

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034424.D
 Acq On : 13 Mar 2023 11:19
 Operator : JC/MD
 Sample : VX0313WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 02:21:51 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	294277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	494035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195515	50.000	ug/l	0.00

System Monitoring Compounds

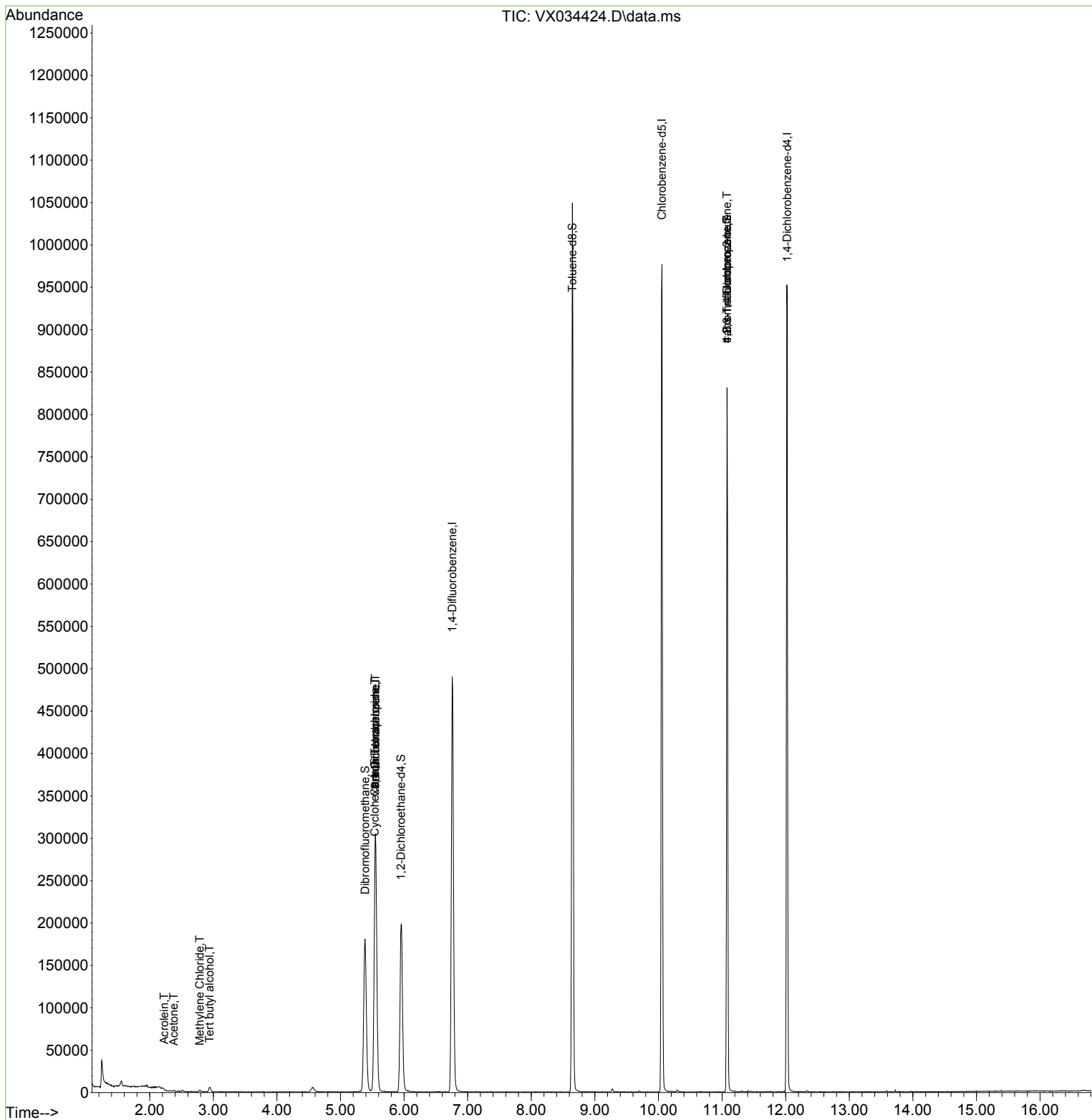
33) 1,2-Dichloroethane-d4	5.952	65	190016	44.384	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.760%
35) Dibromofluoromethane	5.385	113	159191	48.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.647	98	598643	49.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	211475	42.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.000%

Target Compounds

					Qvalue	
3) Chloromethane	1.301	50	775	Below Cal	#	75
11) Tert butyl alcohol	2.941	59	3206	3.596	ug/l #	73
13) Acrolein	2.227	56	320	0.454	ug/l #	55
16) Acetone	2.380	43	1373	0.681	ug/l #	87
20) Methylene Chloride	2.788	84	1016	0.260	ug/l #	73
31) Cyclohexane	5.538	56	6725	1.120	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	23246	4.640	ug/l #	50
38) Carbon Tetrachloride	5.544	117	29086	5.836	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	109379	24.365	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	109379	65.914	ug/l #	8

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

Quant Time: Mar 14 02:21:51 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

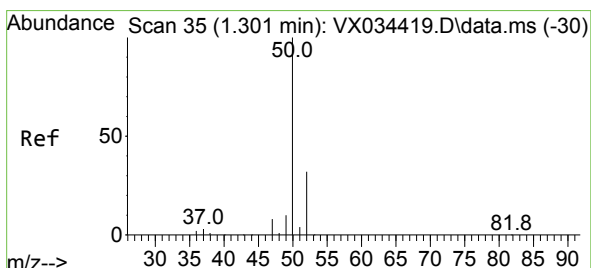
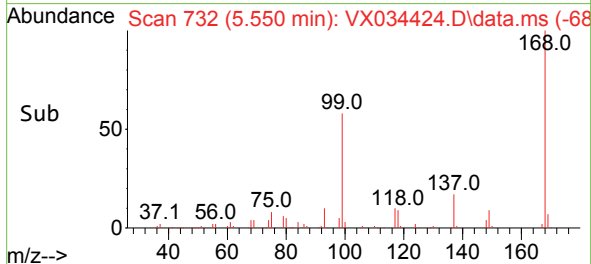
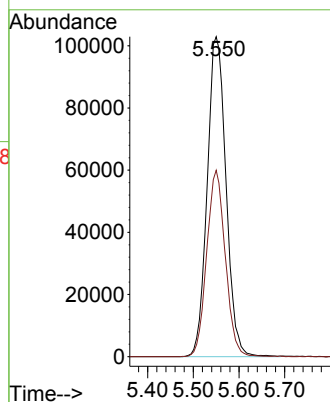
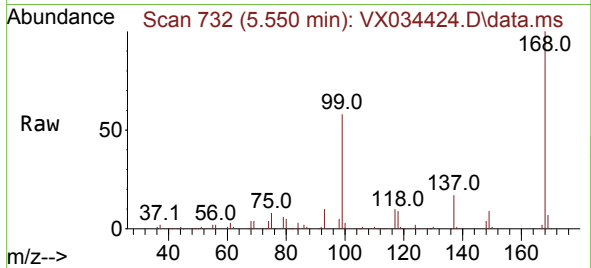




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

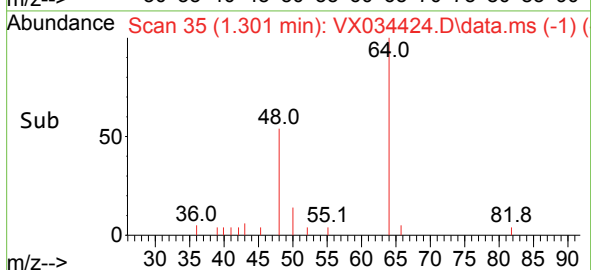
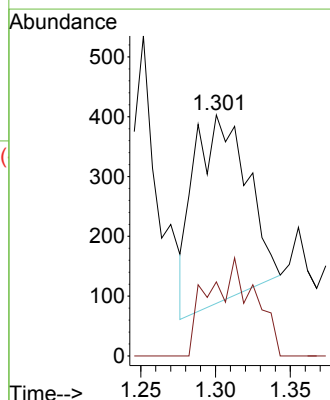
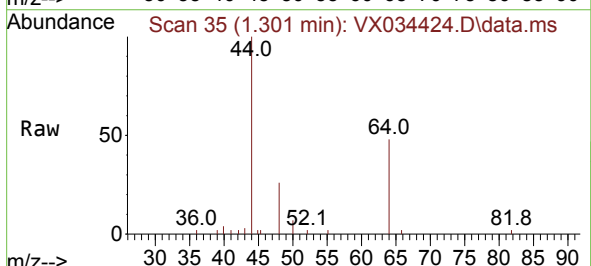
Instrument :
MSVOA_X
ClientSampleId :

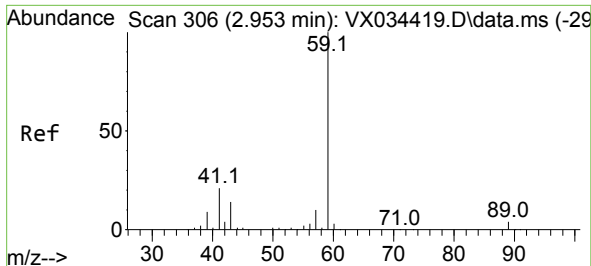
Tgt Ion:168 Resp: 294277
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

Tgt Ion: 50 Resp: 775
Ion Ratio Lower Upper
50 100
52 46.3 25.9 38.9#

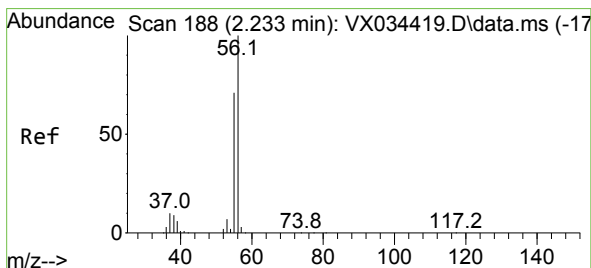
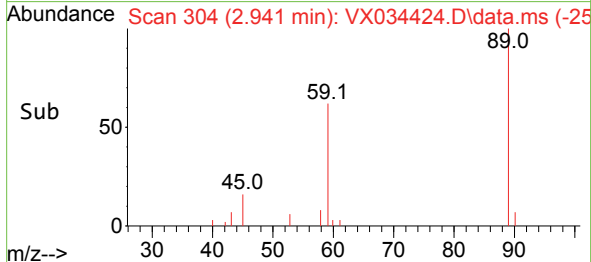
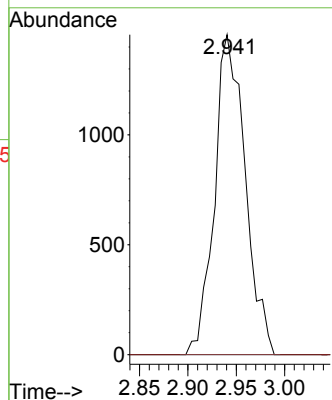
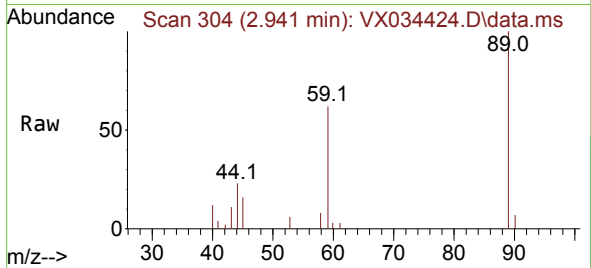




#11
Tert butyl alcohol
Concen: 3.596 ug/l
RT: 2.941 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

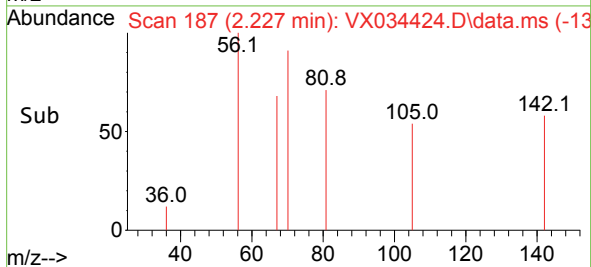
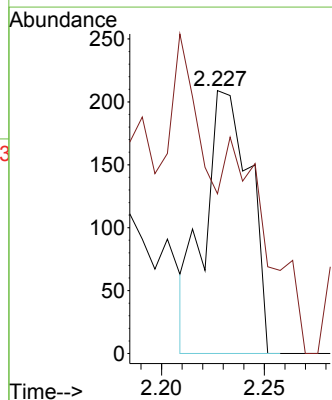
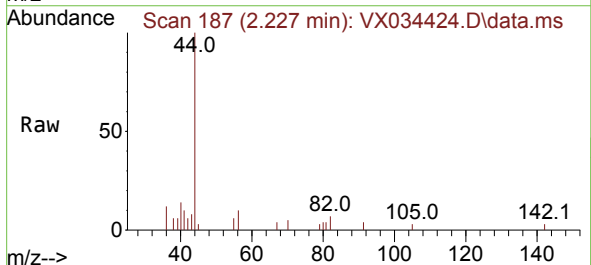
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MSVOA_X
ClientSampleId :

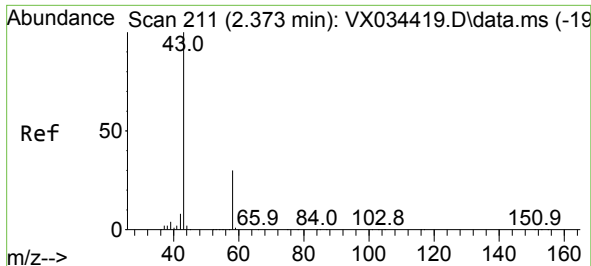
Tgt Ion: 59 Resp: 3206
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.454 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

Tgt Ion: 56 Resp: 320
Ion Ratio Lower Upper
56 100
55 33.8 56.6 85.0#

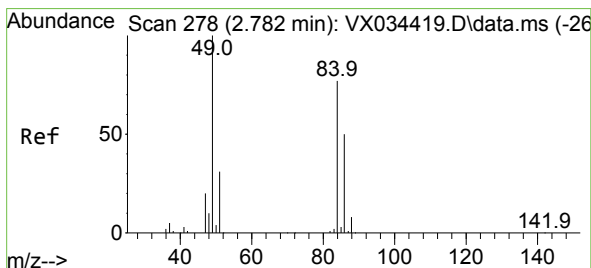
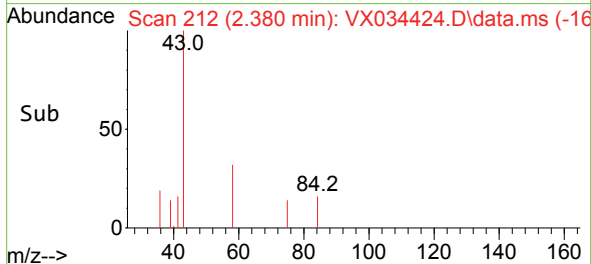
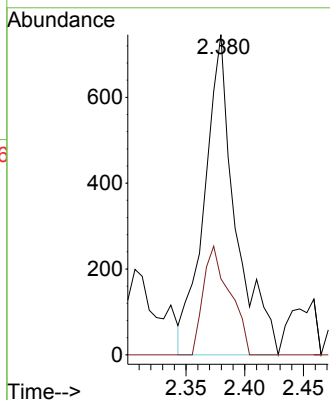
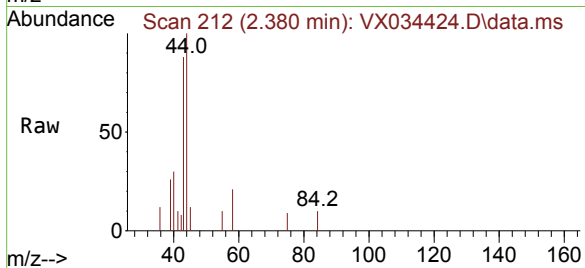




#16
Acetone
Concen: 0.681 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

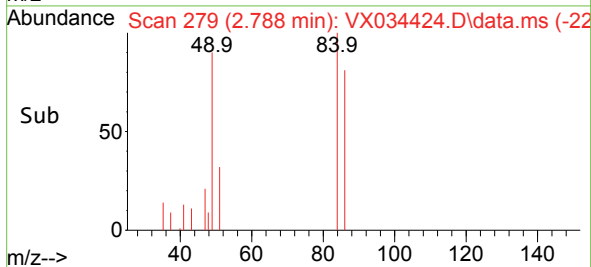
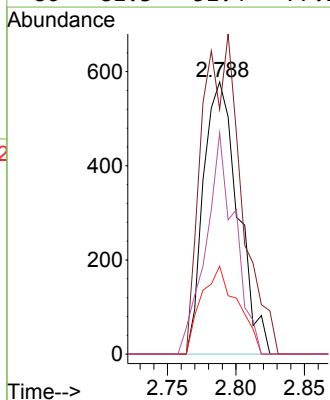
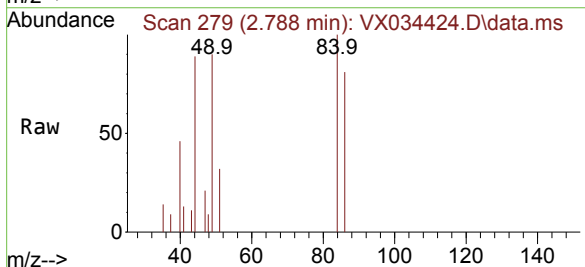
Instrument :
MSVOA_X
ClientSampleId :

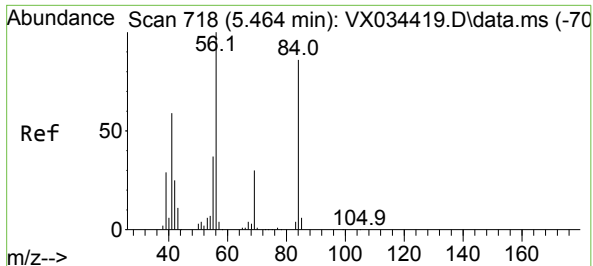
Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
58 23.7 24.7 37.1#



#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

Tgt Ion: 84 Resp: 1016
Ion Ratio Lower Upper
84 100
49 90.0 103.8 155.8#
51 32.4 31.8 47.8
86 81.3 51.4 77.2#





#31

Cyclohexane

Concen: 1.120 ug/l

RT: 5.538 min Scan# 718

Delta R.T. 0.073 min

Lab File: VX034424.D

Acq: 13 Mar 2023 11:19

Instrument :

MSVOA_X

ClientSampleId :

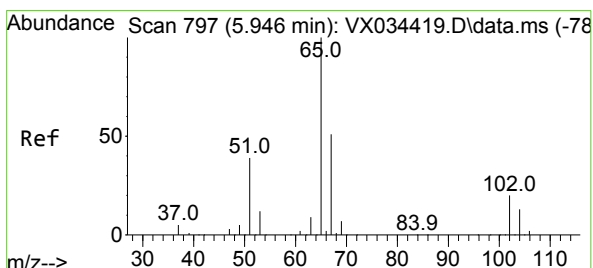
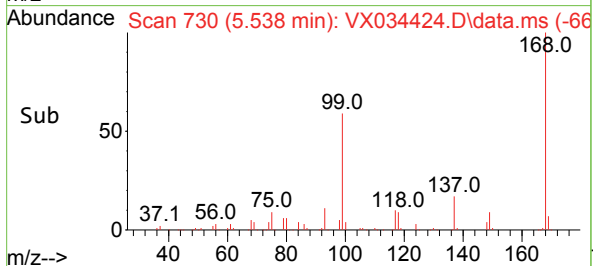
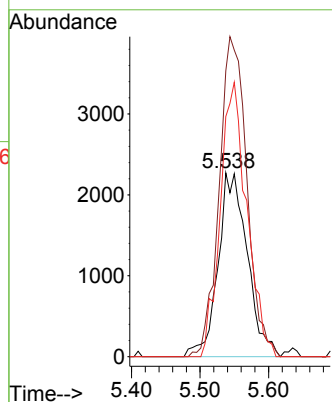
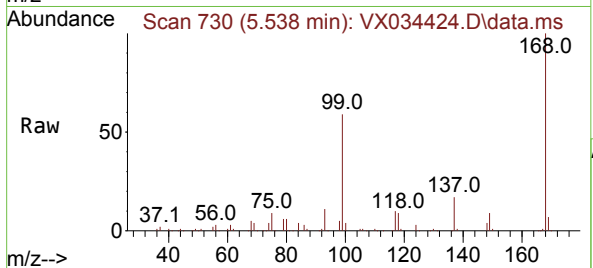
Tgt Ion: 56 Resp: 6725

Ion Ratio Lower Upper

56 100

69 155.5 23.7 35.5#

84 130.7 68.5 102.7#



#33

1,2-Dichloroethane-d4

Concen: 44.384 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034424.D

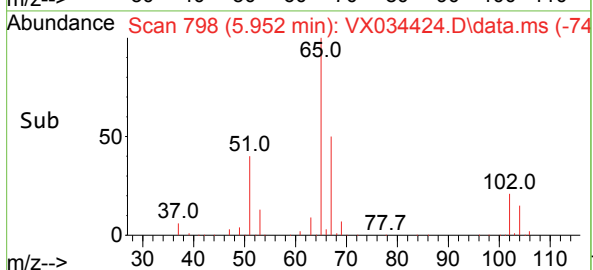
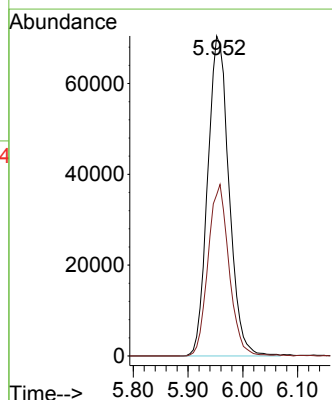
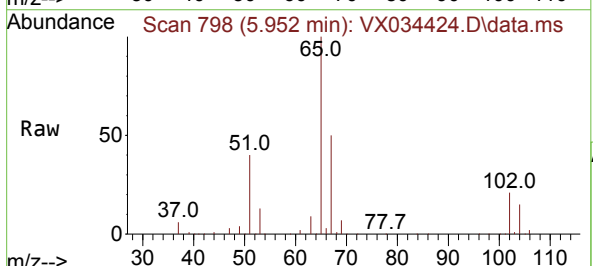
Acq: 13 Mar 2023 11:19

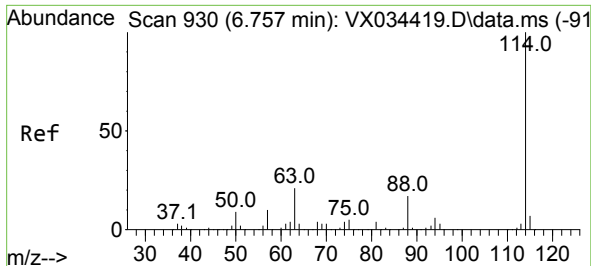
Tgt Ion: 65 Resp: 190016

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0

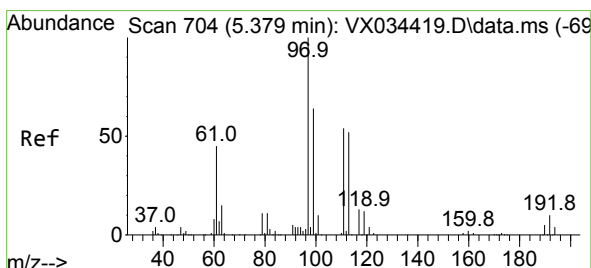
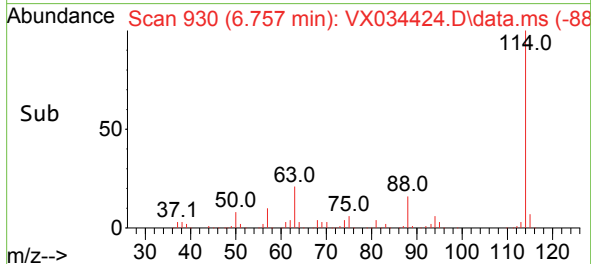
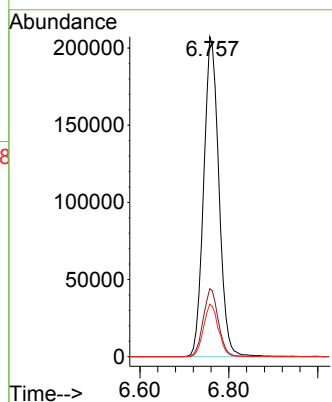
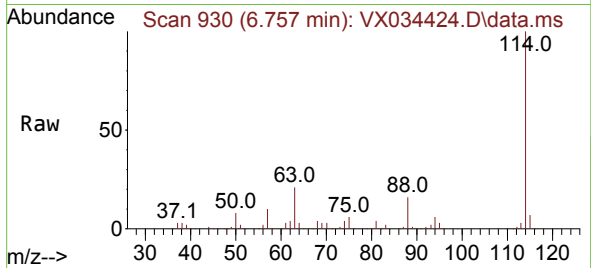




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

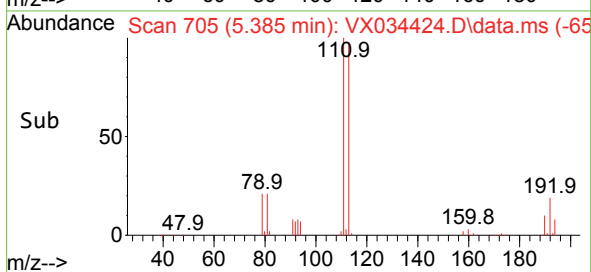
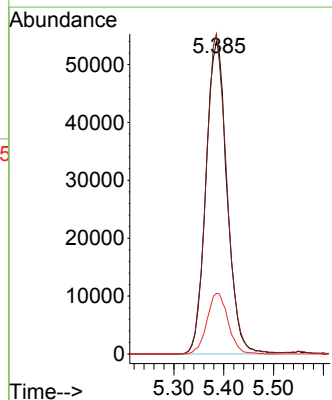
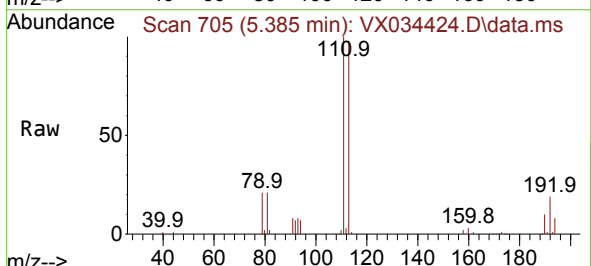
Instrument :
MSVOA_X
ClientSampleId :

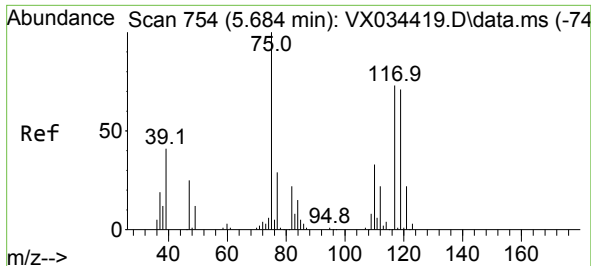
Tgt Ion:114 Resp: 494035
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

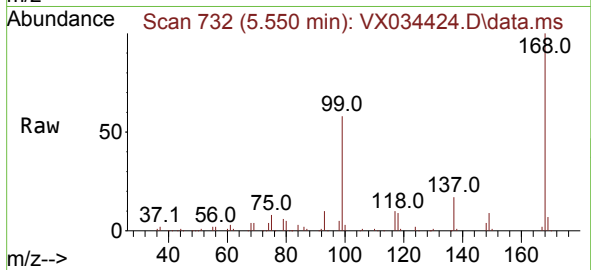
Tgt Ion:113 Resp: 159191
Ion Ratio Lower Upper
113 100
111 100.8 83.7 125.5
192 19.4 15.4 23.2



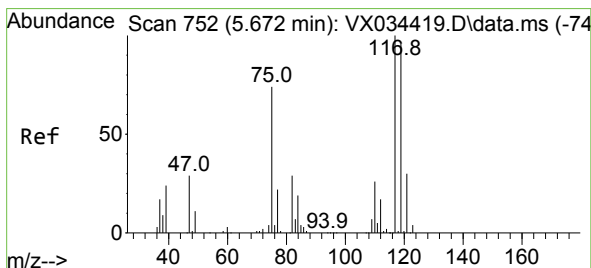
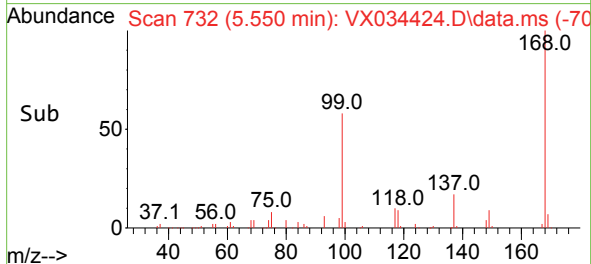
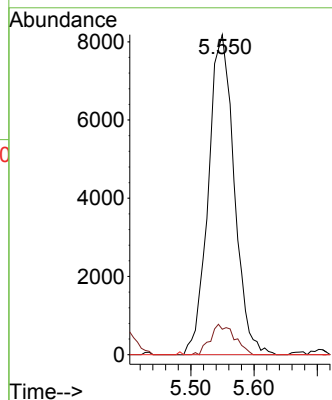


#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

Instrument :
MSVOA_X
ClientSampleId :

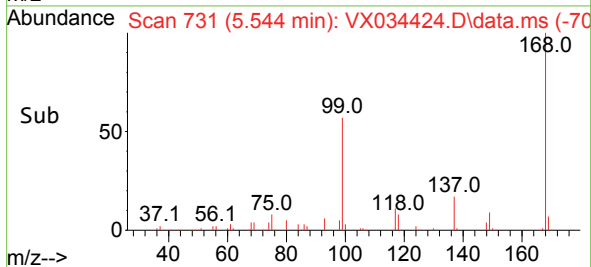
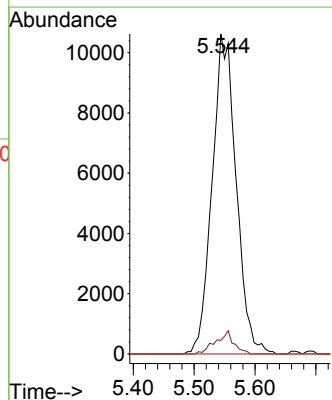
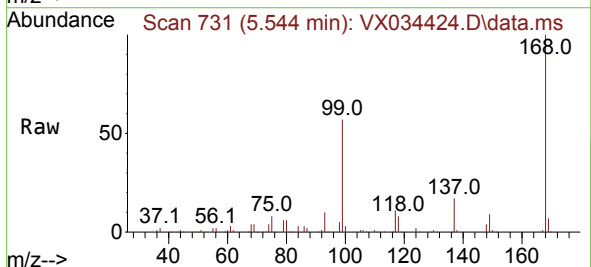


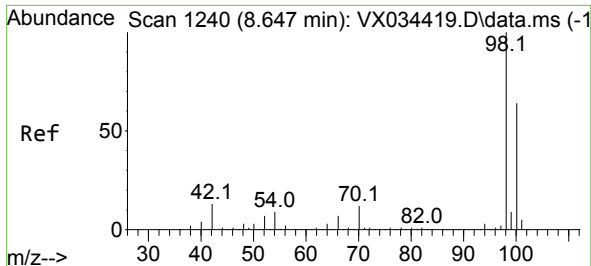
Tgt Ion: 75 Resp: 23246
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

Tgt Ion: 117 Resp: 29086
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#

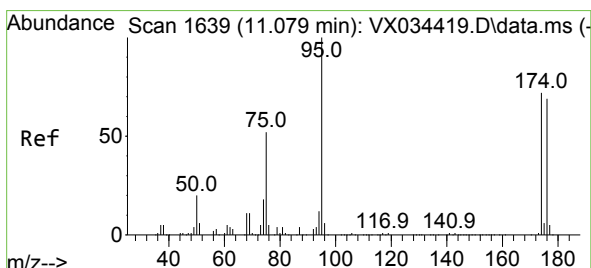
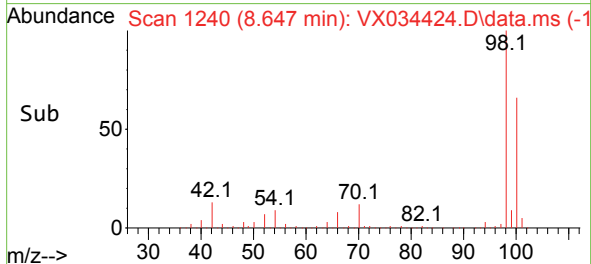
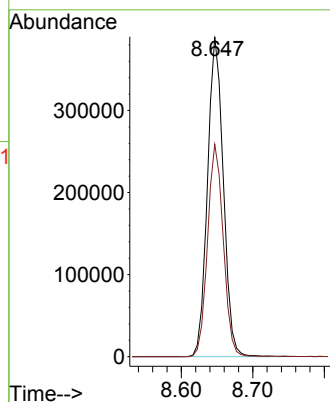
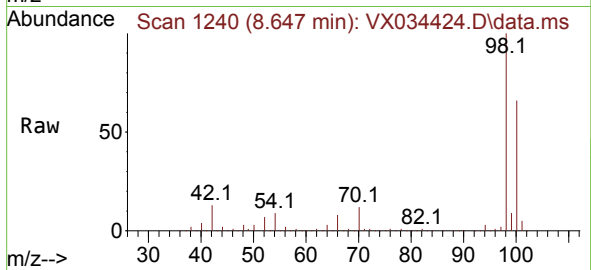




#50
Toluene-d8
Concen: 49.163 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

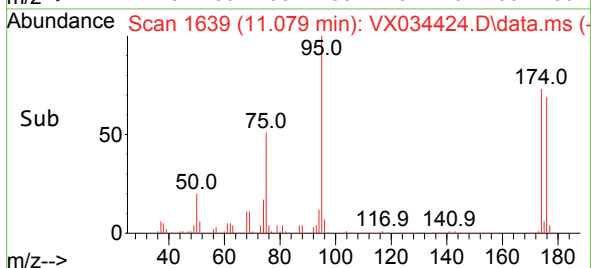
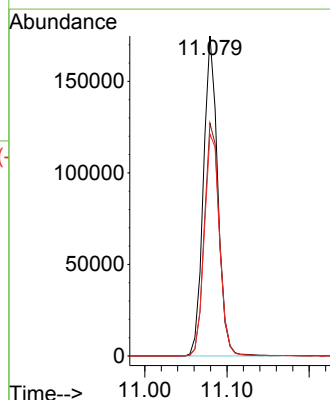
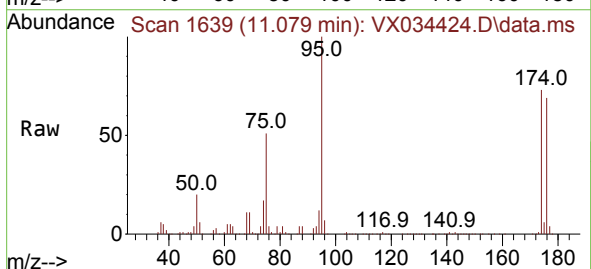
Instrument :
MSVOA_X
ClientSampleId :

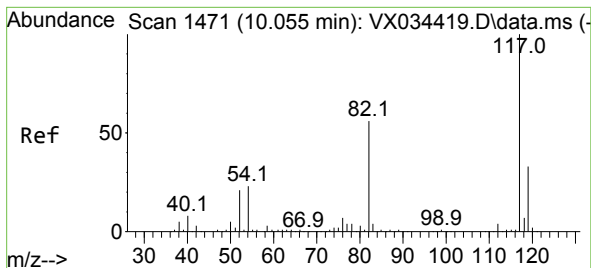
Tgt Ion: 98 Resp: 598643
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

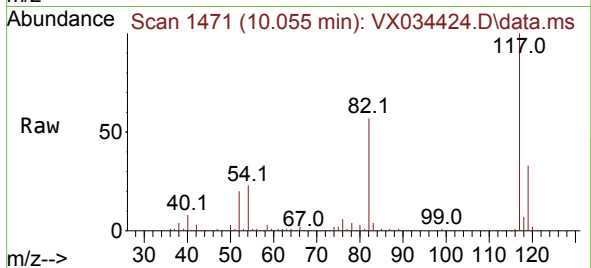
Tgt Ion: 95 Resp: 211475
Ion Ratio Lower Upper
95 100
174 76.5 0.0 147.4
176 73.7 0.0 140.6



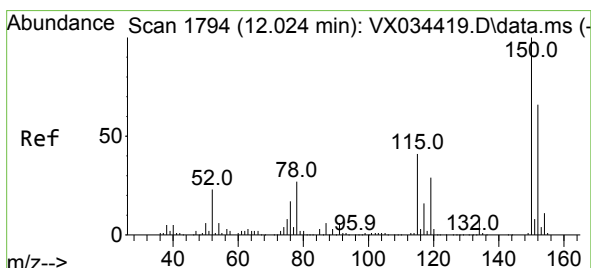
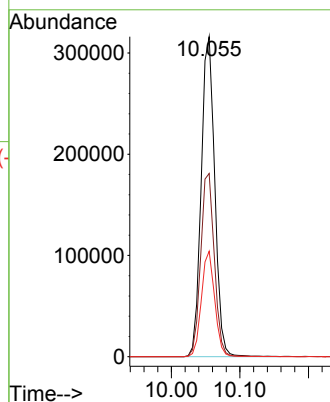
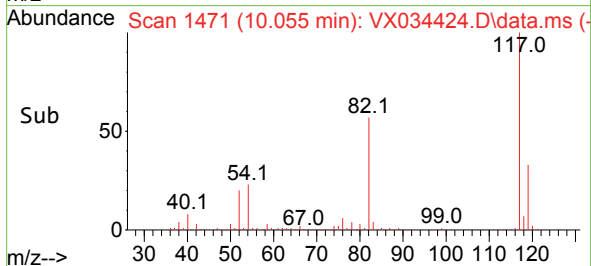


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19

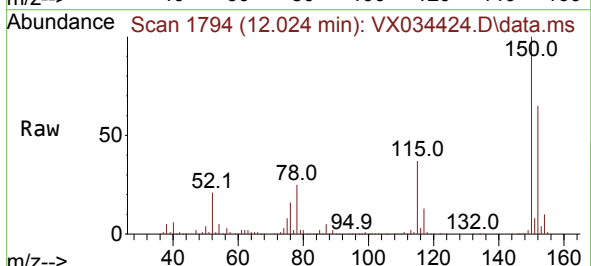
Instrument :
MSVOA_X
ClientSampleId :



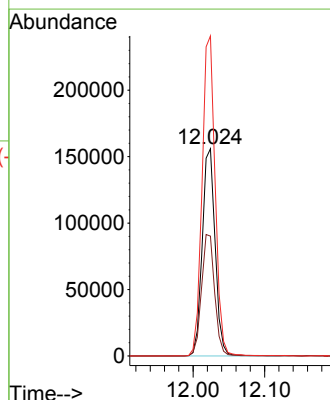
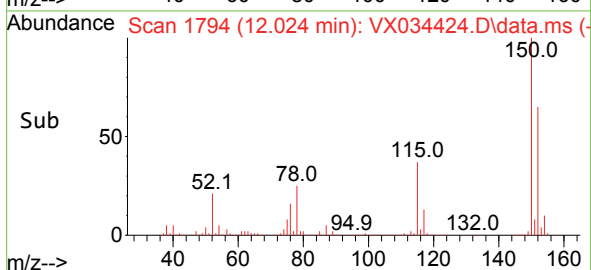
Tgt Ion:117 Resp: 435827
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.9 26.0 39.0

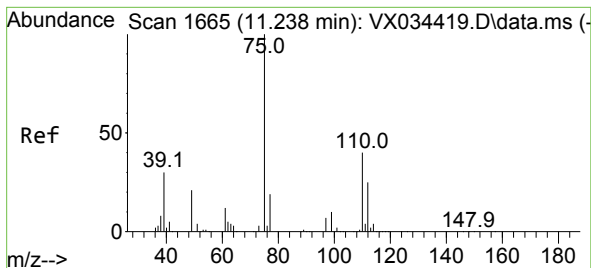


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034424.D
Acq: 13 Mar 2023 11:19



Tgt Ion:152 Resp: 195515
Ion Ratio Lower Upper
152 100
115 59.8 45.0 135.0
150 156.1 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 24.365 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034424.D

Acq: 13 Mar 2023 11:19

Instrument :

MSVOA_X

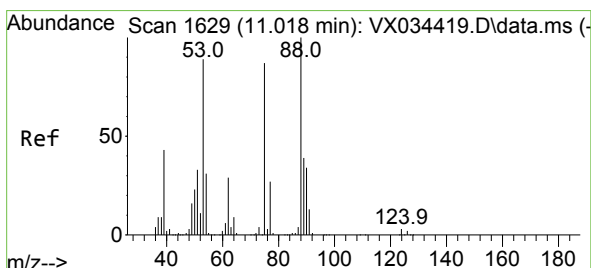
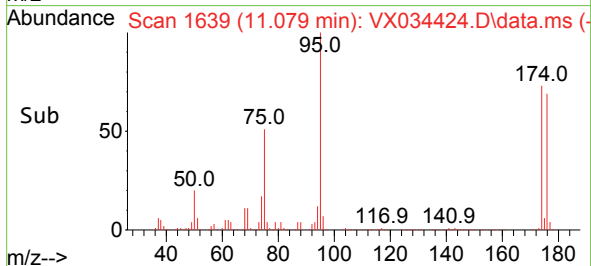
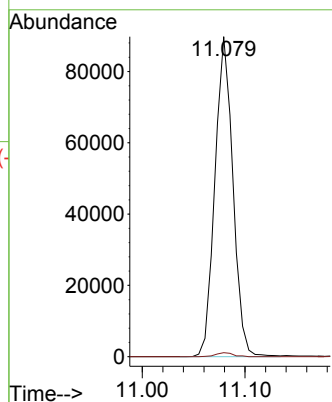
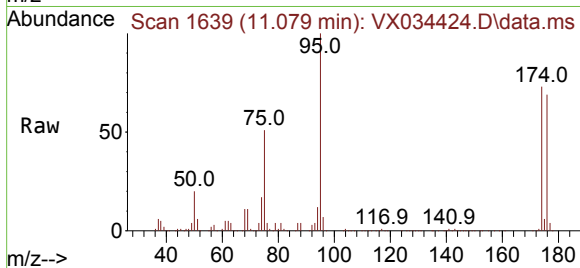
ClientSampleId :

Tgt Ion: 75 Resp: 109379

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.914 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034424.D

Acq: 13 Mar 2023 11:19

Tgt Ion: 75 Resp: 109379

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

