

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033975.D
 Acq On : 31 Jan 2023 16:48
 Operator : JC/MD
 Sample : 01370-01DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20230113-H4-STOCKPILEDL

Quant Time: Feb 01 02:15:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

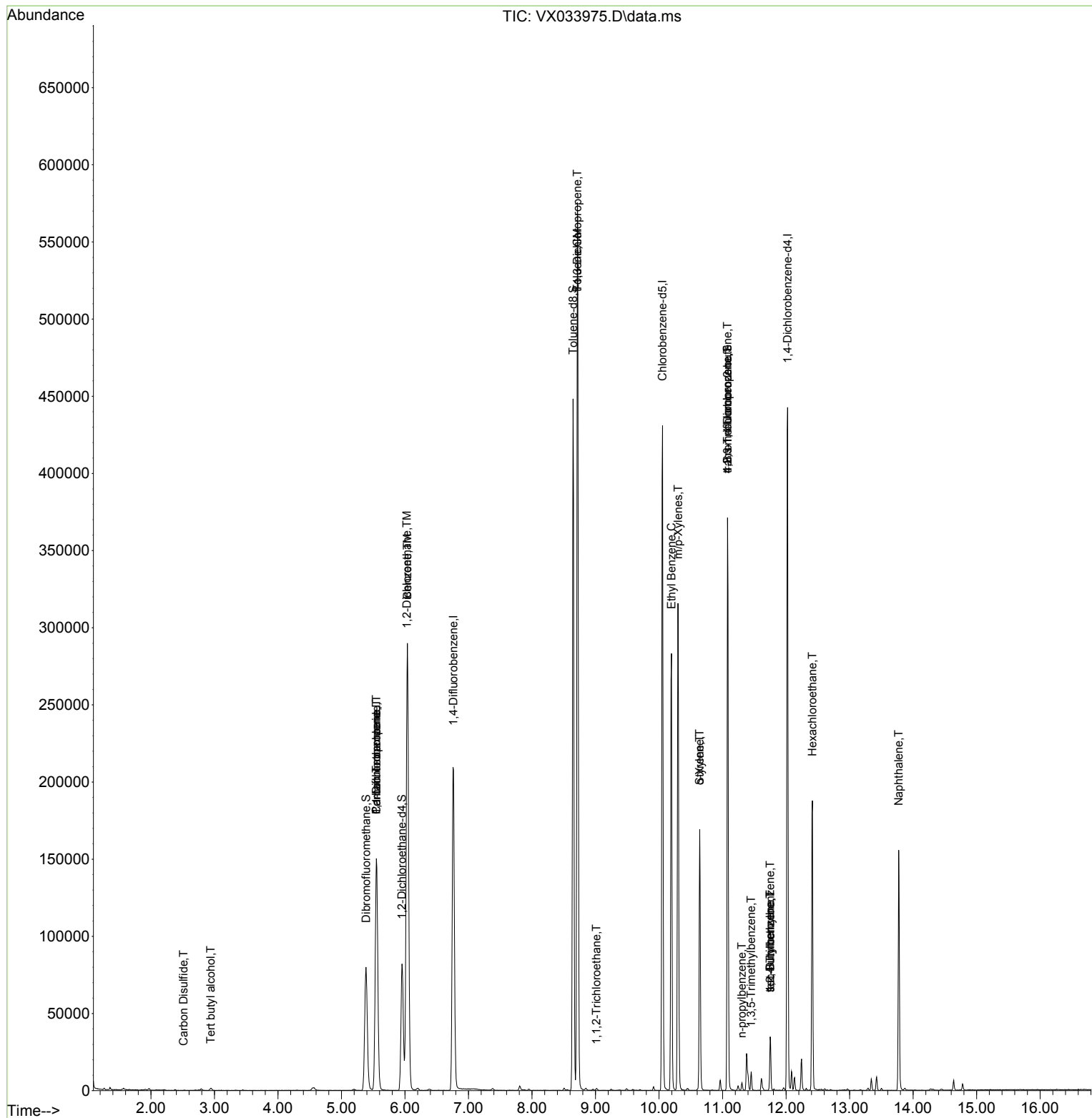
Internal Standards						
1) Pentafluorobenzene	5.550	168	164398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76200	44.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.040%
35) Dibromofluoromethane	5.385	113	70983	48.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	267596	50.353	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	95450	48.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	899	2.990	ug/l #	86
16) Acetone	2.373	43	501	Below Cal	#	88
17) Carbon Disulfide	2.514	76	95	1.849	ug/l #	76
20) Methylene Chloride	2.794	84	457	Below Cal	#	86
36) 1,1-Dichloropropene	5.550	75	9192	4.318	ug/l #	48
37) Ethyl Acetate	4.538	43	22	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	13684	6.207	ug/l #	15
40) Benzene	6.037	78	360495	58.100	ug/l	100
42) 1,2-Dichloroethane	6.031	62	3090	1.405	ug/l #	73
52) Toluene	8.714	92	230726	57.582	ug/l	100
53) t-1,3-Dichloropropene	8.714	75	2438	1.165	ug/l #	1
55) 1,1,2-Trichloroethane	9.012	97	1106	0.697	ug/l #	16
67) Ethyl Benzene	10.195	91	170300	22.648	ug/l	100
68) m/p-Xylenes	10.299	106	78760	26.779	ug/l	97
69) o-Xylene	10.640	106	38135	13.075	ug/l	99
70) Styrene	10.640	104	2870	0.605	ug/l #	1
73) Isopropylbenzene	10.963	105	3733	Below Cal		99
76) 1,2,3-Trichloropropane	11.079	75	44341	22.776	ug/l #	34
78) n-propylbenzene	11.305	91	3696	0.427	ug/l	97
79) 2-Chlorotoluene	11.378	91	2217	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	11.451	105	5585	0.876	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	44341	70.784	ug/l #	8
82) 4-Chlorotoluene	11.451	91	739	Below Cal	#	43
83) tert-Butylbenzene	11.750	119	2089	0.330	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.750	105	16023	2.657	ug/l	99
85) sec-Butylbenzene	11.750	105	16023	2.116	ug/l #	54
90) Hexachloroethane	12.414	117	7775	7.291	ug/l #	4
95) Naphthalene	13.774	128	101773	15.201	ug/l	99

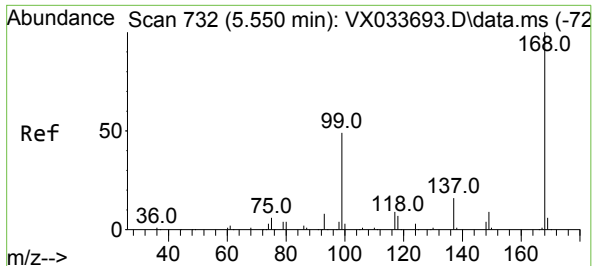
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
Data File : VX033975.D
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20230113-H4-STOCKPILEDL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
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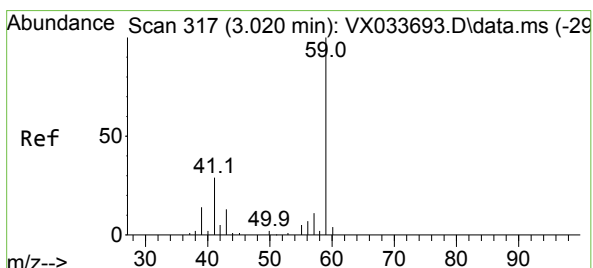
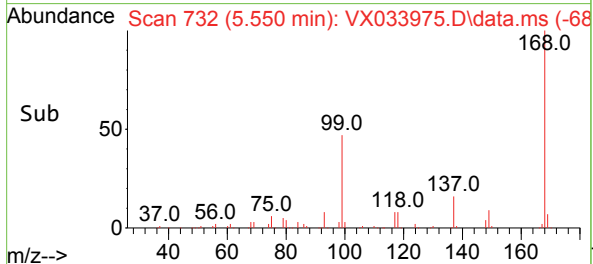
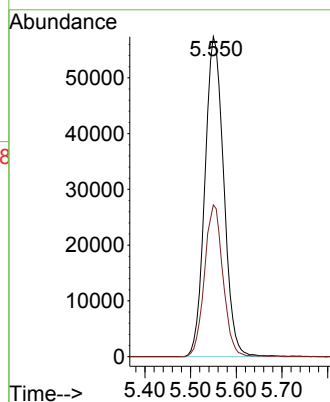
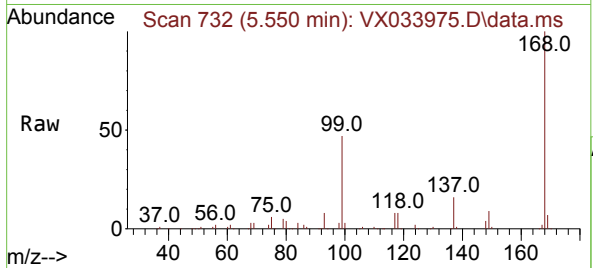




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

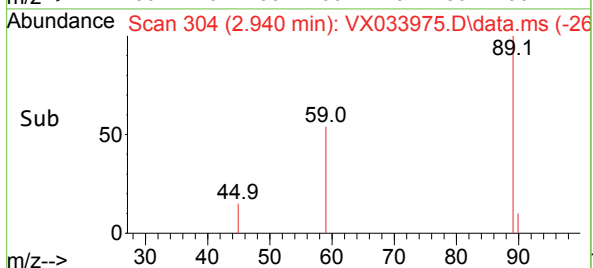
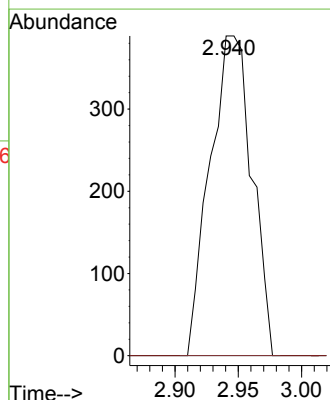
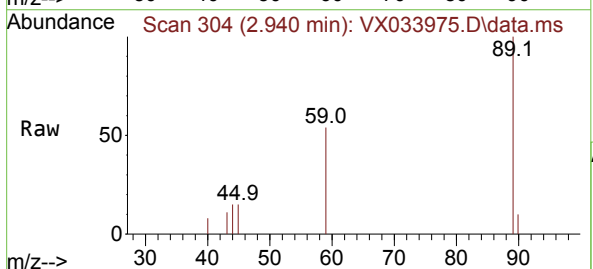
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

Tgt Ion:168 Resp: 164398
Ion Ratio Lower Upper
168 100
99 47.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 2.990 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 59 Resp: 899
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

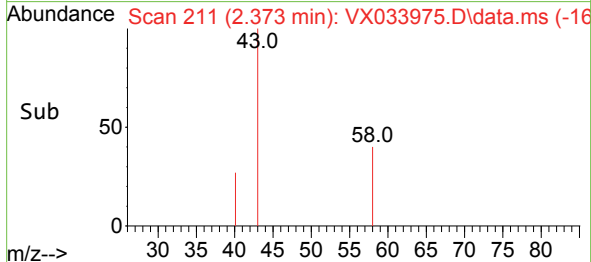
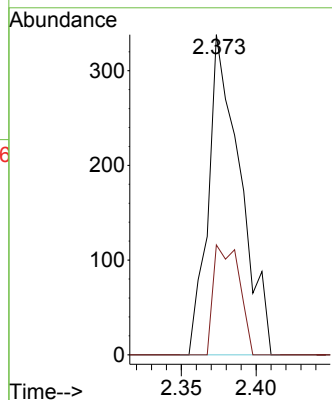
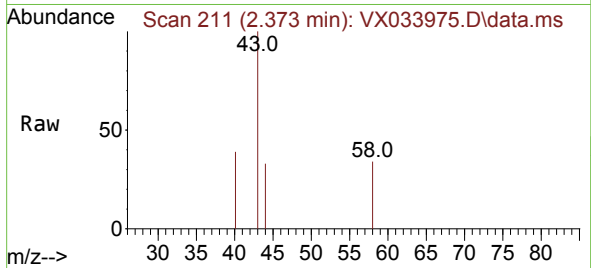




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 215
Delta R.T. -0.025 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

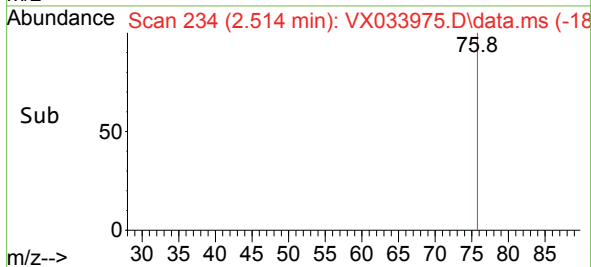
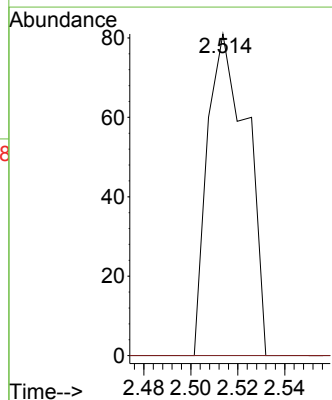
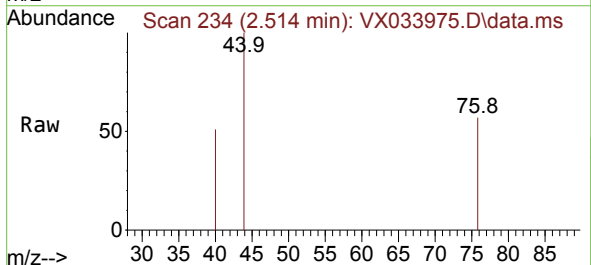
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

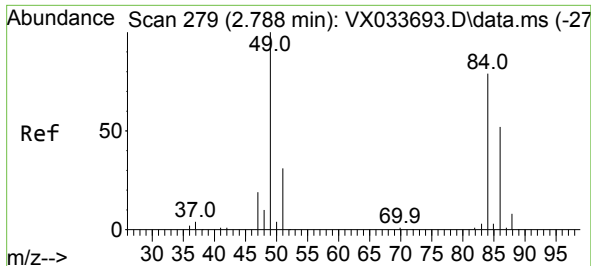
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 34.3 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.849 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 76 Resp: 95
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

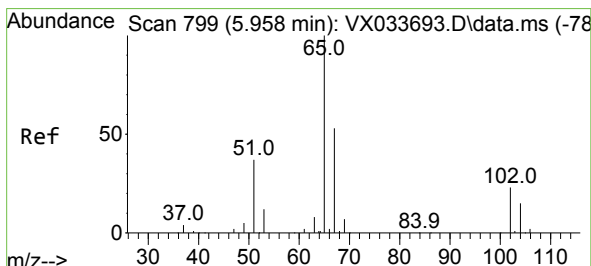
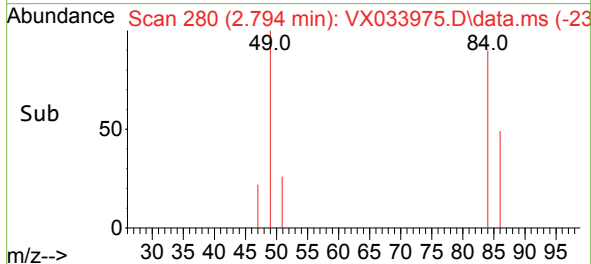
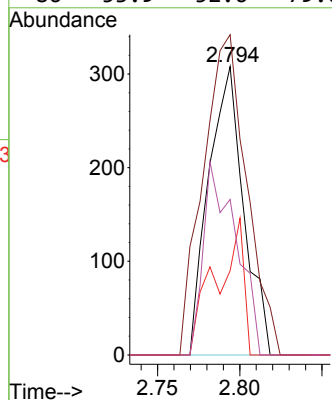
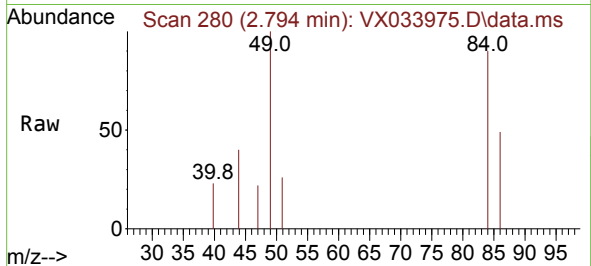




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

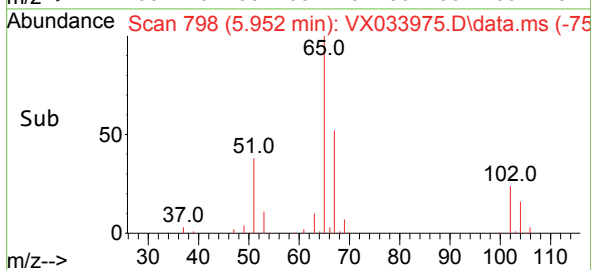
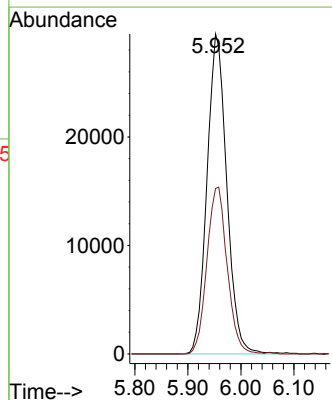
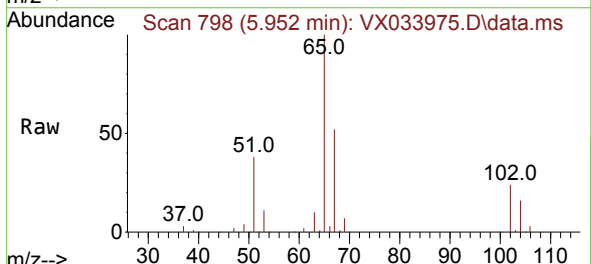
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

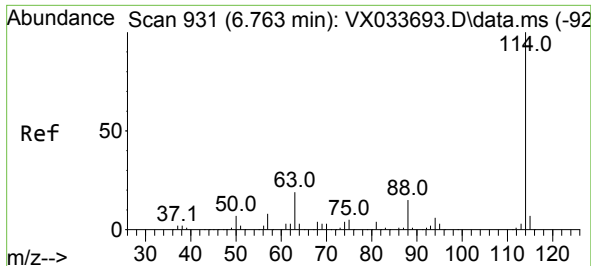
Tgt Ion: 84	Resp:	457
Ion	Ratio	Lower Upper
84	100	
49	111.0	101.1 151.7
51	29.2	31.0 46.6#
86	53.9	52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 44.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 65	Resp:	76200
Ion	Ratio	Lower Upper
65	100	
67	53.5	0.0 104.8

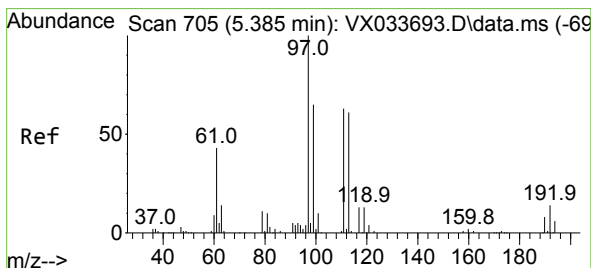
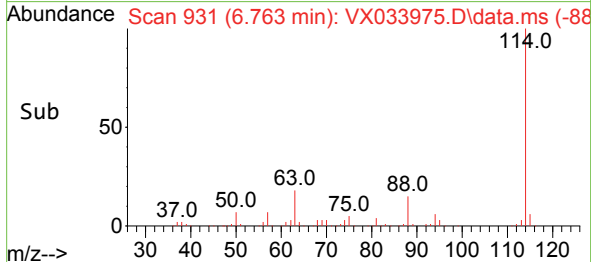
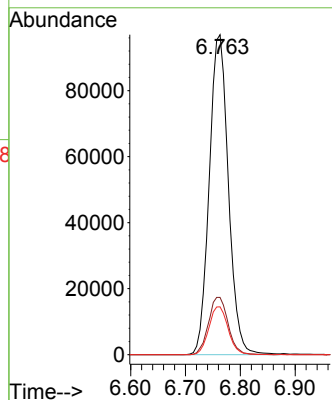
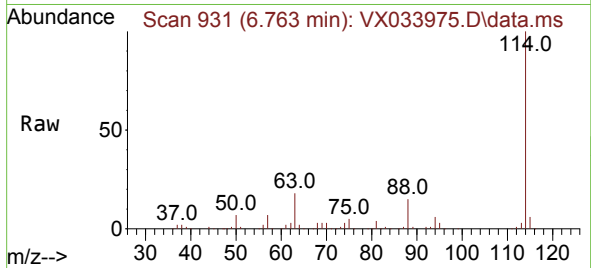




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

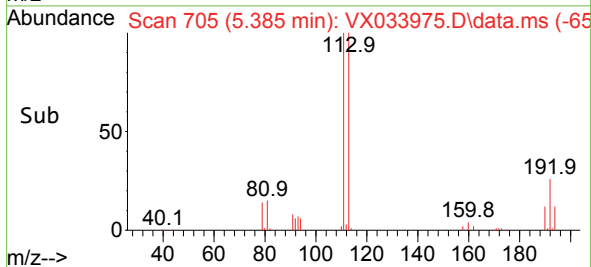
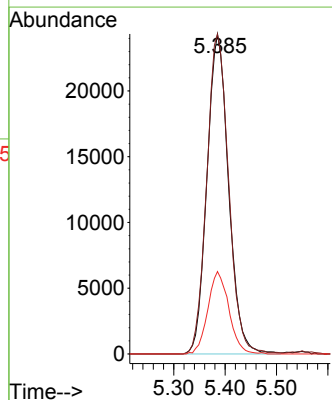
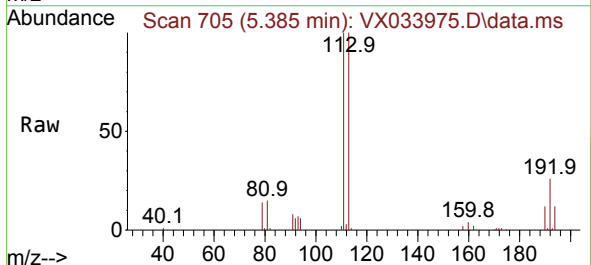
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

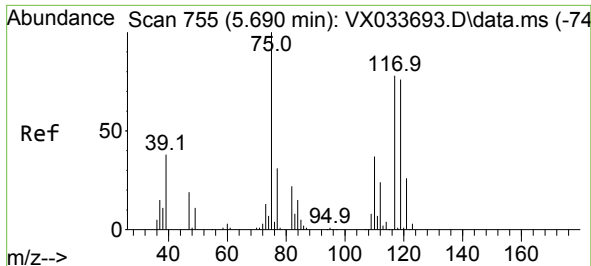
Tgt Ion:114 Resp: 234896
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

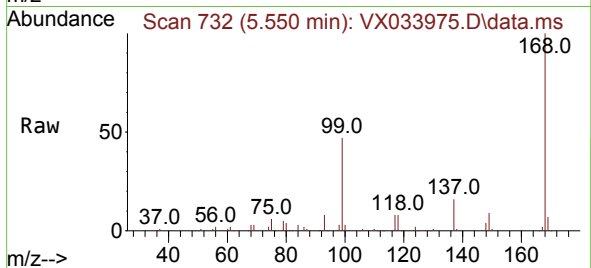
Tgt Ion:113 Resp: 70983
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 25.2 19.0 28.4



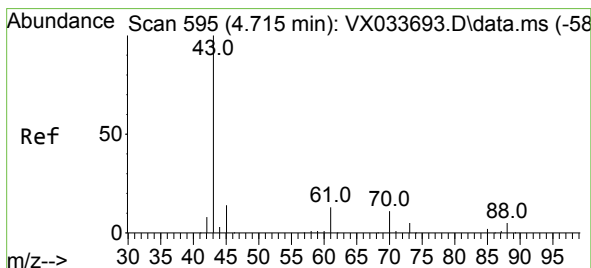
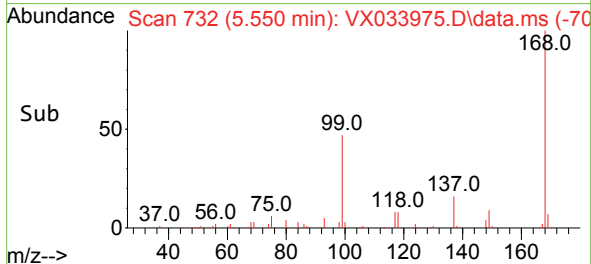
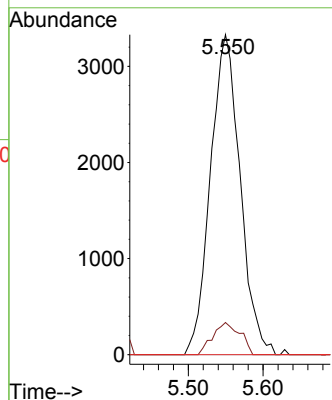


#36
1,1-Dichloropropene
Concen: 4.318 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

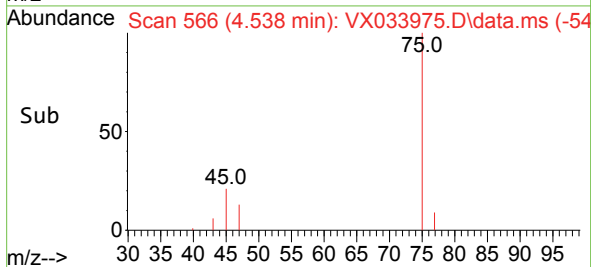
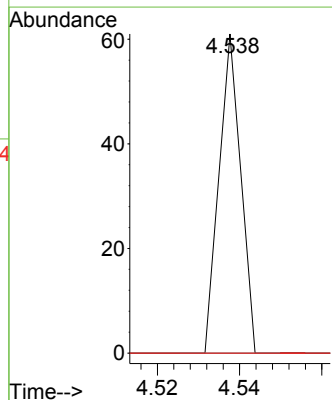
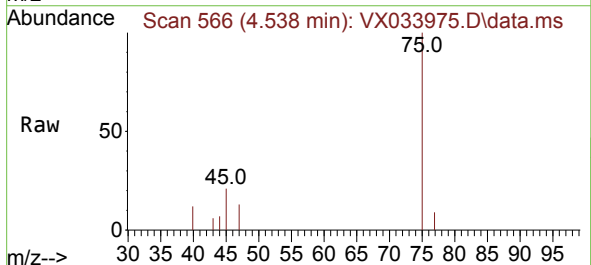


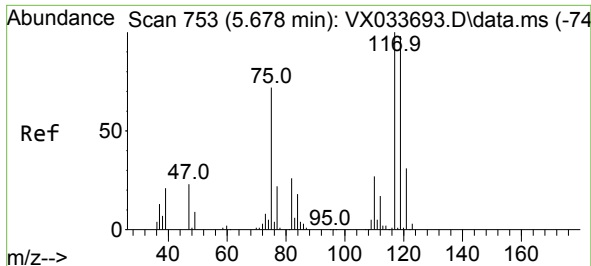
Tgt Ion: 75 Resp: 9192
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.538 min Scan# 566
Delta R.T. -0.177 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

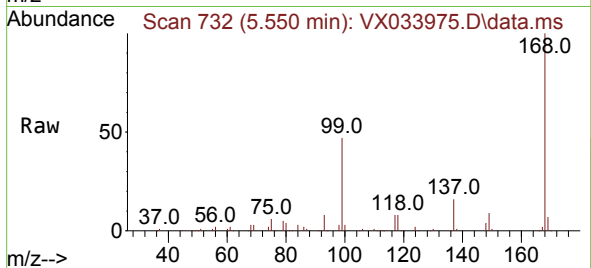
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



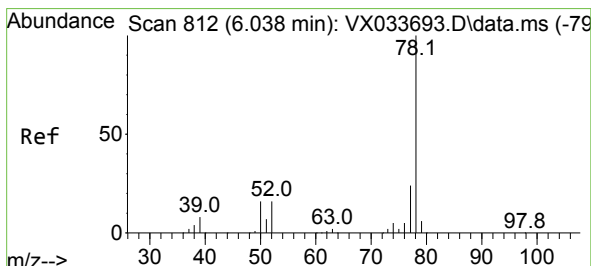
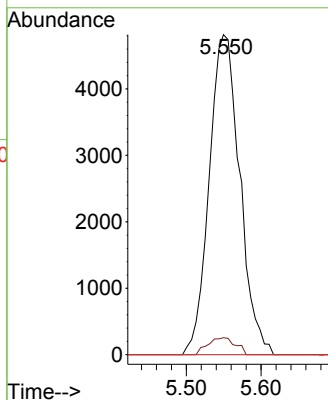
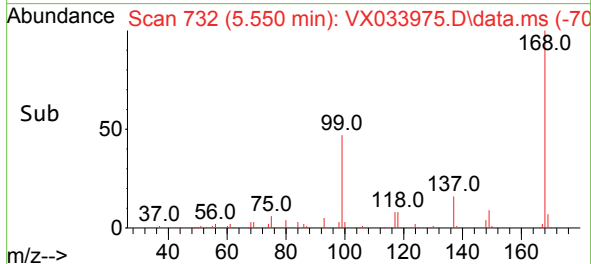


#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Instrument :
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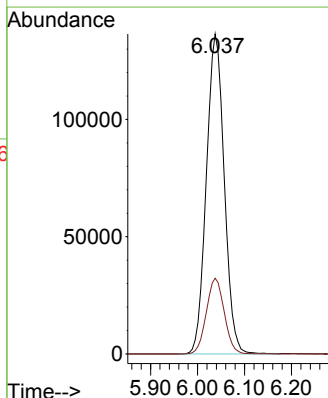
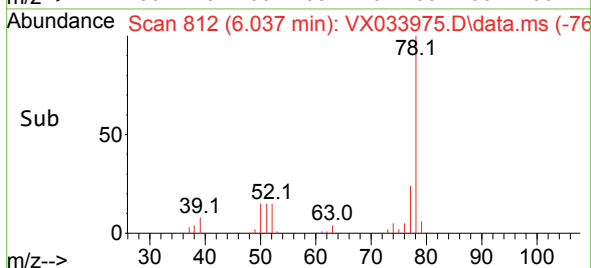
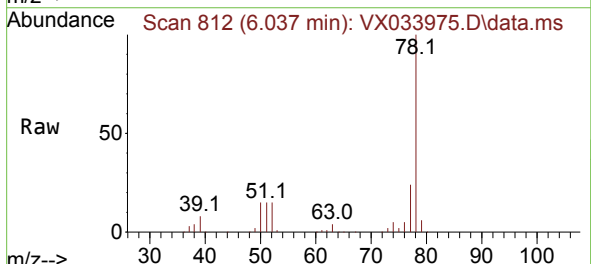


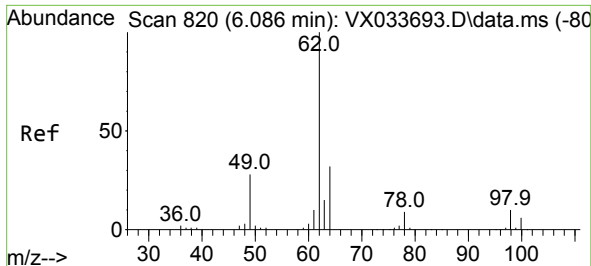
Tgt Ion:117 Resp: 13684
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 58.100 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 78 Resp: 360495
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#42

1,2-Dichloroethane

Concen: 1.405 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.055 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

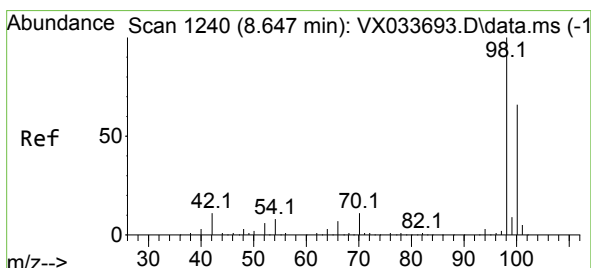
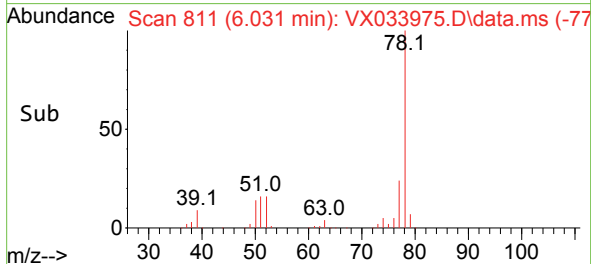
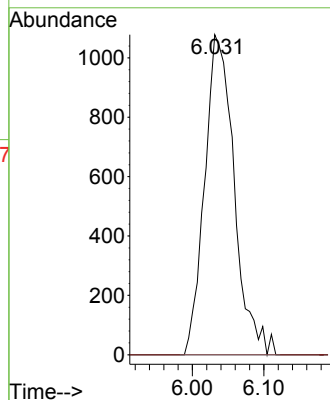
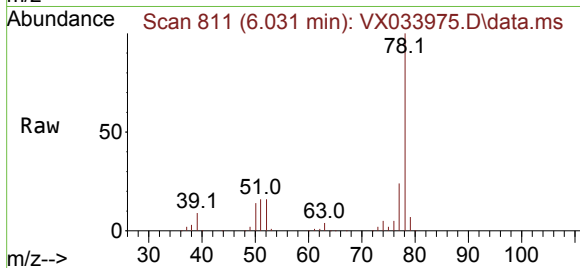
20230113-H4-STOCKPILEDL

Tgt Ion: 62 Resp: 3090

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#50

Toluene-d8

Concen: 50.353 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033975.D

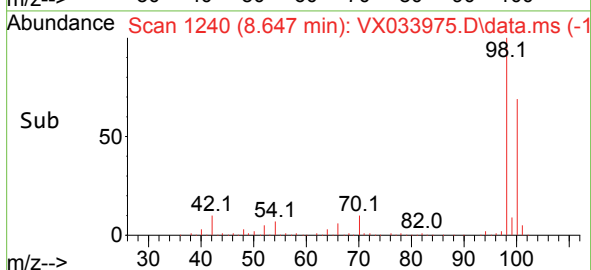
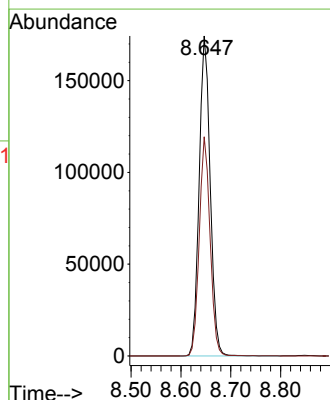
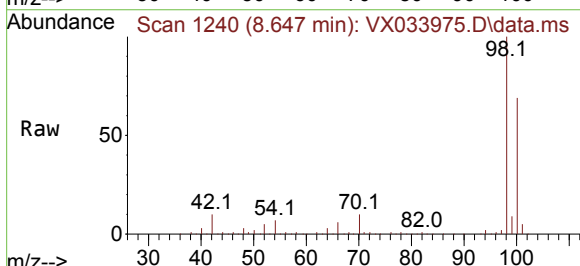
Acq: 31 Jan 2023 16:48

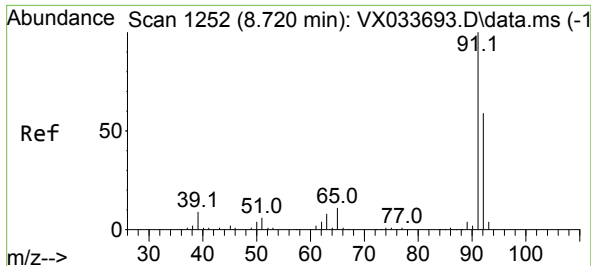
Tgt Ion: 98 Resp: 267596

Ion Ratio Lower Upper

98 100

100 67.2 53.6 80.4

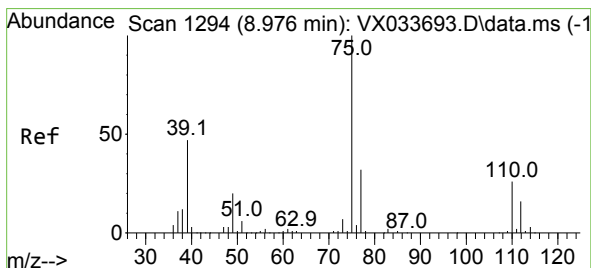
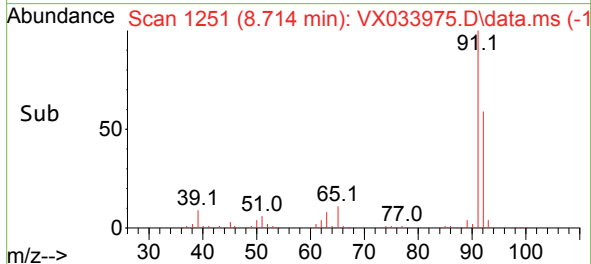
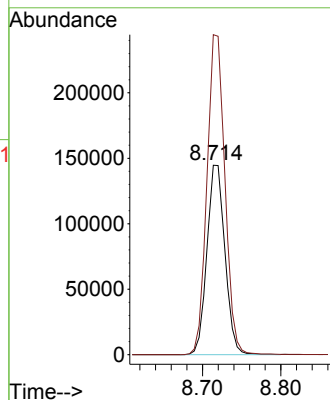
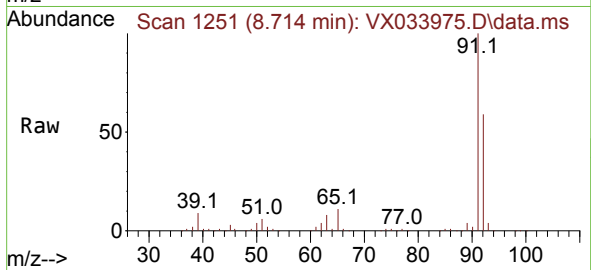




#52
Toluene
Concen: 57.582 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

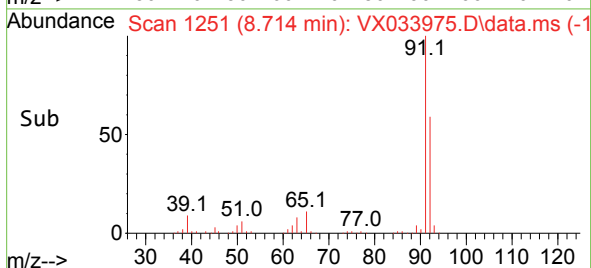
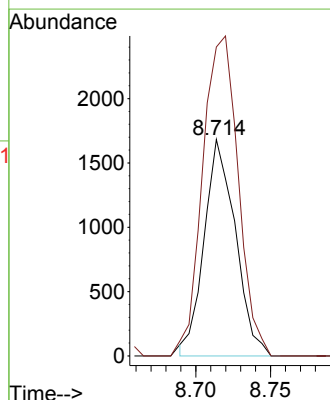
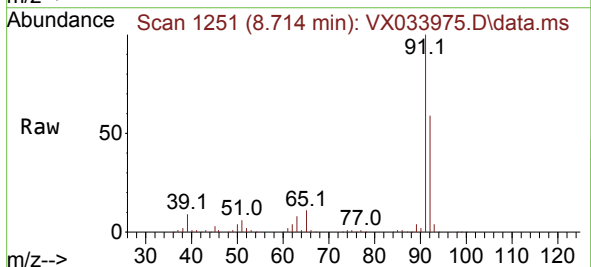
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

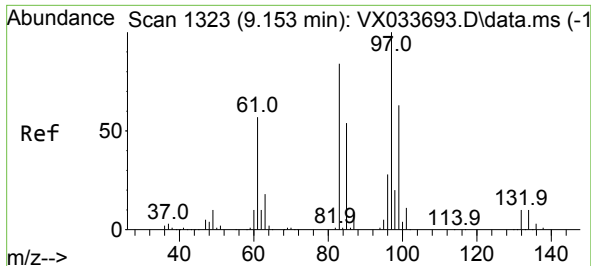
Tgt Ion: 92 Resp: 230726
Ion Ratio Lower Upper
92 100
91 168.8 135.5 203.3



#53
t-1,3-Dichloropropene
Concen: 1.165 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.262 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 75 Resp: 2438
Ion Ratio Lower Upper
75 100
77 142.7 25.5 38.3#

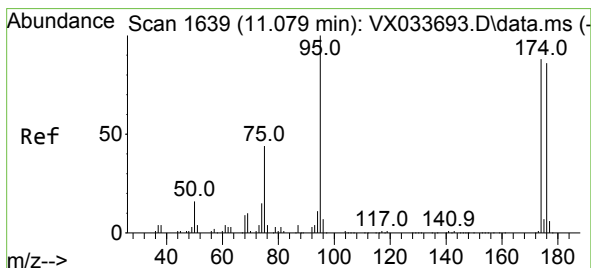
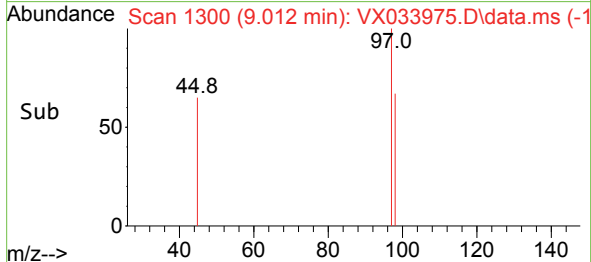
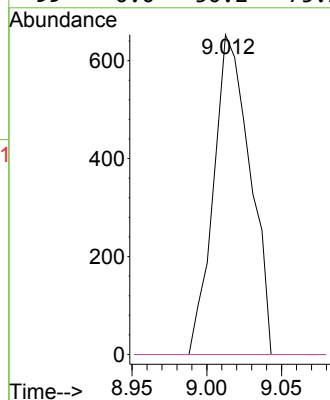
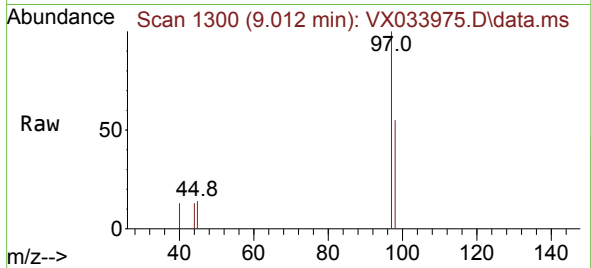




#55
1,1,2-Trichloroethane
Concen: 0.697 ug/l
RT: 9.012 min Scan# 1106
Delta R.T. -0.140 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

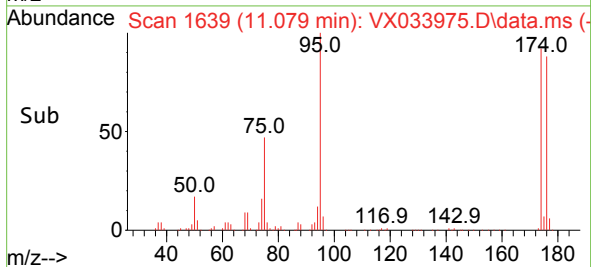
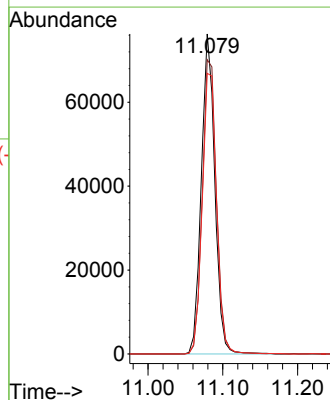
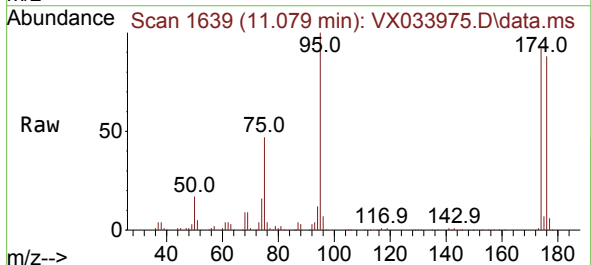
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

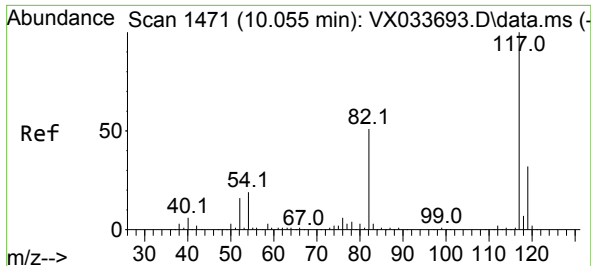
Tgt Ion: 97	Resp:	1106
Ion	Ratio	Lower Upper
97	100	
83	0.0	67.4 101.0#
85	0.0	43.2 64.8#
99	0.0	50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 48.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 95	Resp:	95450
Ion	Ratio	Lower Upper
95	100	
174	96.9	0.0 184.4
176	93.5	0.0 178.8

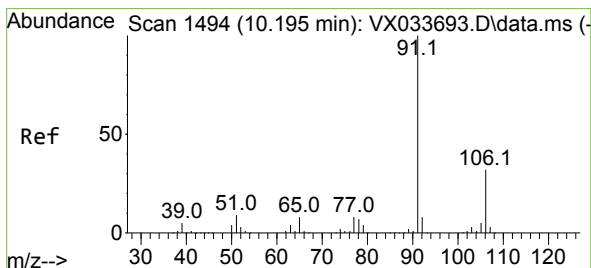
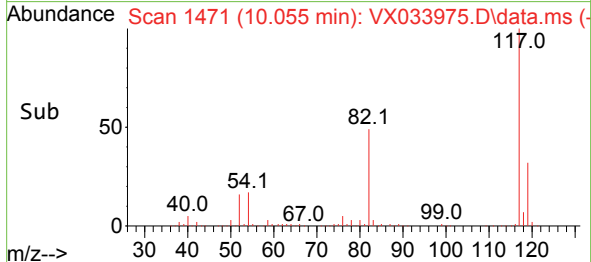
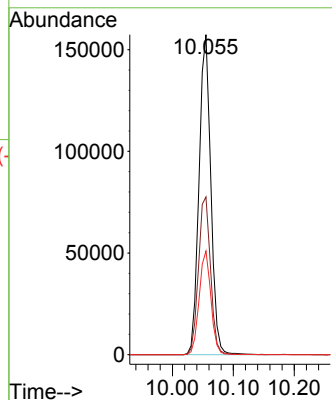
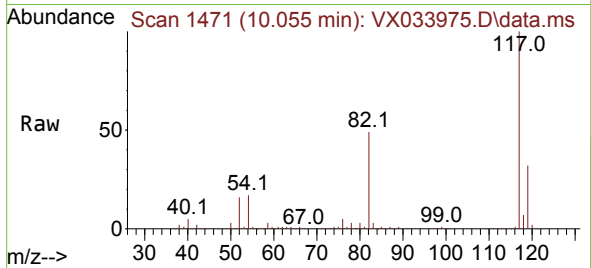




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

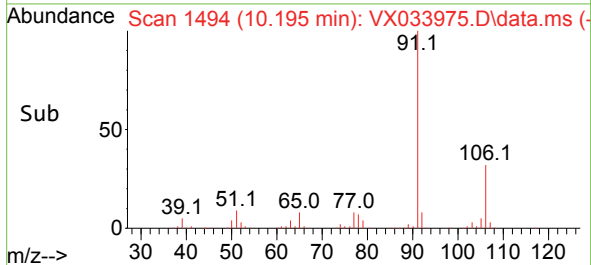
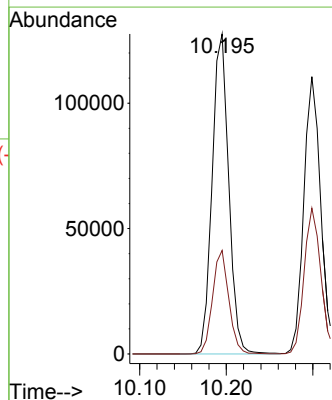
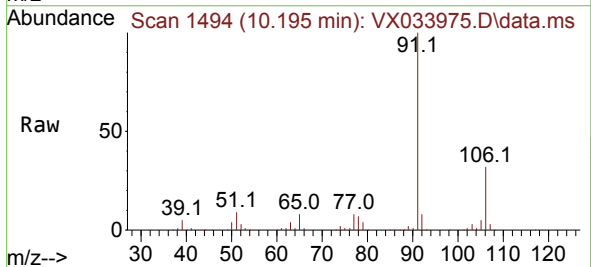
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

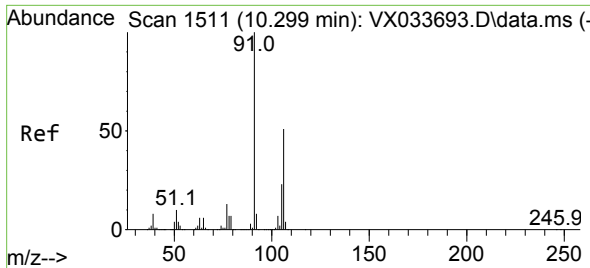
Tgt Ion:117 Resp: 211547
Ion Ratio Lower Upper
117 100
82 49.3 40.6 60.8
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 22.648 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 91 Resp: 170300
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

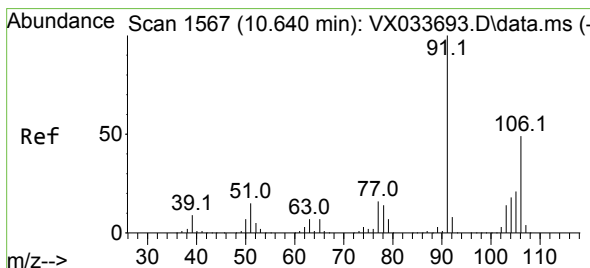
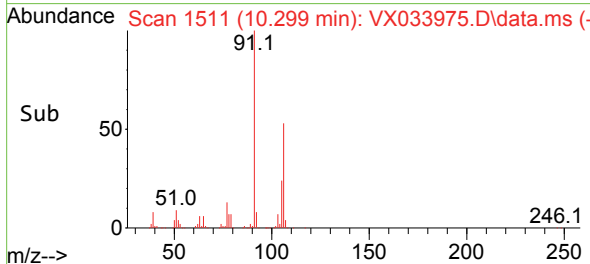
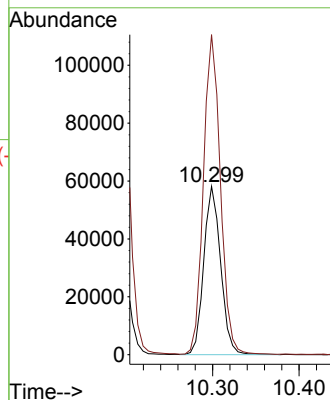
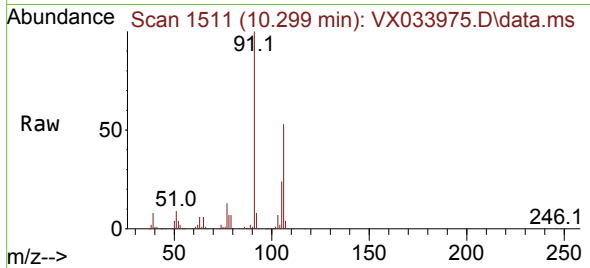




#68
m/p-Xylenes
Concen: 26.779 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

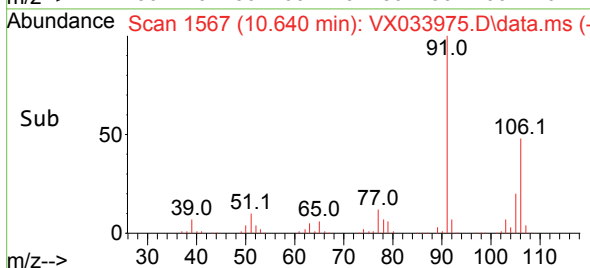
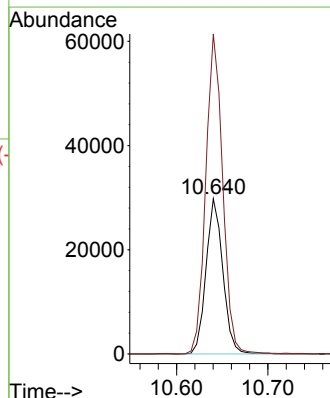
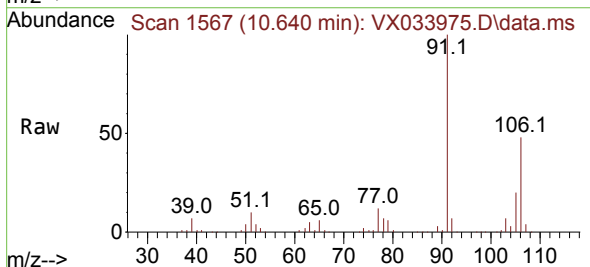
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

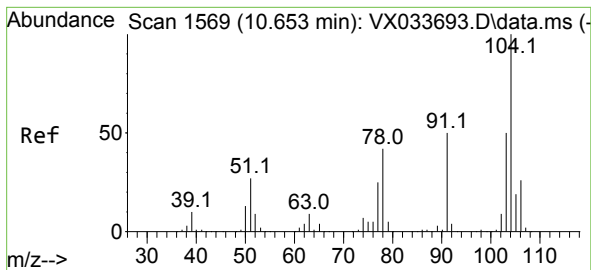
Tgt Ion:106 Resp: 78760
Ion Ratio Lower Upper
106 100
91 190.6 156.4 234.6



#69
o-Xylene
Concen: 13.075 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion:106 Resp: 38135
Ion Ratio Lower Upper
106 100
91 207.4 103.1 309.3





#70

Styrene

Concen: 0.605 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILEDL

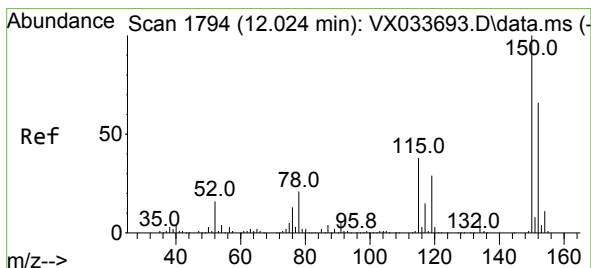
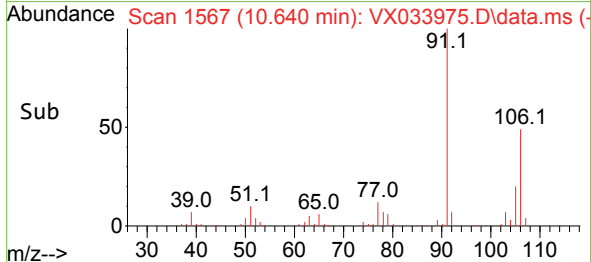
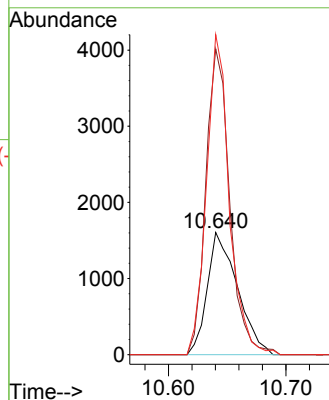
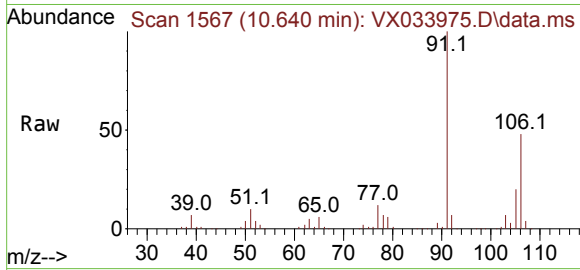
Tgt Ion:104 Resp: 2870

Ion Ratio Lower Upper

104 100

78 197.4 37.5 56.3#

103 197.7 43.3 64.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

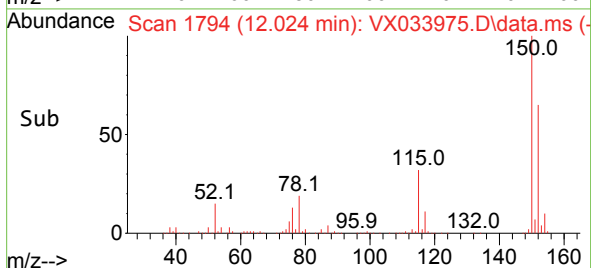
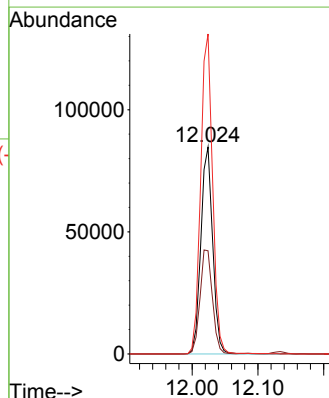
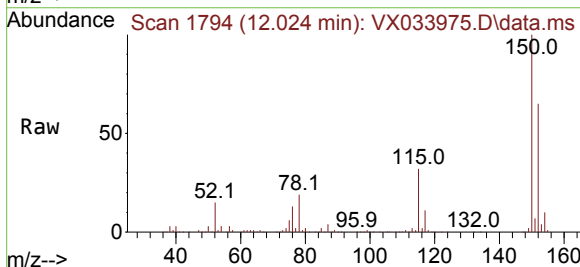
Tgt Ion:152 Resp: 105960

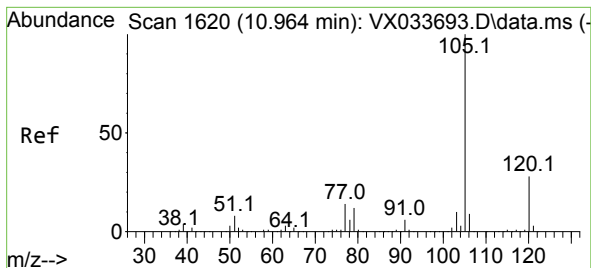
Ion Ratio Lower Upper

152 100

115 52.7 38.7 116.1

150 156.2 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

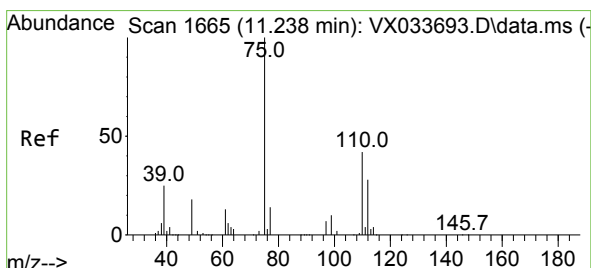
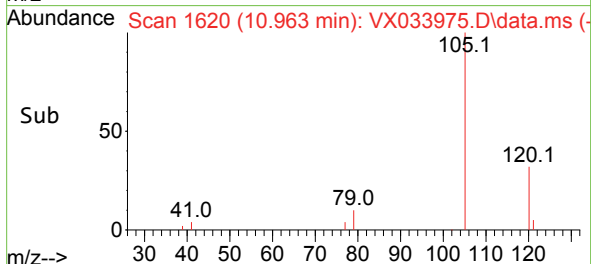
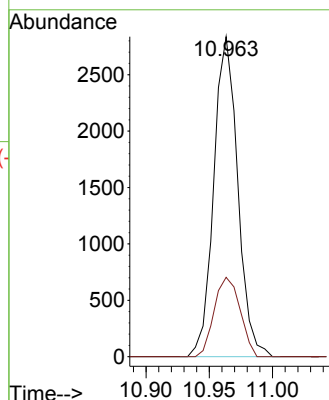
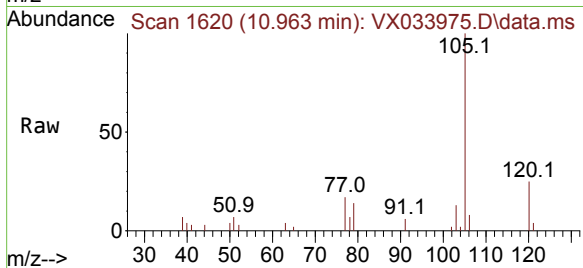
20230113-H4-STOCKPILEDL

Tgt Ion:105 Resp: 3733

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#76

1,2,3-Trichloropropane

Concen: 22.776 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033975.D

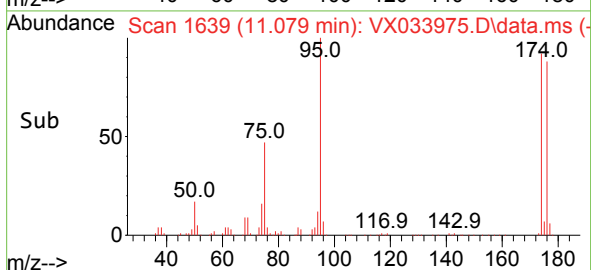
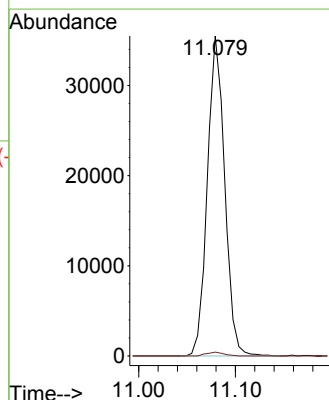
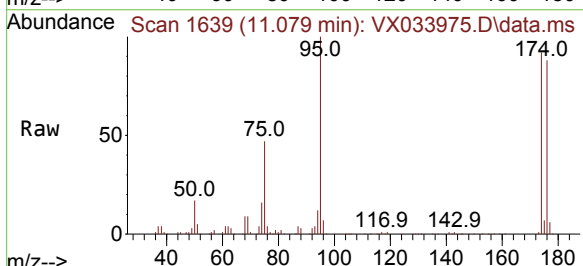
Acq: 31 Jan 2023 16:48

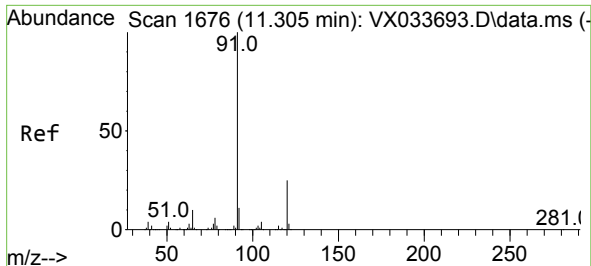
Tgt Ion: 75 Resp: 44341

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#

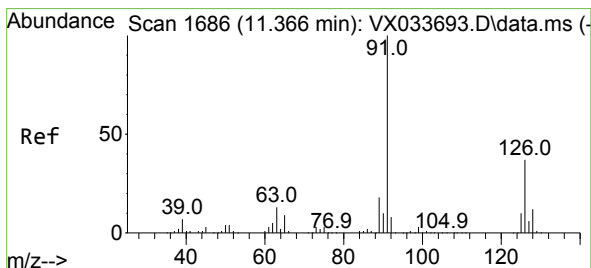
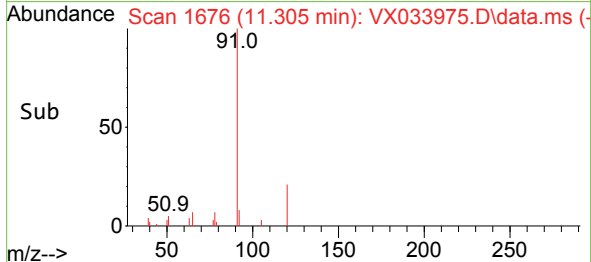
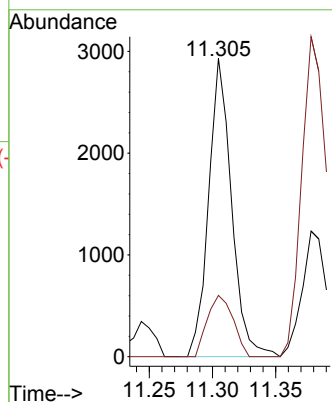
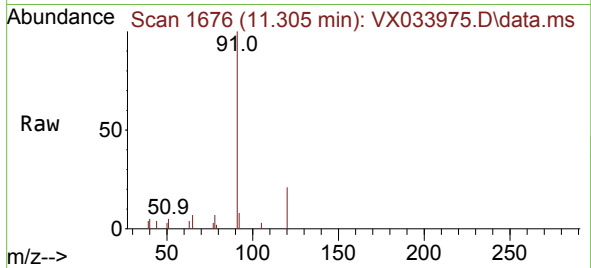




#78
n-propylbenzene
Concen: 0.427 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

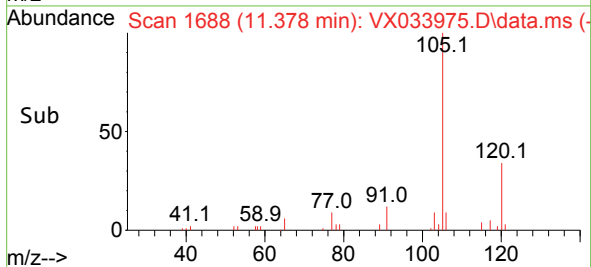
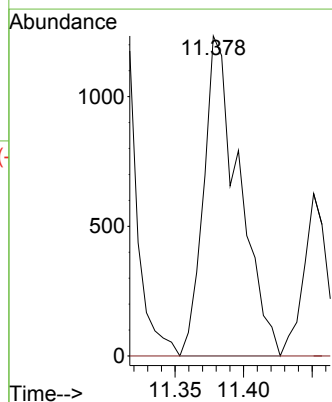
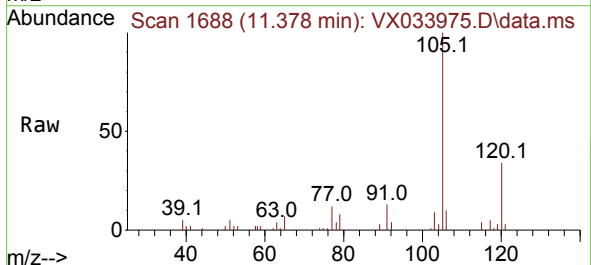
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

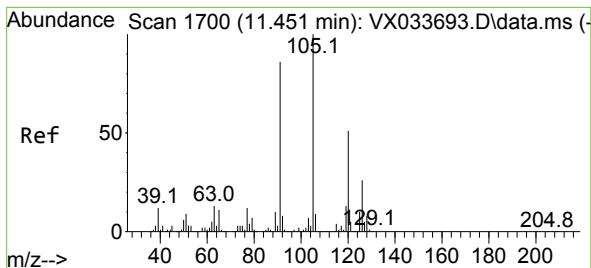
Tgt Ion: 91 Resp: 3696
Ion Ratio Lower Upper
91 100
120 23.0 12.3 36.8



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion: 91 Resp: 2217
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#





#80

1,3,5-Trimethylbenzene

Concen: 0.876 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

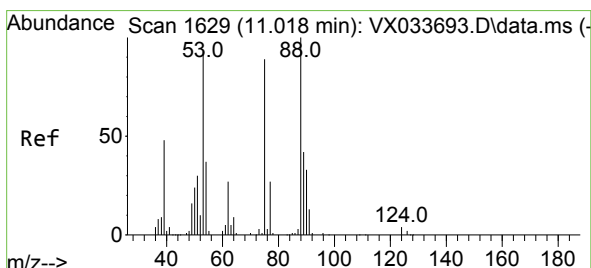
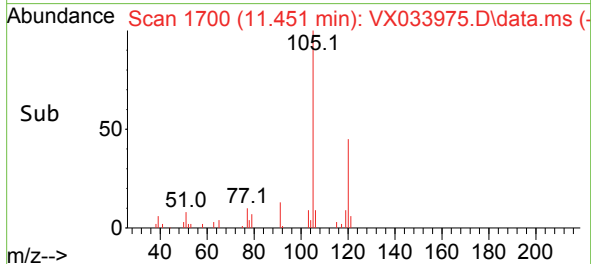
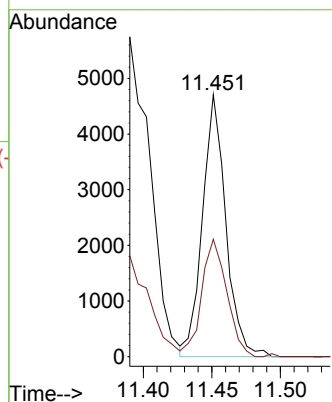
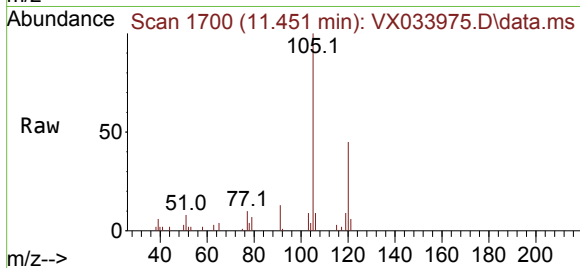
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Tgt Ion:105 Resp: 5585

Ion Ratio Lower Upper

105 100

120 48.2 25.6 76.8



#81

trans-1,4-Dichloro-2-butene

Concen: 70.784 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

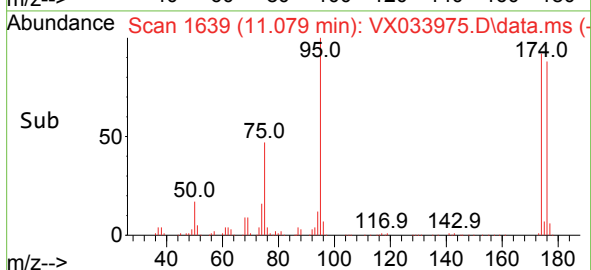
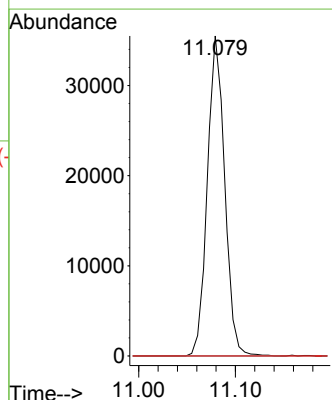
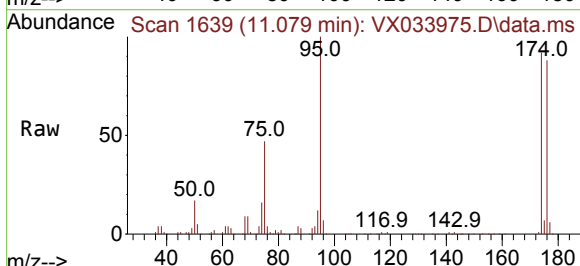
Tgt Ion: 75 Resp: 44341

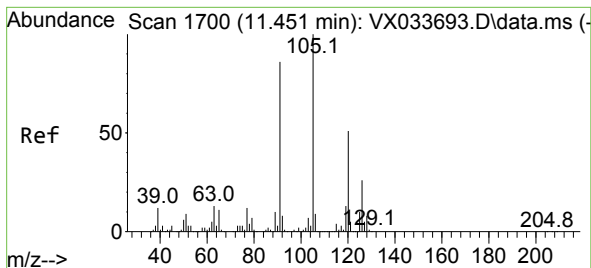
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

Instrument :

MSVOA_X

ClientSampleId :

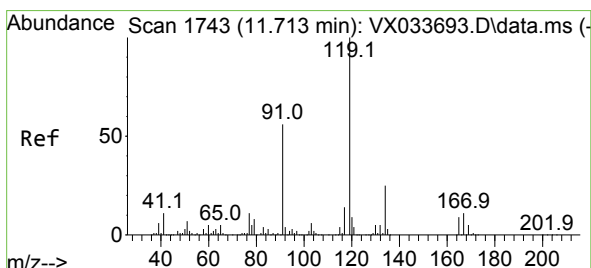
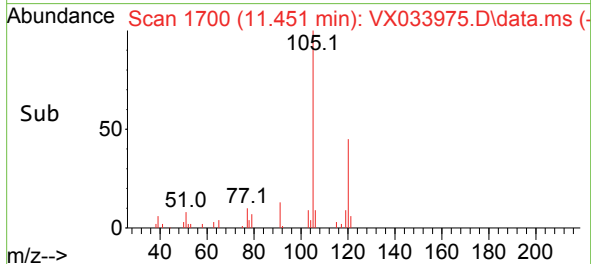
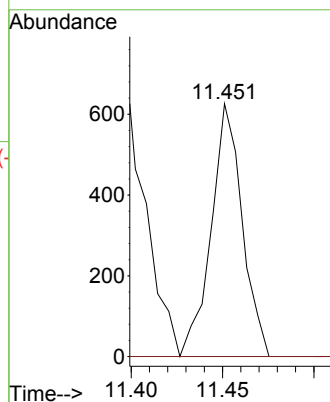
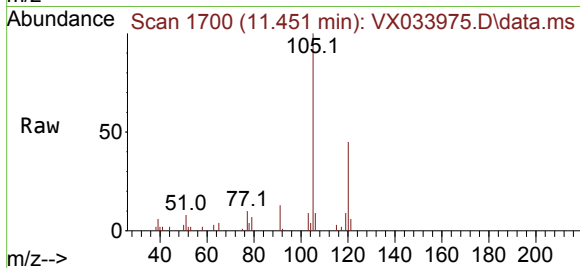
20230113-H4-STOCKPILEDL

Tgt Ion: 91 Resp: 739

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#



#83

tert-Butylbenzene

Concen: 0.330 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.036 min

Lab File: VX033975.D

Acq: 31 Jan 2023 16:48

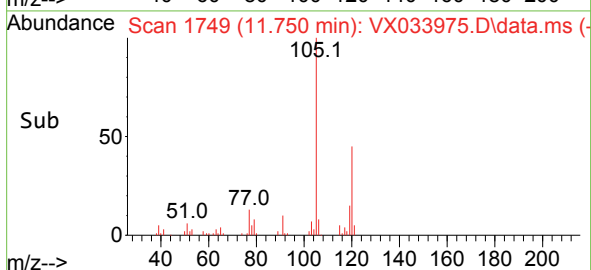
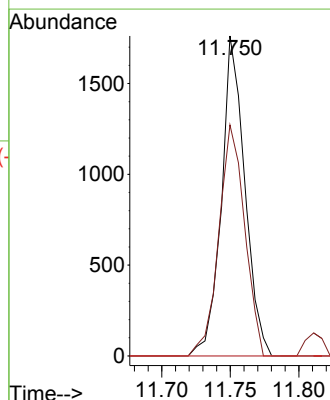
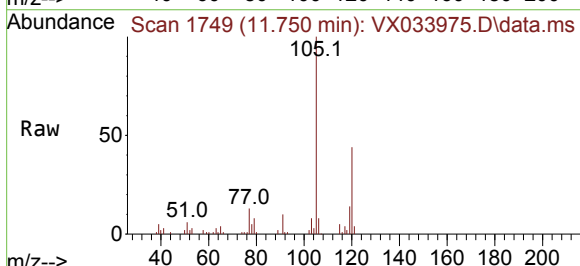
Tgt Ion: 119 Resp: 2089

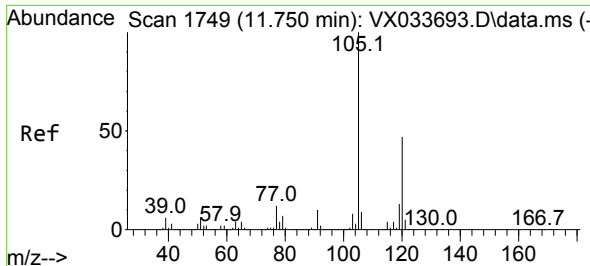
Ion Ratio Lower Upper

119 100

91 79.7 26.9 80.7

134 0.0 12.3 36.8#

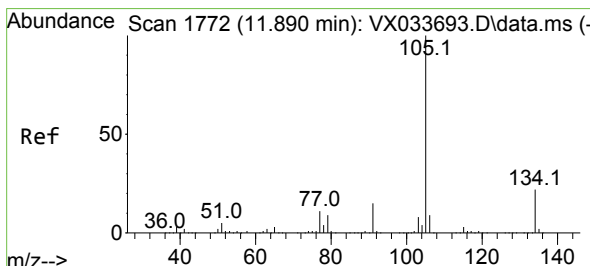
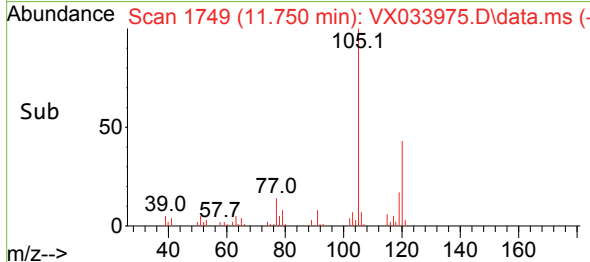
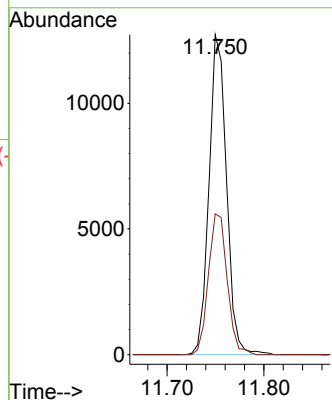
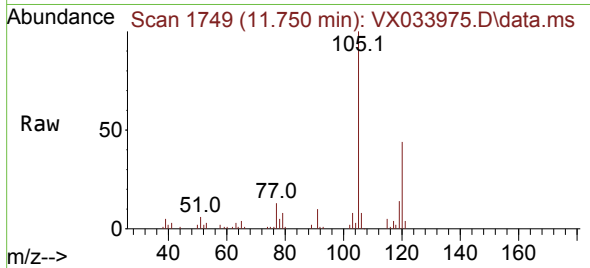




#84
1,2,4-Trimethylbenzene
Concen: 2.657 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

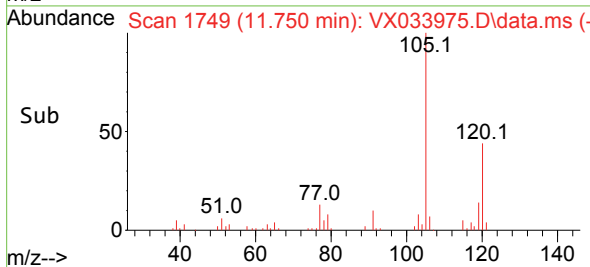
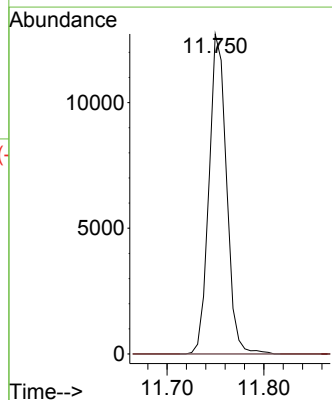
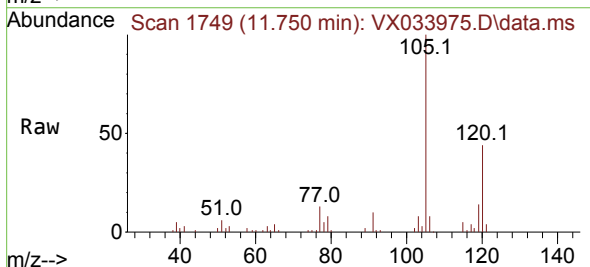
Instrument : MSVOA_X
ClientSampleId : 20230113-H4-STOCKPILEDL

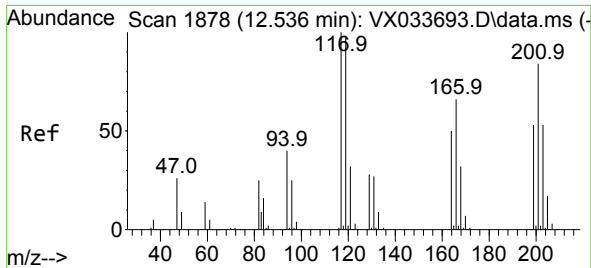
Tgt Ion:105 Resp: 16023
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.2



#85
sec-Butylbenzene
Concen: 2.116 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion:105 Resp: 16023
Ion Ratio Lower Upper
105 100
134 0.0 10.8 32.3#

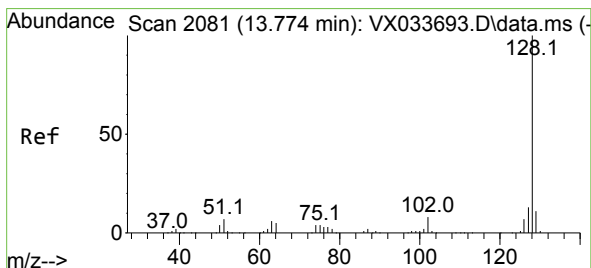
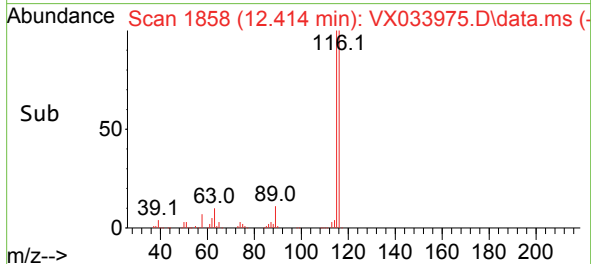
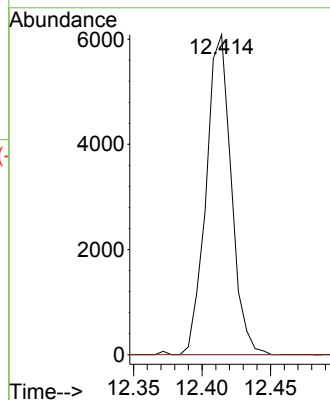
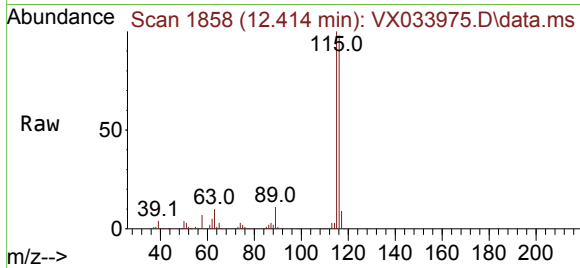




#90
Hexachloroethane
Concen: 7.291 ug/l
RT: 12.414 min Scan# 1878
Delta R.T. -0.122 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILEDL

Tgt Ion:117 Resp: 7775
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#



#95
Naphthalene
Concen: 15.201 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033975.D
Acq: 31 Jan 2023 16:48

Tgt Ion:128 Resp: 101773
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.9 8.7 13.1

