

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034430.D
 Acq On : 13 Mar 2023 14:14
 Operator : JC/MD
 Sample : 01879-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 02:24:52 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)

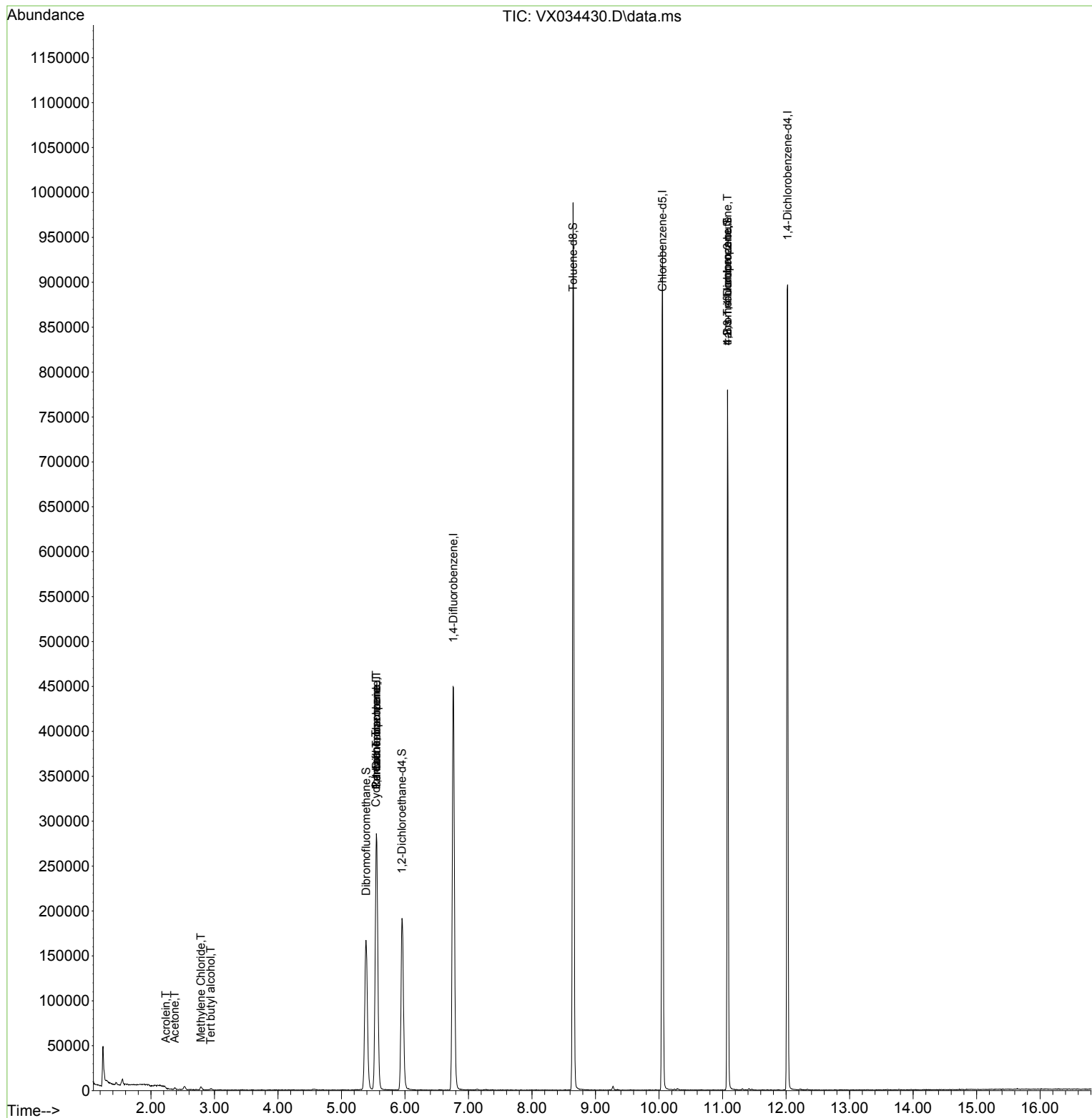
Internal Standards						
1) Pentafluorobenzene	5.550	168	273471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181752	45.684	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.360%
35) Dibromofluoromethane	5.385	113	147101	47.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	563499	49.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	200568	43.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1391	Below Cal		88
11) Tert butyl alcohol	2.941	59	1006	1.214	ug/l #	73
13) Acrolein	2.233	56	371	0.566	ug/l #	40
16) Acetone	2.374	43	1881	1.004	ug/l	96
20) Methylene Chloride	2.788	84	1643	0.452	ug/l #	75
31) Cyclohexane	5.544	56	6221	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22119	4.686	ug/l #	49
38) Carbon Tetrachloride	5.550	117	27159	5.784	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	103281	24.003	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	103281	64.935	ug/l #	8

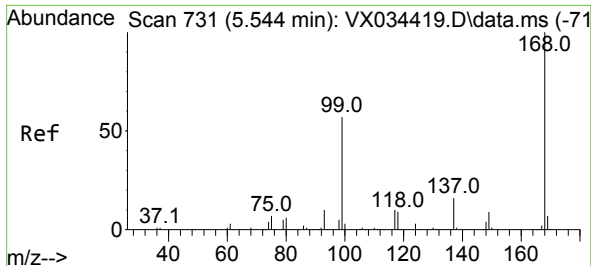
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

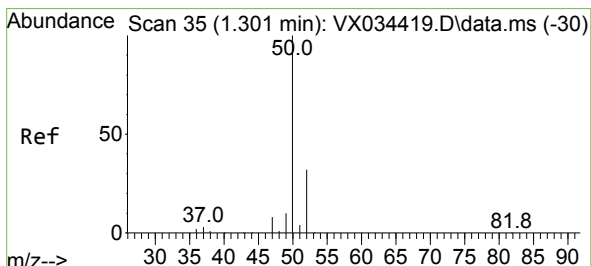
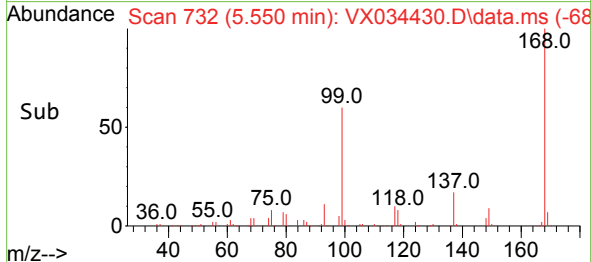
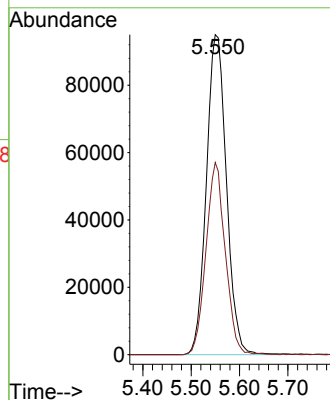
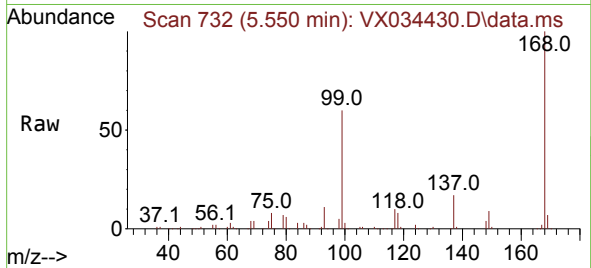




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

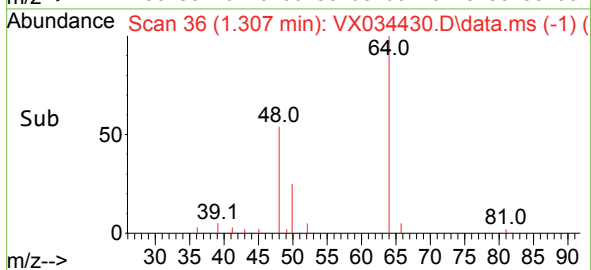
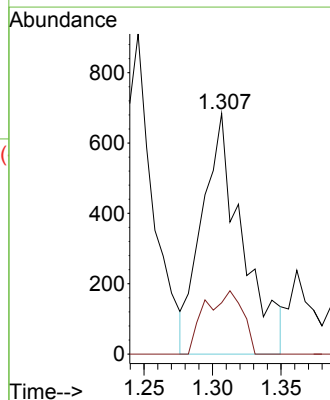
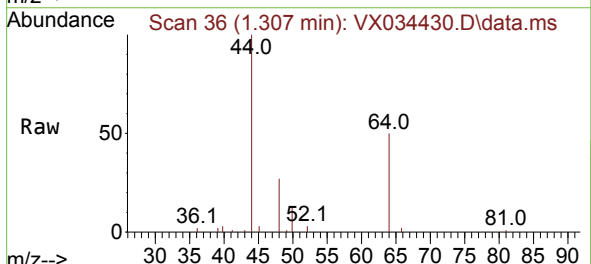
Instrument :
MSVOA_X
ClientSampleId :

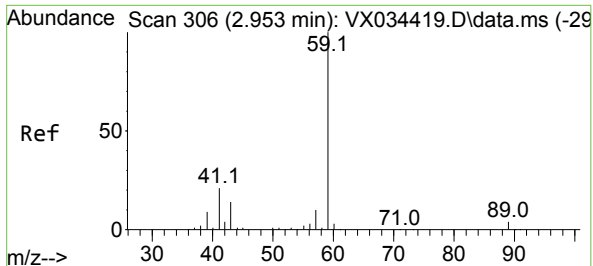
Tgt Ion:168 Resp: 273471
Ion Ratio Lower Upper
168 100
99 60.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

Tgt Ion: 50 Resp: 1391
Ion Ratio Lower Upper
50 100
52 25.9 25.9 38.9





#11

Tert butyl alcohol

Concen: 1.214 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

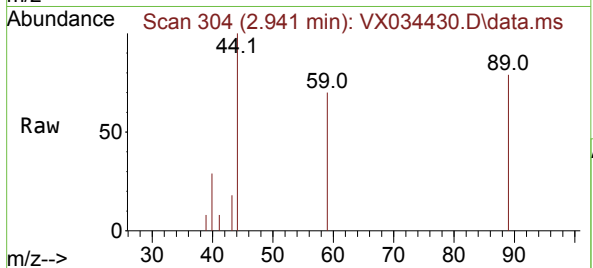
Lab File: VX034430.D

Acq: 13 Mar 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

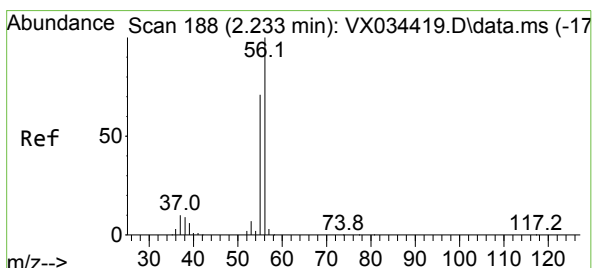
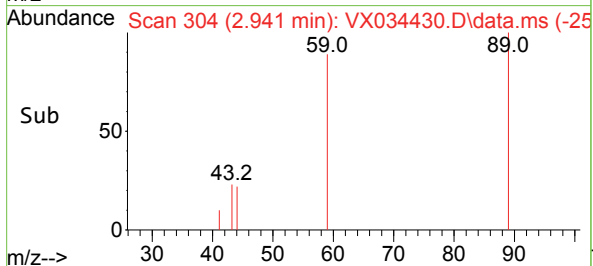
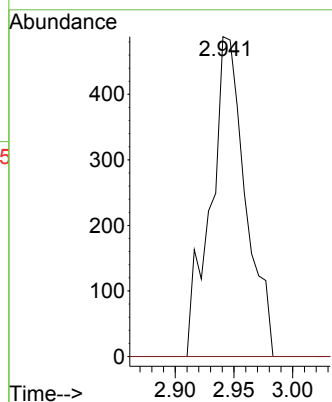


Tgt Ion: 59 Resp: 1006

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.566 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034430.D

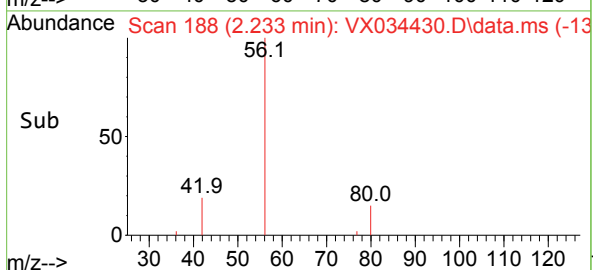
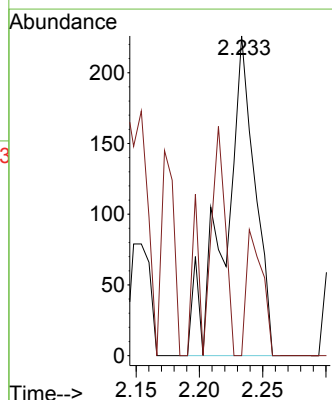
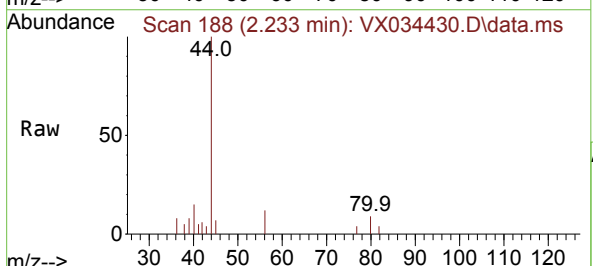
Acq: 13 Mar 2023 14:14

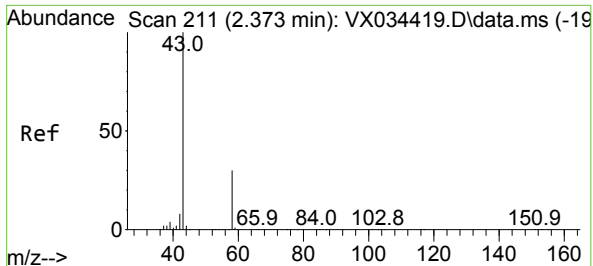
Tgt Ion: 56 Resp: 371

Ion Ratio Lower Upper

56 100

55 21.0 56.6 85.0#

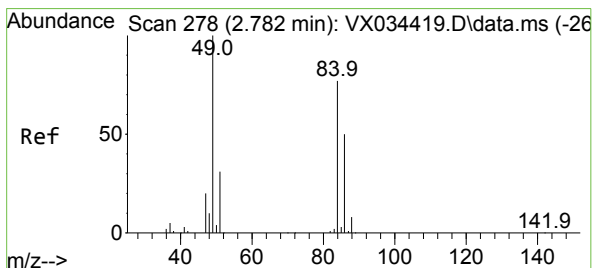
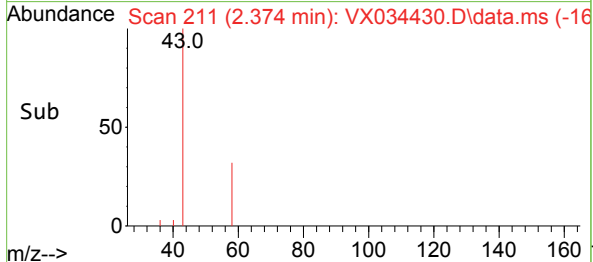
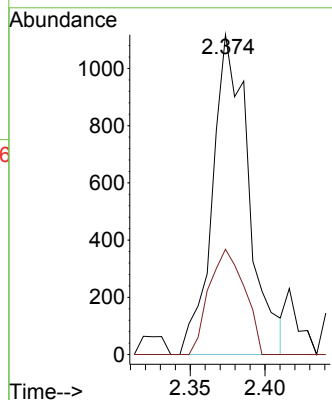
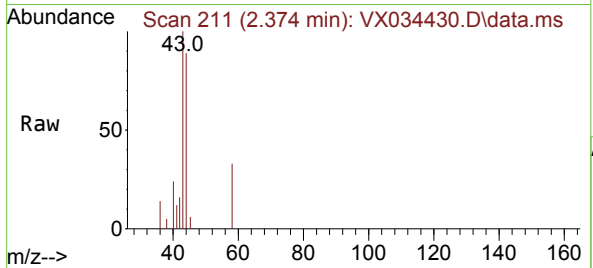




#16
Acetone
Concen: 1.004 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

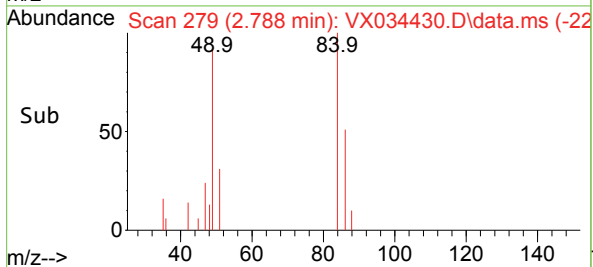
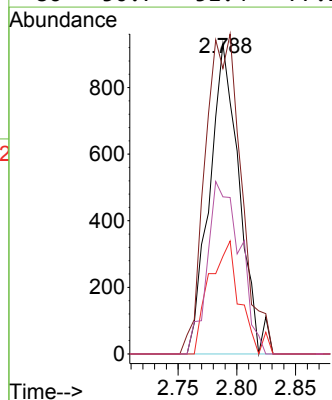
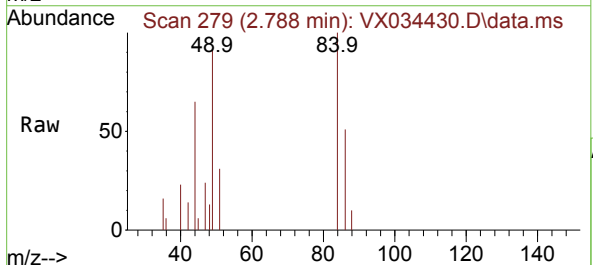
Instrument :
MSVOA_X
ClientSampleId :

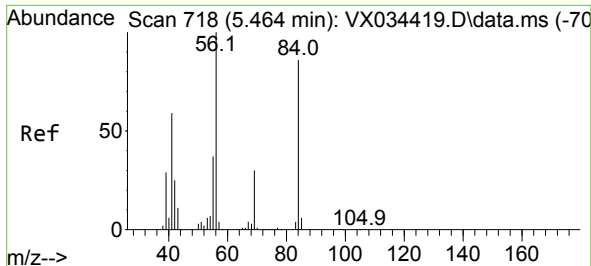
Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 32.9 24.7 37.1



#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

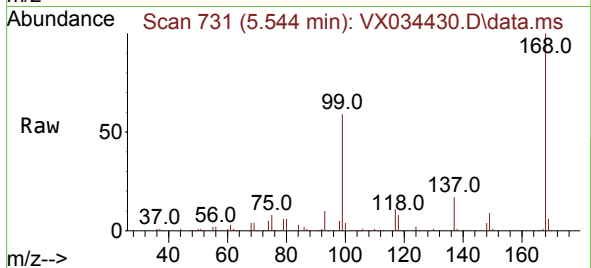
Tgt Ion: 84 Resp: 1643
Ion Ratio Lower Upper
84 100
49 92.1 103.8 155.8#
51 31.5 31.8 47.8#
86 50.7 51.4 77.2#



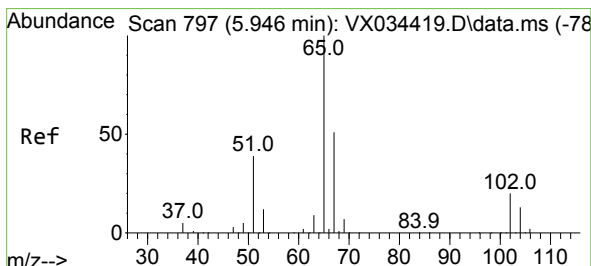
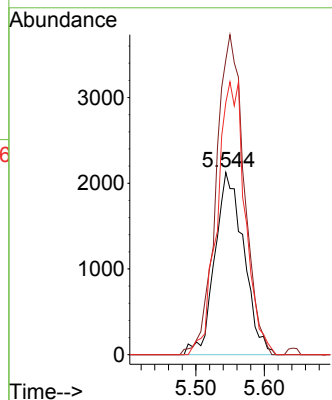
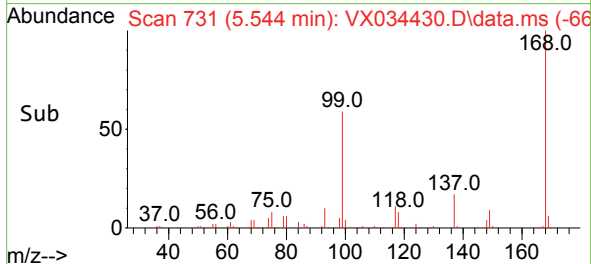


#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :

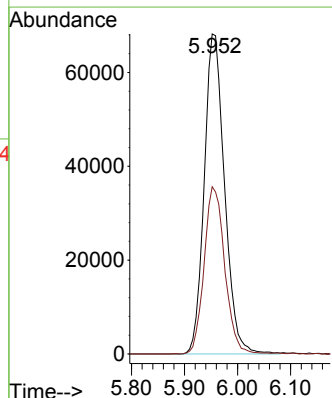
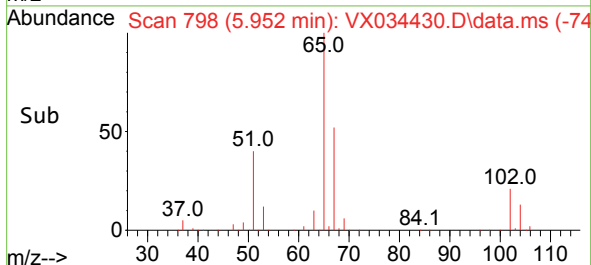
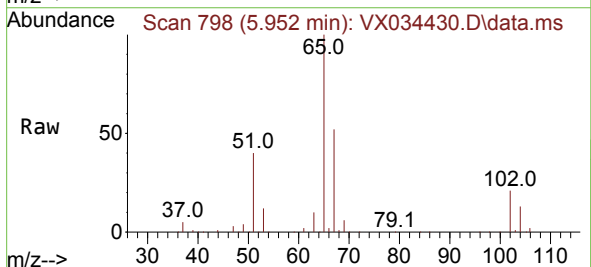


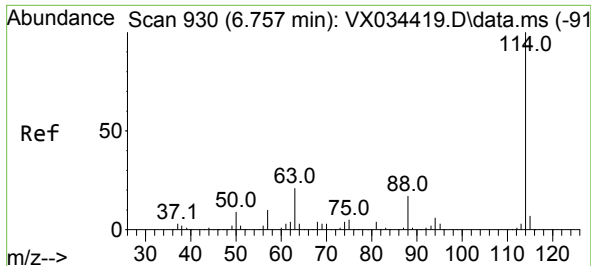
Tgt Ion: 56 Resp: 6221
Ion Ratio Lower Upper
56 100
69 161.7 23.7 35.5#
84 138.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.684 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

Tgt Ion: 65 Resp: 181752
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

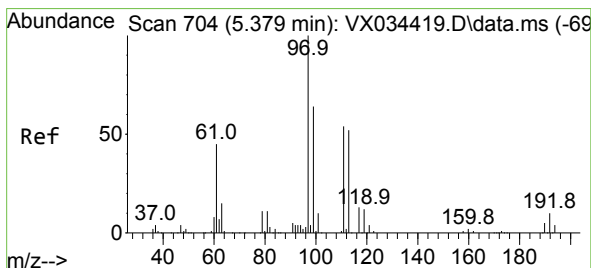
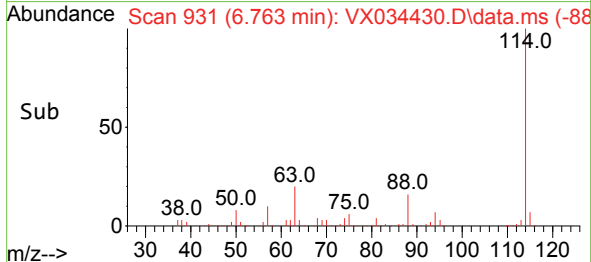
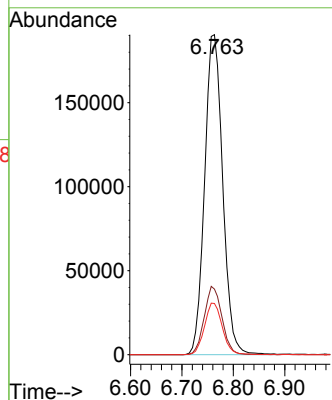
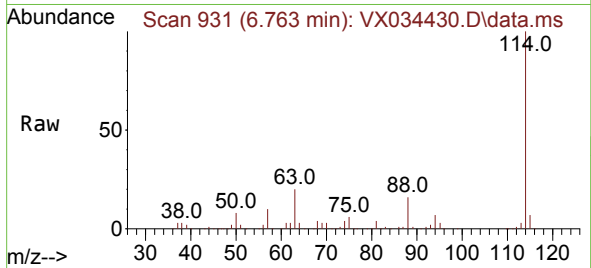




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

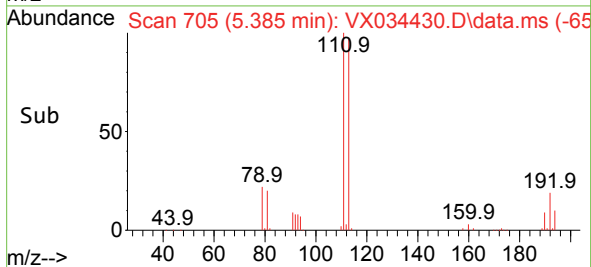
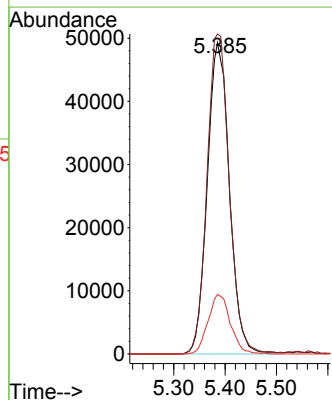
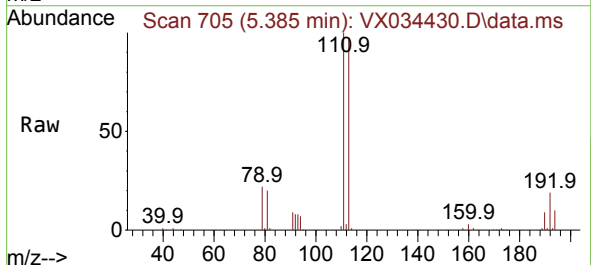
Instrument :
MSVOA_X
ClientSampleId :

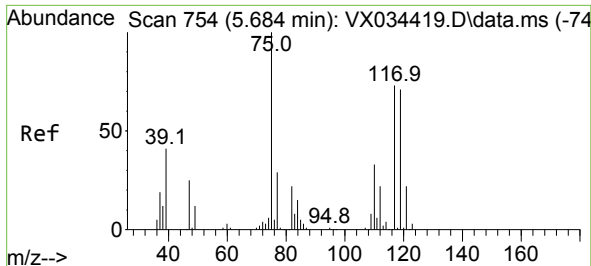
Tgt Ion:114 Resp: 465420
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

Tgt Ion:113 Resp: 147101
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.686 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

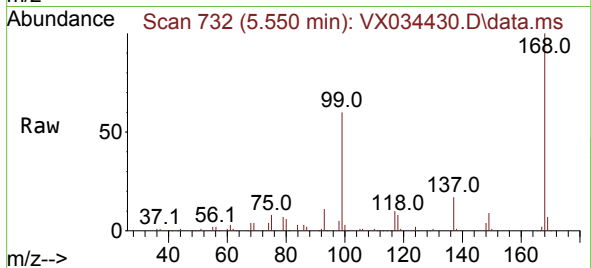
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Acq: 13 Mar 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :



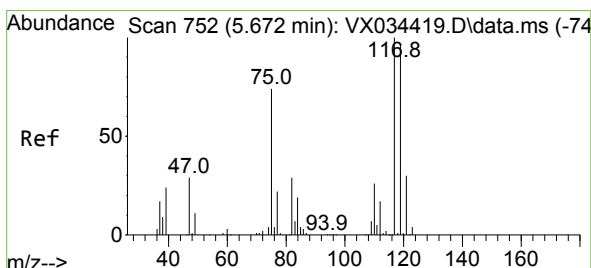
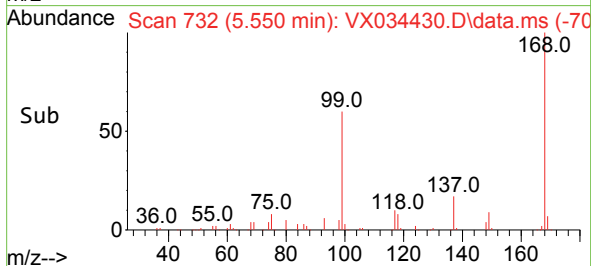
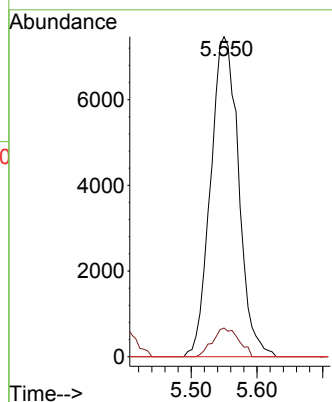
Tgt Ion: 75 Resp: 22119

Ion Ratio Lower Upper

75 100

110 8.3 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.784 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034430.D

Acq: 13 Mar 2023 14:14

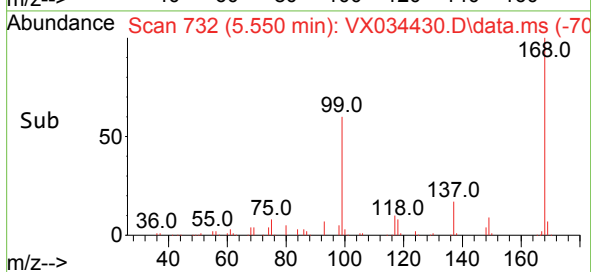
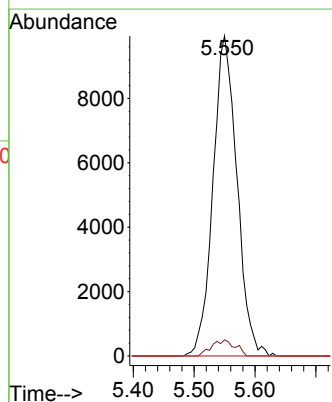
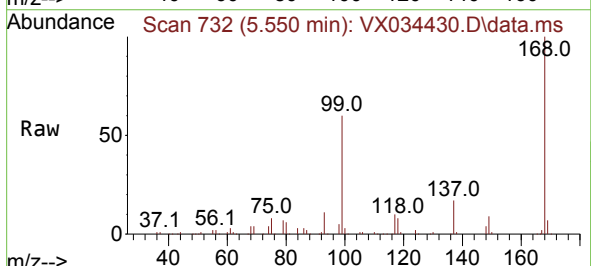
Tgt Ion: 117 Resp: 27159

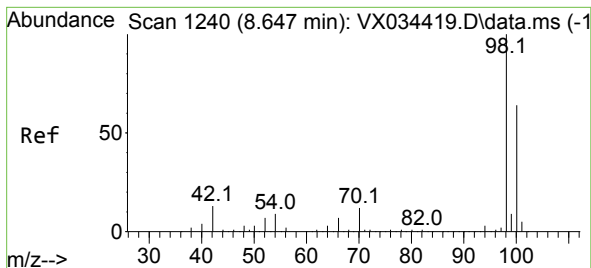
Ion Ratio Lower Upper

117 100

119 5.0 76.6 114.8#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 49.122 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034430.D

Acq: 13 Mar 2023 14:14

Instrument :

MSVOA_X

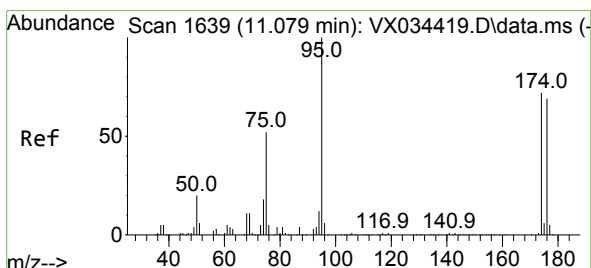
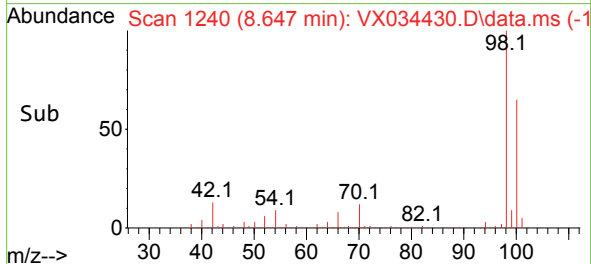
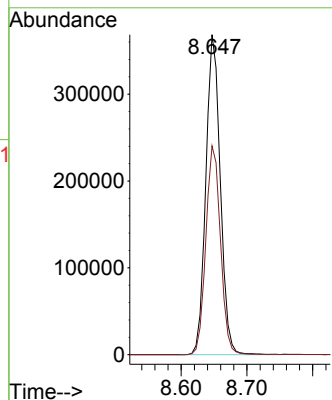
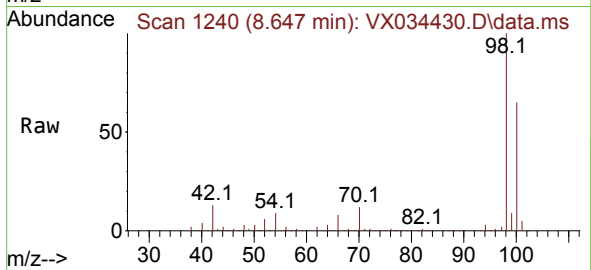
ClientSampleId :

Tgt Ion: 98 Resp: 563499

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.286 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034430.D

Acq: 13 Mar 2023 14:14

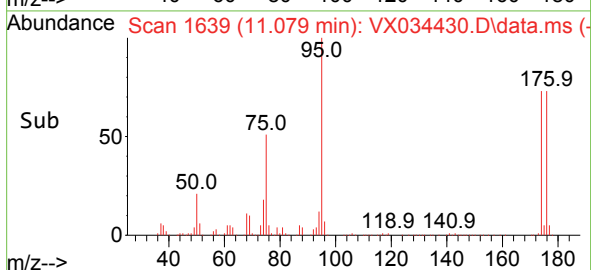
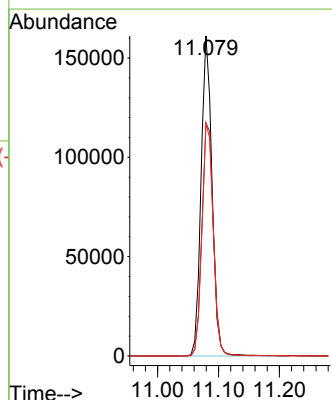
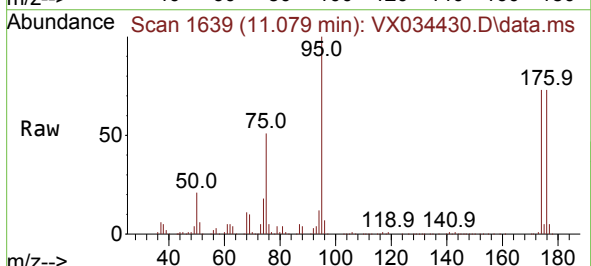
Tgt Ion: 95 Resp: 200568

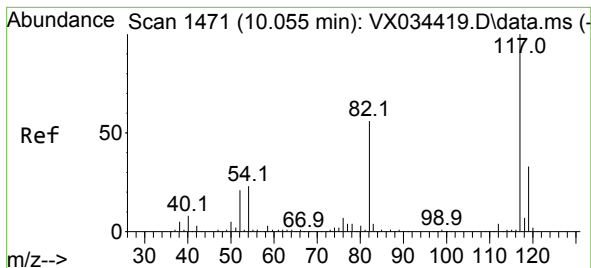
Ion Ratio Lower Upper

95 100

174 77.2 0.0 147.4

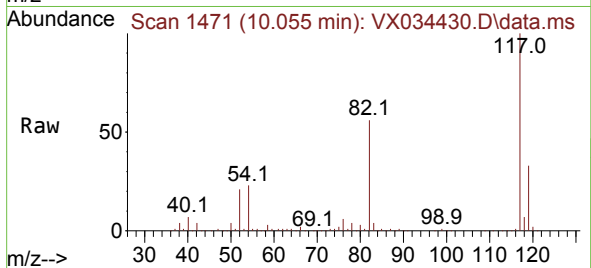
176 75.1 0.0 140.6



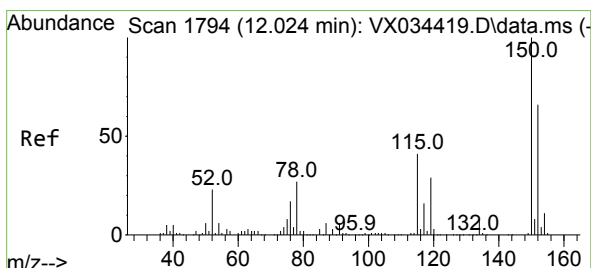
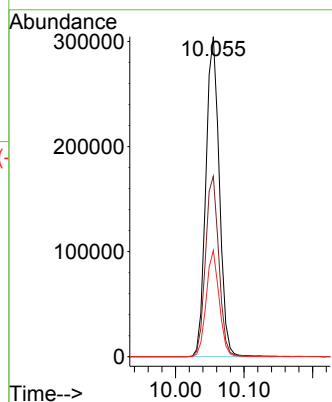
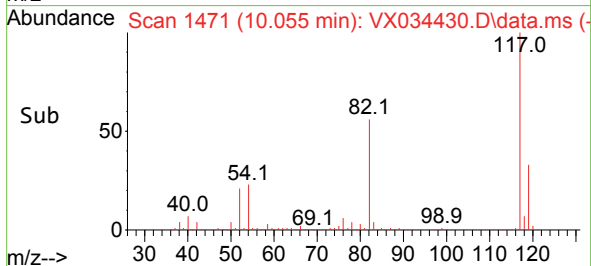


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

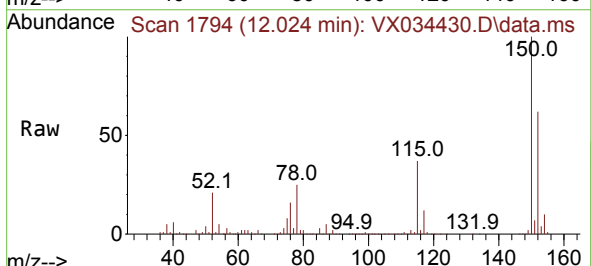
Instrument :
MSVOA_X
ClientSampleId :



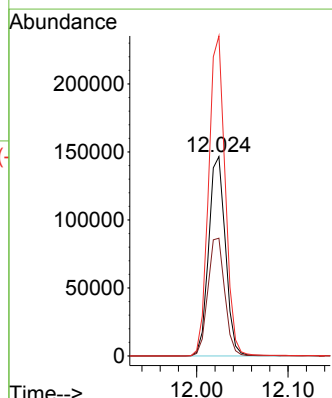
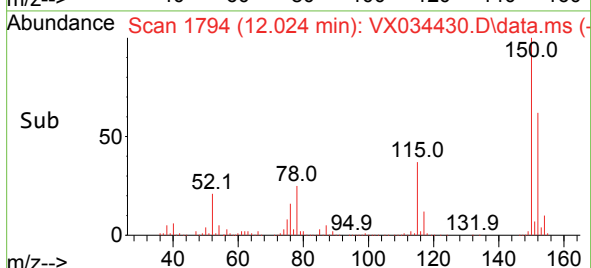
Tgt Ion:117 Resp: 416902
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 33.1 26.0 39.0

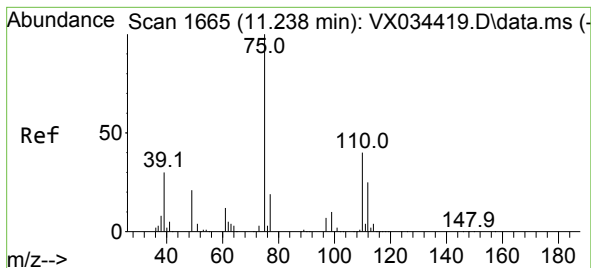


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14



Tgt Ion:152 Resp: 187396
Ion Ratio Lower Upper
152 100
115 59.6 45.0 135.0
150 158.6 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 24.003 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034430.D

Acq: 13 Mar 2023 14:14

Instrument :

MSVOA_X

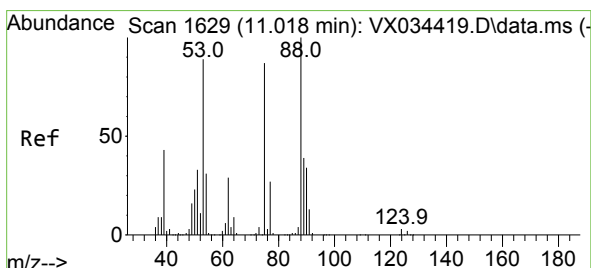
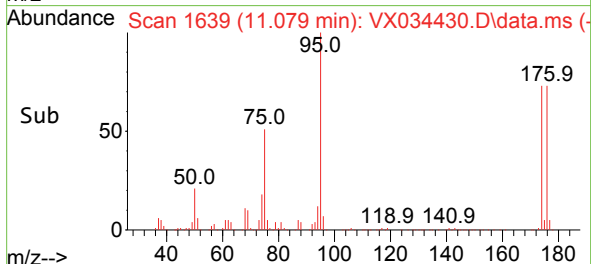
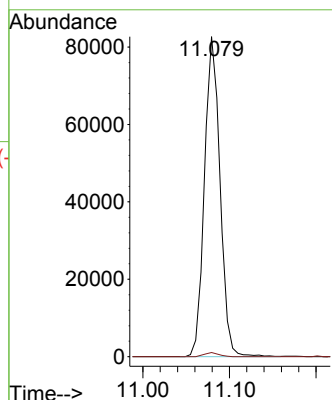
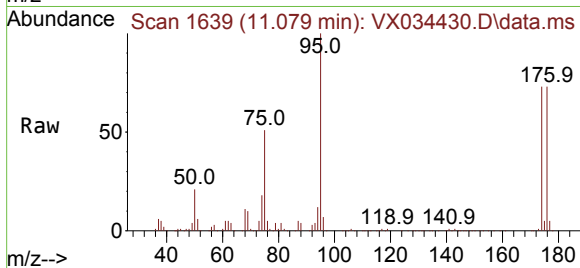
ClientSampleId :

Tgt Ion: 75 Resp: 103281

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.935 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034430.D

Acq: 13 Mar 2023 14:14

Tgt Ion: 75 Resp: 103281

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

