

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033942.D
 Acq On : 30 Jan 2023 13:32
 Operator : JC/MD
 Sample : 01361-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:44:40 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)

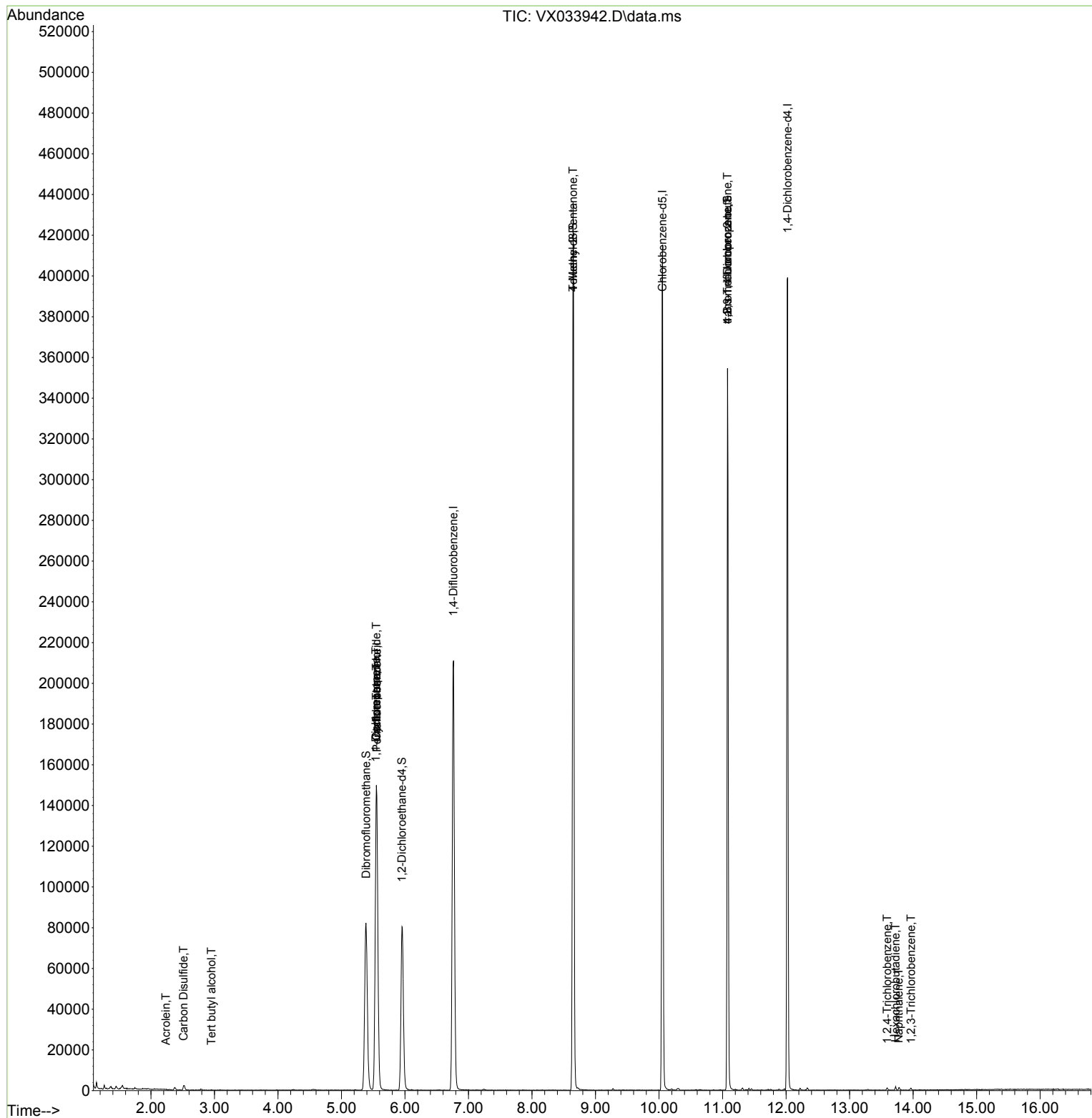
Internal Standards						
1) Pentafluorobenzene	5.556	168	163692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76744	44.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.060%		
35) Dibromofluoromethane	5.385	113	73206	50.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.100%		
50) Toluene-d8	8.647	98	264536	50.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.260%		
62) 4-Bromofluorobenzene	11.079	95	90306	46.095	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.180%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	74	0.247	ug/l #	86
13) Acrolein	2.233	56	89	0.322	ug/l #	45
16) Acetone	2.379	43	1361	Below Cal		97
17) Carbon Disulfide	2.514	76	1087	2.133	ug/l #	76
20) Methylene Chloride	2.794	84	238	Below Cal	#	49
31) Cyclohexane	5.550	56	2436	0.961	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9545	4.516	ug/l #	48
37) Ethyl Acetate	4.611	43	55	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	13694	6.255	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1099	0.536	ug/l #	1
64) Tetrachloroethene	9.268	164	56	Below Cal	#	18
73) Isopropylbenzene	10.963	105	215	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	41790	23.905	ug/l #	34
77) Bromobenzene	11.201	156	79	Below Cal		63
79) 2-Chlorotoluene	11.366	91	205	Below Cal		81
81) trans-1,4-Dichloro-2-b...	11.079	75	41790	74.293	ug/l #	8
82) 4-Chlorotoluene	11.457	91	435	Below Cal		99
93) 1,2,4-Trichlorobenzene	13.591	180	519	0.248	ug/l	88
94) Hexachlorobutadiene	13.725	225	435	0.425	ug/l	96
95) Naphthalene	13.774	128	1259	0.209	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	470	0.225	ug/l	94

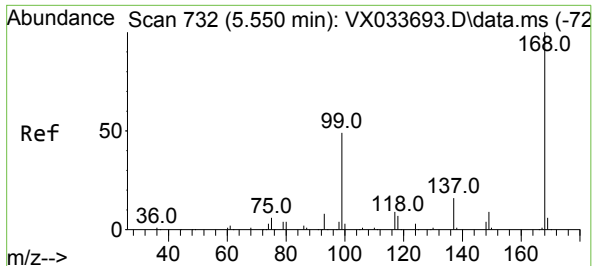
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jan 31 04:44:40 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

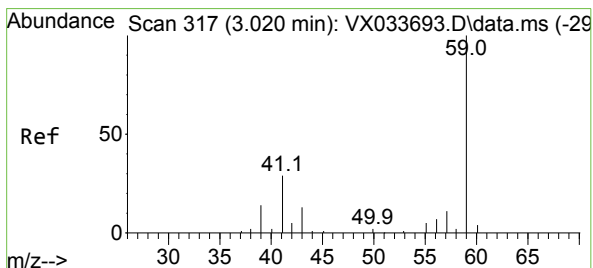
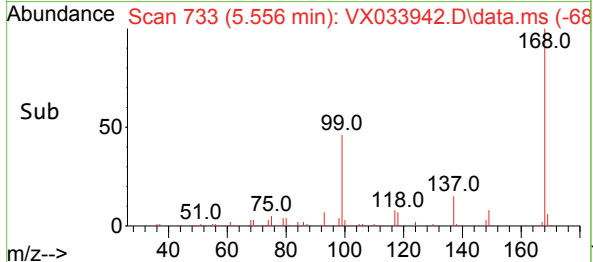
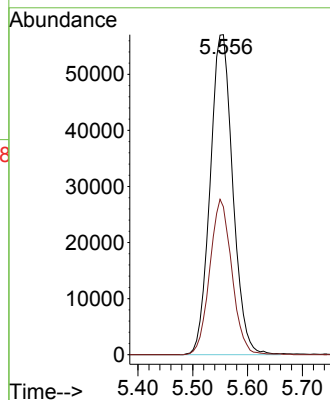
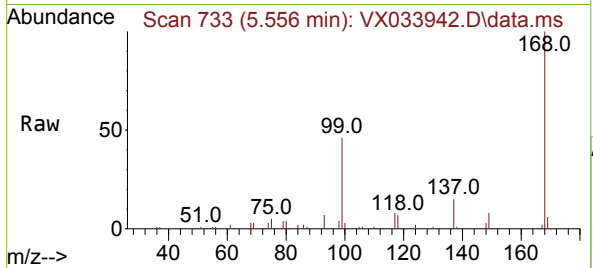




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

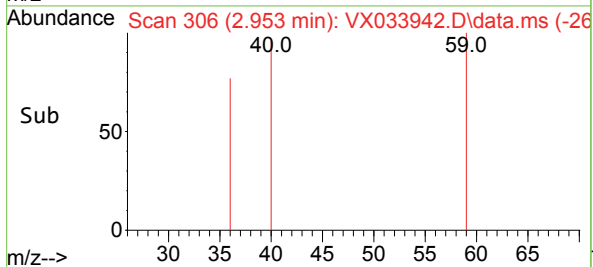
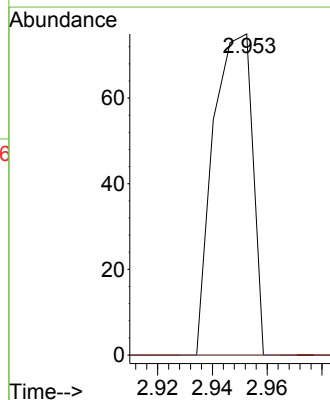
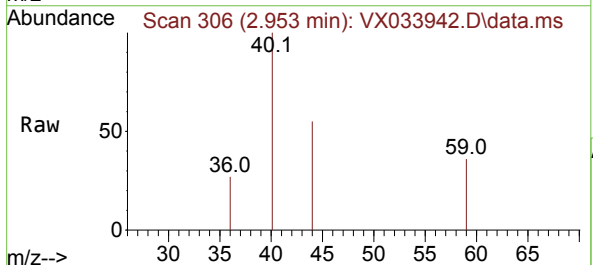
Instrument :
MSVOA_X
ClientSampleId :

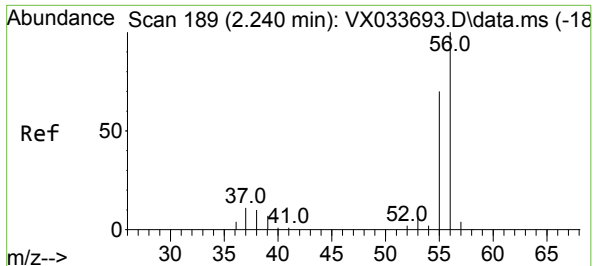
Tgt Ion:168 Resp: 163692
Ion Ratio Lower Upper
168 100
99 46.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.247 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

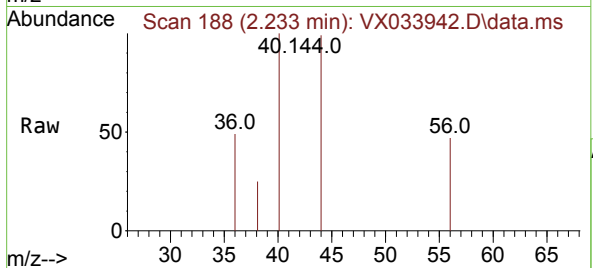
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



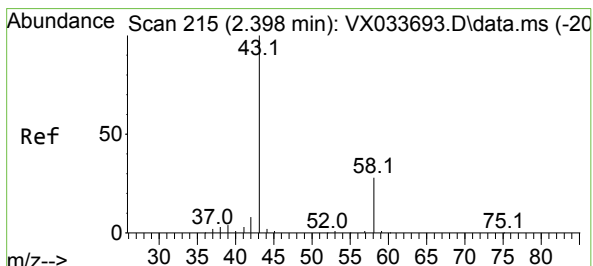
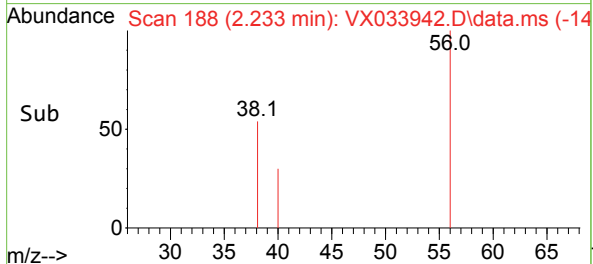
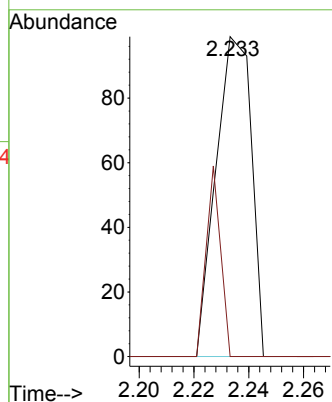


#13
Acrolein
Concen: 0.322 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

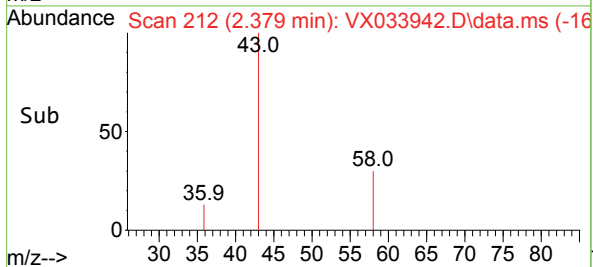
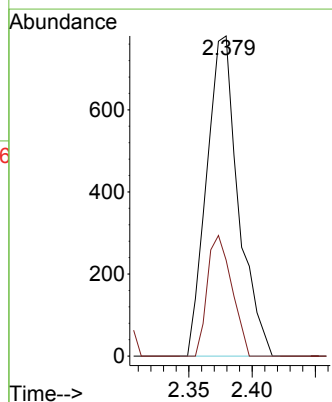
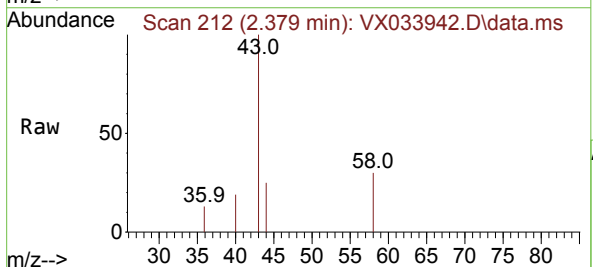


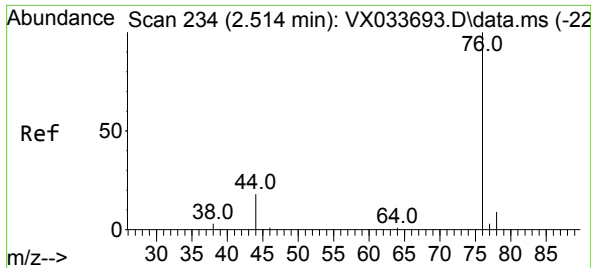
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 24.7 56.3 84.5#



#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 212
Delta R.T. -0.019 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8





#17

Carbon Disulfide

Concen: 2.133 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

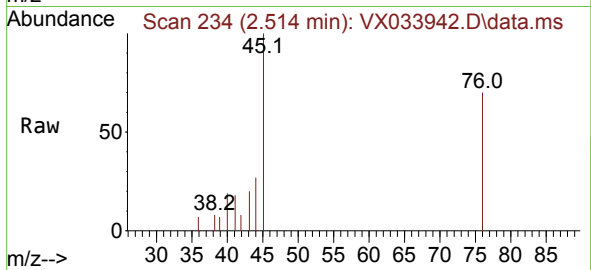
Lab File: VX033942.D

Acq: 30 Jan 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

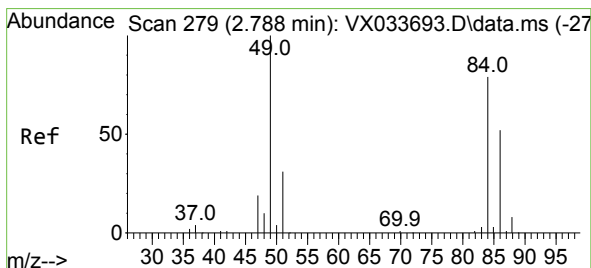
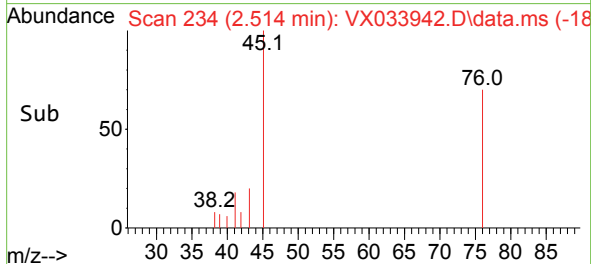
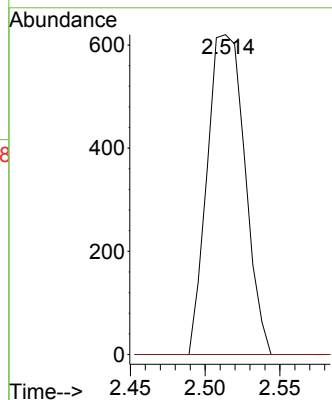


Tgt Ion: 76 Resp: 1087

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033942.D

Acq: 30 Jan 2023 13:32

Tgt Ion: 84 Resp: 238

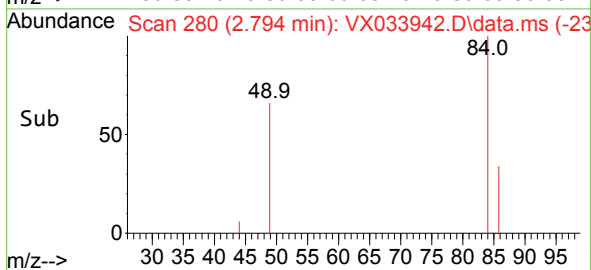
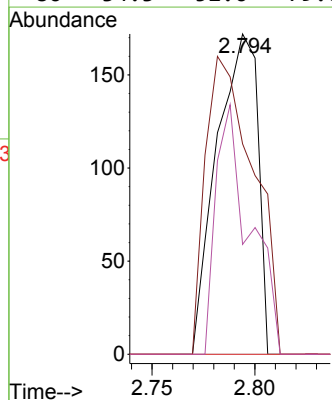
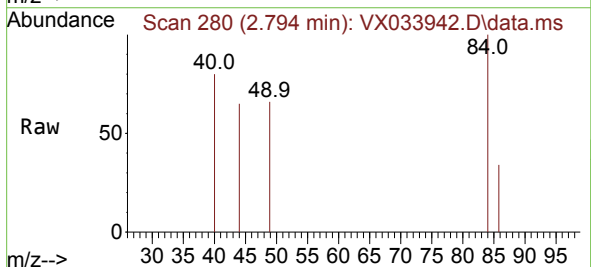
Ion Ratio Lower Upper

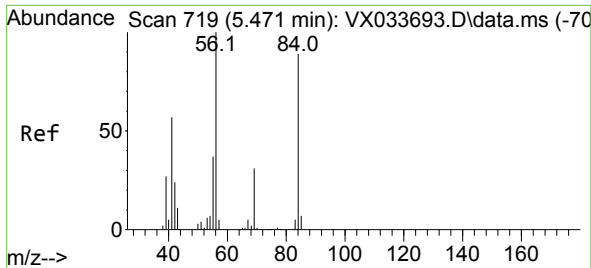
84 100

49 65.7 101.1 151.7#

51 0.0 31.0 46.6#

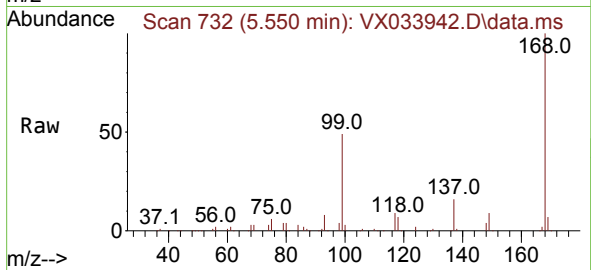
86 34.3 52.6 79.0#



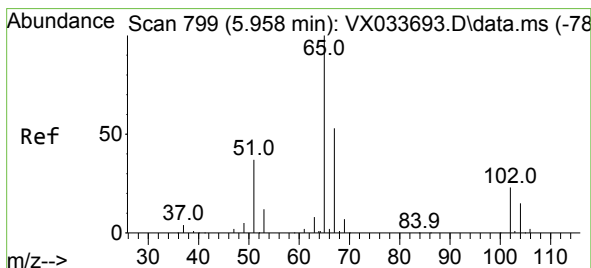
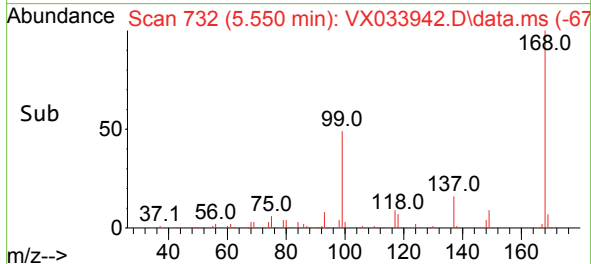
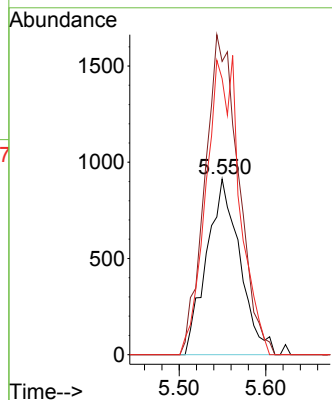


#31
Cyclohexane
Concen: 0.961 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

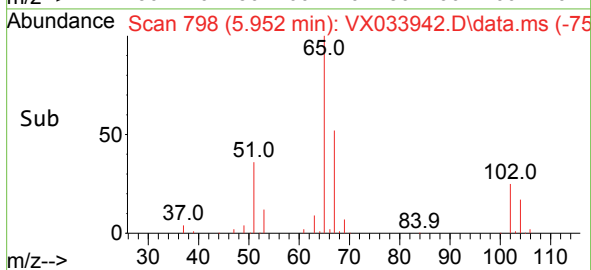
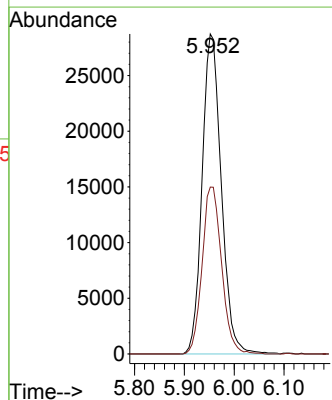
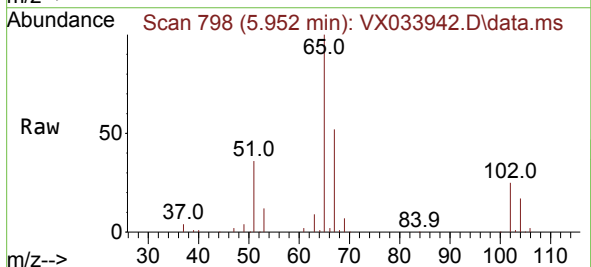


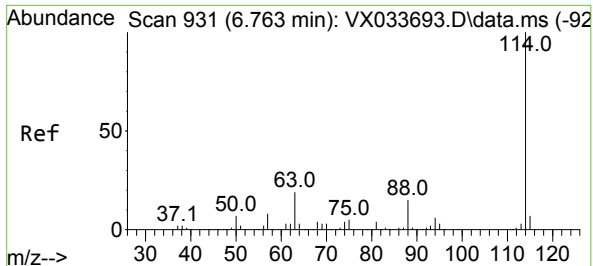
Tgt Ion: 56 Resp: 2436
Ion Ratio Lower Upper
56 100
69 166.9 24.6 37.0#
84 157.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.527 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Tgt Ion: 65 Resp: 76744
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8

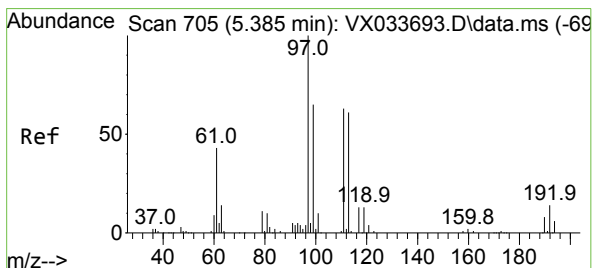
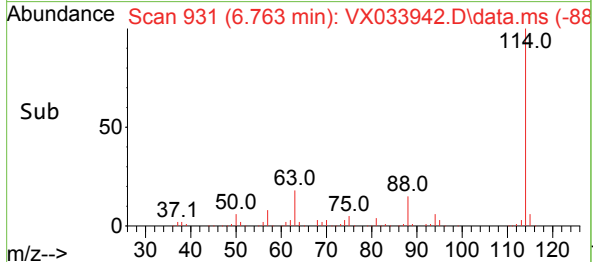
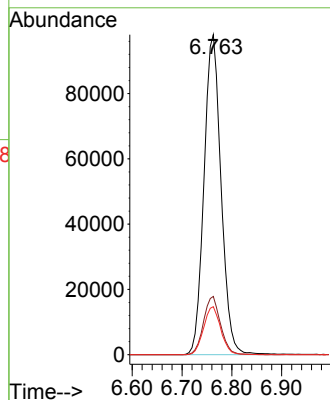
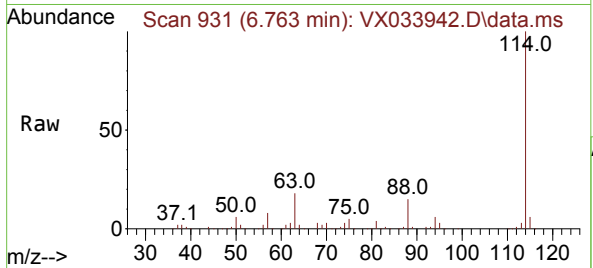




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

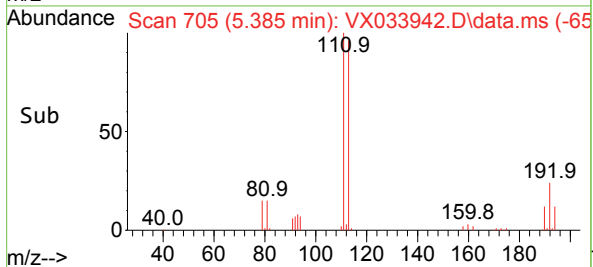
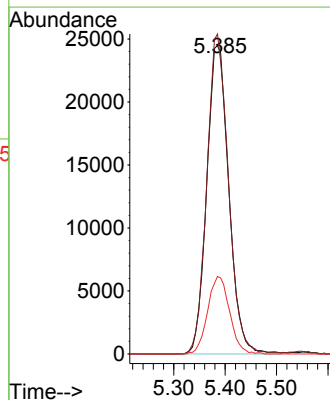
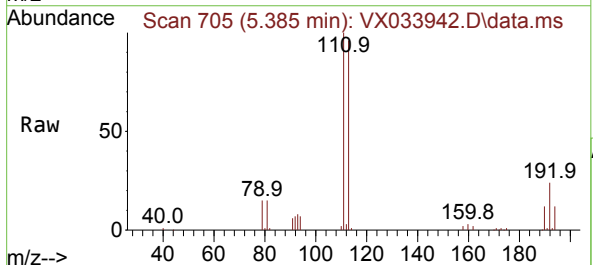
Instrument :
MSVOA_X
ClientSampleId :

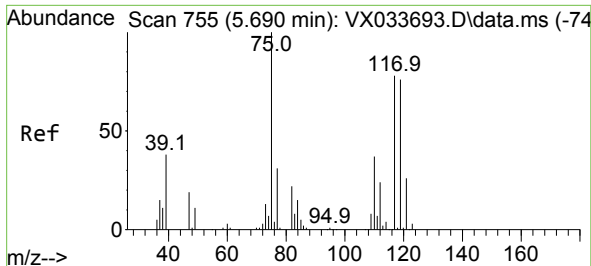
Tgt Ion:114 Resp: 233232
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

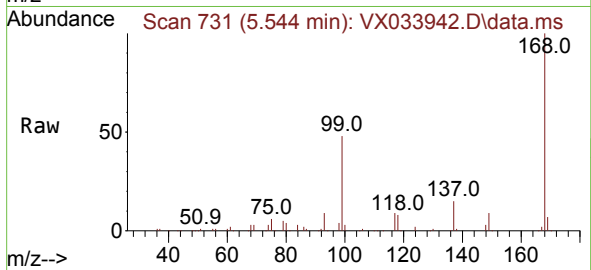
Tgt Ion:113 Resp: 73206
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 24.9 19.0 28.4



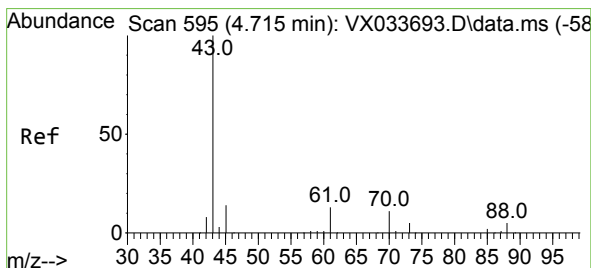
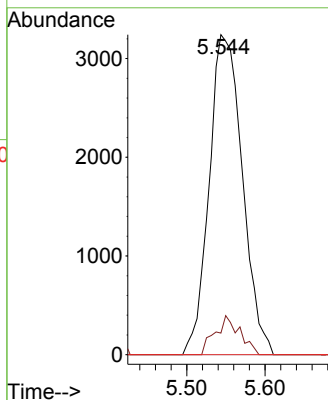
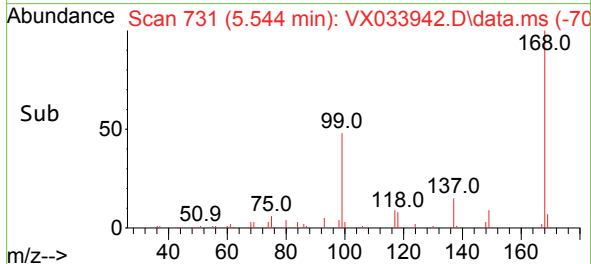


#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

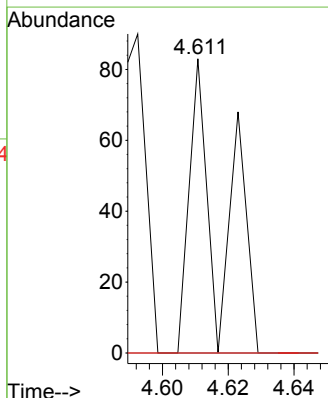
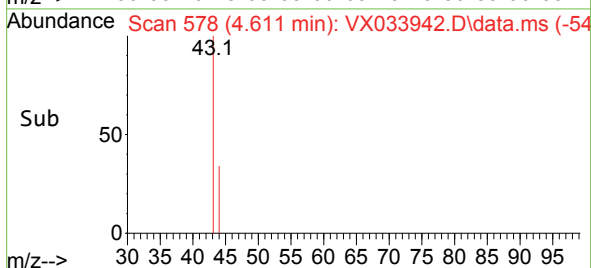
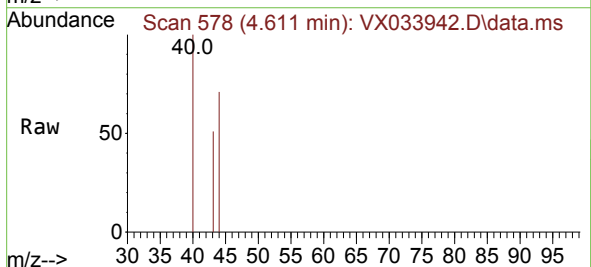


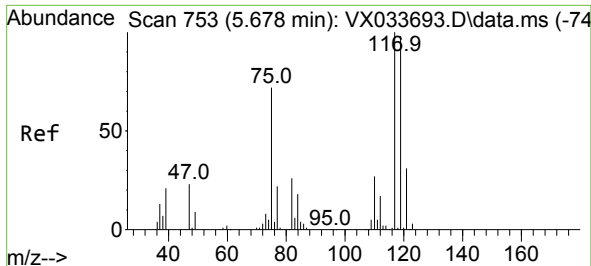
Tgt Ion: 75 Resp: 9545
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.611 min Scan# 578
Delta R.T. -0.104 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

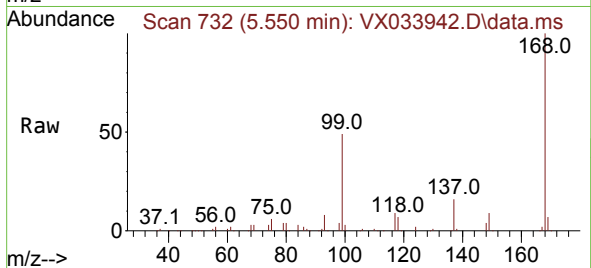
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



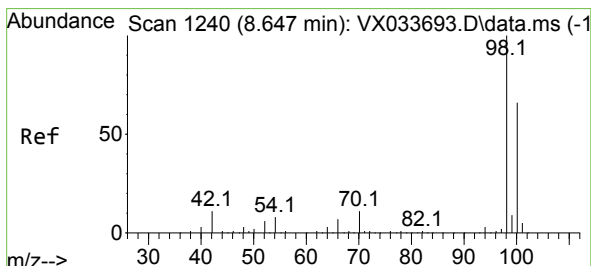
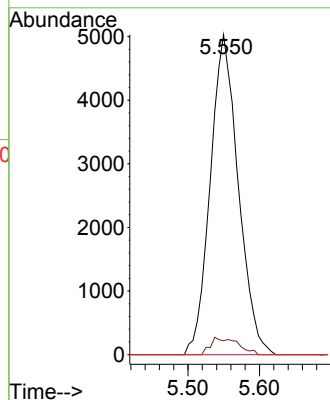
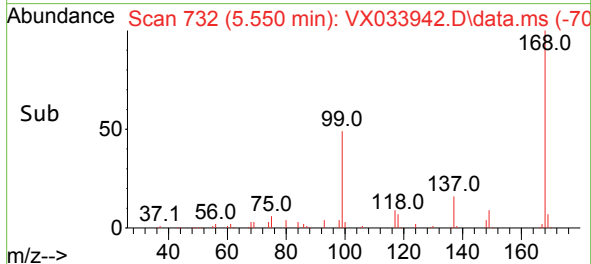


#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

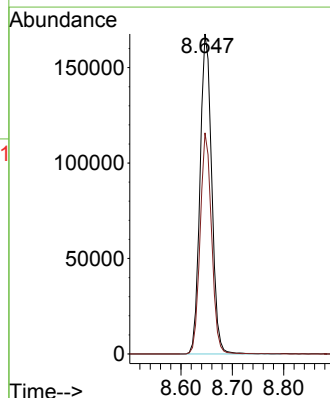
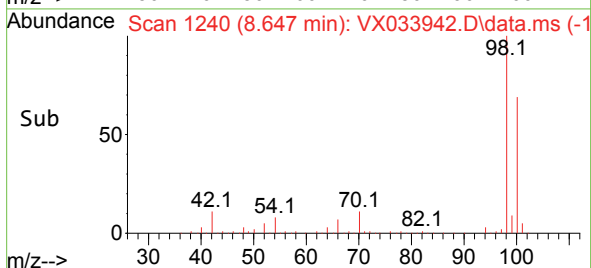
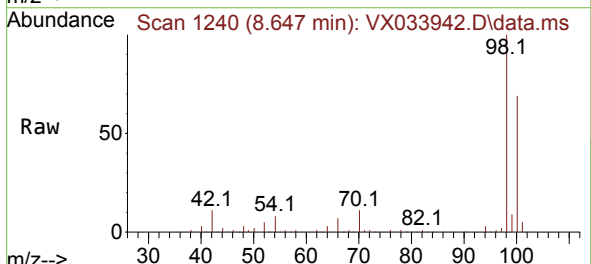


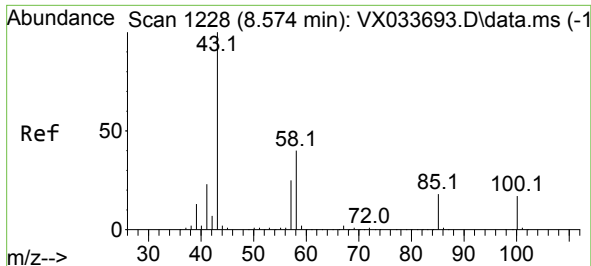
Tgt Ion:117 Resp: 13694
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.133 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Tgt Ion: 98 Resp: 264536
Ion Ratio Lower Upper
98 100
100 67.7 53.6 80.4

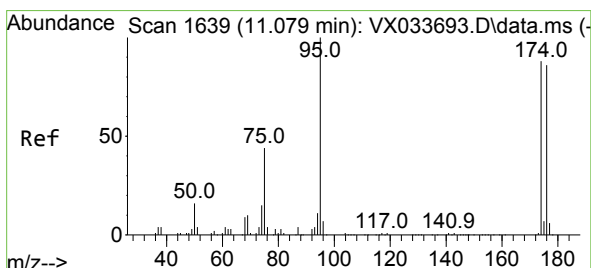
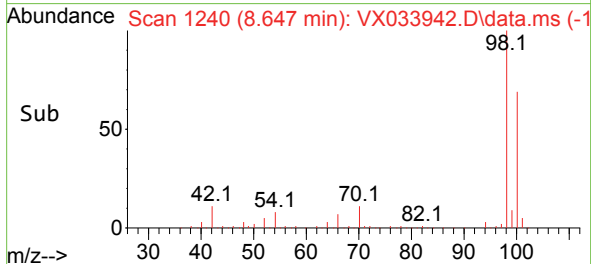
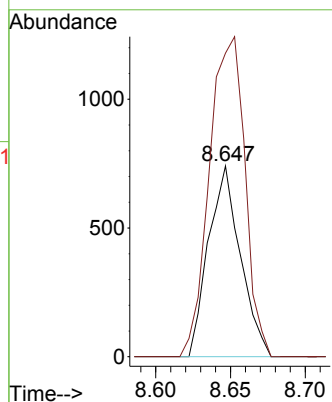
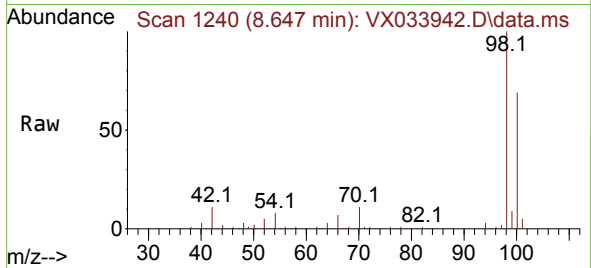




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

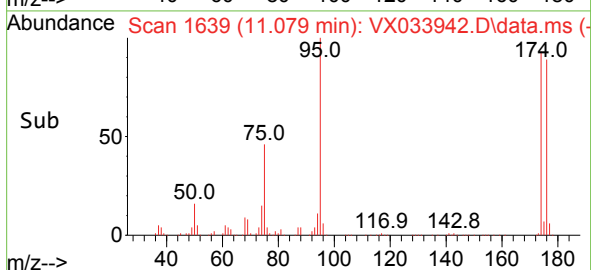
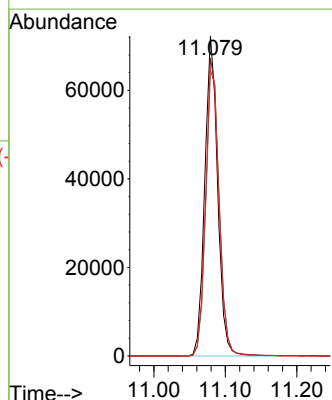
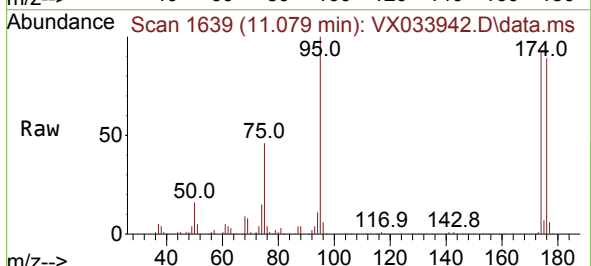
Instrument :
MSVOA_X
ClientSampleId :

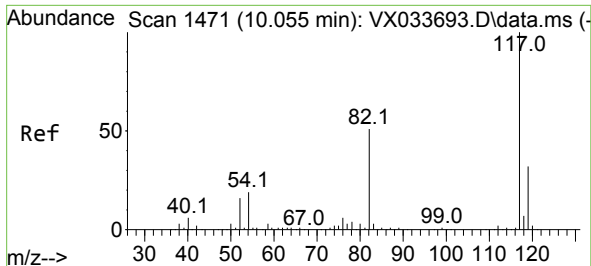
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 187.2 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

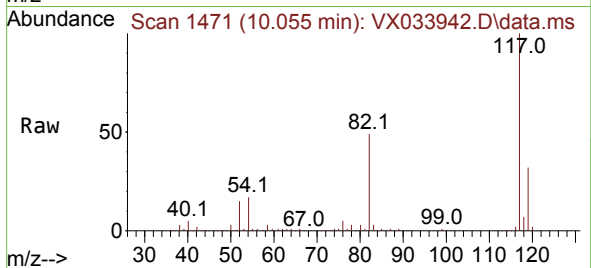
Tgt Ion: 95 Resp: 90306
Ion Ratio Lower Upper
95 100
174 96.5 0.0 184.4
176 93.6 0.0 178.8



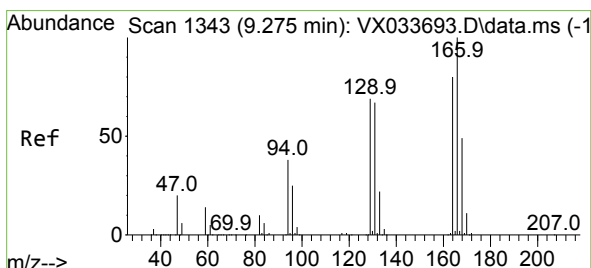
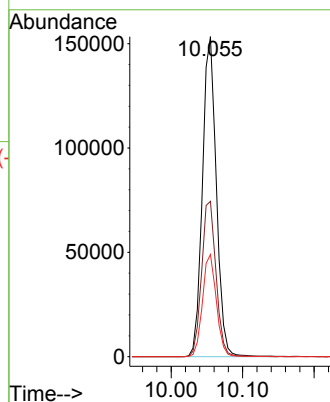
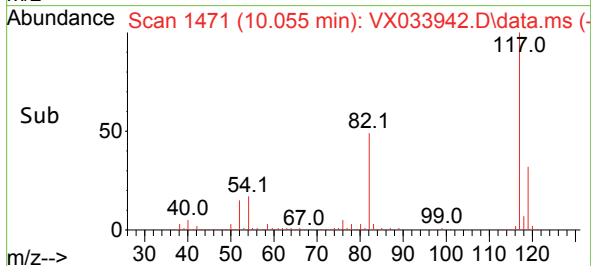


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

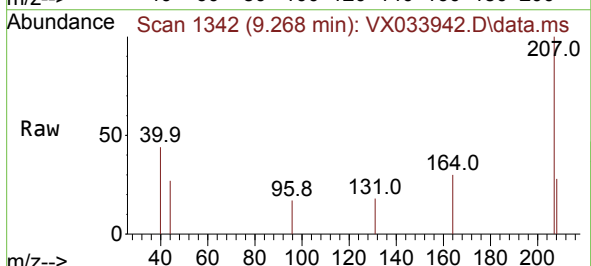
Instrument :
MSVOA_X
ClientSampleId :



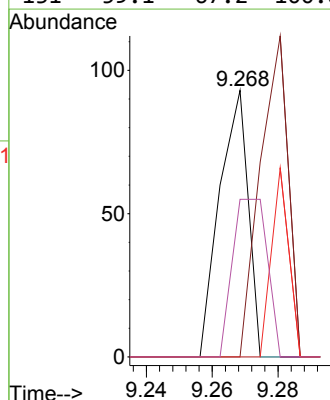
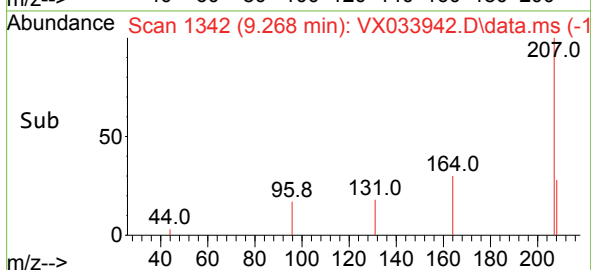
Tgt Ion:117 Resp: 206909
Ion Ratio Lower Upper
117 100
82 48.5 40.6 60.8
119 32.0 25.6 38.4

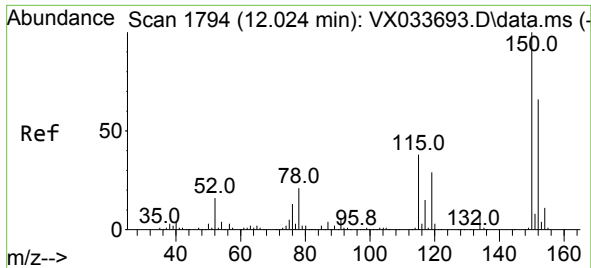


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32



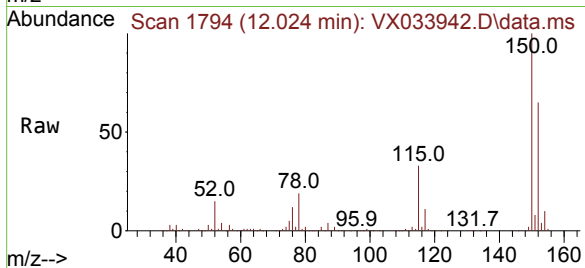
Tgt Ion:164 Resp: 56
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 0.0 69.2 103.8#
131 59.1 67.2 100.8#



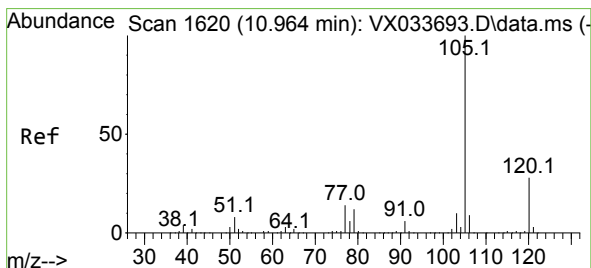
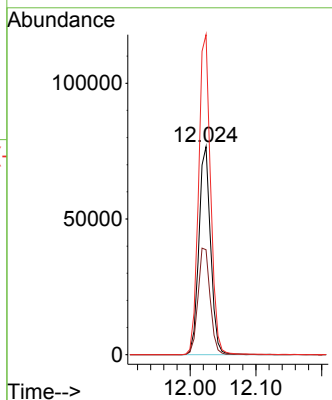
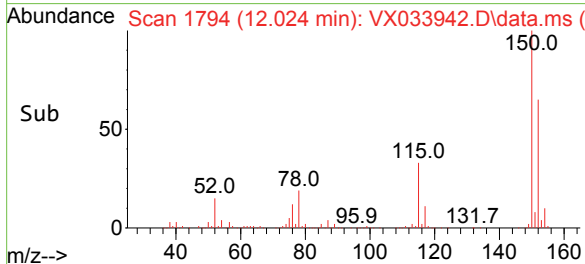


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033942.D
 Acq: 30 Jan 2023 13:32

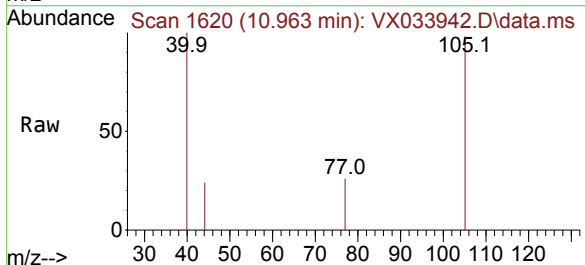
Instrument :
 MSVOA_X
 ClientSampleId :



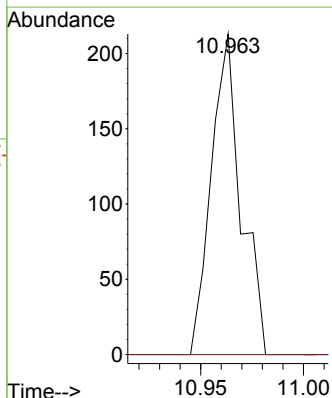
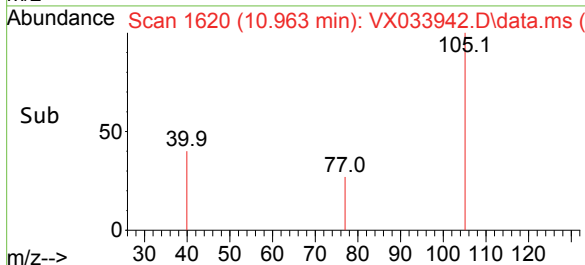
Tgt Ion:152 Resp: 95148
 Ion Ratio Lower Upper
 152 100
 115 53.0 38.7 116.1
 150 157.5 0.0 348.2

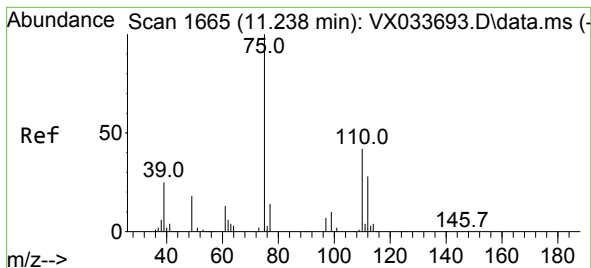


#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.001 min
 Lab File: VX033942.D
 Acq: 30 Jan 2023 13:32



Tgt Ion:105 Resp: 215
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 23.905 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033942.D

Acq: 30 Jan 2023 13:32

Instrument :

MSVOA_X

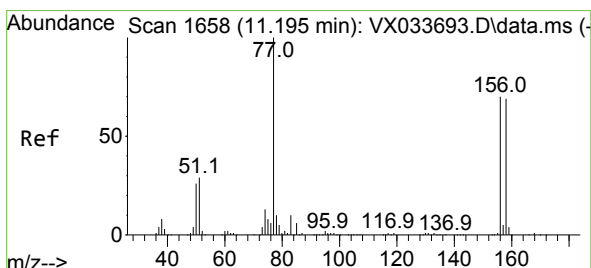
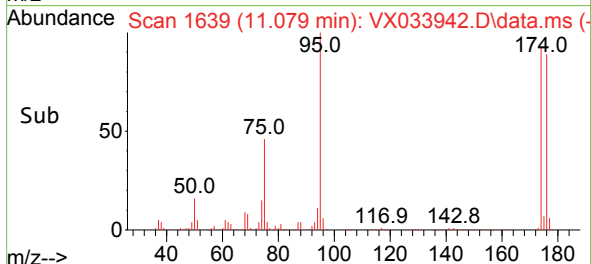
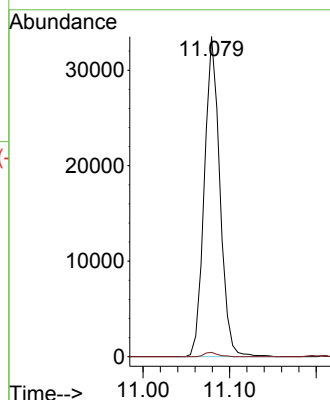
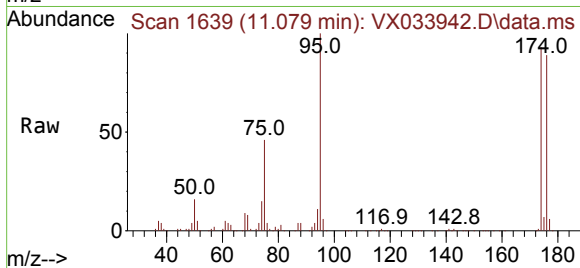
ClientSampleId :

Tgt Ion: 75 Resp: 41790

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#77

Bromobenzene

Concen: Below Cal

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX033942.D

Acq: 30 Jan 2023 13:32

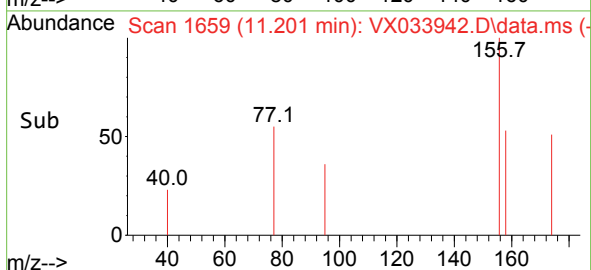
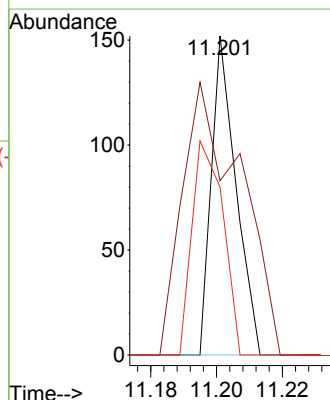
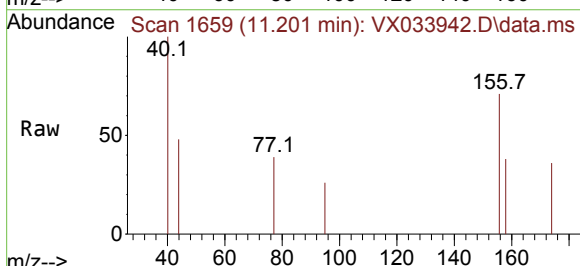
Tgt Ion:156 Resp: 79

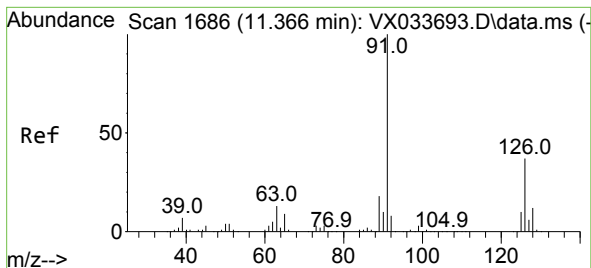
Ion Ratio Lower Upper

156 100

77 201.3 68.1 204.3

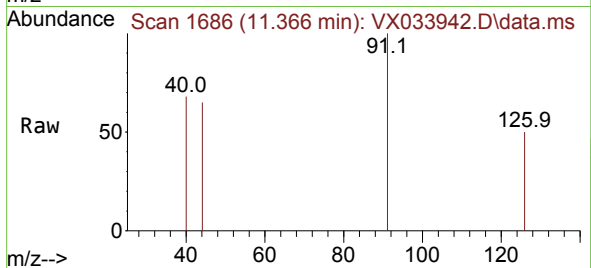
158 84.8 48.0 144.2



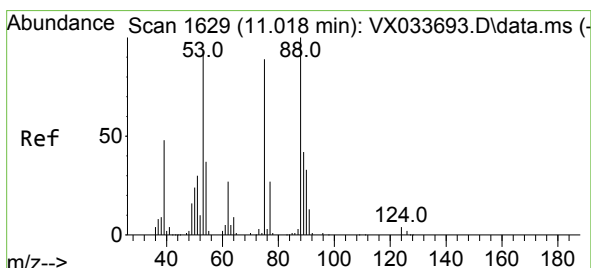
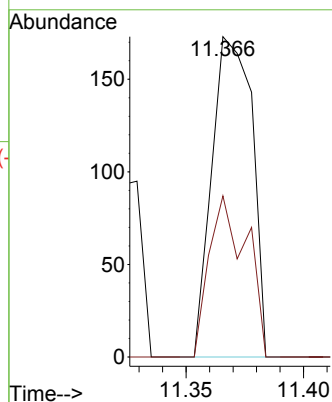
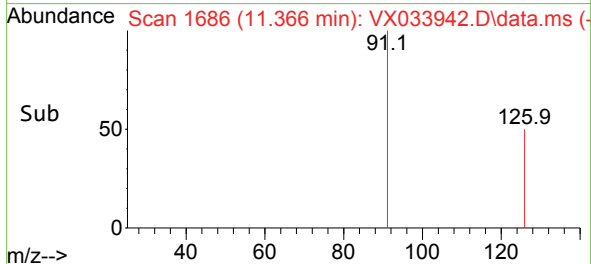


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

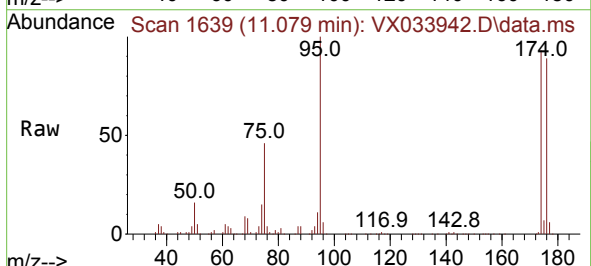
Instrument :
MSVOA_X
ClientSampleId :



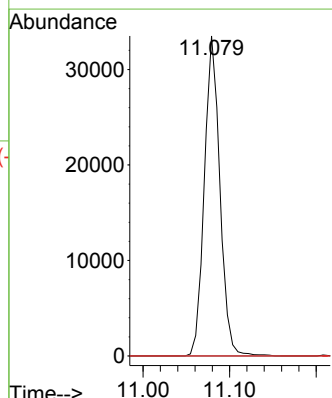
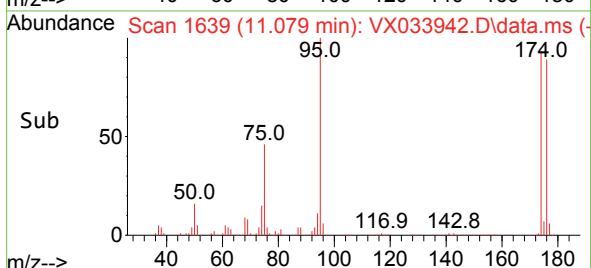
Tgt Ion: 91 Resp: 205
Ion Ratio Lower Upper
91 100
126 47.3 18.1 54.1

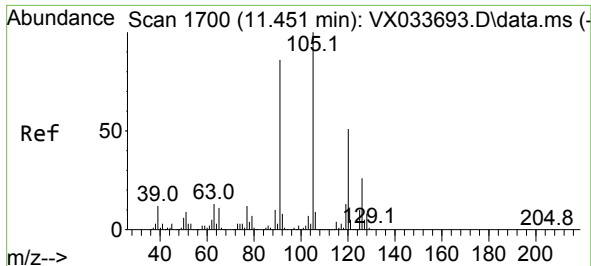


#81
trans-1,4-Dichloro-2-butene
Concen: 74.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32



Tgt Ion: 75 Resp: 41790
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

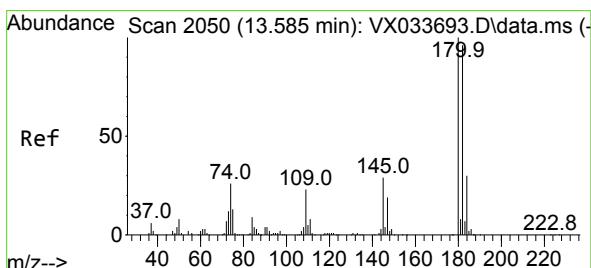
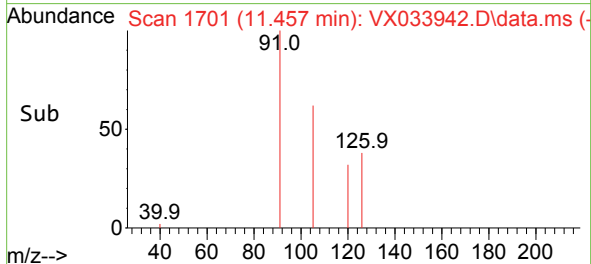
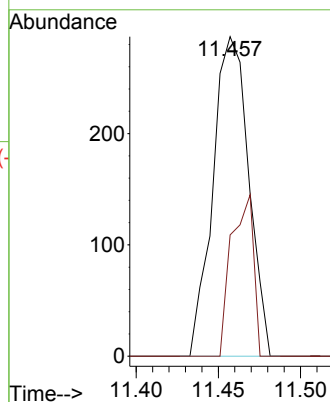
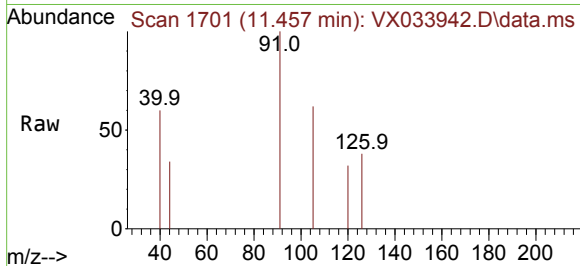




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

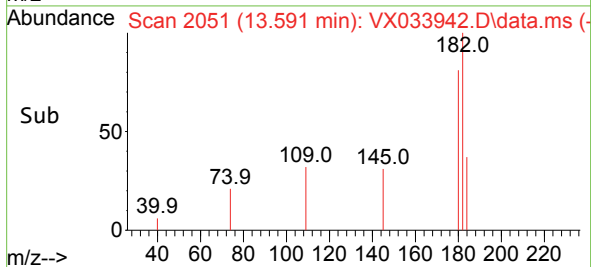
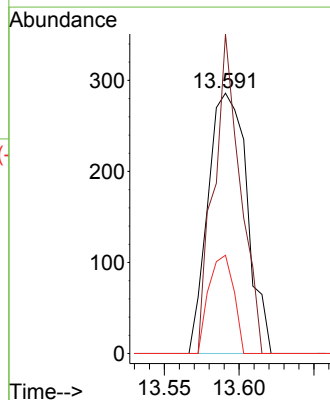
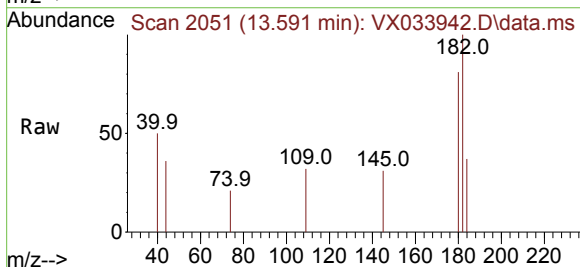
Instrument :
MSVOA_X
ClientSampleId :

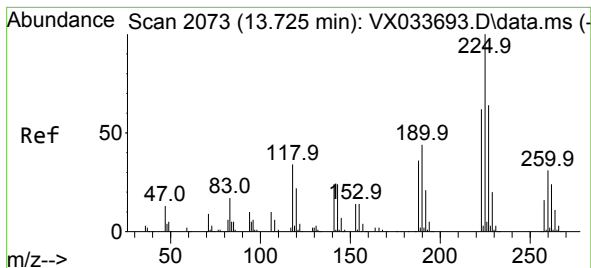
Tgt Ion: 91 Resp: 435
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4



#93
1,2,4-Trichlorobenzene
Concen: 0.248 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033942.D
Acq: 30 Jan 2023 13:32

Tgt Ion: 180 Resp: 519
Ion Ratio Lower Upper
180 100
182 83.0 47.9 143.6
145 24.1 14.1 42.2





#94

Hexachlorobutadiene

Concen: 0.425 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033942.D

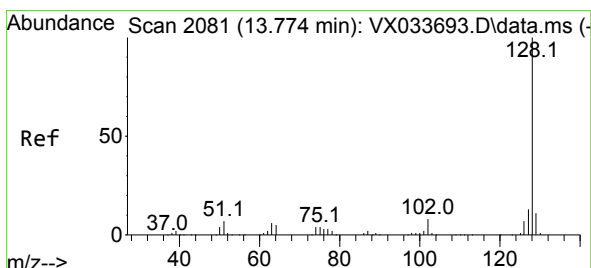
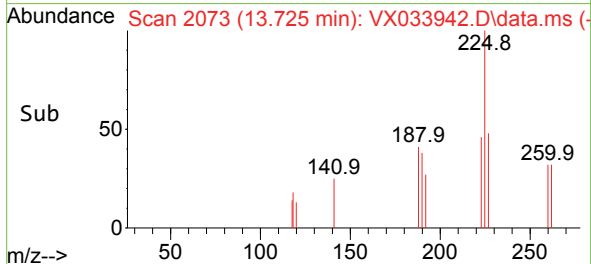
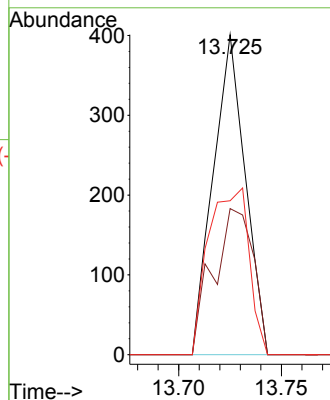
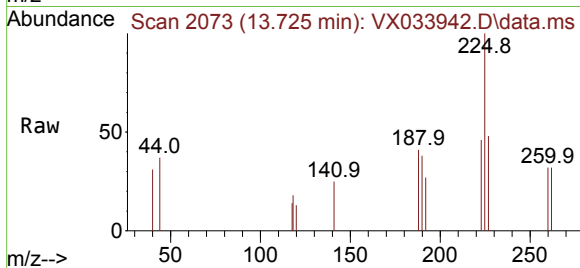
Acq: 30 Jan 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	435
Ion	Ratio	Lower Upper
225	100	
223	57.0	31.3 93.9
227	65.7	32.3 96.9



#95

Naphthalene

Concen: 0.209 ug/l

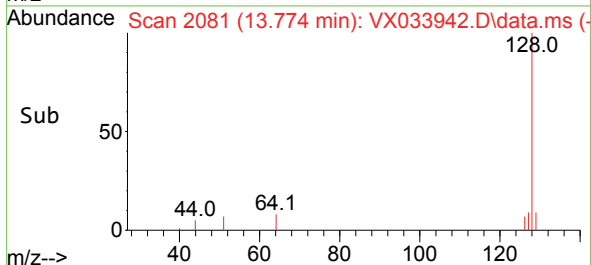
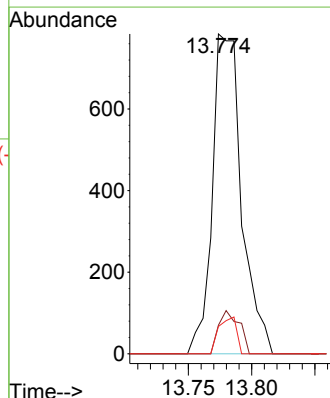
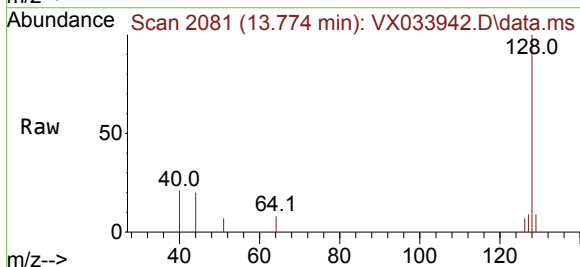
RT: 13.774 min Scan# 2081

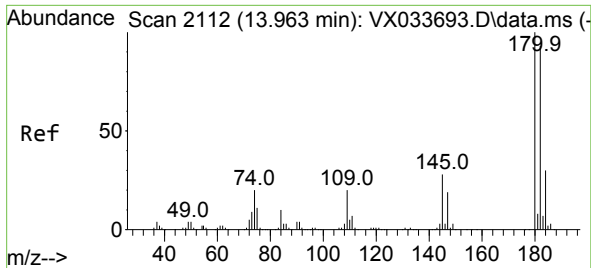
Delta R.T. -0.000 min

Lab File: VX033942.D

Acq: 30 Jan 2023 13:32

Tgt Ion:128	Resp:	1259
Ion	Ratio	Lower Upper
128	100	
127	9.6	10.3 15.5#
129	6.9	8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.225 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

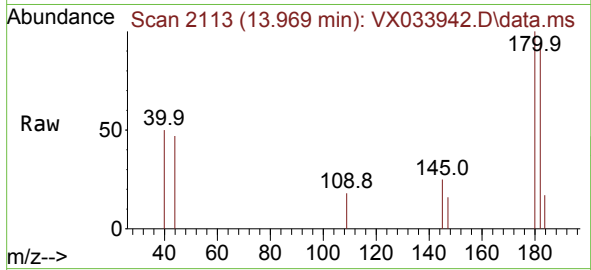
Lab File: VX033942.D

Acq: 30 Jan 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 470

Ion Ratio Lower Upper

180 100

182 100.9 47.6 142.9

145 27.4 15.1 45.3

