

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022902.D
 Acq On : 25 Jun 2021 05:31
 Operator : JC/MD
 Sample : M2838-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 08:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

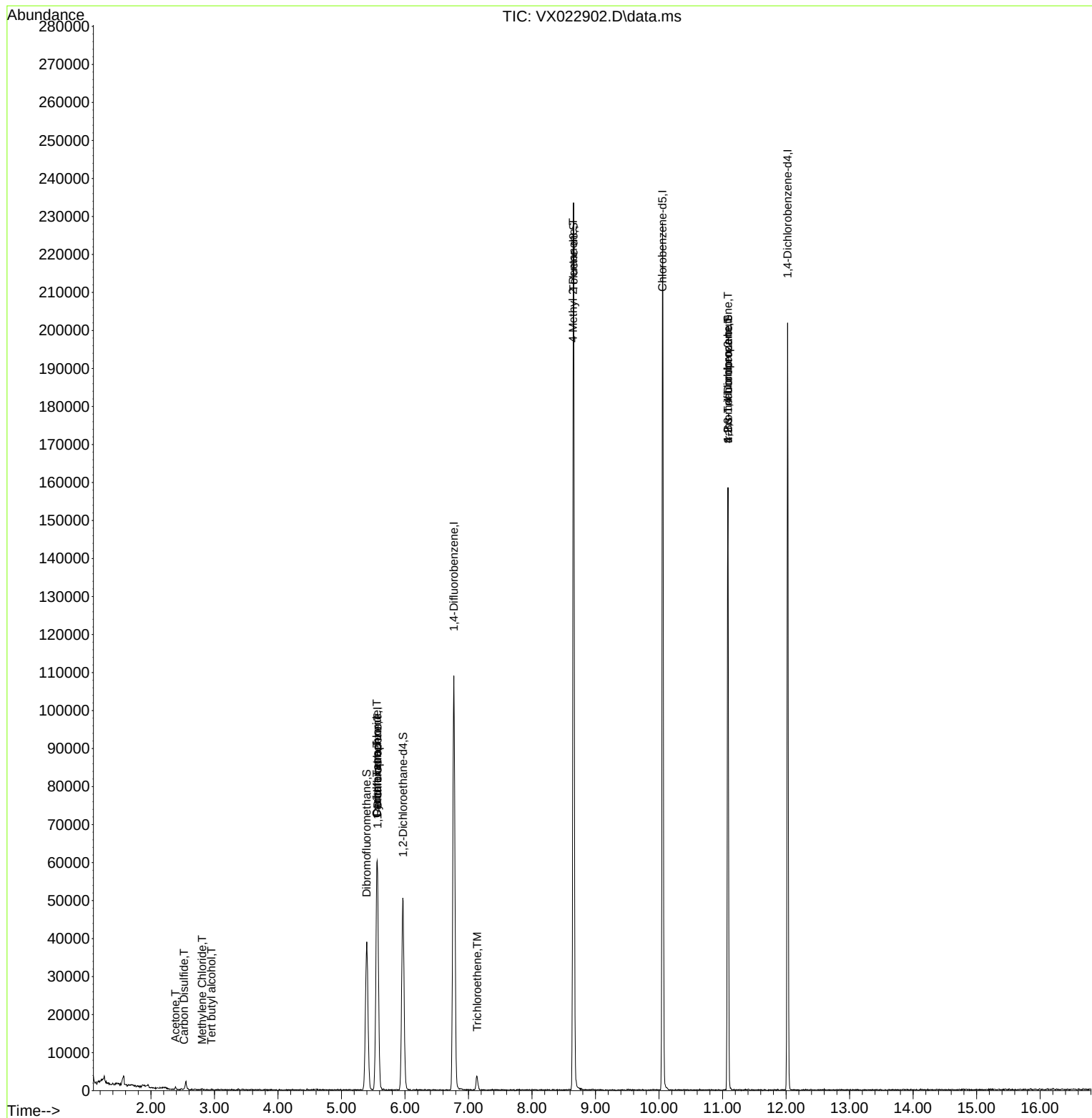
Internal Standards						
1) Pentafluorobenzene	5.562	168	49314	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	104461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	45642	51.00	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 102.00%		
35) Dibromofluoromethane	5.397	113	31844	48.00	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 96.00%		
50) Toluene-d8	8.653	98	129256	49.72	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 99.44%		
62) 4-Bromofluorobenzene	11.085	95	42876	44.19	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 88.38%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	78	0.42	ug/l	# 73
16) Acetone	2.386	43	561	1.41	ug/l	89
17) Carbon Disulfide	2.520	76	64	3.55	ug/l	# 75
20) Methylene Chloride	2.806	84	78	0.47	ug/l	# 31
31) Cyclohexane	5.556	56	1684	1.33	ug/l	# 1
36) 1,1-Dichloropropene	5.568	75	5088	4.59	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6301	6.77	ug/l	# 17
44) Trichloroethene	7.135	130	1391	1.83	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	704	0.55	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	23693	25.30	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	23693	65.94	ug/l	# 12

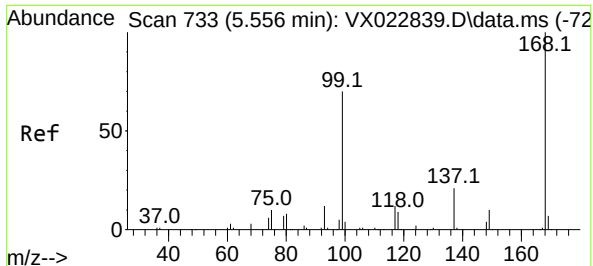
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

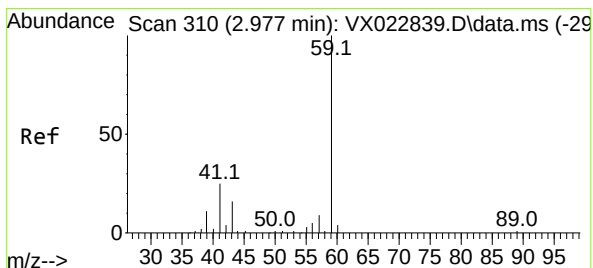
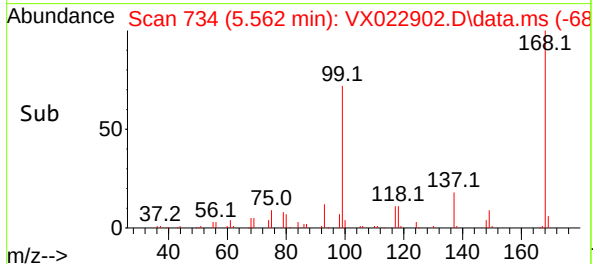
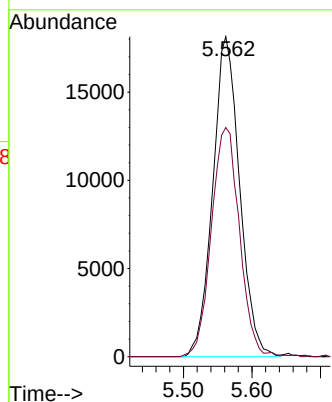
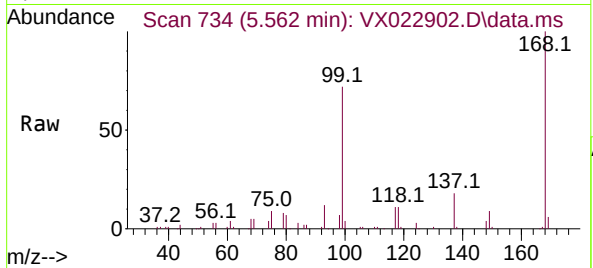




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

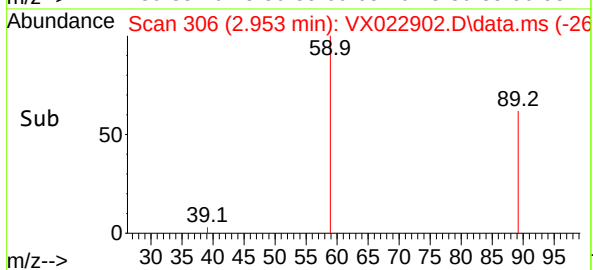
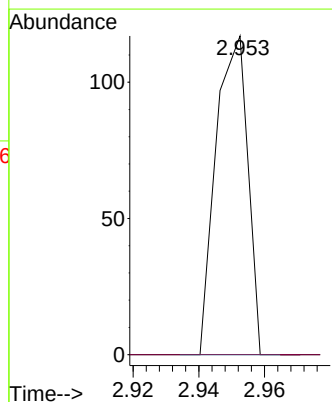
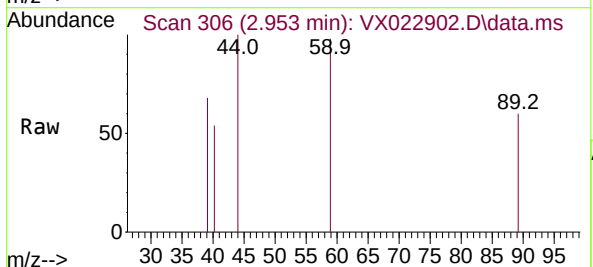
Instrument :
MSVOA_X
ClientSampled :

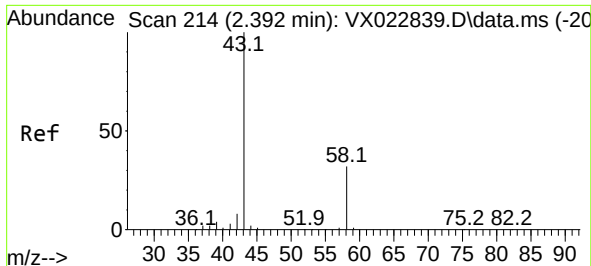
Tgt Ion:168 Resp: 49314
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

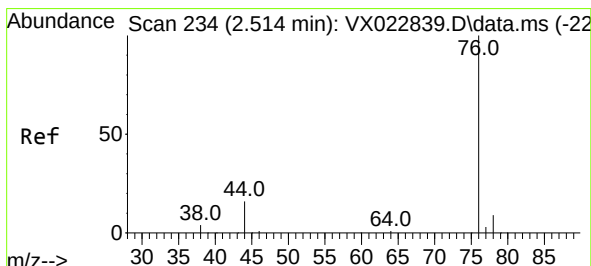
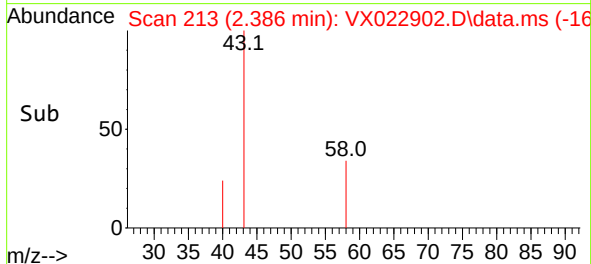
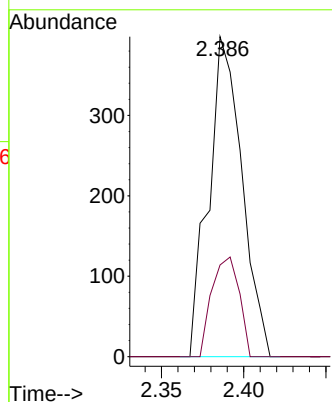
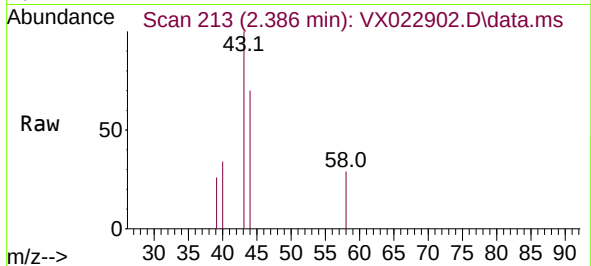




#16
Acetone
Concen: 1.41 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

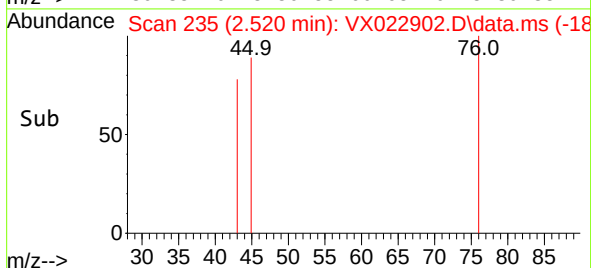
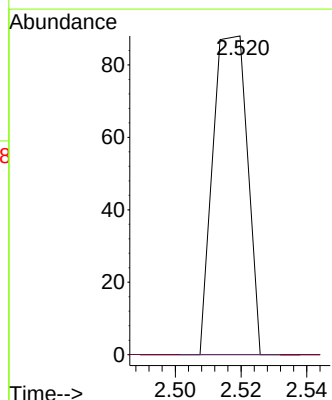
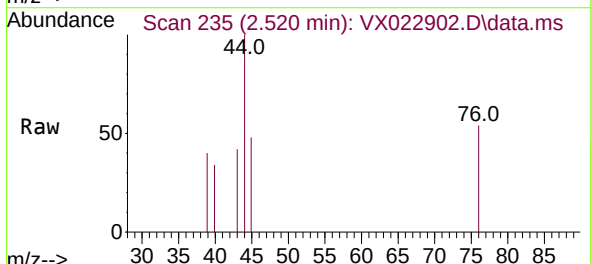
Instrument :
MSVOA_X
ClientSampled :

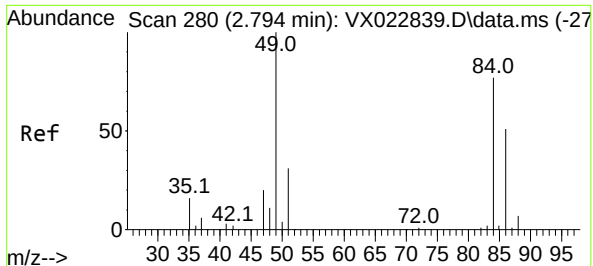
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#17
Carbon Disulfide
Concen: 3.55 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.47 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX022902.D

Acq: 25 Jun 2021 05:31

Tgt Ion: 84 Resp: 78

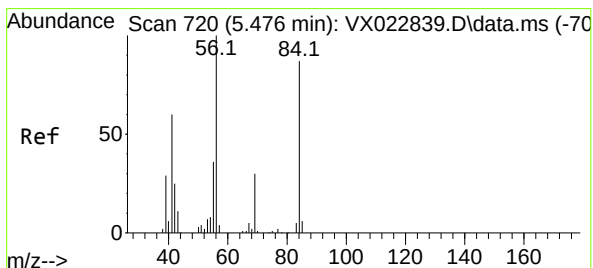
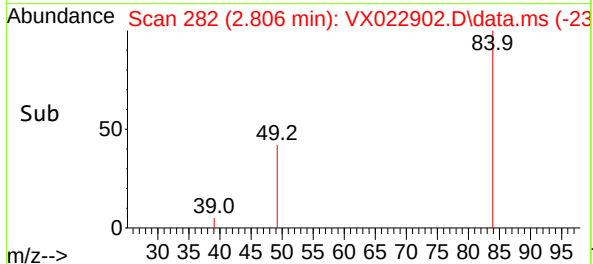
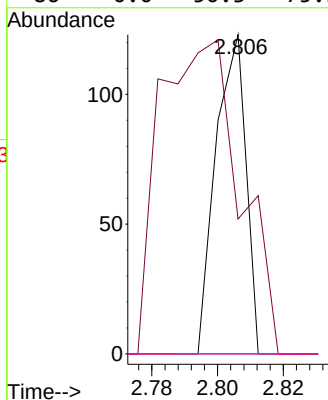
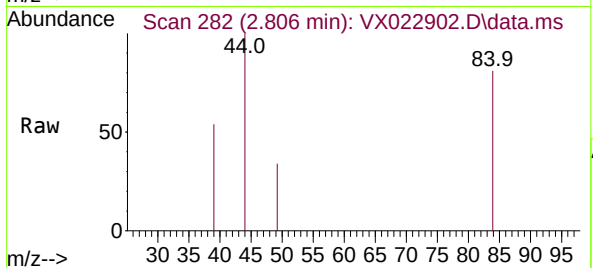
Ion Ratio Lower Upper

84 100

49 42.3 88.6 132.8#

51 0.0 27.0 40.6#

86 0.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.33 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022902.D

Acq: 25 Jun 2021 05:31

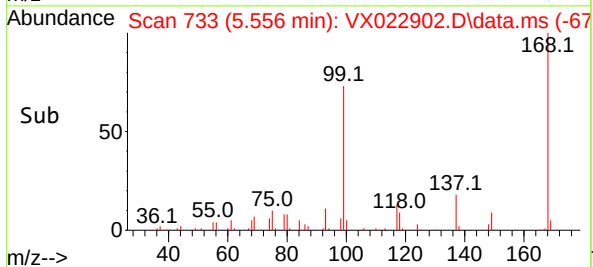
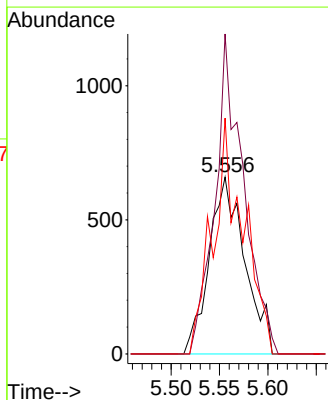
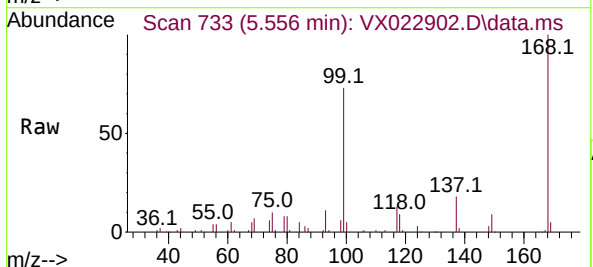
Tgt Ion: 56 Resp: 1684

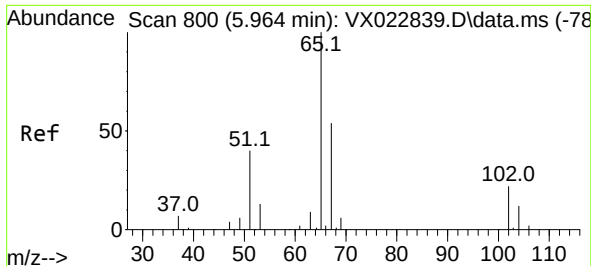
Ion Ratio Lower Upper

56 100

69 181.0 25.3 37.9#

84 133.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.00 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022902.D

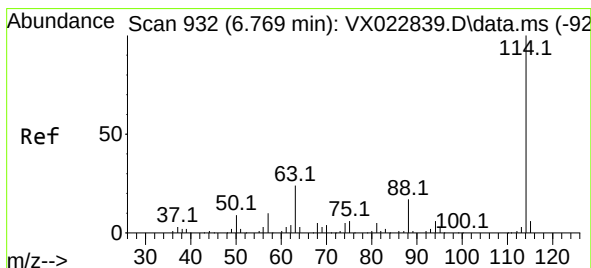
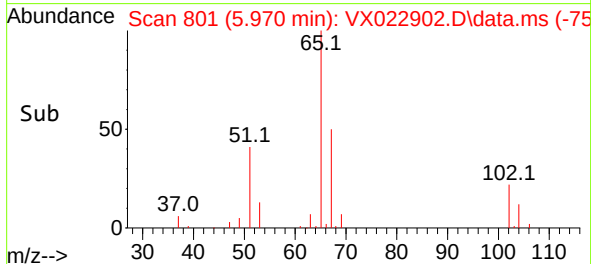
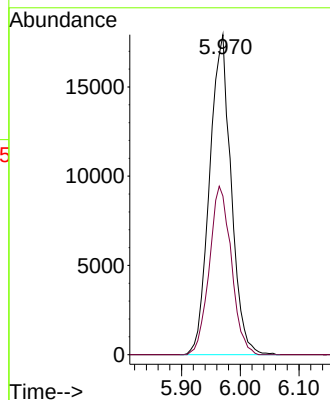
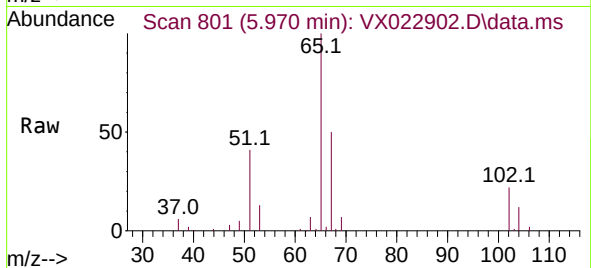
Acq: 25 Jun 2021 05:31

Tgt Ion: 65 Resp: 45642

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022902.D

Acq: 25 Jun 2021 05:31

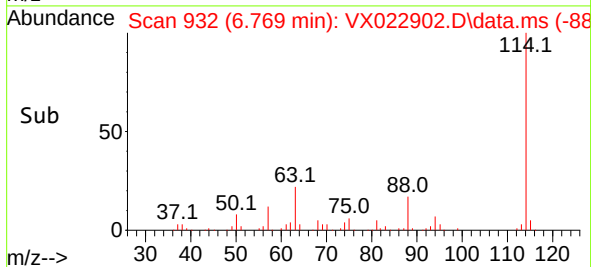
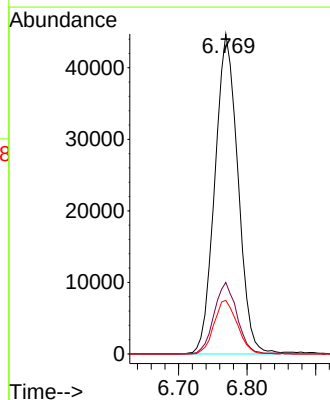
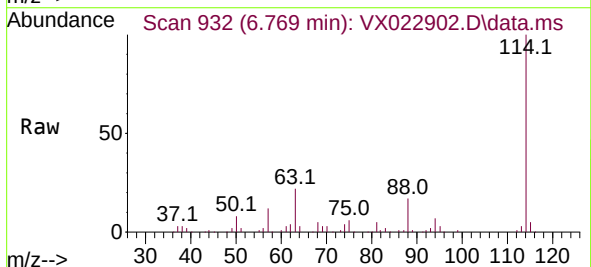
Tgt Ion: 114 Resp: 104461

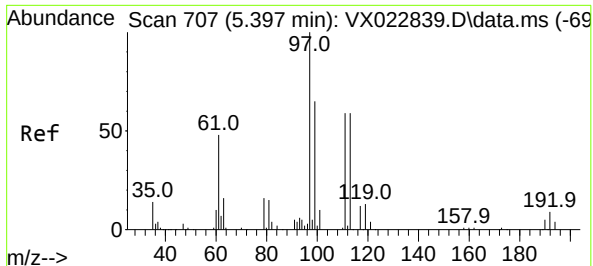
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 16.8 0.0 32.8

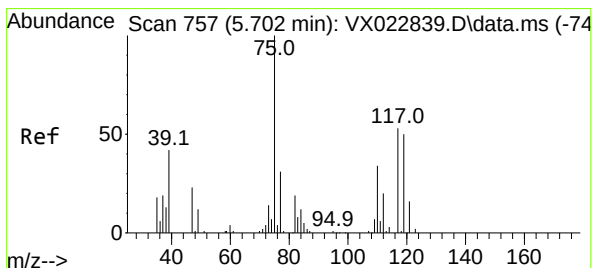
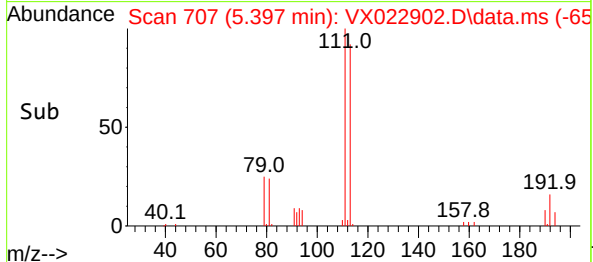
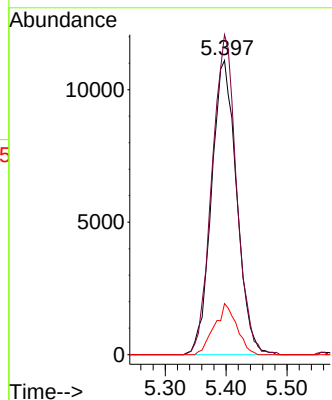
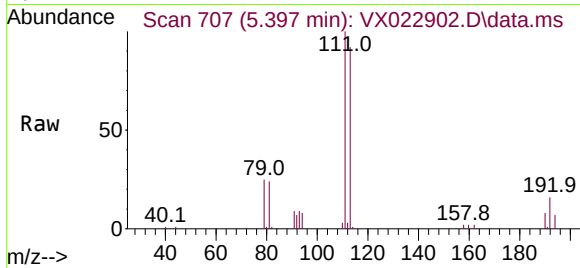




#35
Dibromofluoromethane
Concen: 48.00 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

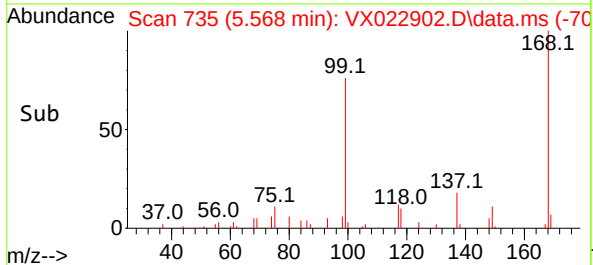
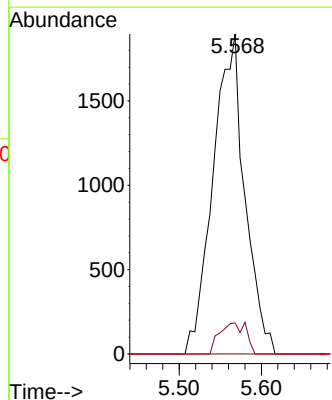
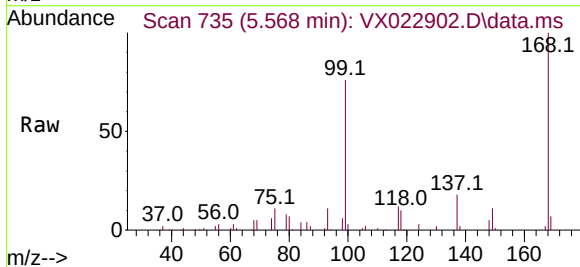
Instrument :
MSVOA_X
ClientSampled :

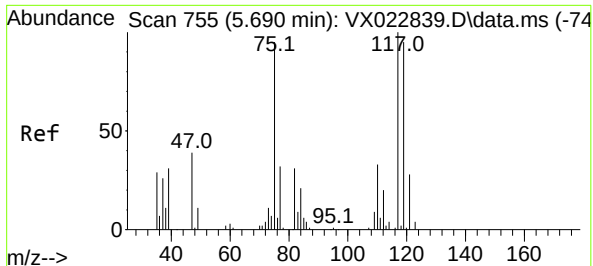
Tgt Ion:113 Resp: 31844
Ion Ratio Lower Upper
113 100
111 106.3 81.9 122.9
192 15.4 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

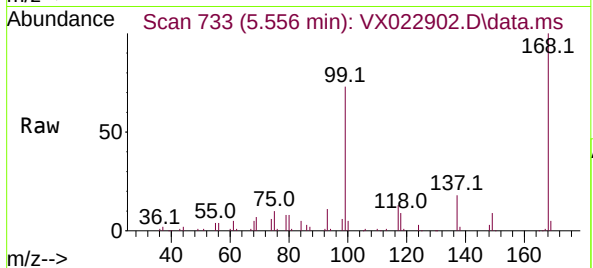
Tgt Ion: 75 Resp: 5088
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



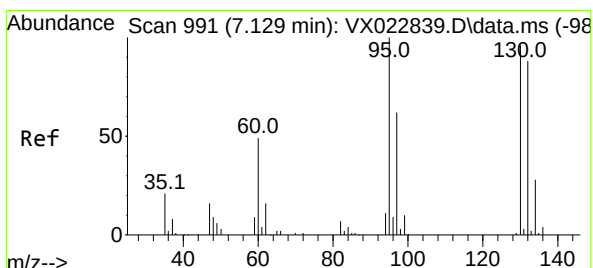
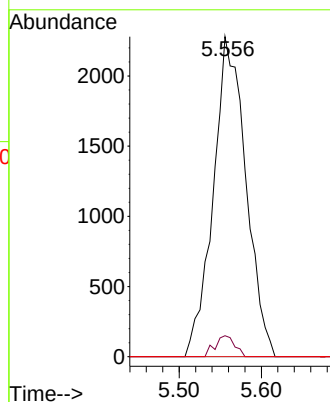
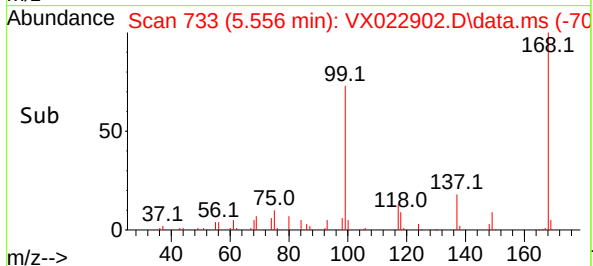


#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

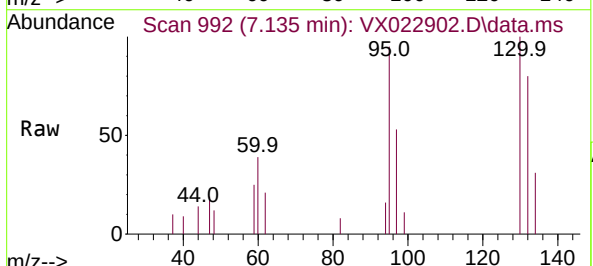
Instrument :
MSVOA_X
ClientSampled :



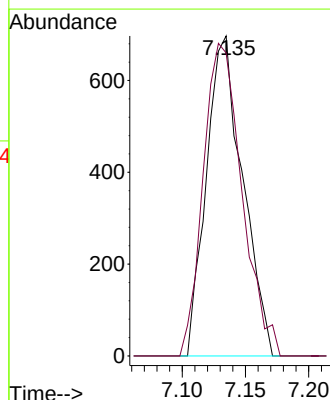
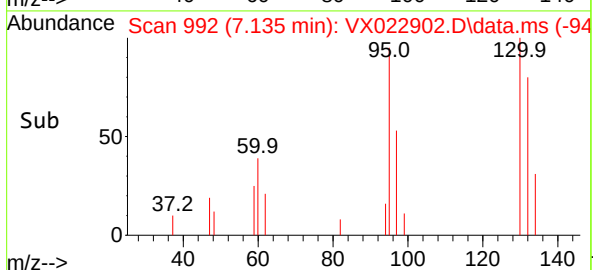
Tgt Ion:117 Resp: 6301
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#

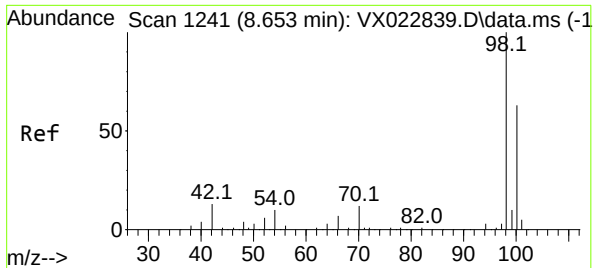


#44
Trichloroethene
Concen: 1.83 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31



Tgt Ion:130 Resp: 1391
Ion Ratio Lower Upper
130 100
95 94.7 0.0 198.0

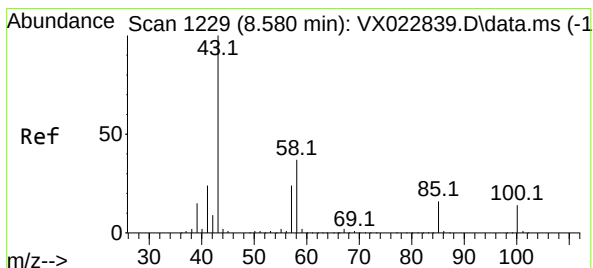
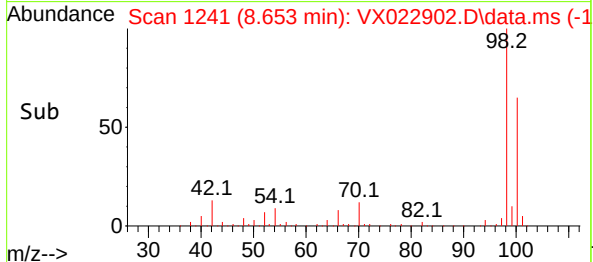
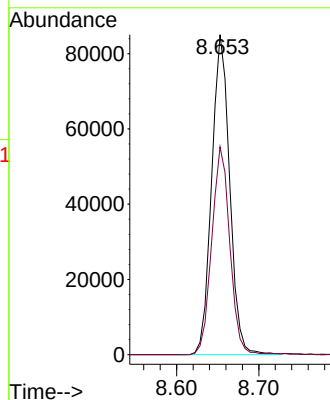
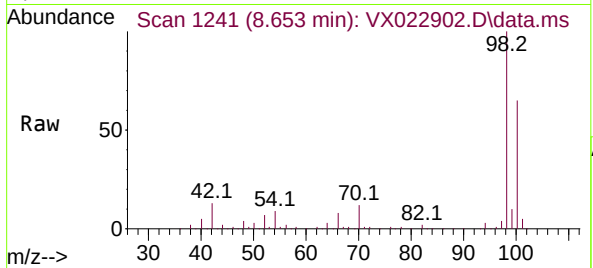




#50
Toluene-d8
Concen: 49.72 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

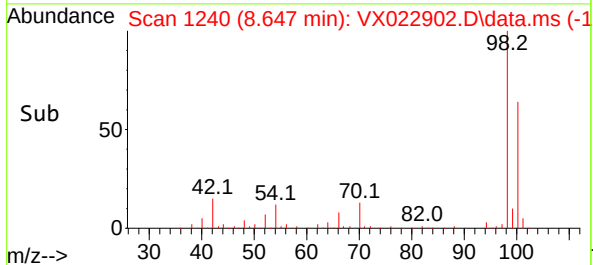
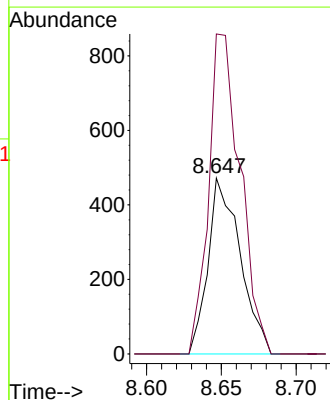
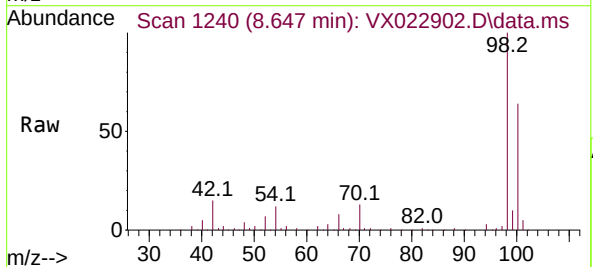
Instrument :
MSVOA_X
ClientSampled :

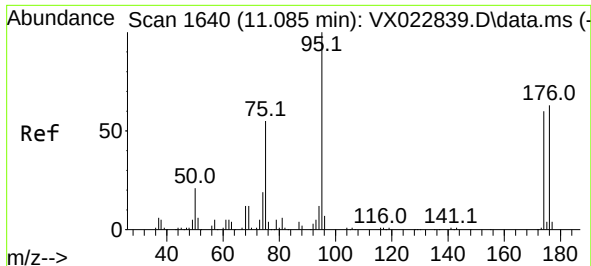
Tgt Ion: 98 Resp: 129256
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

Tgt Ion: 43 Resp: 704
Ion Ratio Lower Upper
43 100
58 179.5 35.4 53.0#

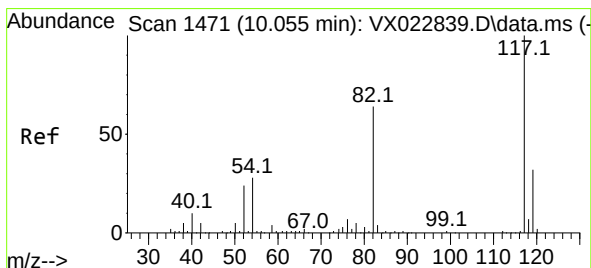
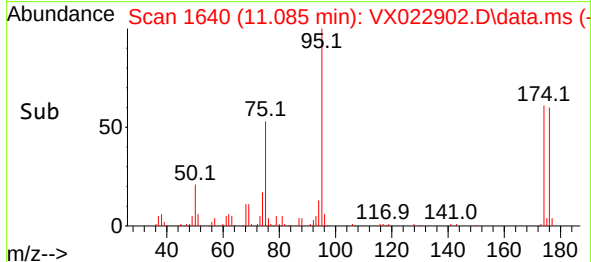
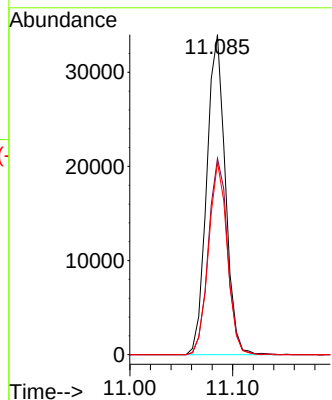
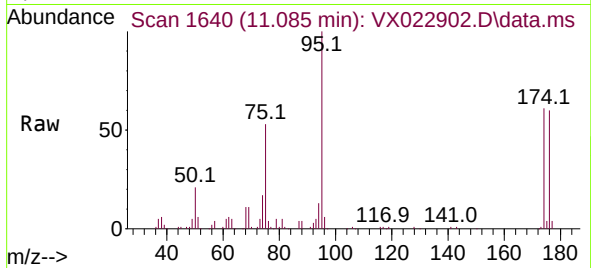




#62
4-Bromofluorobenzene
Concen: 44.19 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

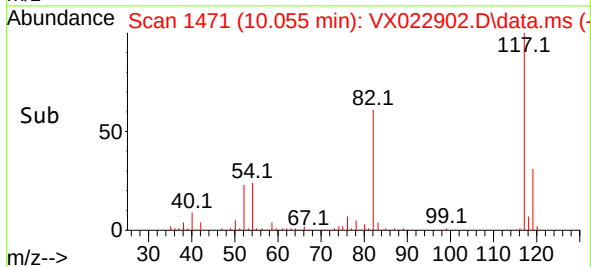
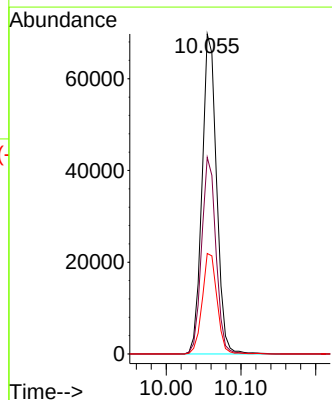
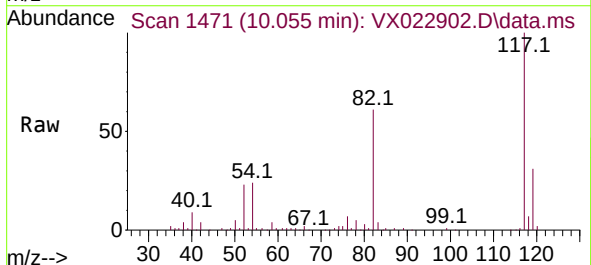
Instrument :
MSVOA_X
ClientSampleId :

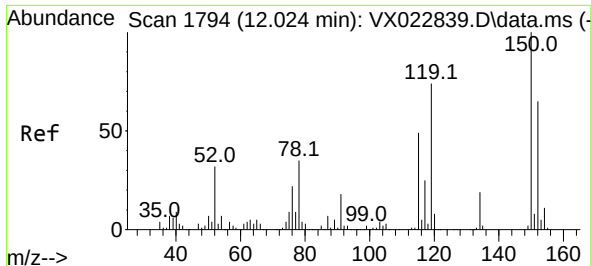
Tgt Ion: 95 Resp: 42876
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 60.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022902.D
Acq: 25 Jun 2021 05:31

Tgt Ion: 117 Resp: 94008
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.4 26.6 39.8

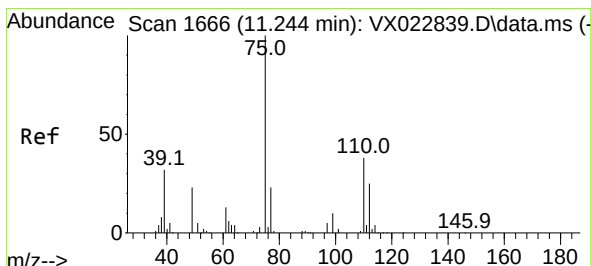
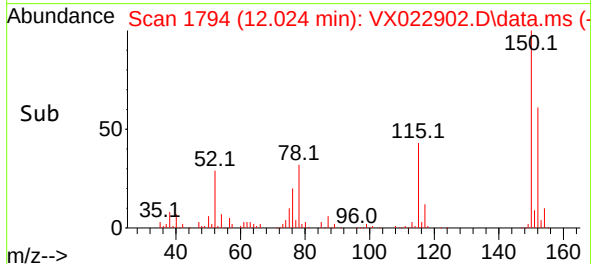
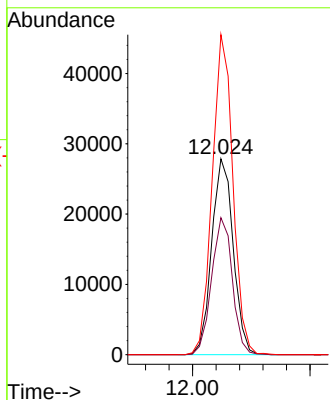
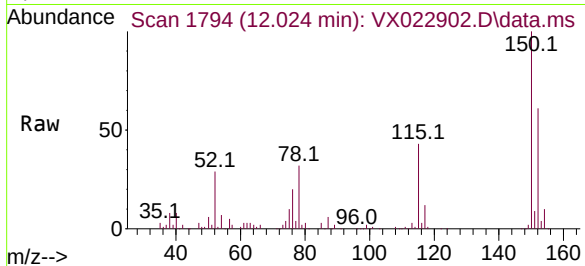




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022902.D
 Acq: 25 Jun 2021 05:31

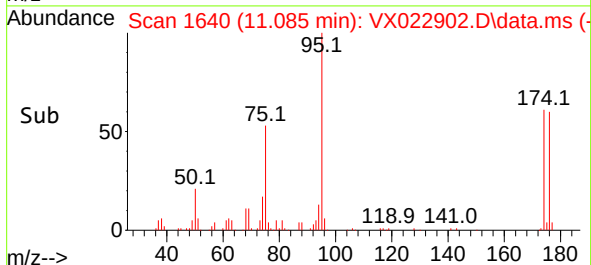
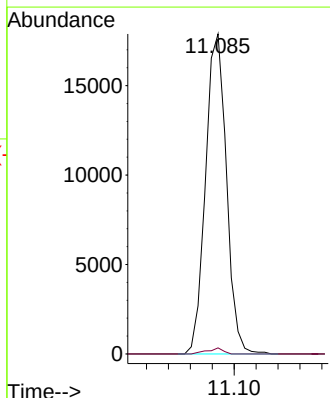
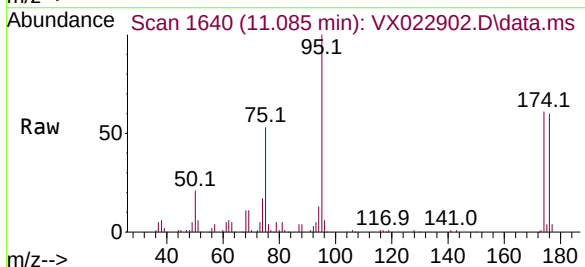
Instrument :
 MSVOA_X
 ClientSampled :

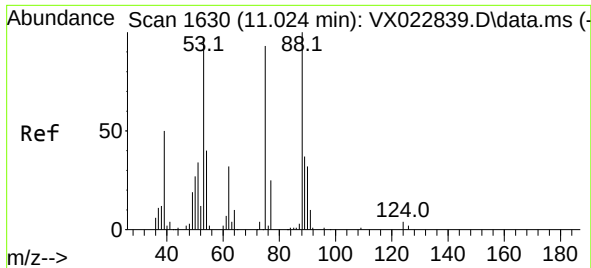
Tgt Ion:152 Resp: 35459
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.30 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022902.D
 Acq: 25 Jun 2021 05:31

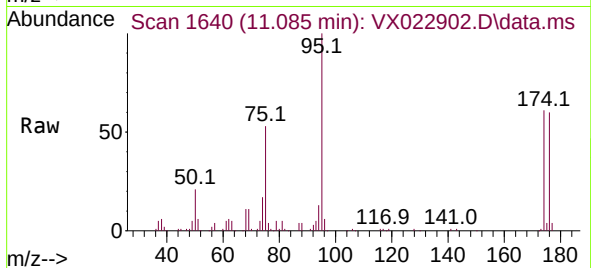
Tgt Ion: 75 Resp: 23693
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.94 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022902.D
 Acq: 25 Jun 2021 05:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 23693
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

