

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034712.D
 Acq On : 24 Mar 2023 10:44
 Operator : JC/MD
 Sample : VX0324MBL01
 Misc : 5.00G/5.0mL100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

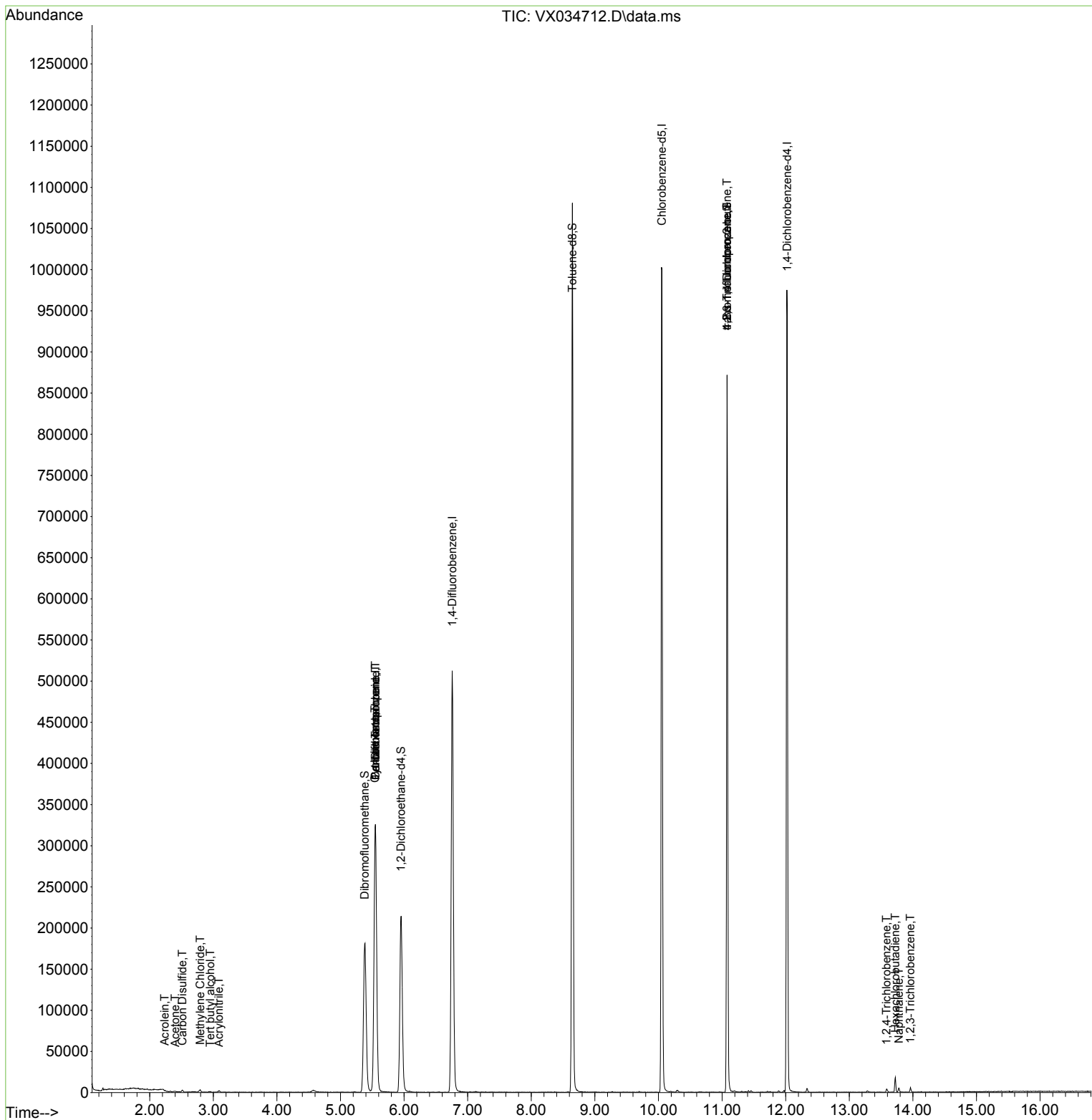
Quant Time: Mar 27 01:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

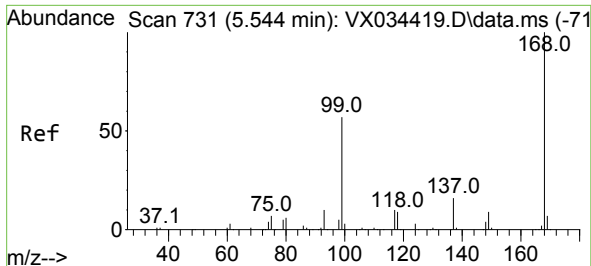
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	299021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	505263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	214207	49.241	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.379	113	162639	48.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.500%
50) Toluene-d8	8.647	98	605243	48.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	231944	46.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	368	Below Cal	#	81
11) Tert butyl alcohol	2.953	59	553	0.610	ug/l #	73
13) Acrolein	2.233	56	288	0.402	ug/l	84
15) Acrylonitrile	3.087	53	551	0.282	ug/l #	80
16) Acetone	2.398	43	1284	0.627	ug/l	92
17) Carbon Disulfide	2.514	76	2736	0.297	ug/l #	87
20) Methylene Chloride	2.794	84	1077	0.271	ug/l	93
31) Cyclohexane	5.544	56	7252	1.189	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	25540	4.985	ug/l #	51
38) Carbon Tetrachloride	5.550	117	31791	6.237	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	122140	26.133	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	122140	70.699	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.585	180	1287	0.288	ug/l	90
94) Hexachlorobutadiene	13.725	225	2416	1.342	ug/l	97
95) Naphthalene	13.780	128	4063	0.271	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1469	0.336	ug/l	98

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

Quant Time: Mar 27 01:26:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

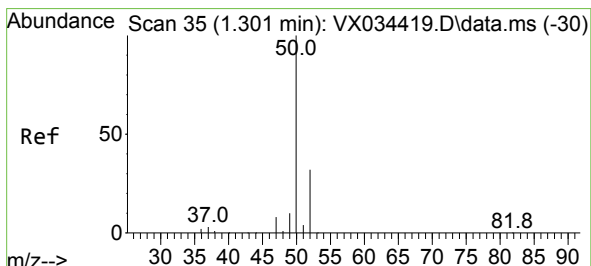
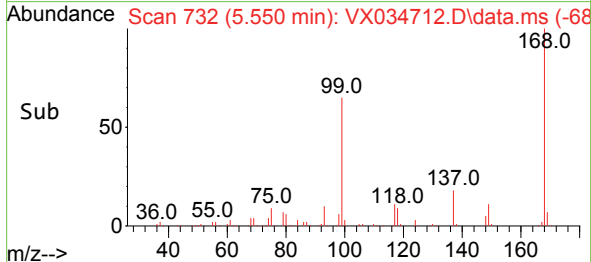
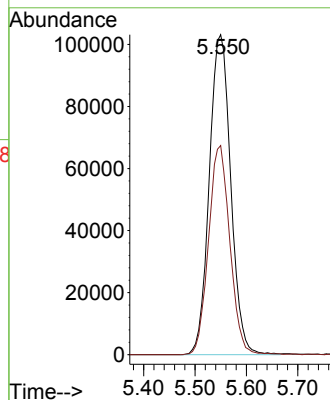
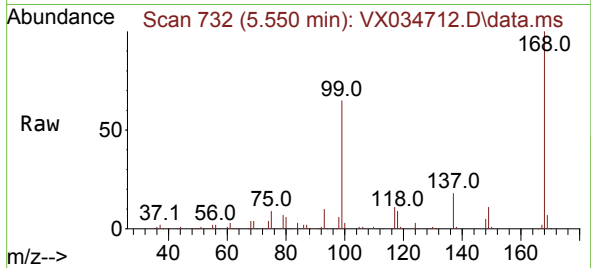




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

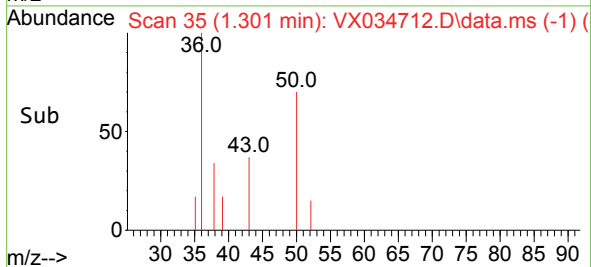
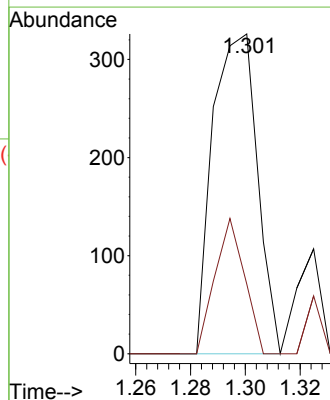
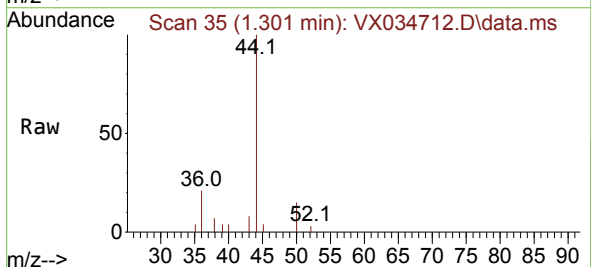
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 299021
Ion Ratio Lower Upper
168 100
99 65.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 21.8 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.610 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

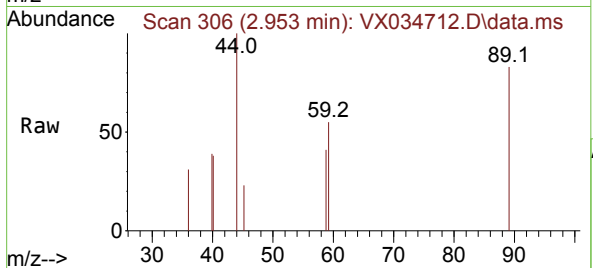
Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

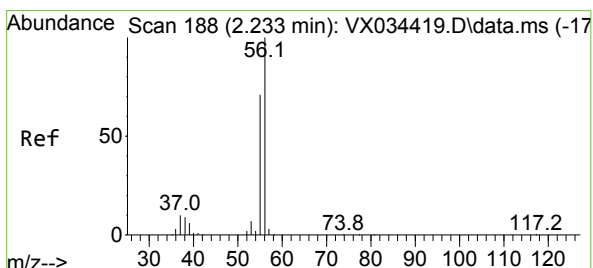
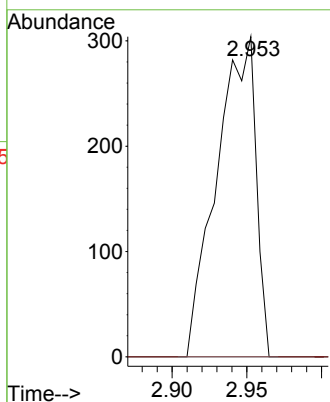
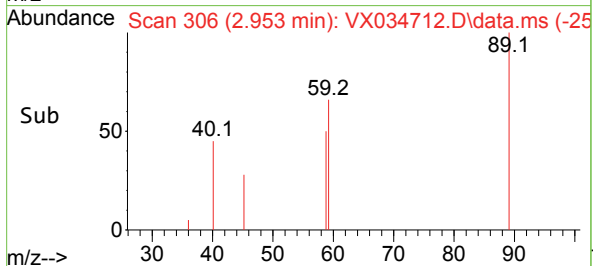


Tgt Ion: 59 Resp: 553

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.402 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034712.D

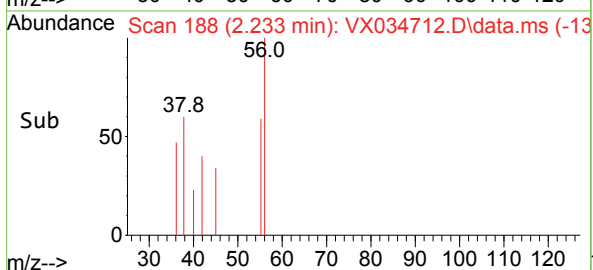
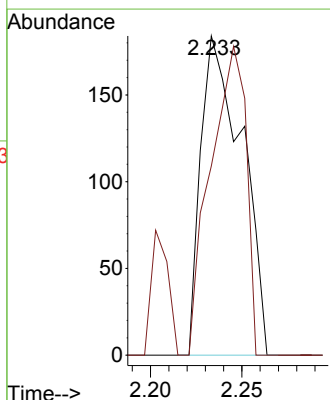
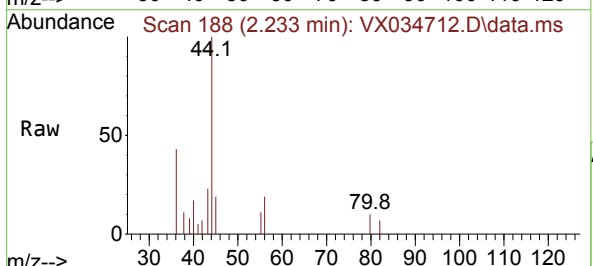
Acq: 24 Mar 2023 10:44

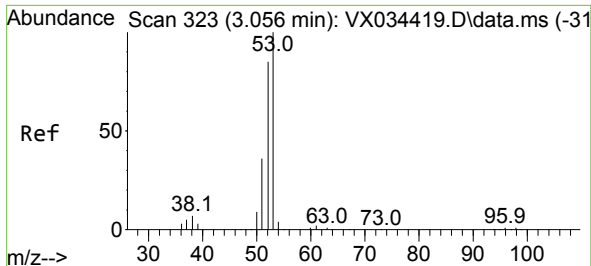
Tgt Ion: 56 Resp: 288

Ion Ratio Lower Upper

56 100

55 83.7 56.6 85.0





#15

Acrylonitrile

Concen: 0.282 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

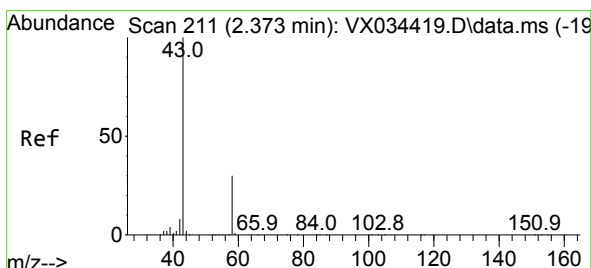
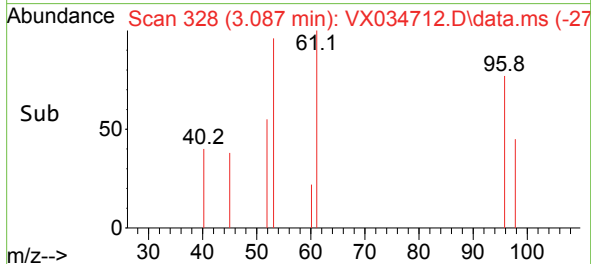
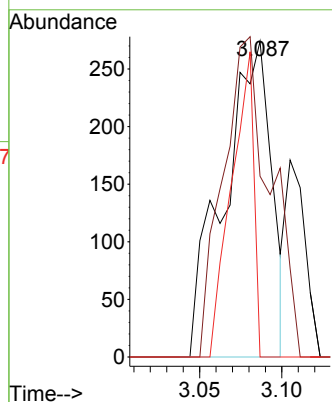
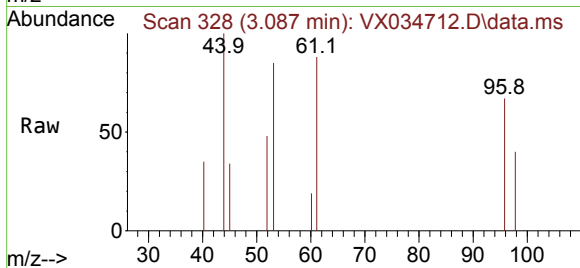
Tgt Ion: 53 Resp: 551

Ion Ratio Lower Upper

53 100

52 101.1 66.2 99.2#

51 45.6 28.3 42.5#



#16

Acetone

Concen: 0.627 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.024 min

Lab File: VX034712.D

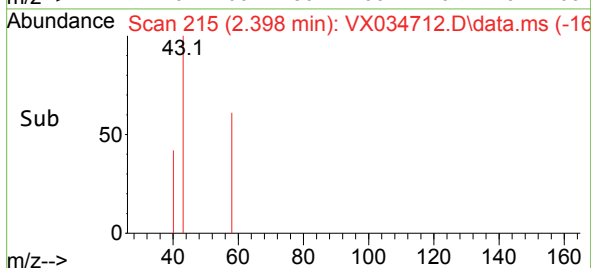
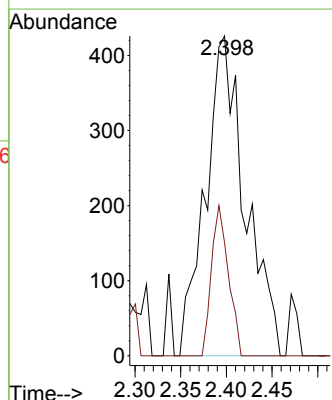
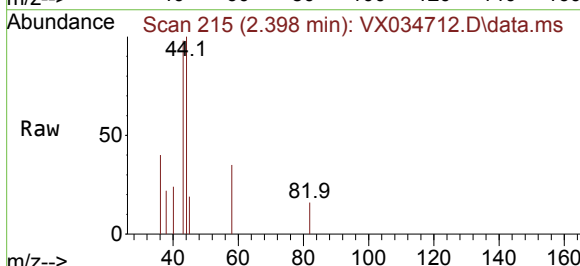
Acq: 24 Mar 2023 10:44

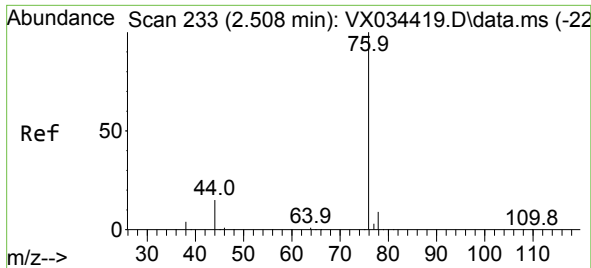
Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

58 35.4 24.7 37.1

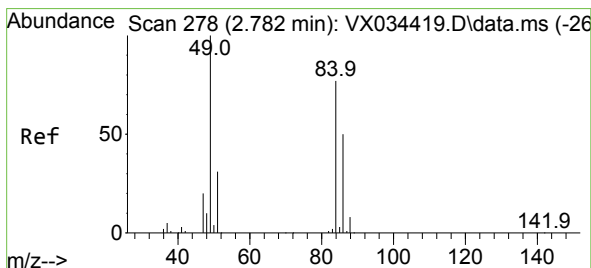
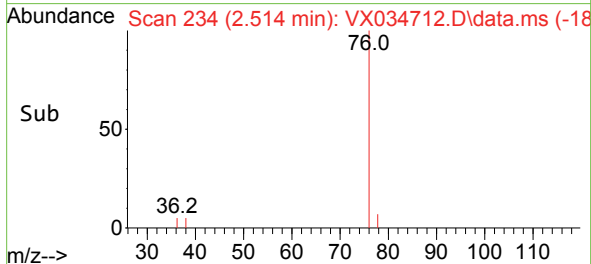
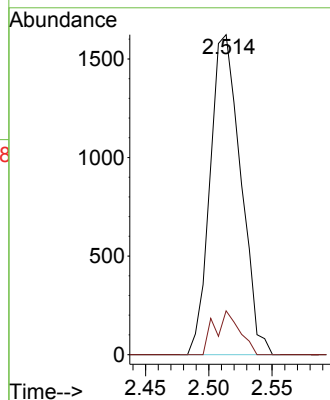
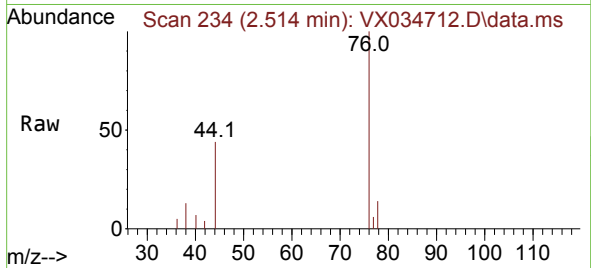




#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

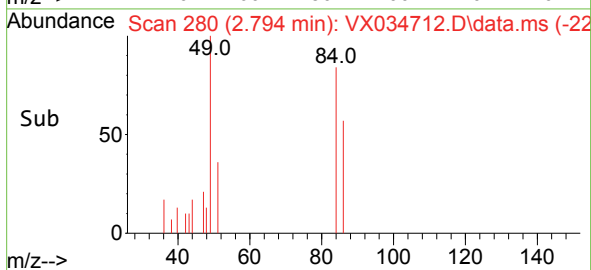
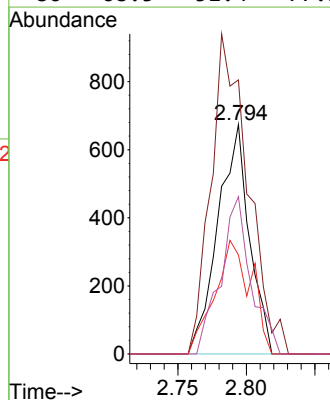
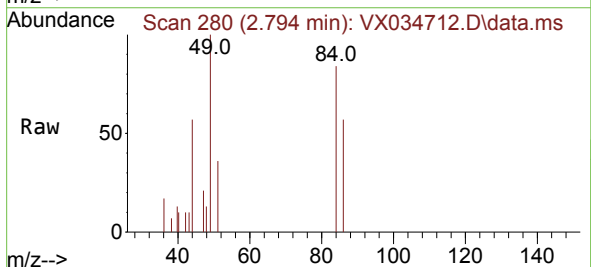
Instrument :
MSVOA_X
ClientSampleId :

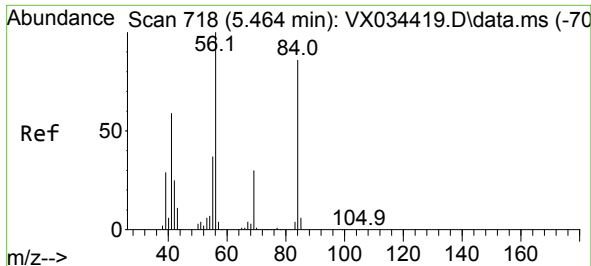
Tgt Ion: 76 Resp: 2736
Ion Ratio Lower Upper
76 100
78 13.7 7.2 10.8#



#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

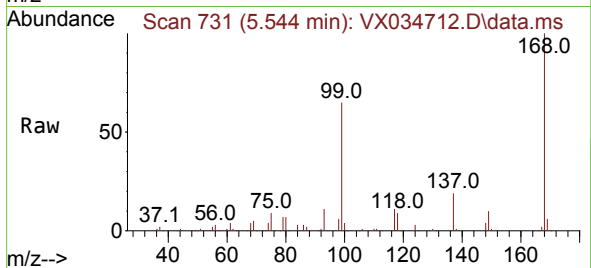
Tgt Ion: 84 Resp: 1077
Ion Ratio Lower Upper
84 100
49 119.4 103.8 155.8
51 43.2 31.8 47.8
86 68.5 51.4 77.2



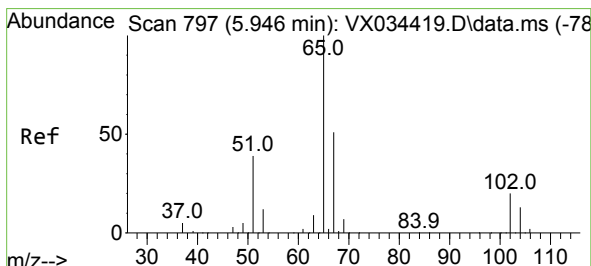
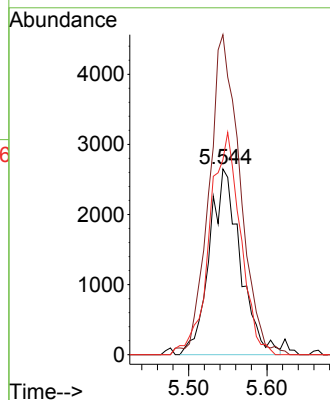
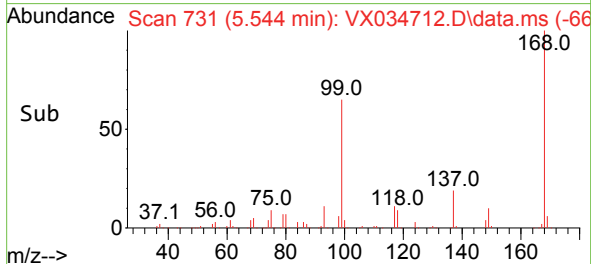


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

Instrument :
MSVOA_X
ClientSampleId :

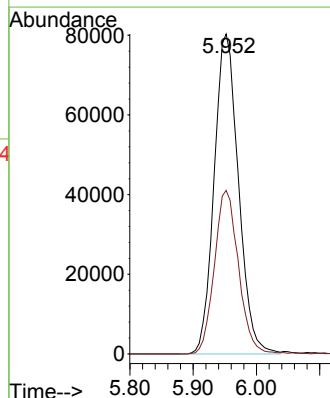
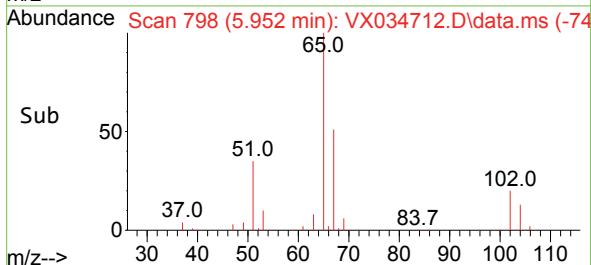
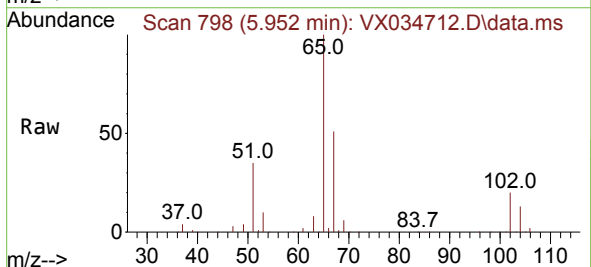


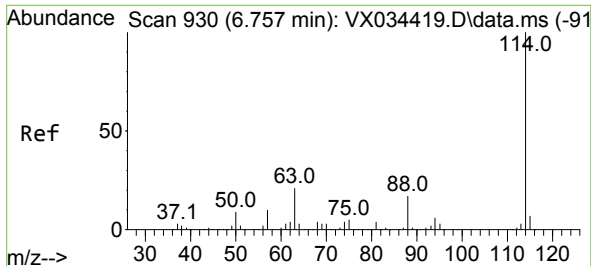
Tgt Ion: 56 Resp: 7252
Ion Ratio Lower Upper
56 100
69 169.8 23.7 35.5#
84 104.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.241 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

Tgt Ion: 65 Resp: 214207
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

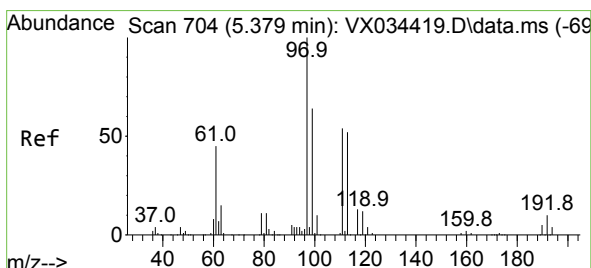
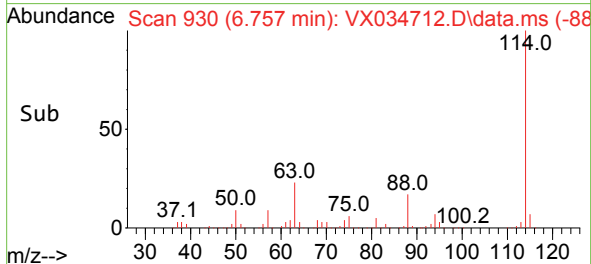
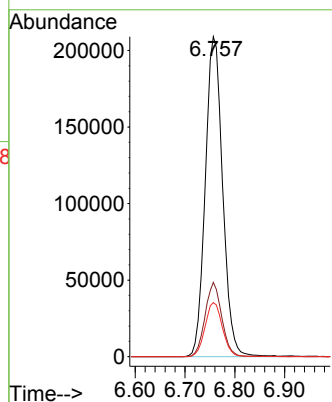
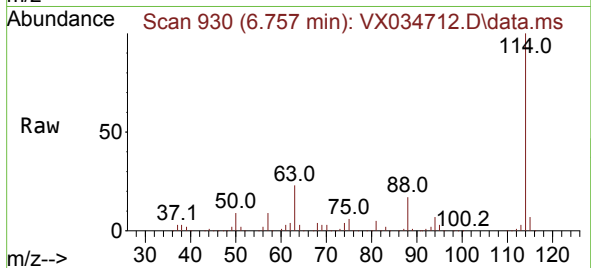




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

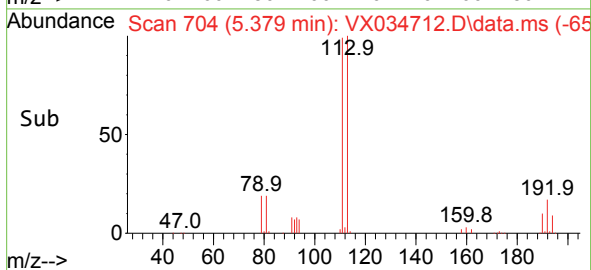
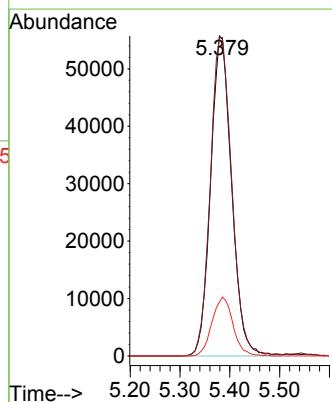
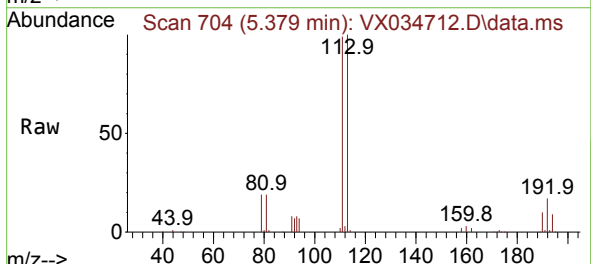
Instrument :
MSVOA_X
ClientSampleId :

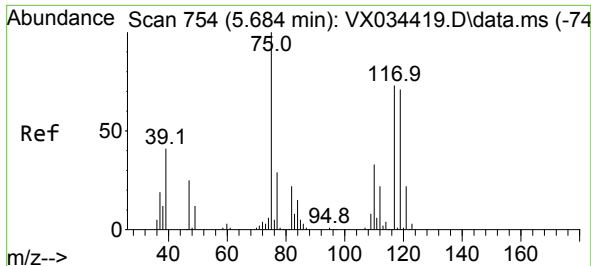
Tgt Ion:114 Resp: 505263
Ion Ratio Lower Upper
114 100
63 23.2 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

Tgt Ion:113 Resp: 162639
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

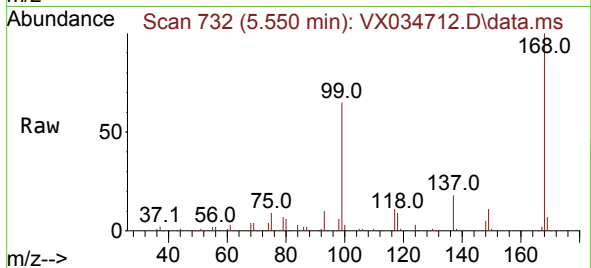
Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :



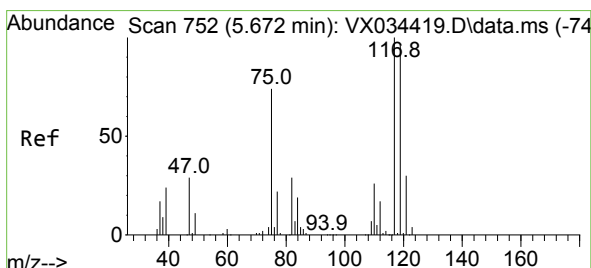
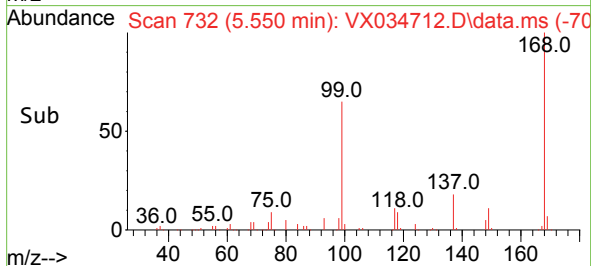
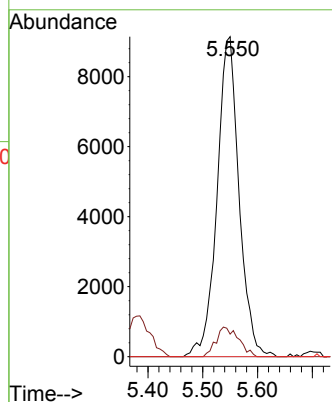
Tgt Ion: 75 Resp: 25540

Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.237 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

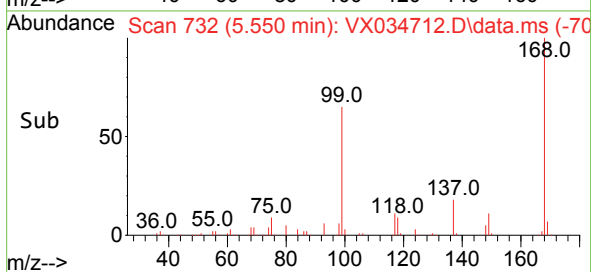
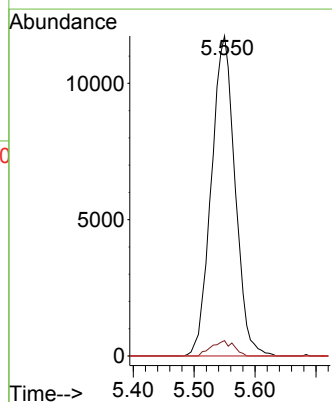
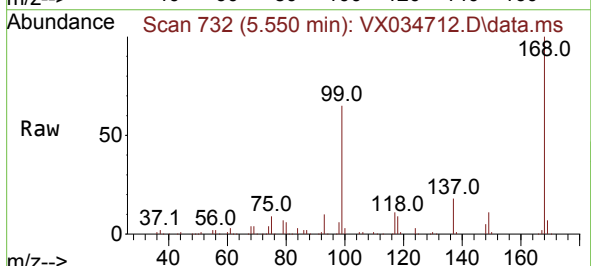
Tgt Ion: 117 Resp: 31791

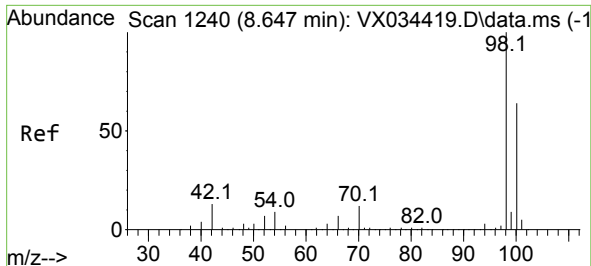
Ion Ratio Lower Upper

117 100

119 4.8 76.6 114.8#

121 0.0 23.8 35.6#

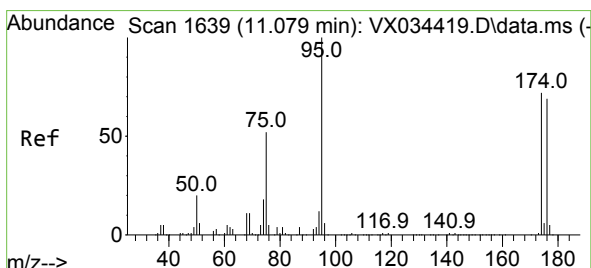
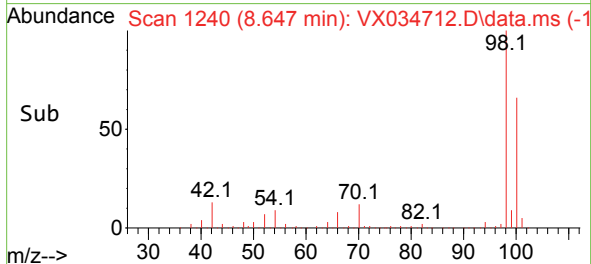
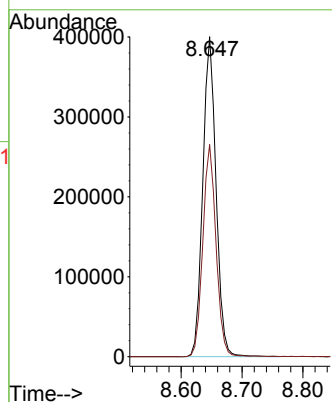
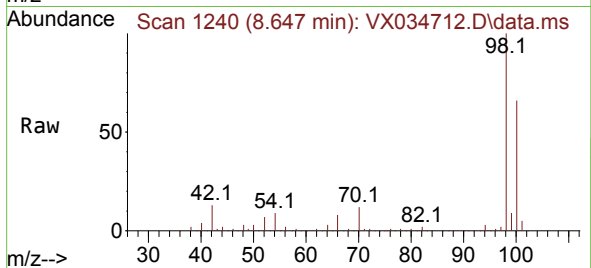




#50
Toluene-d8
Concen: 48.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

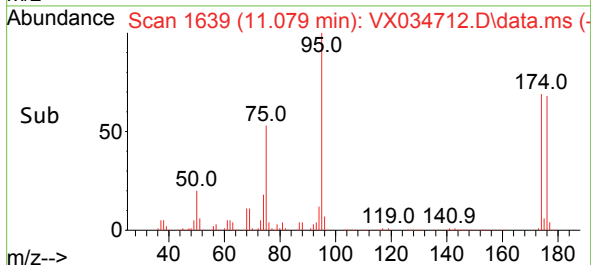
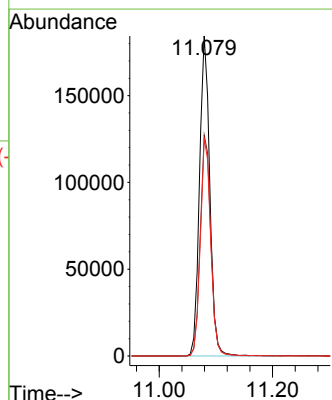
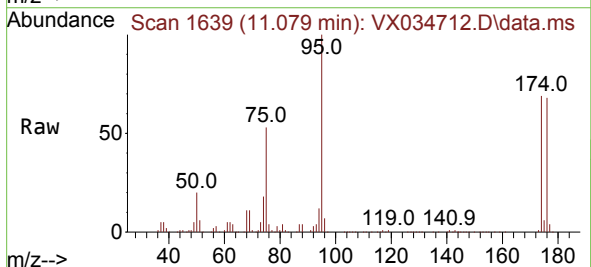
Instrument :
MSVOA_X
ClientSampleId :

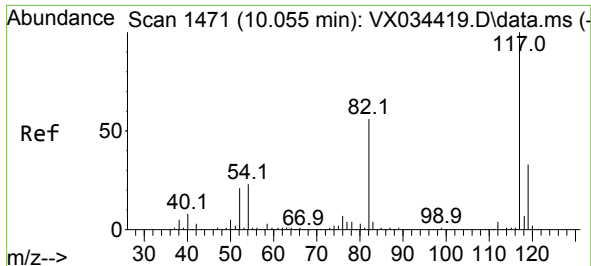
Tgt Ion: 98 Resp: 605243
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

Tgt Ion: 95 Resp: 231944
Ion Ratio Lower Upper
95 100
174 71.1 0.0 147.4
176 68.3 0.0 140.6

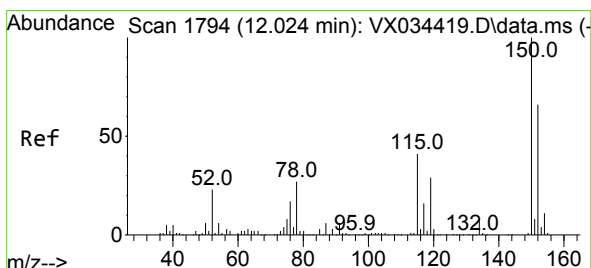
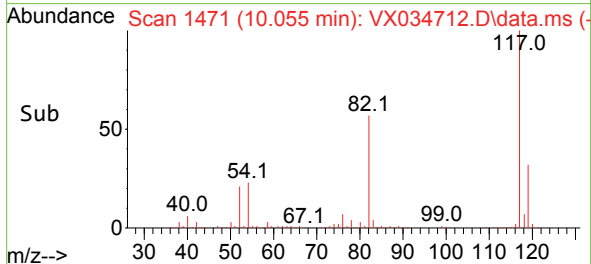
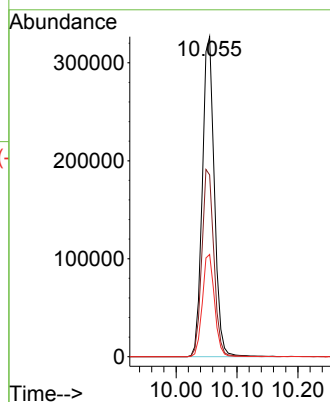
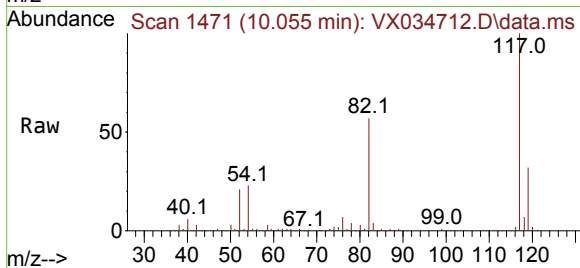




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

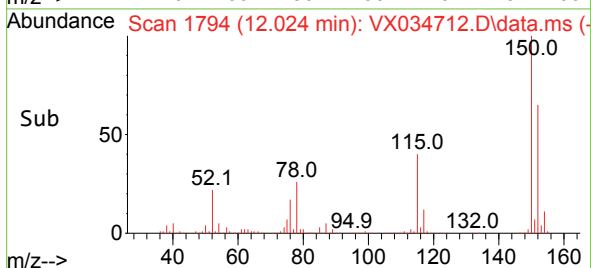
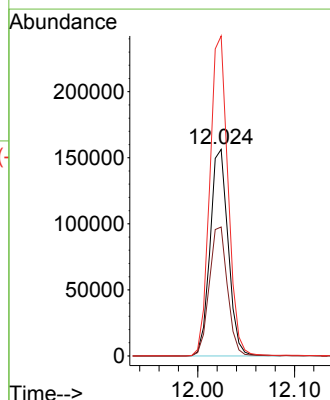
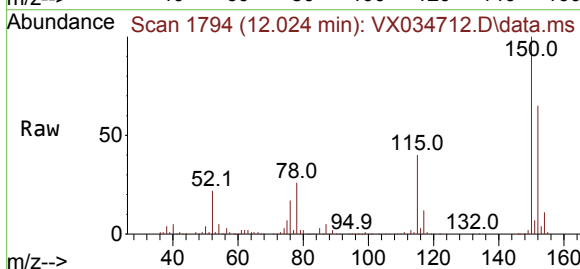
Instrument :
MSVOA_X
ClientSampleId :

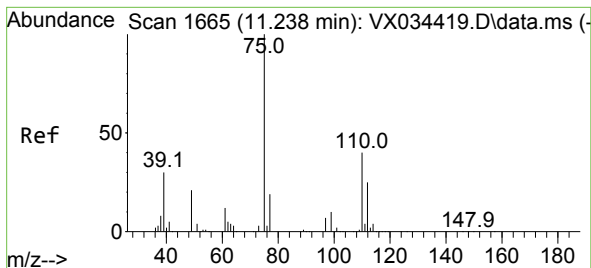
Tgt Ion:117 Resp: 449226
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034712.D
Acq: 24 Mar 2023 10:44

Tgt Ion:152 Resp: 203549
Ion Ratio Lower Upper
152 100
115 62.9 45.0 135.0
150 156.5 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.133 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

Instrument :

MSVOA_X

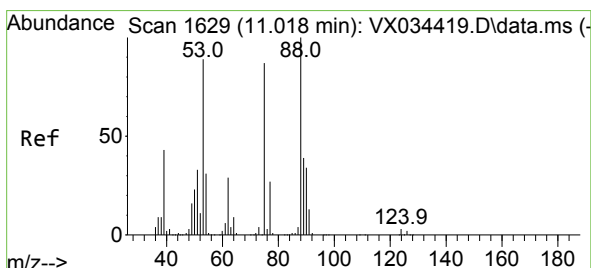
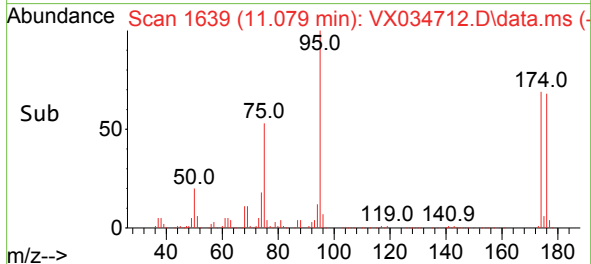
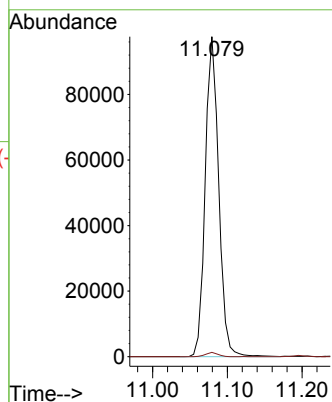
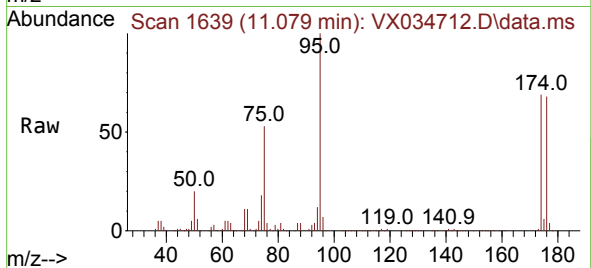
ClientSampleId :

Tgt Ion: 75 Resp: 122140

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.699 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

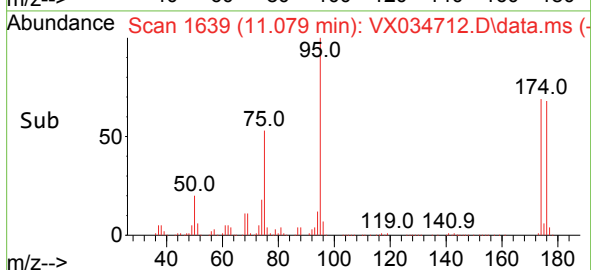
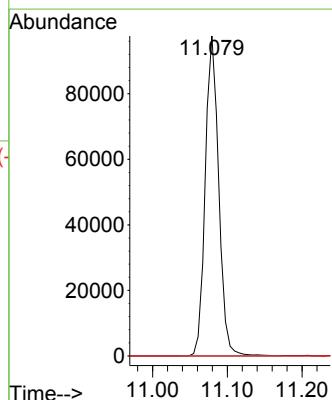
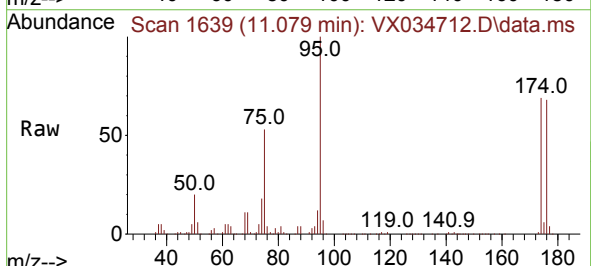
Tgt Ion: 75 Resp: 122140

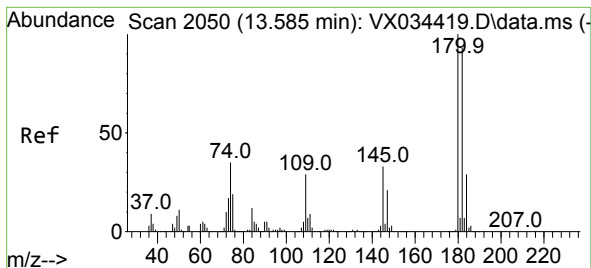
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.288 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

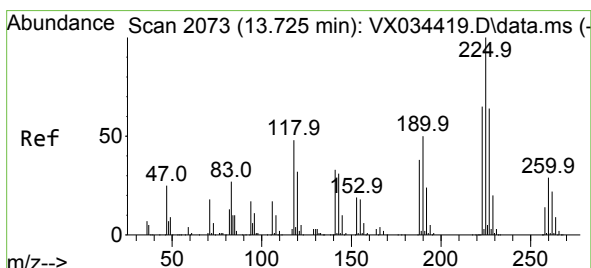
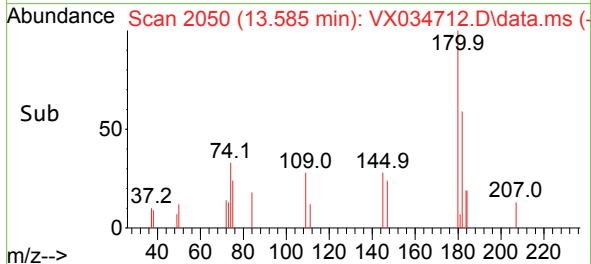
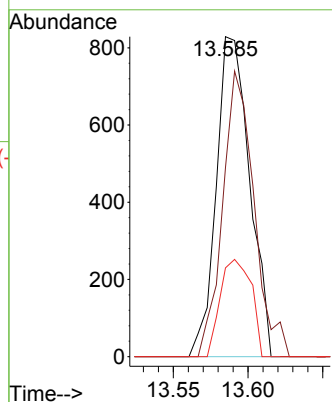
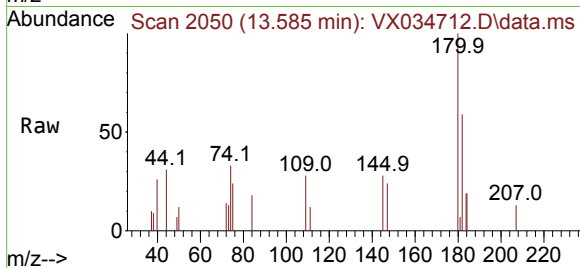
Tgt Ion:180 Resp: 1287

Ion Ratio Lower Upper

180 100

182 83.7 47.0 141.0

145 28.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.342 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

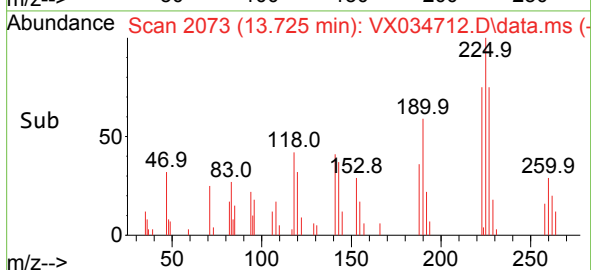
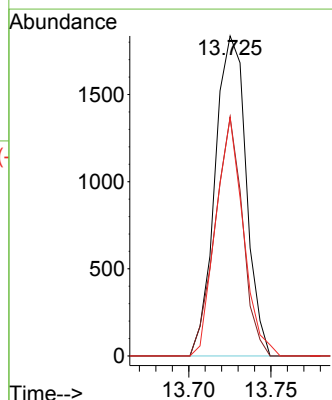
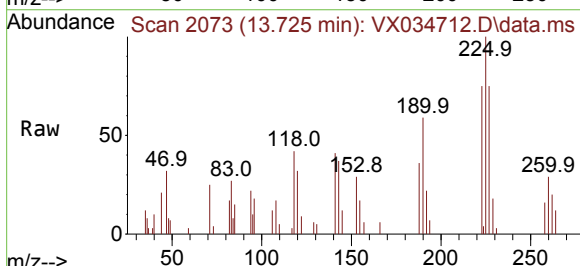
Tgt Ion:225 Resp: 2416

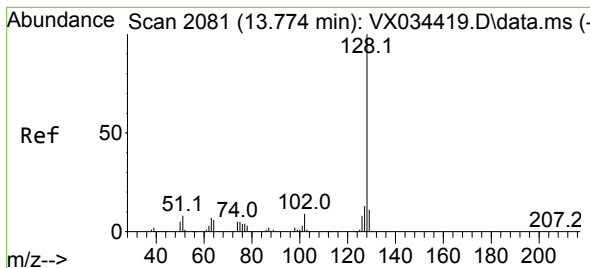
Ion Ratio Lower Upper

225 100

223 66.2 32.1 96.5

227 66.2 31.8 95.4





#95

Naphthalene

Concen: 0.271 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034712.D

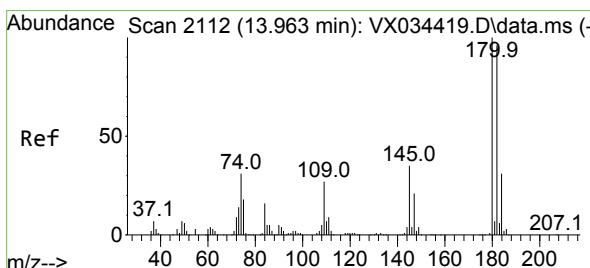
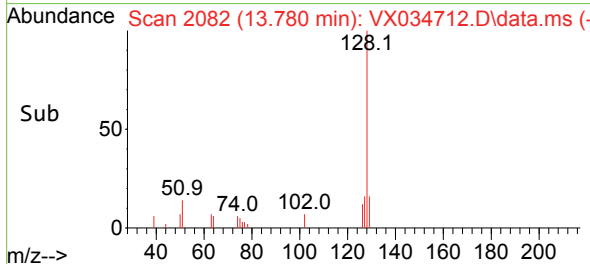
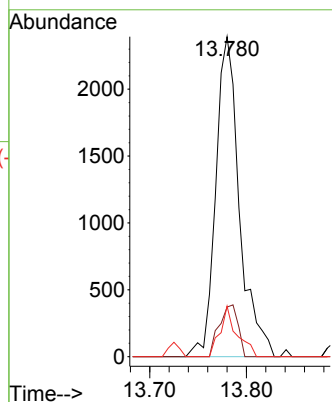
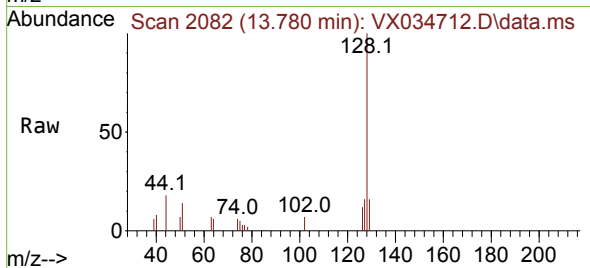
Acq: 24 Mar 2023 10:44

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	4063
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	11.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.336 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034712.D

Acq: 24 Mar 2023 10:44

Tgt Ion:180	Resp:	1469
Ion Ratio	Lower	Upper
180	100	
182	96.7	48.0 144.2
145	31.3	17.7 53.1

