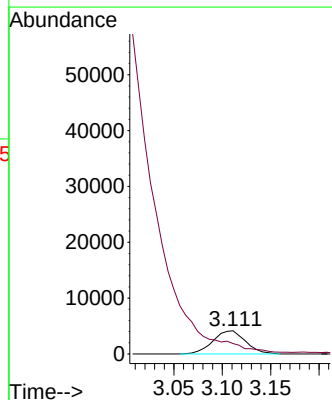
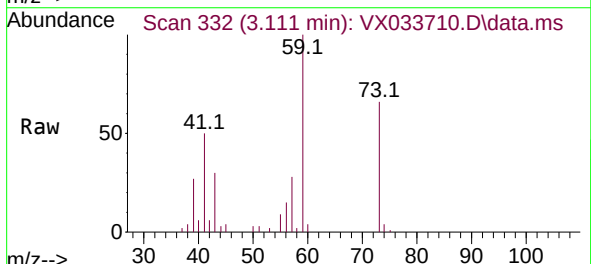
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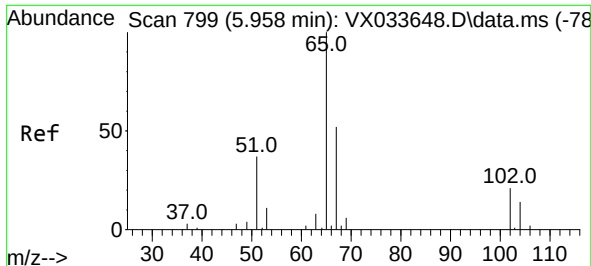
Tgt Ion: 59 Resp: 2166138
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 2.180 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 73 Resp: 9745
Ion Ratio Lower Upper
73 100
43 4.0 18.1 27.1#

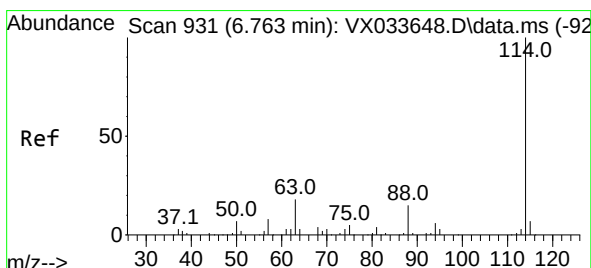
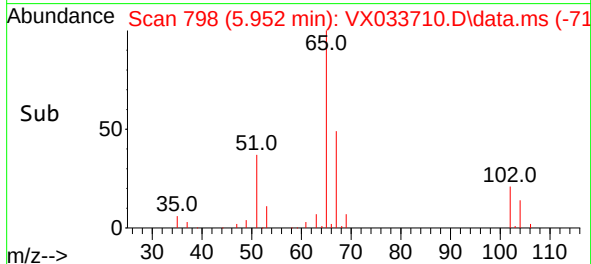
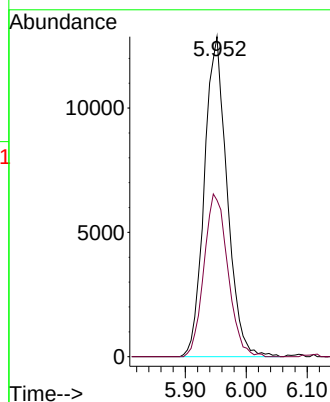
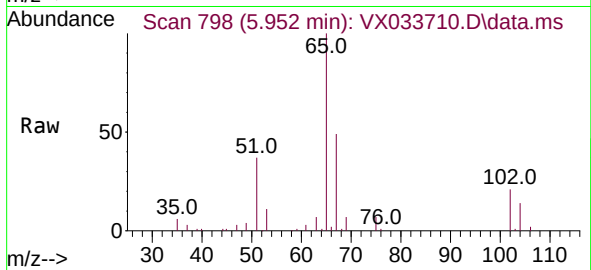




#27
 1,2-Dichloroethane-d4
 Concen: 30.067 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033710.D
 Acq: 12 Jan 2023 14:43

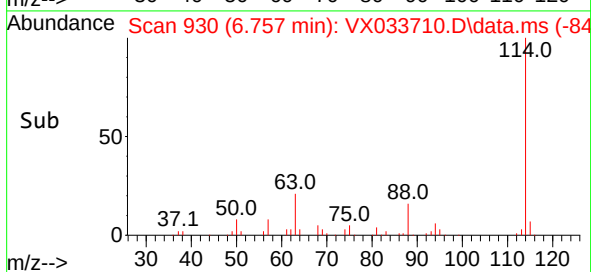
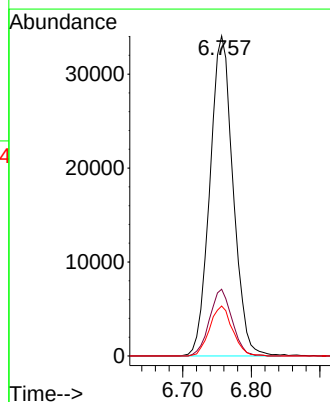
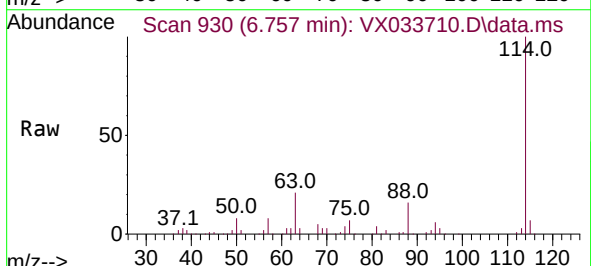
Instrument :
 MSVOA_X
 ClientSampleId :
 230111061-02-VOA

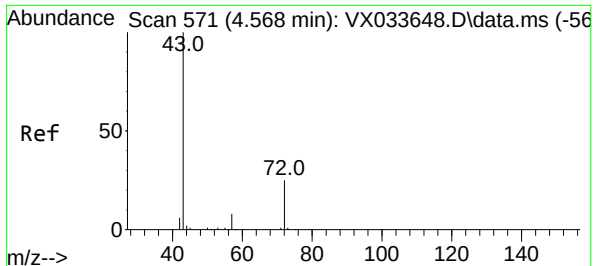
Tgt Ion: 65 Resp: 33356
 Ion Ratio Lower Upper
 65 100
 67 53.2 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX033710.D
 Acq: 12 Jan 2023 14:43

Tgt Ion: 114 Resp: 80267
 Ion Ratio Lower Upper
 114 100
 63 20.1 15.5 23.3
 88 15.4 12.4 18.6





#30

2-Butanone

Concen: 68.110 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

230111061-02-VOA

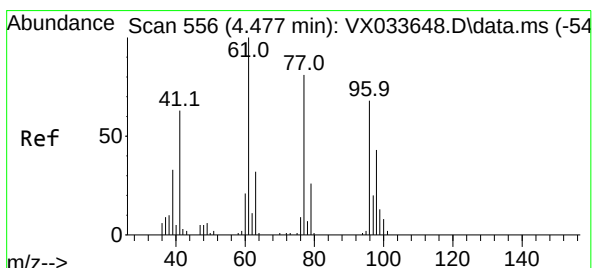
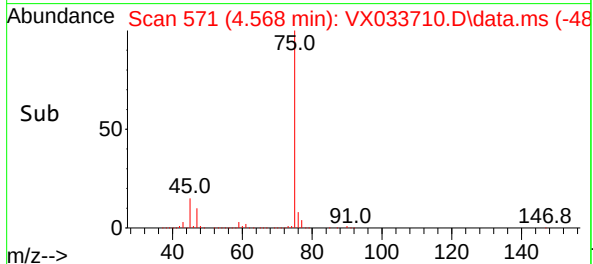
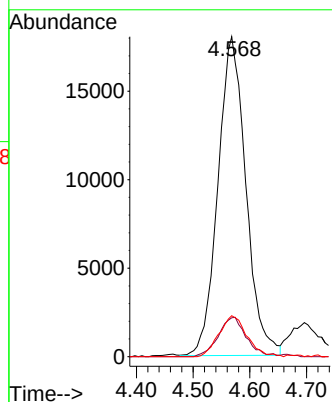
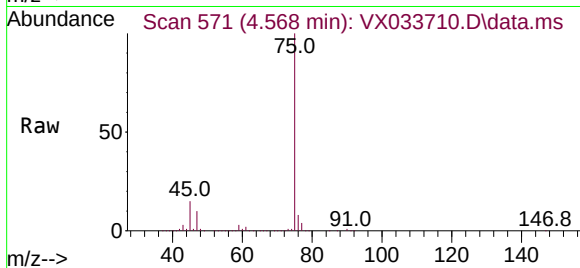
Tgt Ion: 43 Resp: 61712

Ion Ratio Lower Upper

43 100

57 12.1 3.4 5.2#

72 12.6 19.8 29.6#



#31

2,2-Dichloropropane

Concen: 58.077 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.091 min

Lab File: VX033710.D

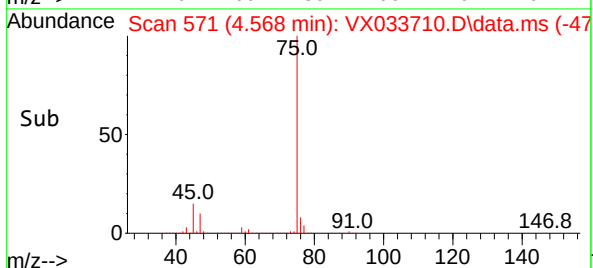
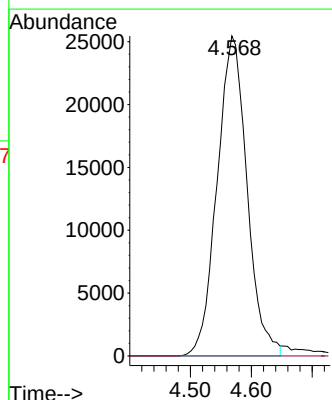
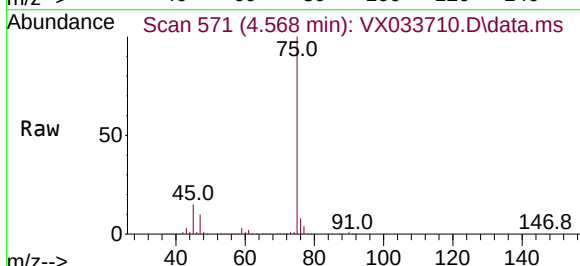
Acq: 12 Jan 2023 14:43

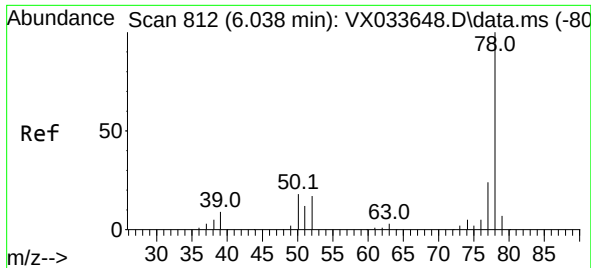
Tgt Ion: 77 Resp: 86756

Ion Ratio Lower Upper

77 100

97 0.0 19.0 28.6#

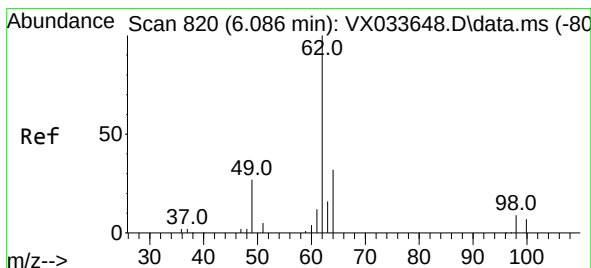
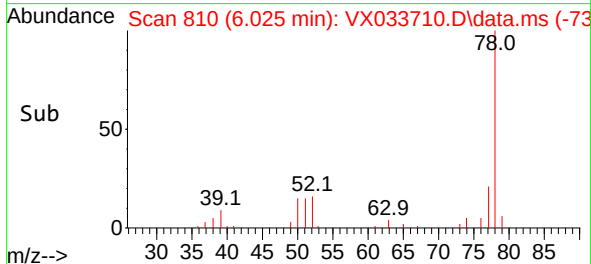
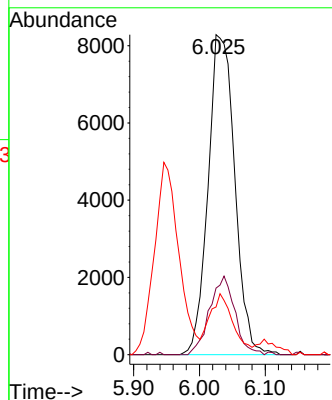
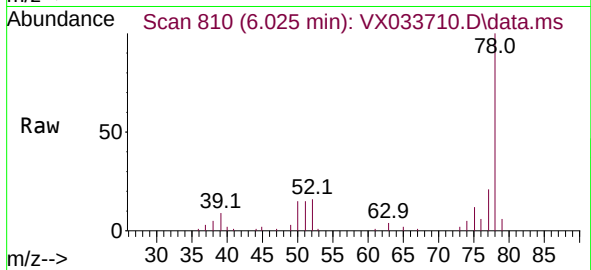




#34
Benzene
Concen: 4.647 ug/l
RT: 6.025 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

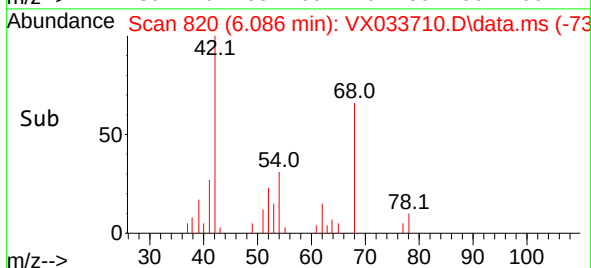
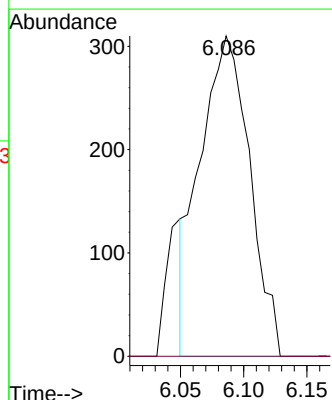
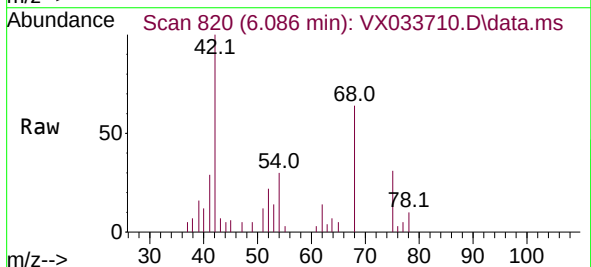
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

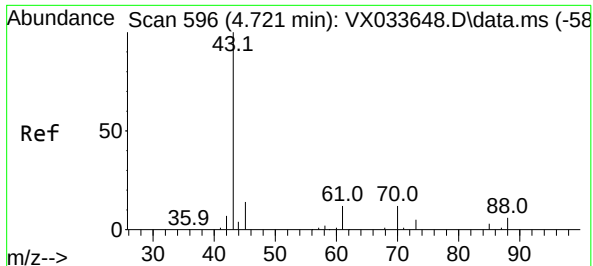
Tgt Ion: 78 Resp: 23425
Ion Ratio Lower Upper
78 100
77 20.8 19.5 29.3
51 12.6 13.0 19.6#



#36
1,2-Dichloroethane
Concen: 0.462 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 62 Resp: 846
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

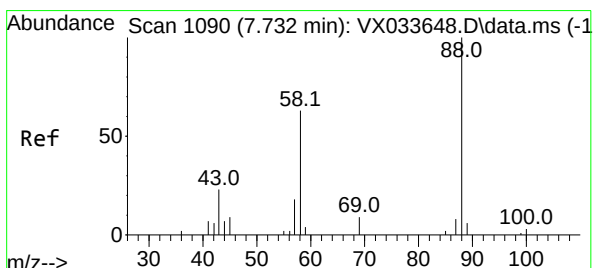
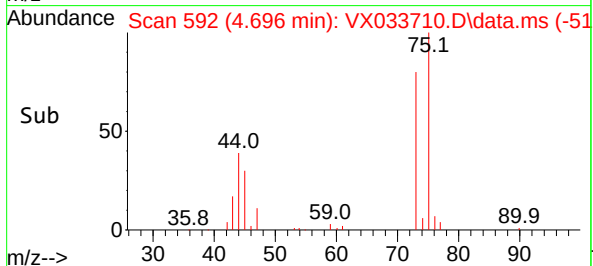
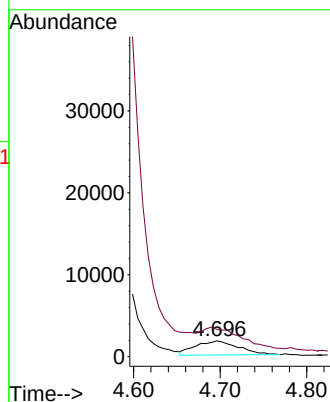
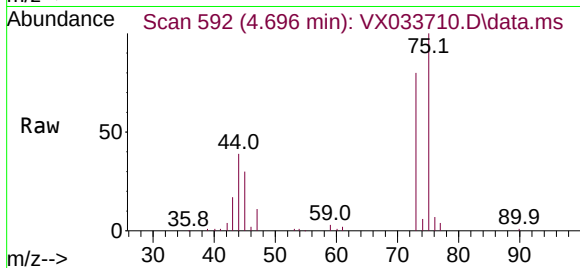




#43
Ethyl Acetate
Concen: 3.181 ug/l
RT: 4.696 min Scan# 51
Delta R.T. -0.025 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

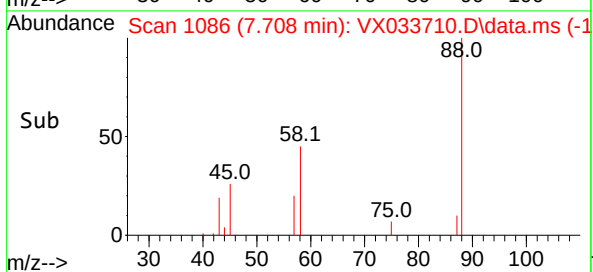
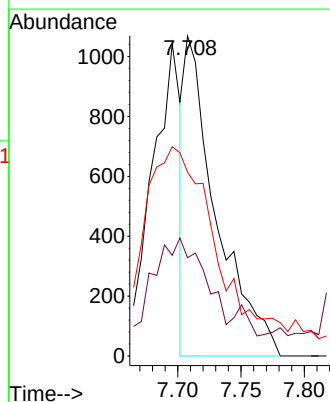
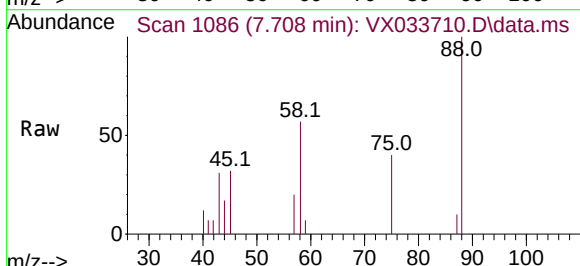
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

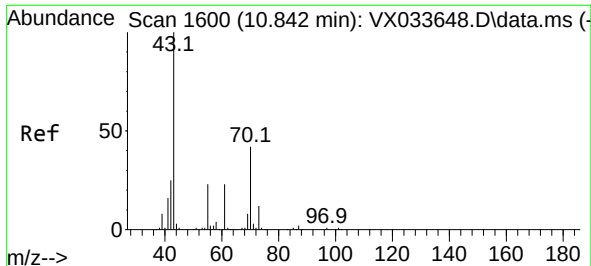
Tgt Ion: 43 Resp: 5906
Ion Ratio Lower Upper
43 100
45 15.5 11.2 16.8



#45
1,4-Dioxane
Concen: 58.595 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.025 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 88 Resp: 1862
Ion Ratio Lower Upper
88 100
43 53.1 1.2 1.8#
58 0.0 8.5 12.7#





#47

n-amy1 Acetate

Concen: 1.164 ug/l

RT: 11.128 min Scan# 1109

Delta R.T. 0.286 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

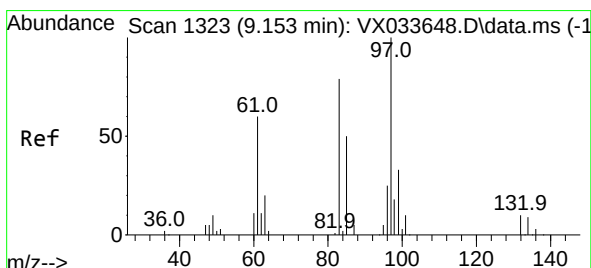
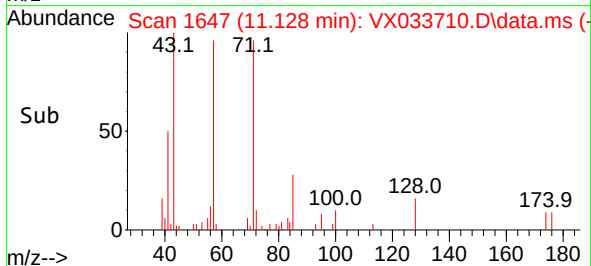
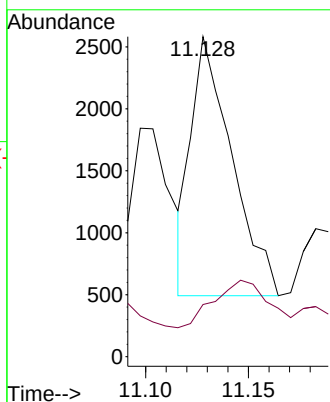
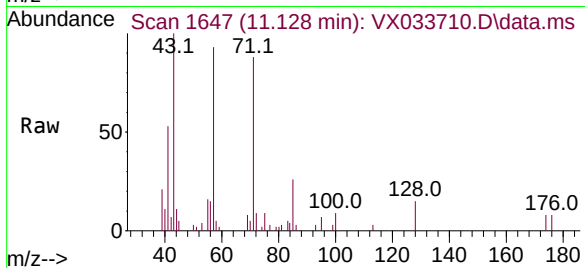
230111061-02-VOA

Tgt Ion: 43 Resp: 2887

Ion Ratio Lower Upper

43 100

55 24.4 19.3 28.9



#50

1,1,2-Trichloroethane

Concen: 0.707 ug/l

RT: 9.067 min Scan# 1309

Delta R.T. -0.086 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Tgt Ion: 97 Resp: 929

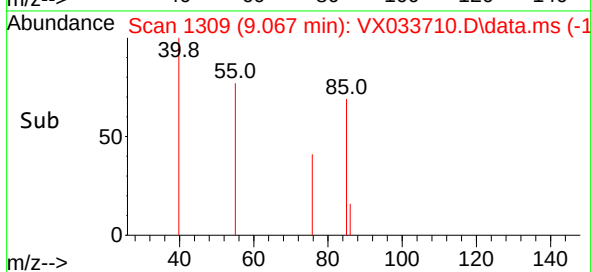
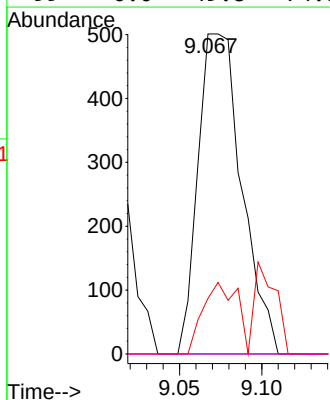
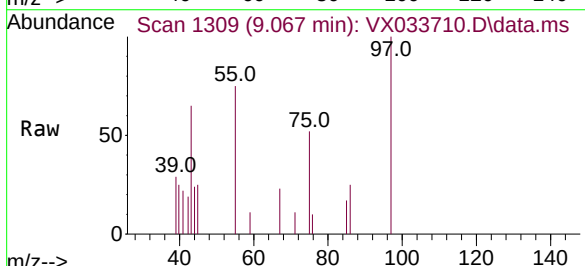
Ion Ratio Lower Upper

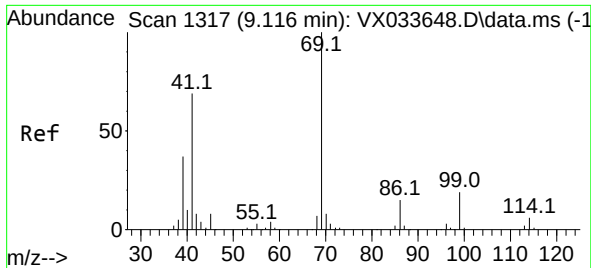
97 100

83 0.0 63.0 94.4#

85 17.4 42.8 64.2#

99 0.0 49.8 74.8#

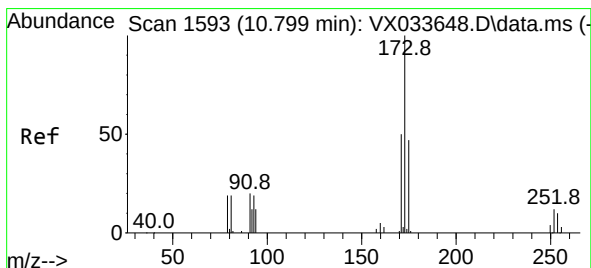
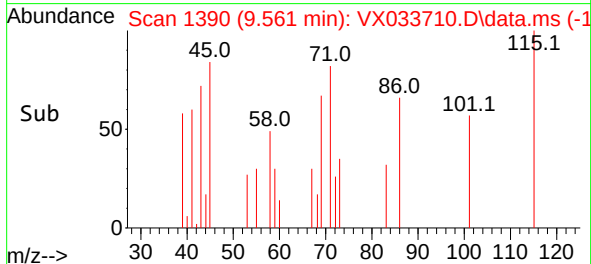
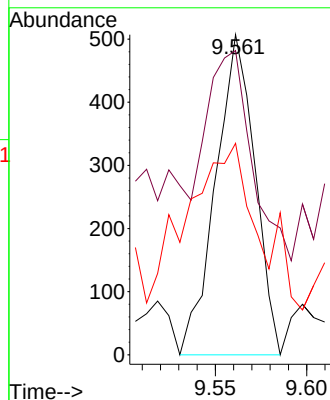
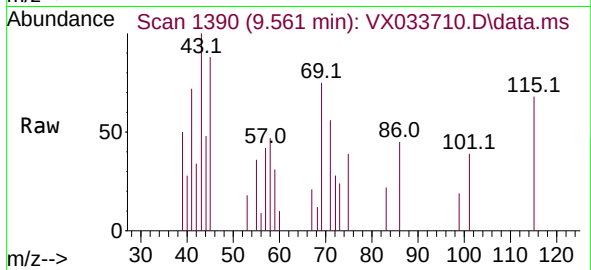




#51
Ethyl methacrylate
Concen: 0.385 ug/l
RT: 9.561 min Scan# 11
Delta R.T. 0.445 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

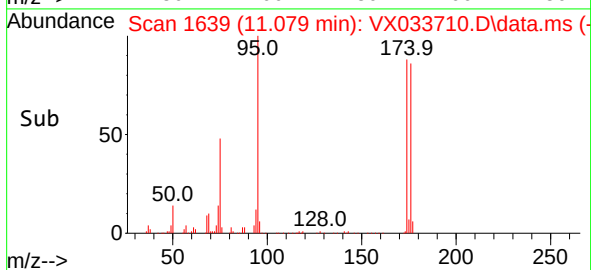
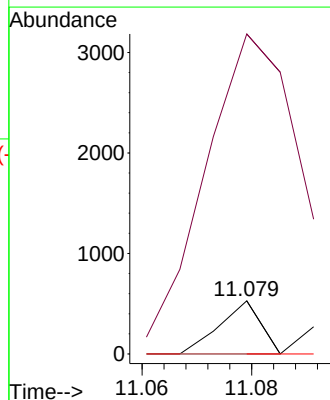
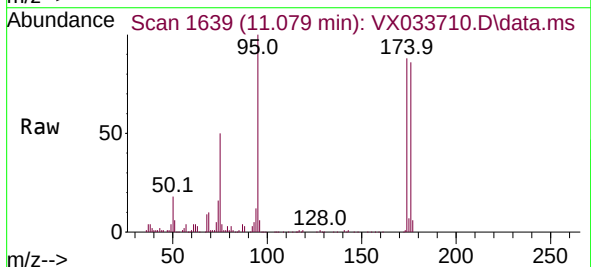
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

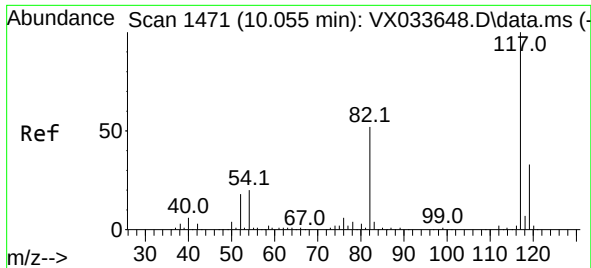
Tgt Ion: 69 Resp: 755
Ion Ratio Lower Upper
69 100
41 55.4 34.3 102.9
39 31.0 18.3 54.9



#56
Bromoform
Concen: 0.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.280 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 173 Resp: 276
Ion Ratio Lower Upper
173 100
175 1471.4 38.2 57.4#
254 0.0 8.6 13.0#

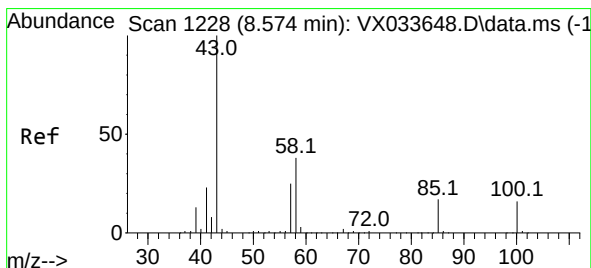
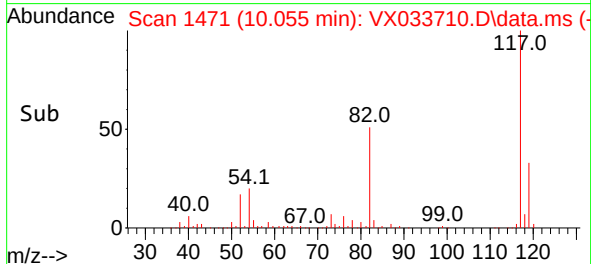
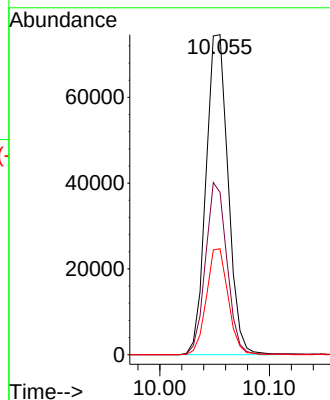
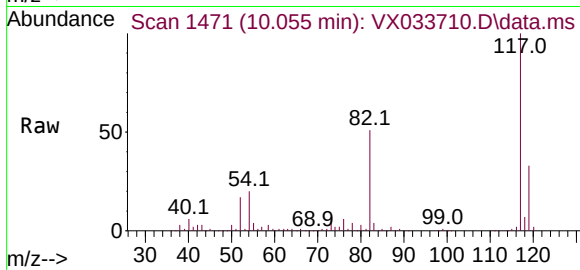




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

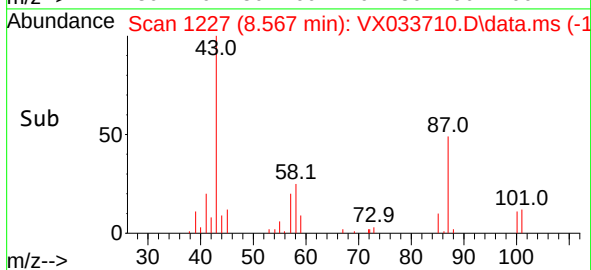
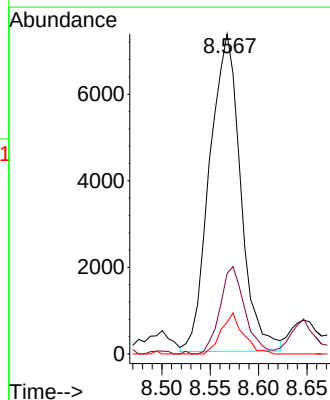
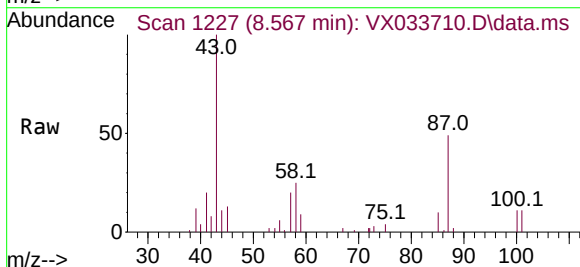
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

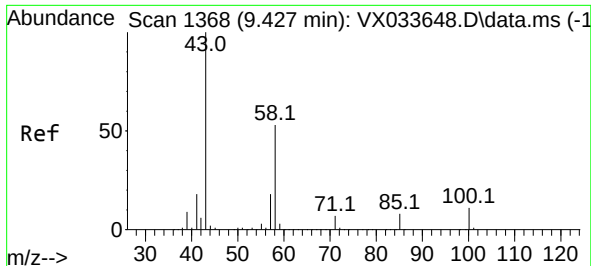
Tgt Ion:117 Resp: 104747
Ion Ratio Lower Upper
117 100
82 52.1 41.9 62.9
119 32.5 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 7.863 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 43 Resp: 16361
Ion Ratio Lower Upper
43 100
58 22.1 30.2 45.4#
85 8.9 13.8 20.8#





#59

2-Hexanone

Concen: 1.726 ug/l

RT: 9.439 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

230111061-02-VOA

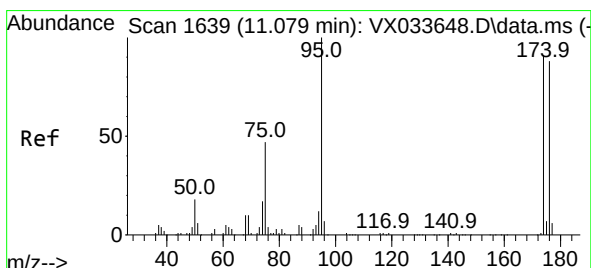
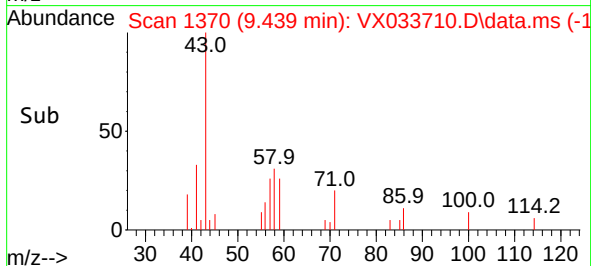
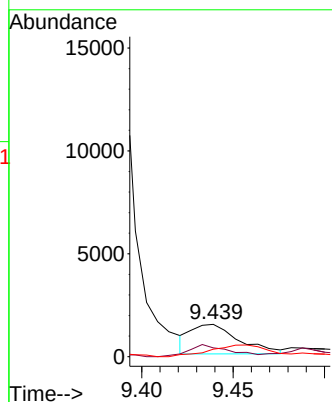
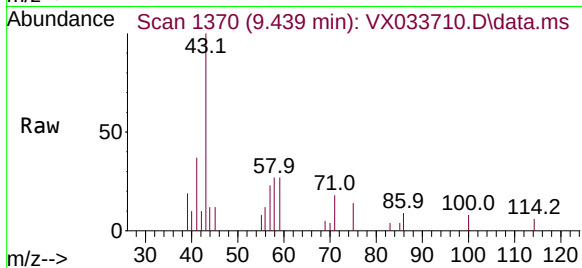
Tgt Ion: 43 Resp: 2643

Ion Ratio Lower Upper

43 100

58 33.7 42.9 64.3#

57 47.3 15.0 22.6#



#60

4-Bromofluorobenzene

Concen: 29.932 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

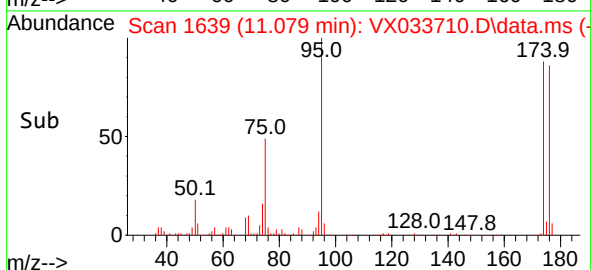
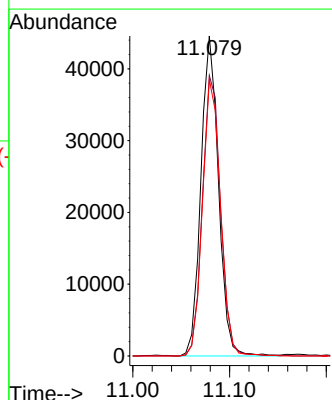
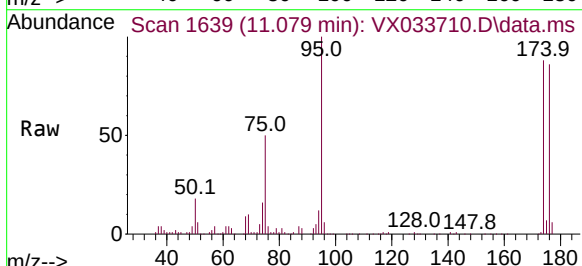
Tgt Ion: 95 Resp: 56508

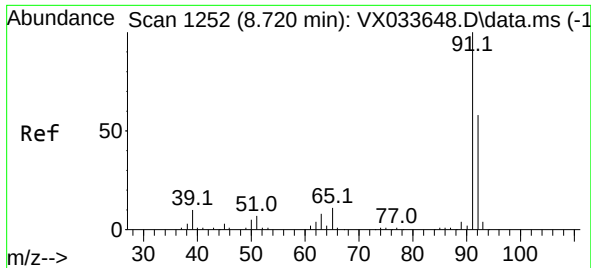
Ion Ratio Lower Upper

95 100

174 90.0 73.7 110.5

176 87.6 71.0 106.4

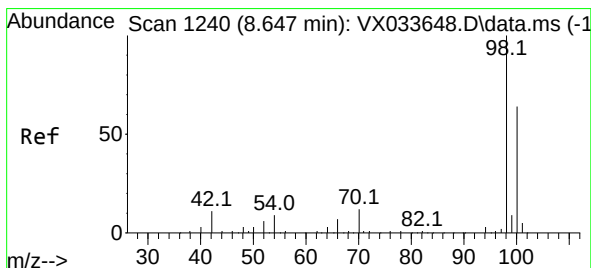
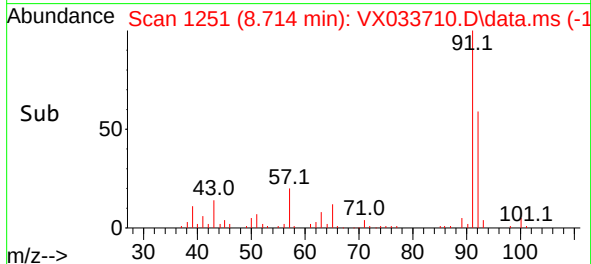
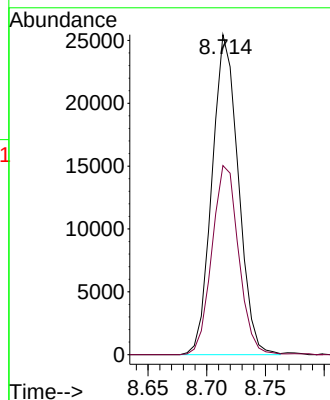
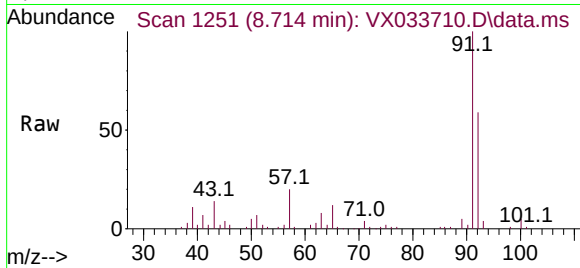




#62
Toluene
Concen: 6.007 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

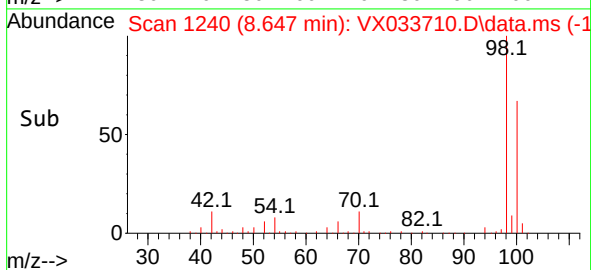
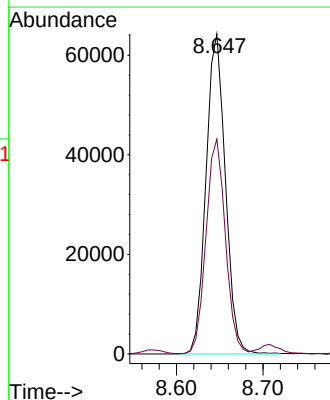
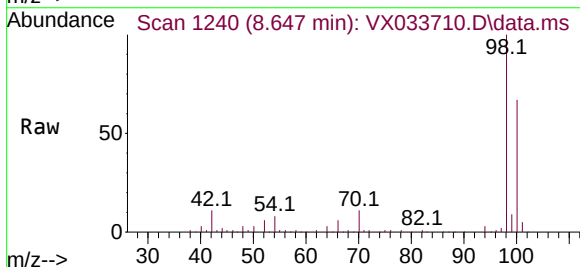
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

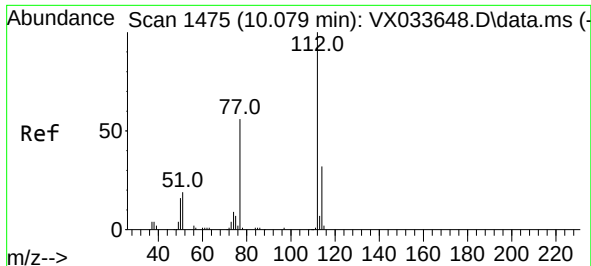
Tgt Ion: 91 Resp: 39608
Ion Ratio Lower Upper
91 100
92 60.0 45.8 68.8



#63
Toluene-d8
Concen: 29.812 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 98 Resp: 99937
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

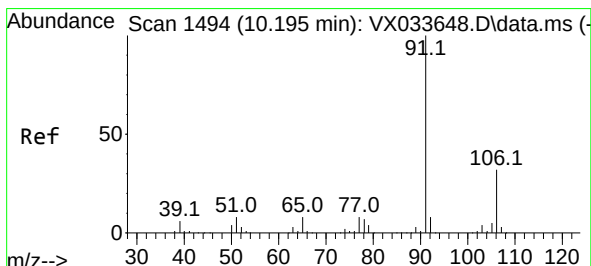
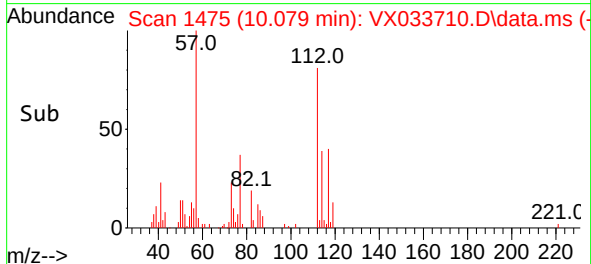
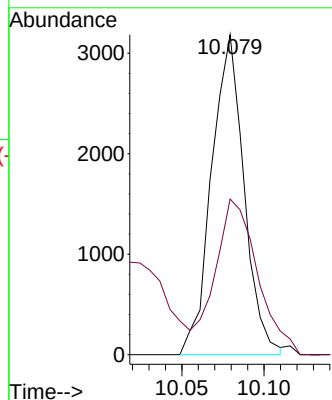
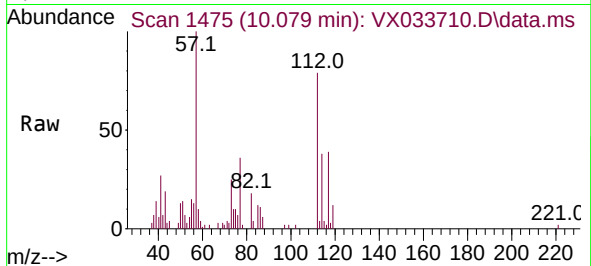




#64
Chlorobenzene
Concen: 1.027 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

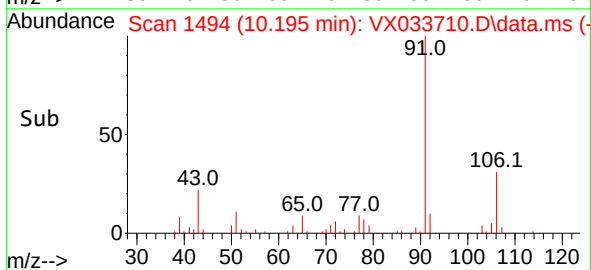
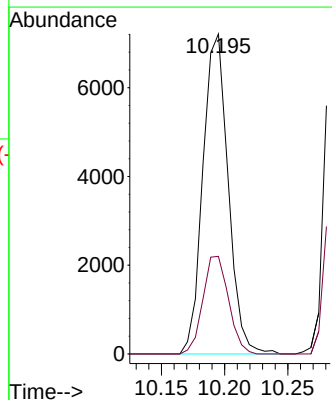
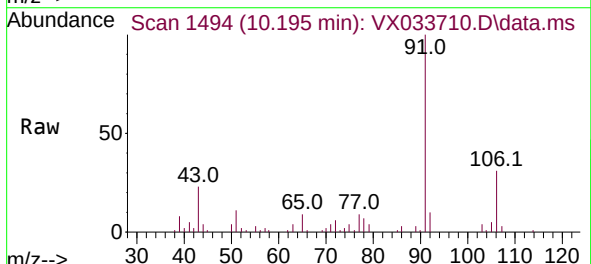
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

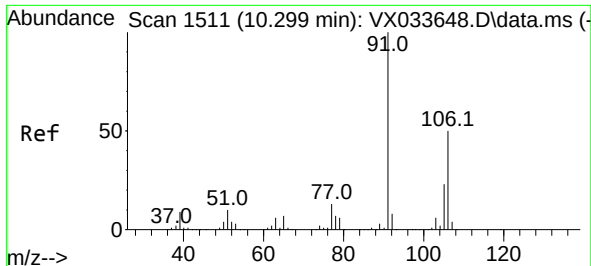
Tgt Ion:112 Resp: 4361
Ion Ratio Lower Upper
112 100
114 41.3 25.6 38.4#



#66
Ethyl Benzene
Concen: 1.367 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 91 Resp: 10053
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8

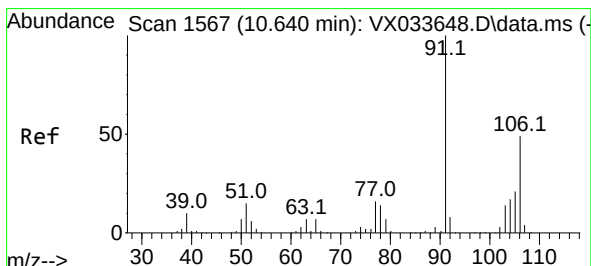
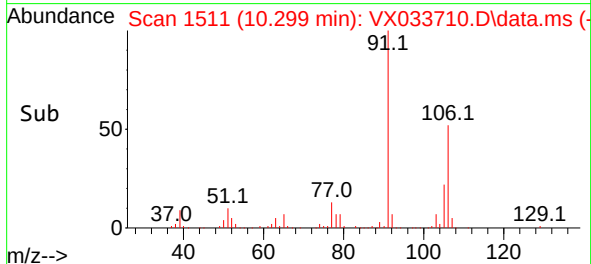
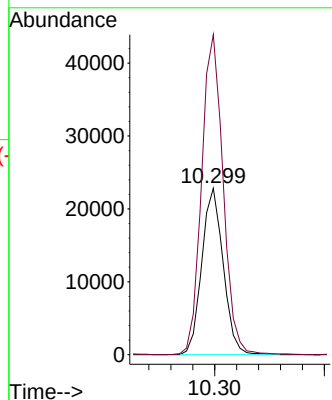
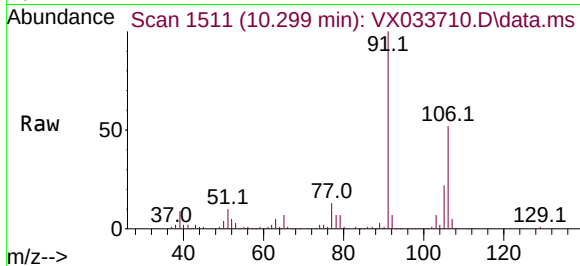




#67
m/p-Xylenes
Concen: 10.685 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

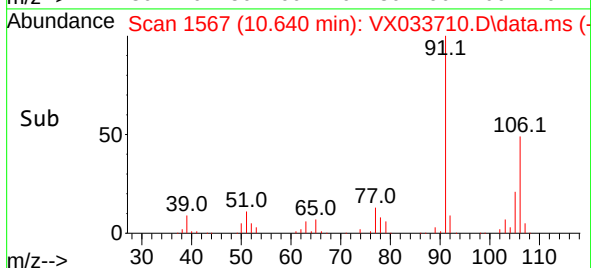
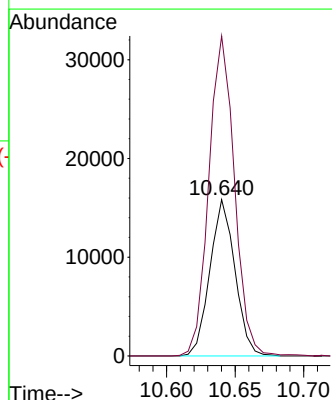
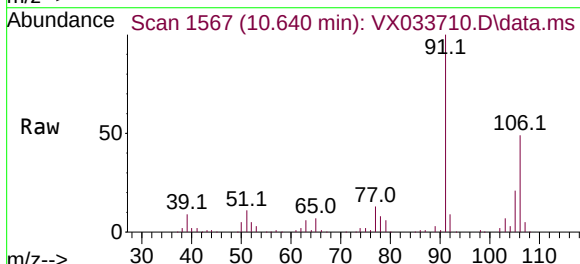
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

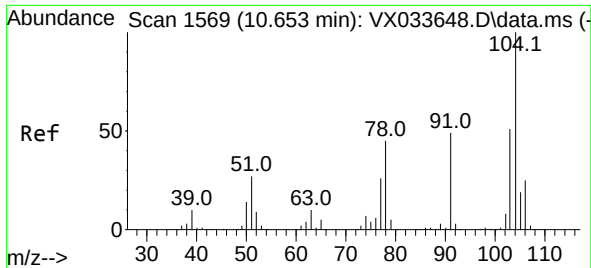
Tgt Ion:106 Resp: 31009
Ion Ratio Lower Upper
106 100
91 193.4 157.3 235.9



#68
o-Xylene
Concen: 7.067 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion:106 Resp: 20158
Ion Ratio Lower Upper
106 100
91 208.8 104.6 313.8

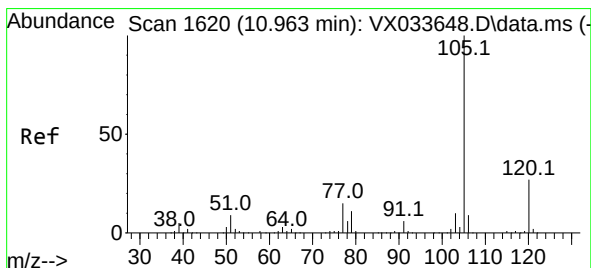
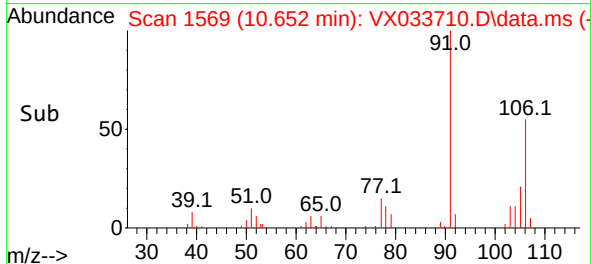
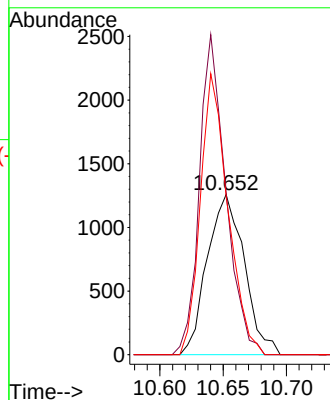
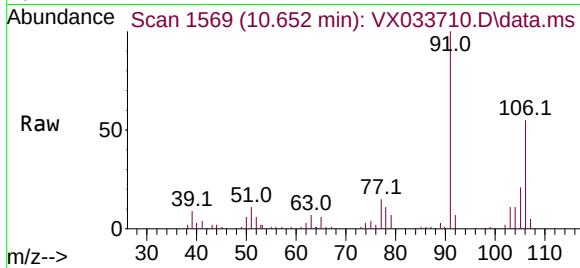




#69
Styrene
Concen: 0.543 ug/l
RT: 10.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

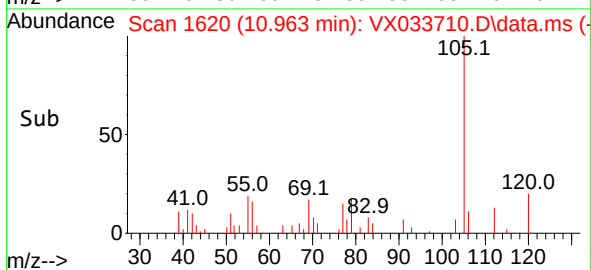
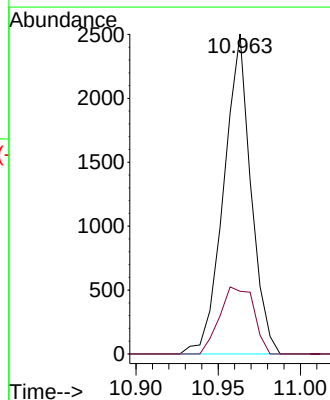
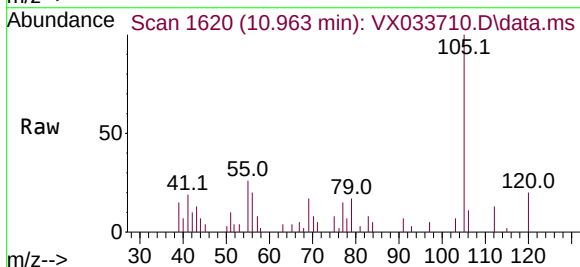
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

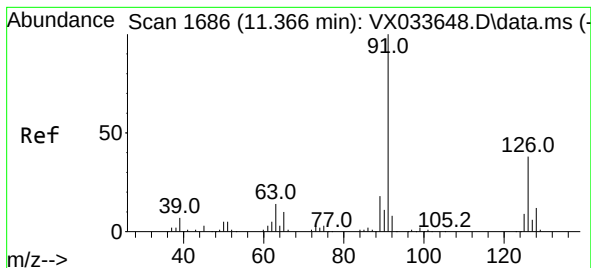
Tgt Ion:104 Resp: 2564
Ion Ratio Lower Upper
104 100
78 142.3 39.3 58.9#
103 130.5 43.2 64.8#



#70
Isopropylbenzene
Concen: 0.390 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion:105 Resp: 2880
Ion Ratio Lower Upper
105 100
120 26.3 18.7 34.7





#75

2-Chlorotoluene

Concen: 0.515 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

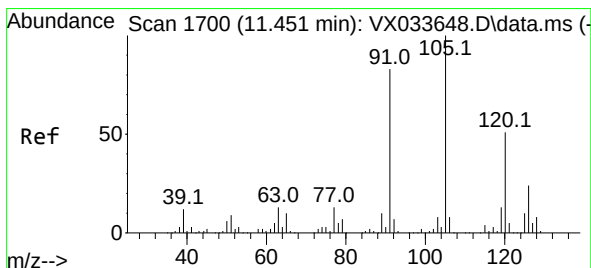
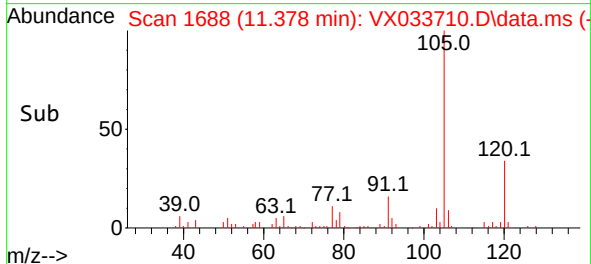
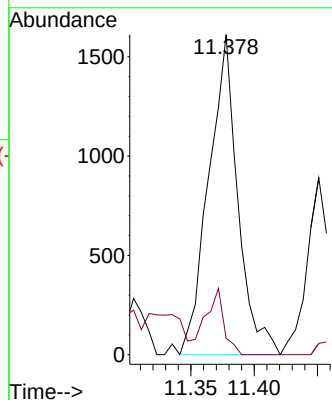
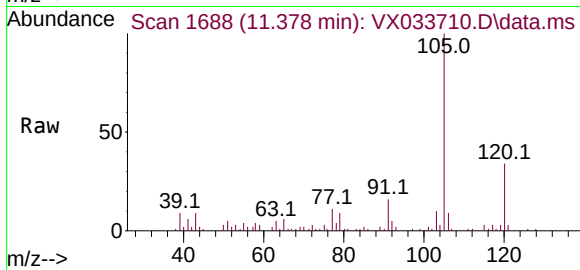
230111061-02-VOA

Tgt Ion: 91 Resp: 2583

Ion Ratio Lower Upper

91 100

126 13.5 0.0 72.0



#76

1,3,5-Trimethylbenzene

Concen: 1.240 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033710.D

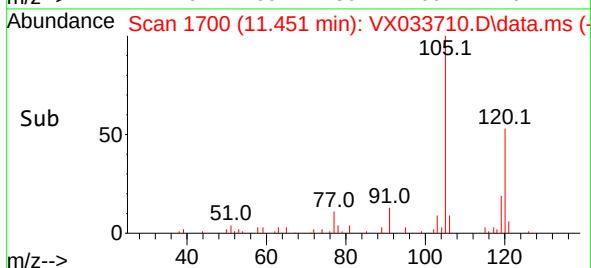
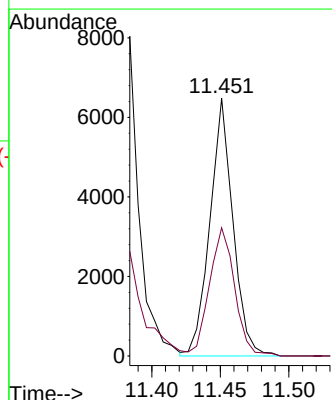
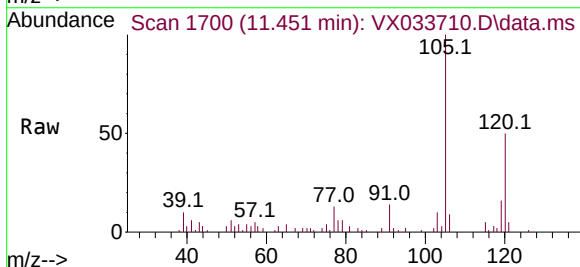
Acq: 12 Jan 2023 14:43

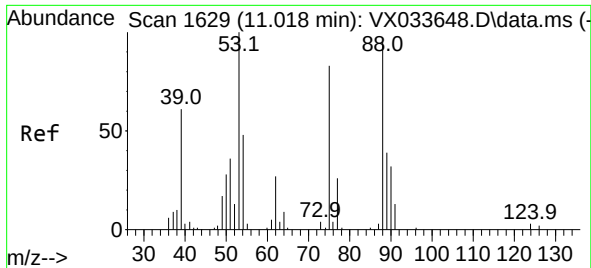
Tgt Ion: 105 Resp: 7605

Ion Ratio Lower Upper

105 100

120 51.2 0.0 100.4

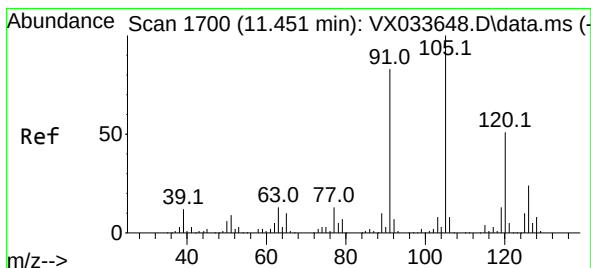
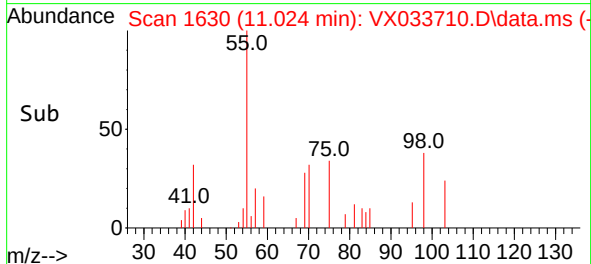
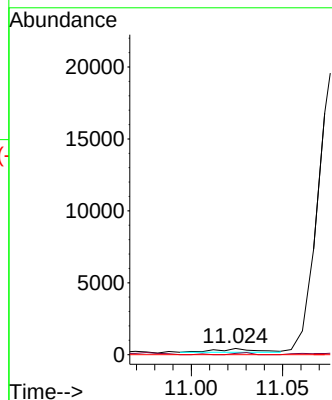
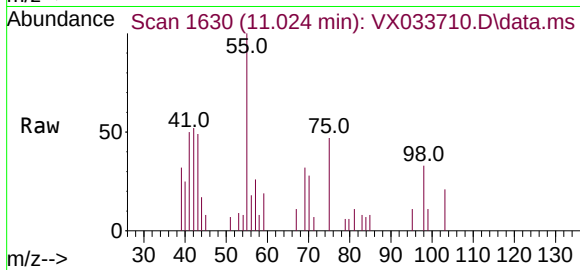




#77
t-1,4-Dichloro-2-butene
Concen: 0.670 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

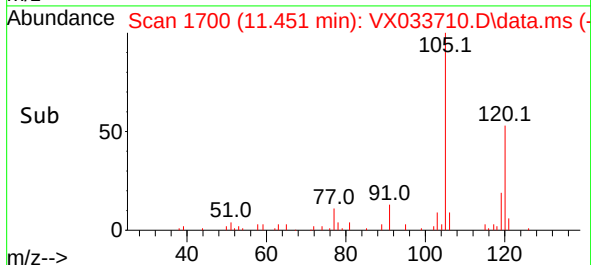
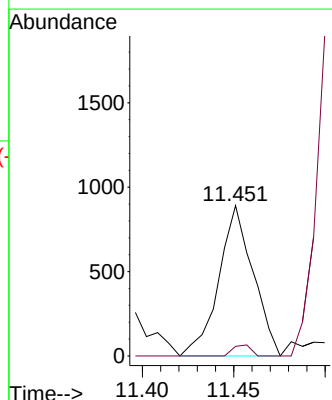
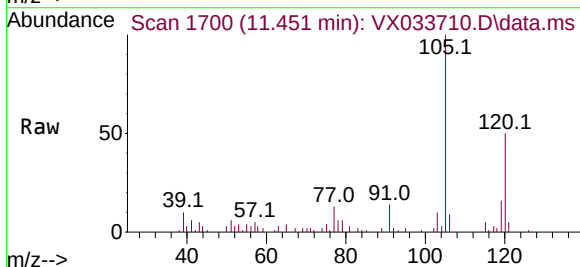
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

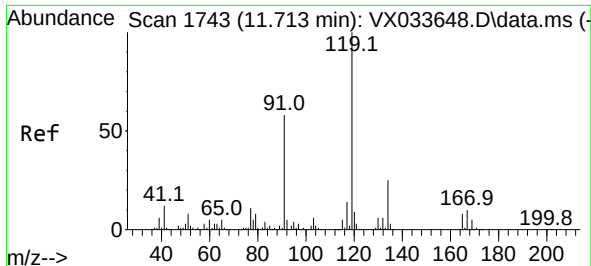
Tgt Ion: 75 Resp: 404
Ion Ratio Lower Upper
75 100
53 30.8 60.2 180.6#
89 0.0 23.2 69.6#



#78
4-Chlorotoluene
Concen: 0.207 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion: 91 Resp: 1166
Ion Ratio Lower Upper
91 100
126 3.9 0.0 63.6

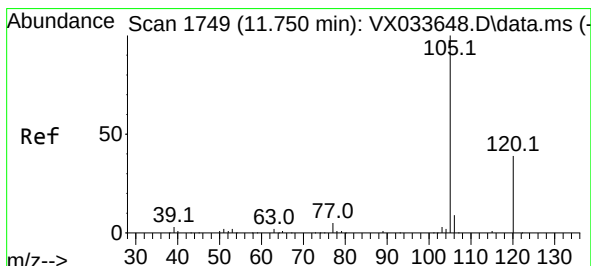
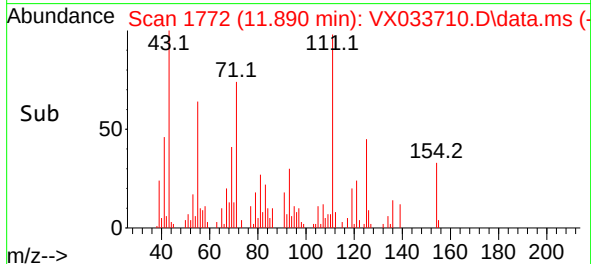
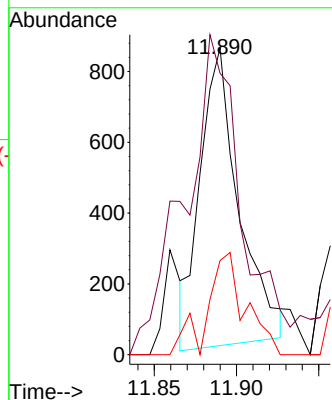
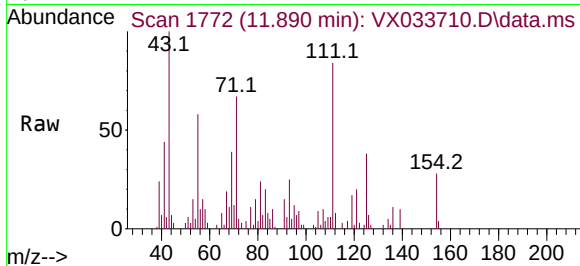




#79
tert-butylbenzene
Concen: 0.220 ug/l
RT: 11.890 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

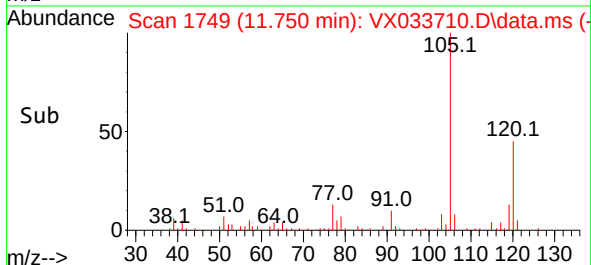
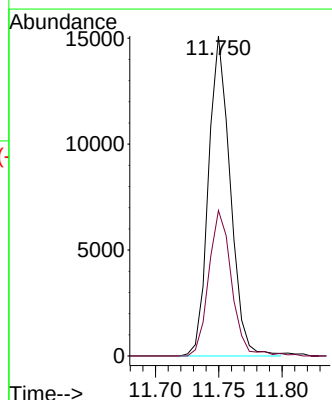
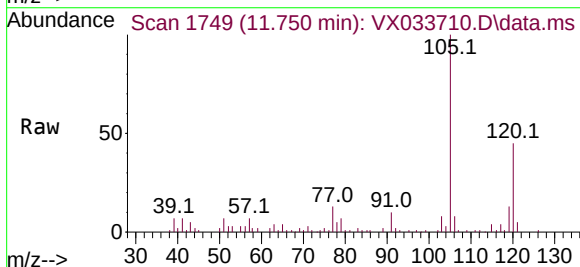
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

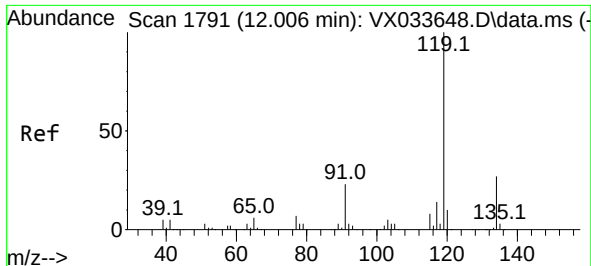
Tgt Ion:119 Resp: 1381
Ion Ratio Lower Upper
119 100
91 60.0 0.0 111.0
134 21.4 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 2.983 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion:105 Resp: 18073
Ion Ratio Lower Upper
105 100
120 46.8 0.0 91.2





#82

p-Isopropyltoluene

Concen: 0.255 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.037 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

230111061-02-VOA

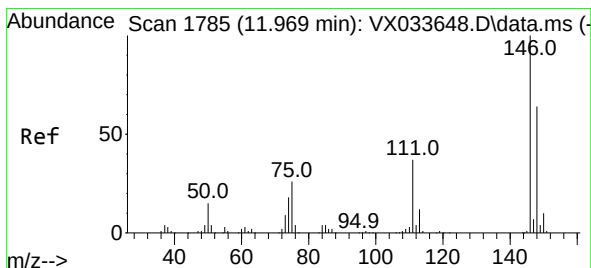
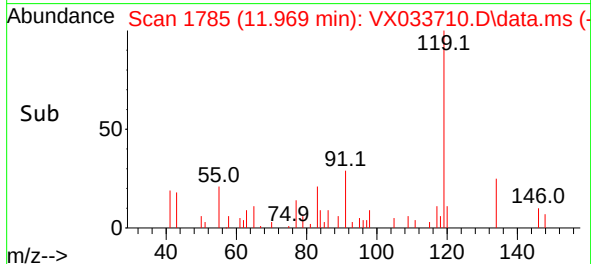
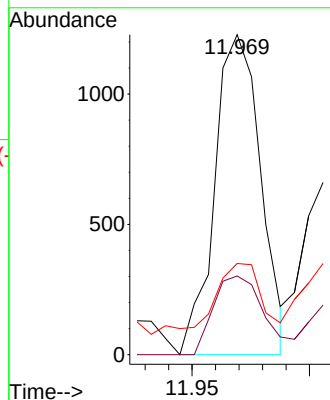
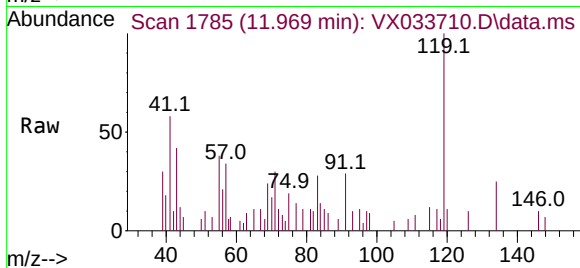
Tgt Ion:119 Resp: 1676

Ion Ratio Lower Upper

119 100

134 27.4 0.0 54.4

91 18.2 0.0 45.2



#83

1,3-Dichlorobenzene

Concen: 3.649 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

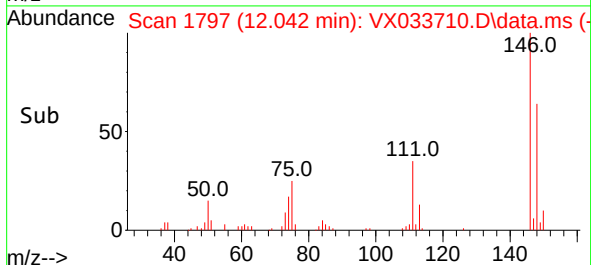
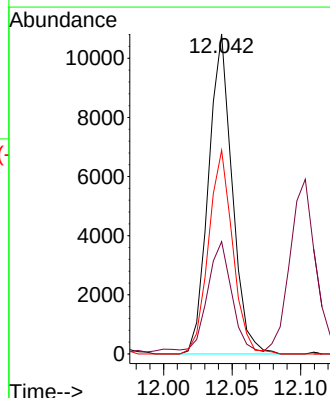
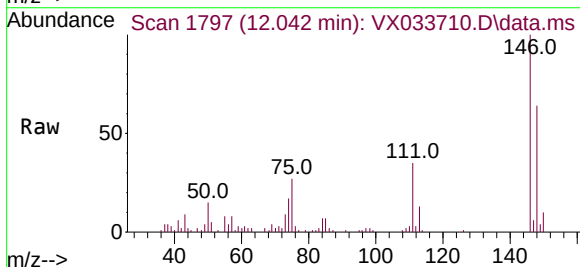
Tgt Ion:146 Resp: 13022

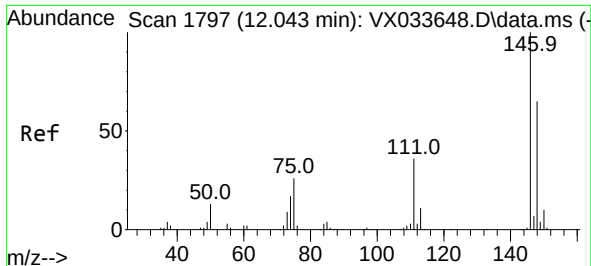
Ion Ratio Lower Upper

146 100

111 34.5 18.8 56.3

148 64.7 31.7 95.1

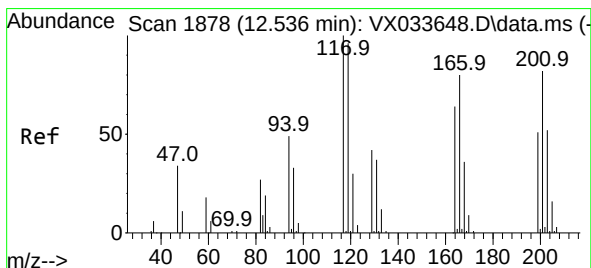
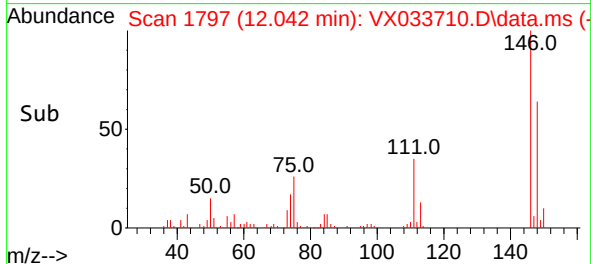
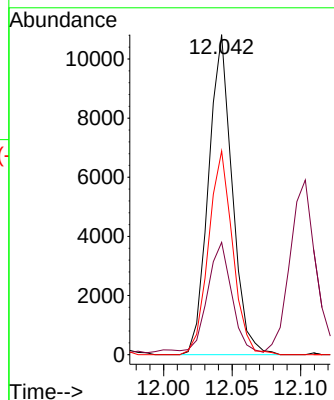
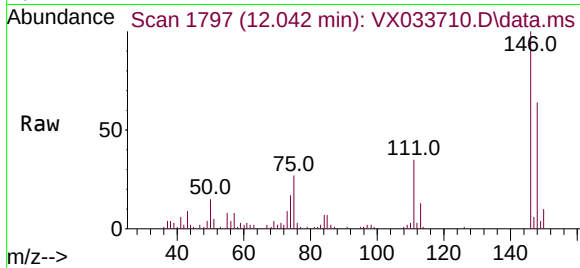




#84
1,4-Dichlorobenzene
Concen: 3.659 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

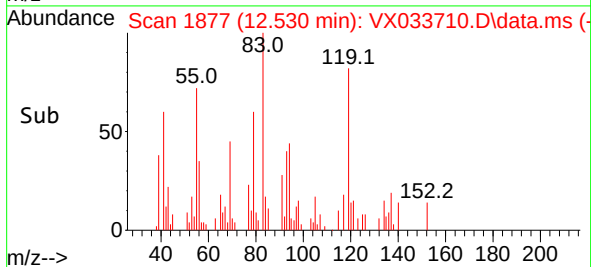
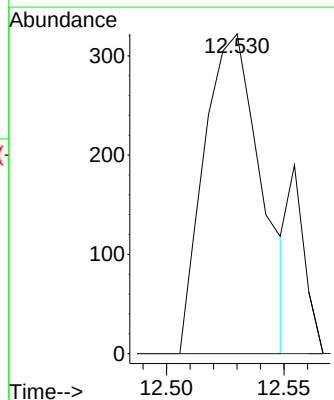
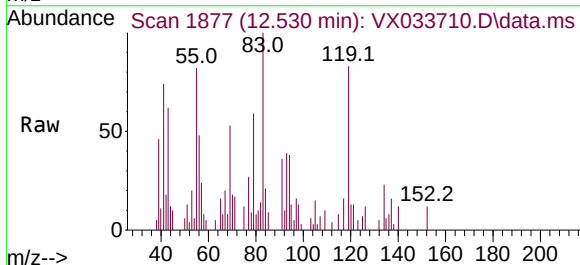
Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA

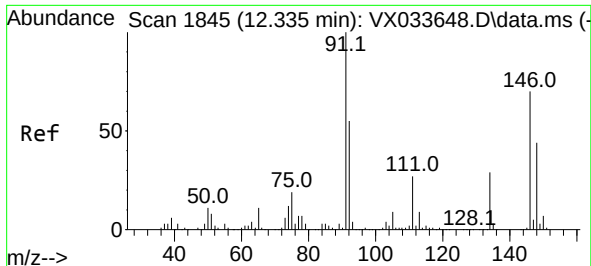
Tgt Ion:146 Resp: 13022
Ion Ratio Lower Upper
146 100
111 34.5 18.3 54.9
148 64.7 31.9 95.7



#86
Hexachloroethane
Concen: 0.508 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Tgt Ion:117 Resp: 543
Ion Ratio Lower Upper
117 100
201 0.0 45.0 135.0#





#87

1,2-Dichlorobenzene

Concen: 3.788 ug/l

RT: 12.042 min Scan# 1

Delta R.T. -0.293 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

230111061-02-VOA

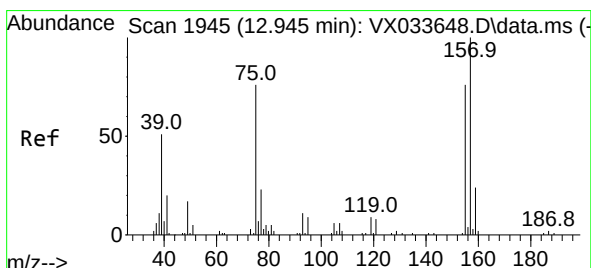
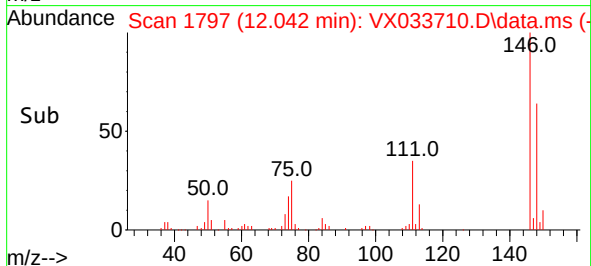
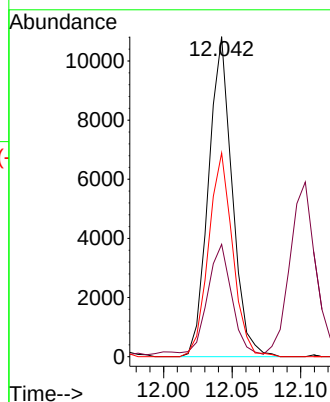
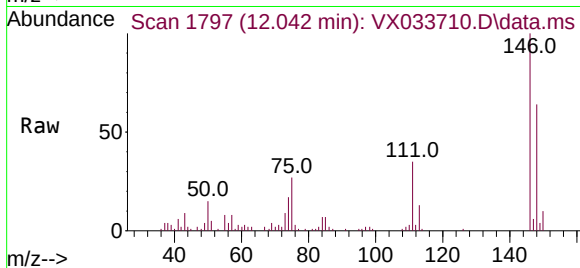
Tgt Ion:146 Resp: 13022

Ion Ratio Lower Upper

146 100

111 34.5 19.7 59.0

148 64.7 31.9 95.9



#88

1,2-Dibromo-3-Chloropropane

Concen: 0.699 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.012 min

Lab File: VX033710.D

Acq: 12 Jan 2023 14:43

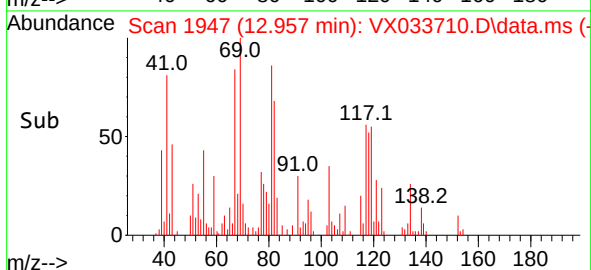
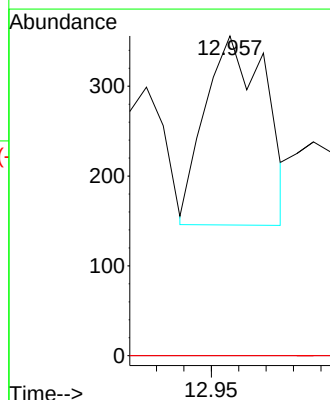
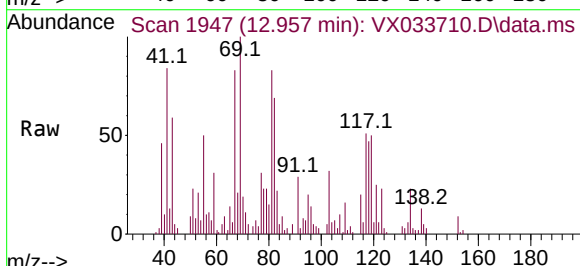
Tgt Ion: 75 Resp: 323

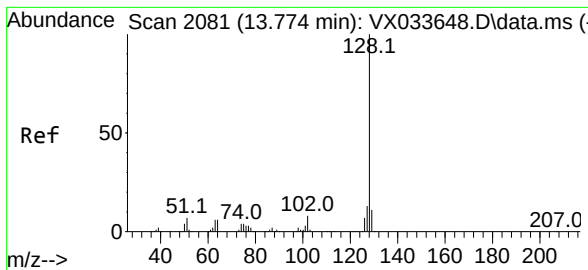
Ion Ratio Lower Upper

75 100

155 0.0 77.6 116.4#

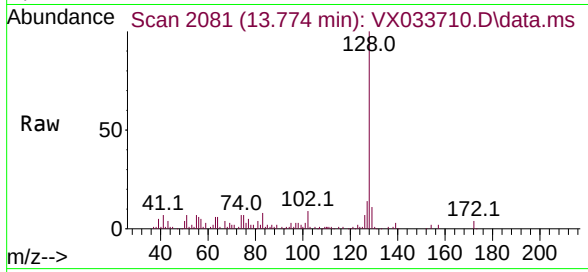
157 0.0 98.0 147.0#





#91
Naphthalene
Concen: 3.729 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033710.D
Acq: 12 Jan 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
230111061-02-VOA



Tgt Ion:	128	Resp:	25893
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2

