

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022904.D
 Acq On : 25 Jun 2021 06:18
 Operator : JC/MD
 Sample : M2838-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 08:09:55 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)

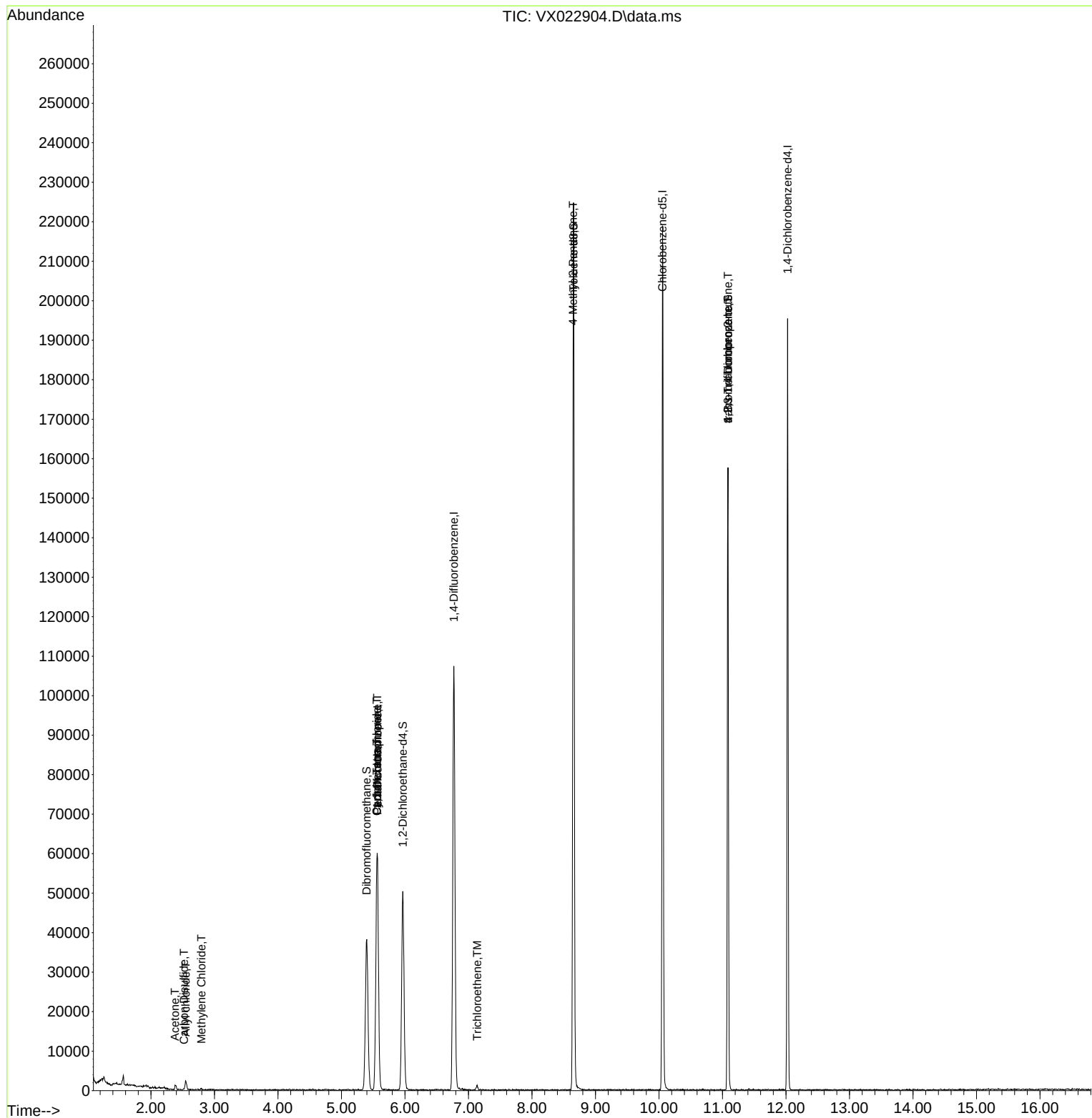
Internal Standards						
1) Pentafluorobenzene	5.568	168	50818	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	103881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45433	49.26	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.52%
35) Dibromofluoromethane	5.397	113	32302	48.97	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.94%
50) Toluene-d8	8.653	98	126768	49.03	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.06%
62) 4-Bromofluorobenzene	11.085	95	41314	42.82	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.64%
Target Compounds						
						Qvalue
14) Allyl chloride	2.544	41	281	0.22	ug/l	# 1
16) Acetone	2.380	43	1090	2.67	ug/l	# 78
17) Carbon Disulfide	2.520	76	22	3.53	ug/l	# 75
20) Methylene Chloride	2.794	84	93	0.49	ug/l	# 81
31) Cyclohexane	5.556	56	1654	1.27	ug/l	# 46
36) 1,1-Dichloropropene	5.562	75	5067	4.59	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	5891	6.37	ug/l	# 12
44) Trichloroethene	7.135	130	413	0.55	ug/l	# 86
51) 4-Methyl-2-Pentanone	8.647	43	747	0.58	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	23796	27.03	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	23796	70.01	ug/l	# 12

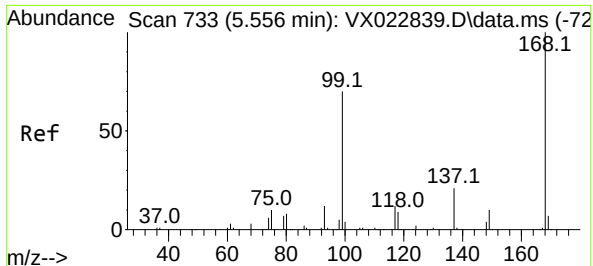
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

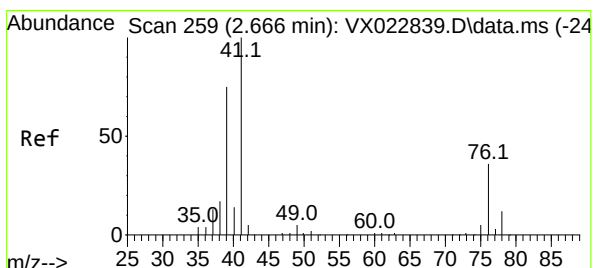
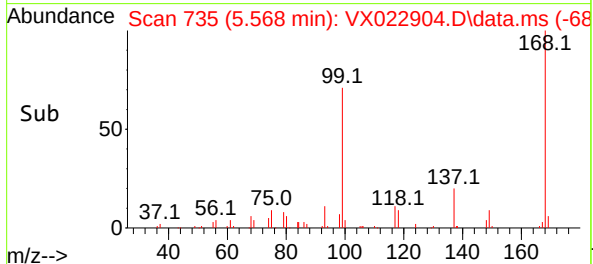
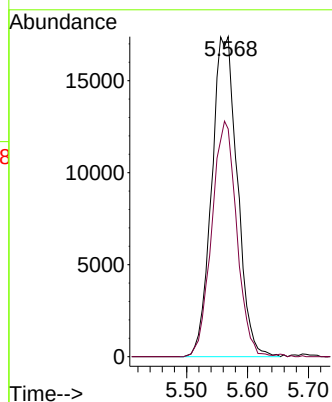
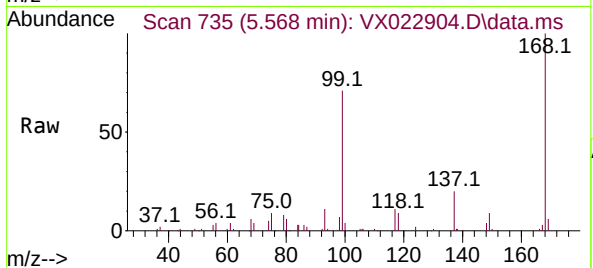




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

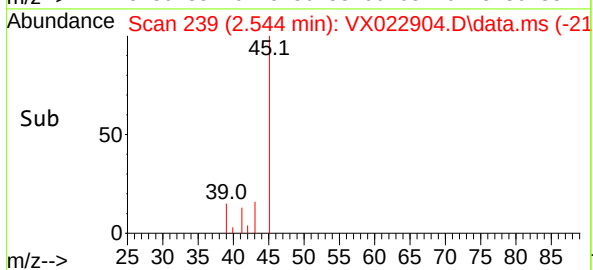
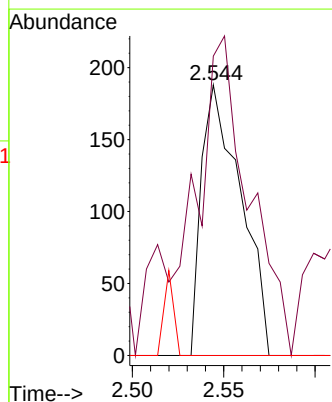
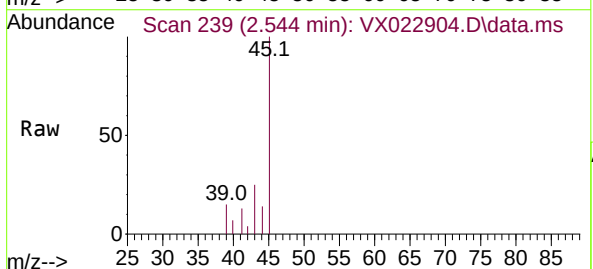
Instrument :
MSVOA_X
ClientSampled :

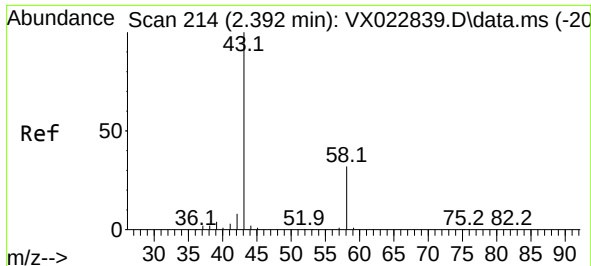
Tgt Ion:168 Resp: 50818
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

Tgt Ion: 41 Resp: 281
Ion Ratio Lower Upper
41 100
39 187.2 51.6 77.4#
76 0.0 30.5 45.7#

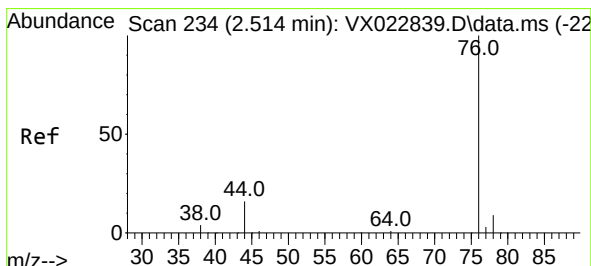
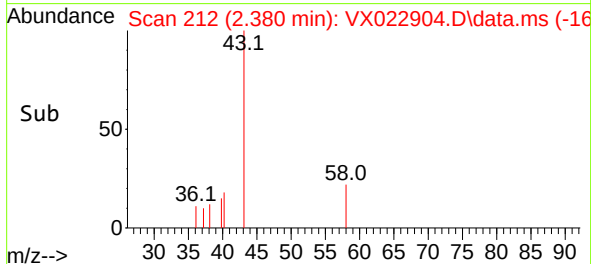
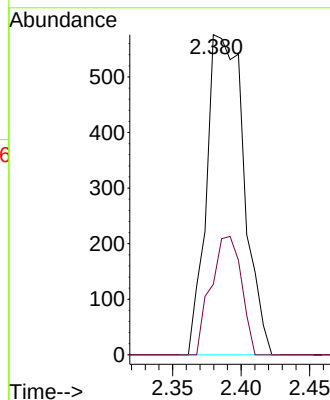
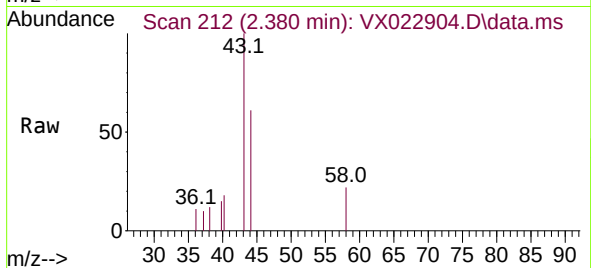




#16
Acetone
Concen: 2.67 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

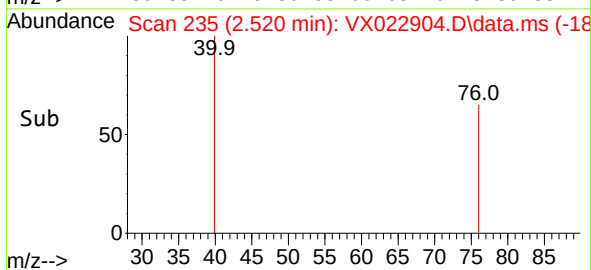
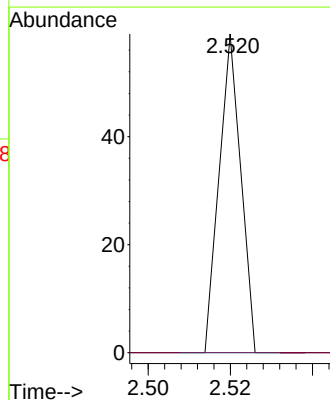
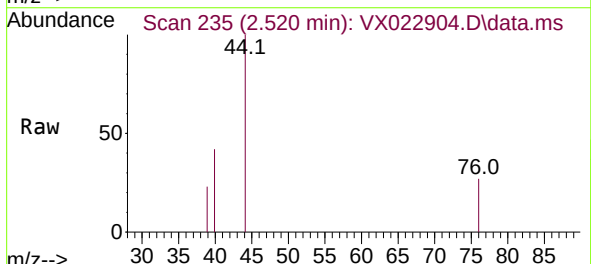
Instrument :
MSVOA_X
ClientSampled :

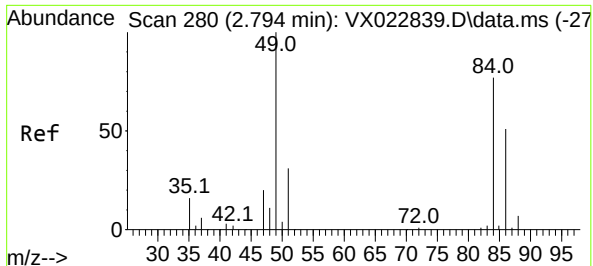
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 22.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.49 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022904.D

Acq: 25 Jun 2021 06:18

Tgt Ion: 84 Resp: 93

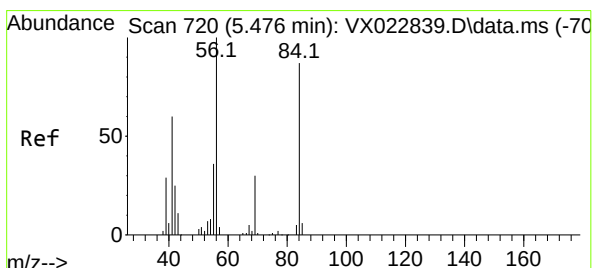
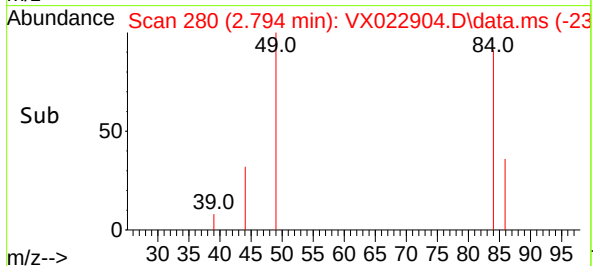
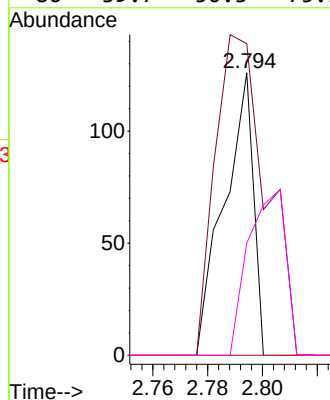
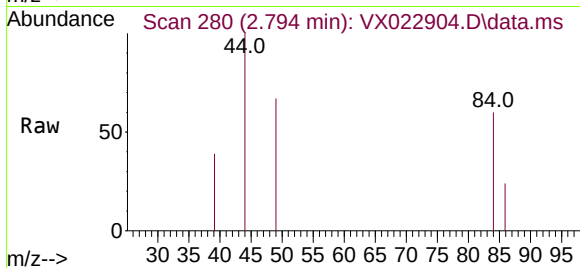
Ion Ratio Lower Upper

84 100

49 110.3 88.6 132.8

51 0.0 27.0 40.6#

86 39.7 50.3 75.5#



#31

Cyclohexane

Concen: 1.27 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022904.D

Acq: 25 Jun 2021 06:18

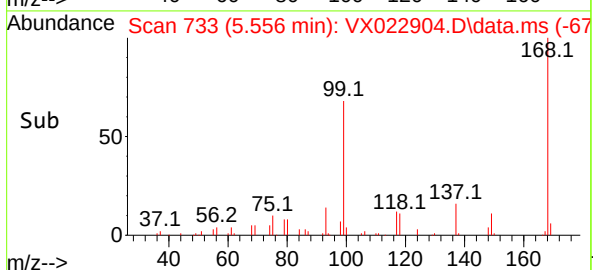
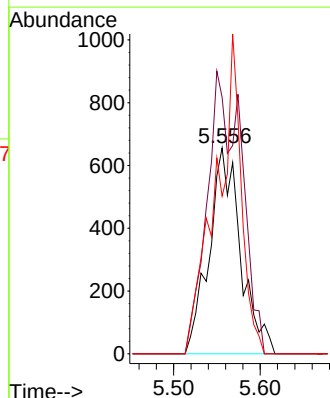
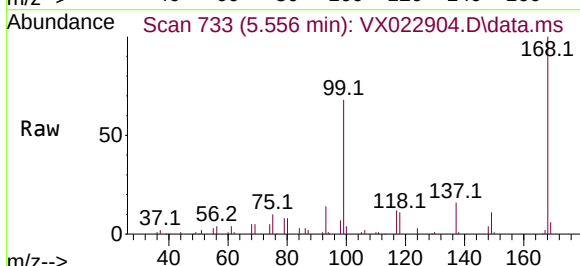
Tgt Ion: 56 Resp: 1654

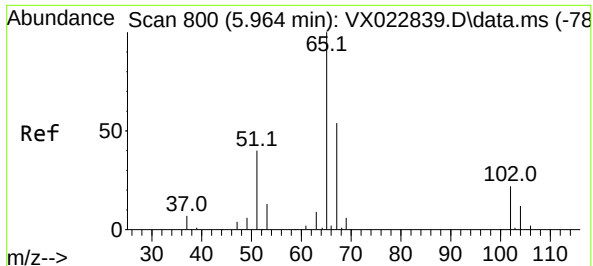
Ion Ratio Lower Upper

56 100

69 124.5 25.3 37.9#

84 76.5 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 49.26 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022904.D

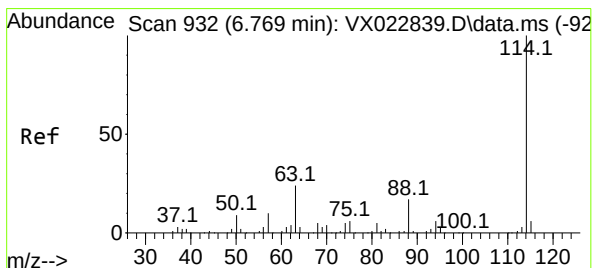
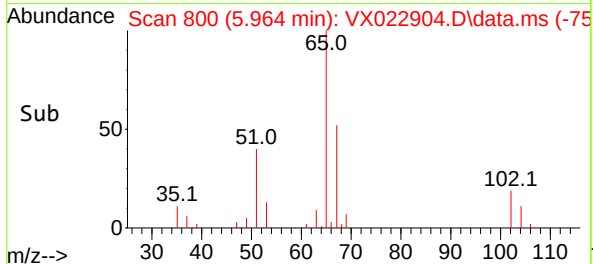
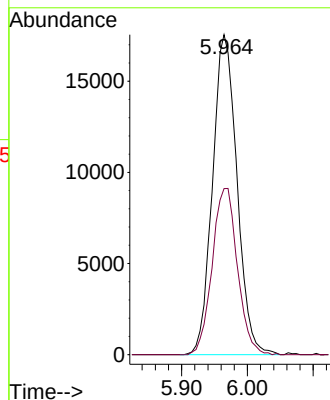
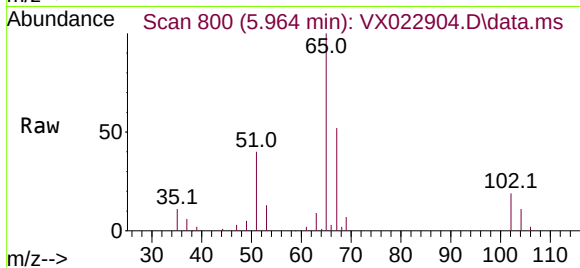
Acq: 25 Jun 2021 06:18

Tgt Ion: 65 Resp: 45433

Ion Ratio Lower Upper

65 100

67 53.6 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: VX022904.D

Acq: 25 Jun 2021 06:18

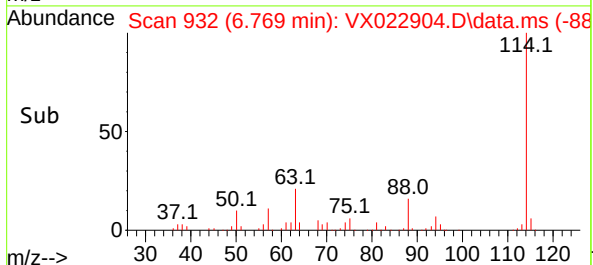
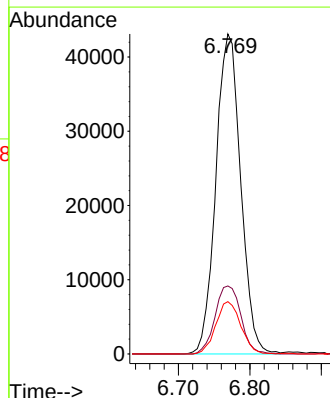
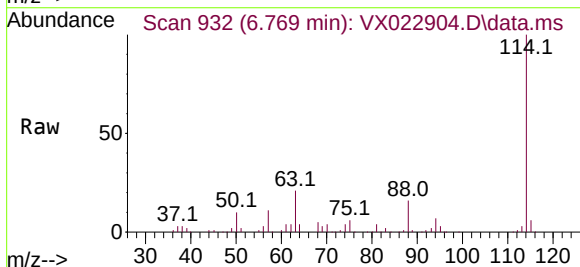
Tgt Ion: 114 Resp: 103881

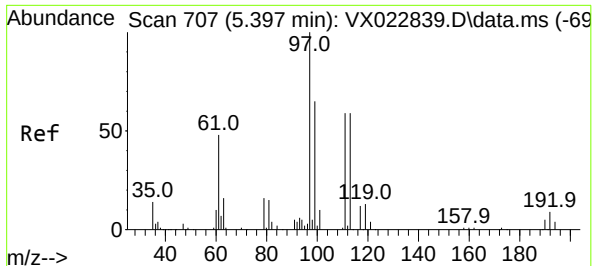
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 16.4 0.0 32.8

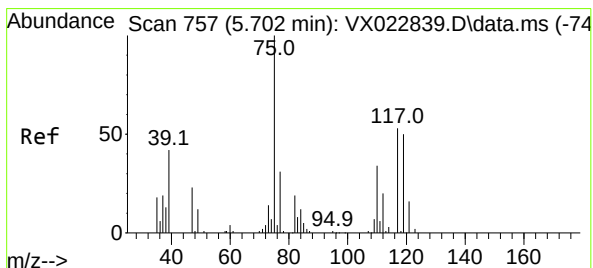
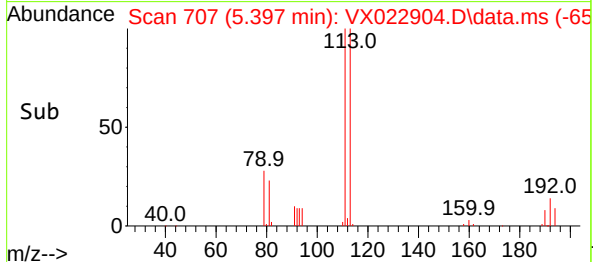
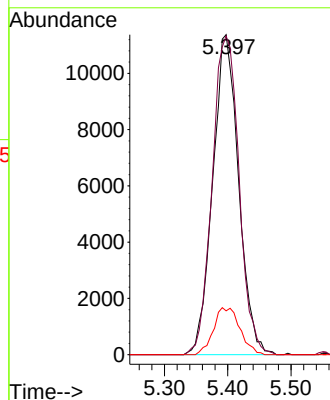
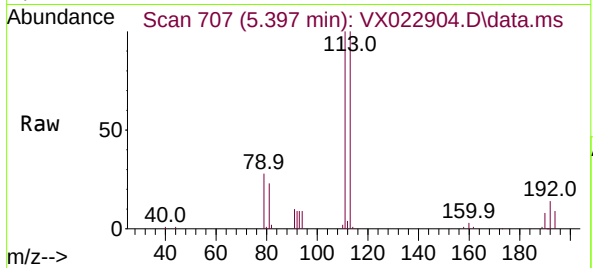




#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

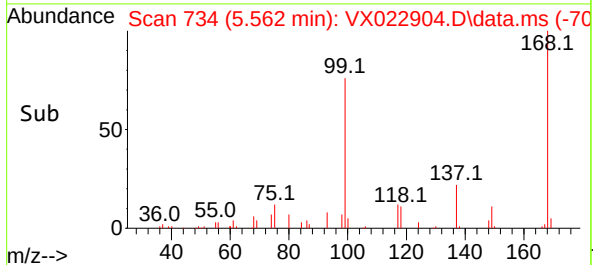
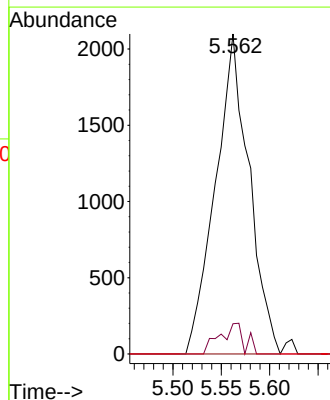
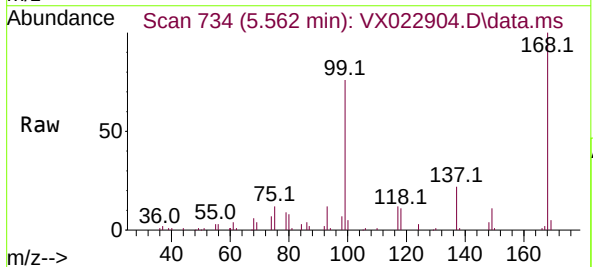
Instrument :
MSVOA_X
ClientSampled :

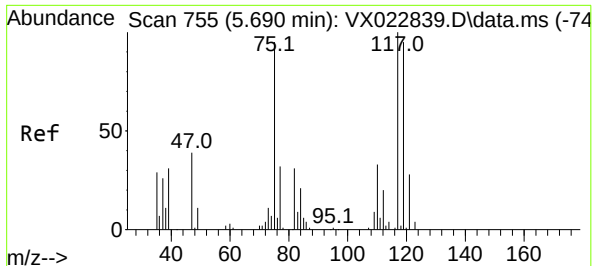
Tgt Ion:113 Resp: 32302
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

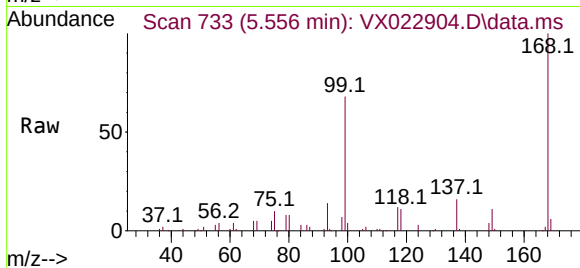
Tgt Ion: 75 Resp: 5067
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#



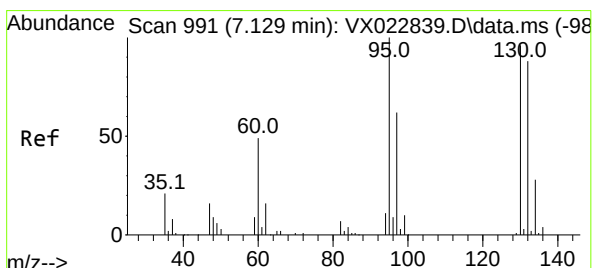
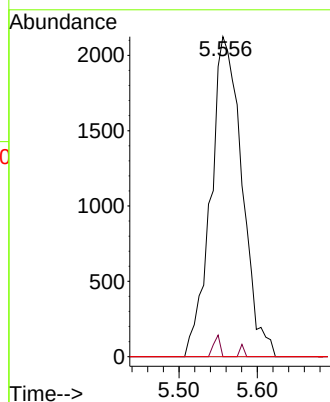
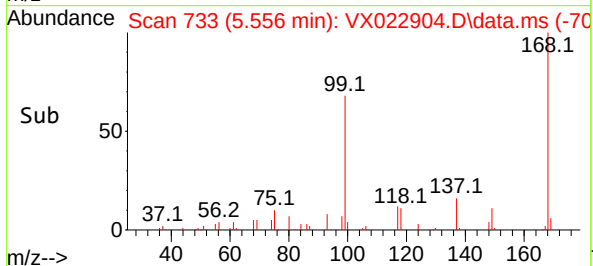


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

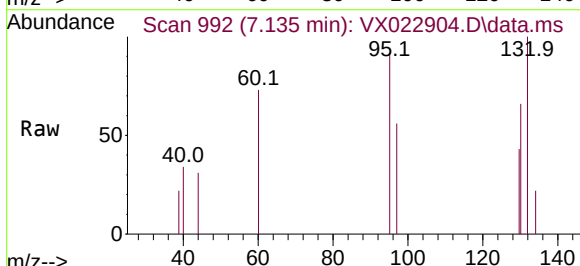
Instrument :
MSVOA_X
ClientSampled :



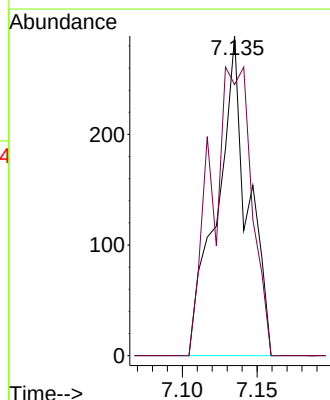
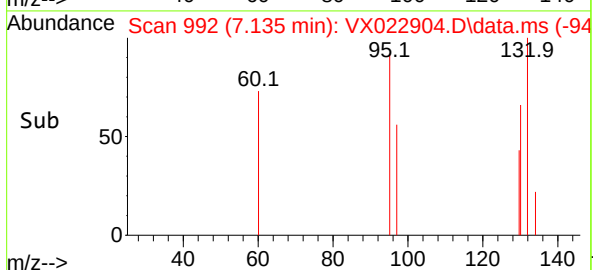
Tgt Ion:117 Resp: 5891
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

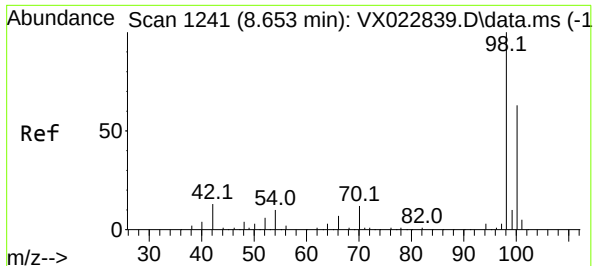


#44
Trichloroethene
Concen: 0.55 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18



Tgt Ion:130 Resp: 413
Ion Ratio Lower Upper
130 100
95 84.8 0.0 198.0





#50

Toluene-d8

Concen: 49.03 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022904.D

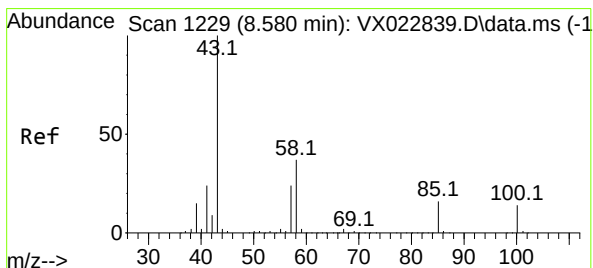
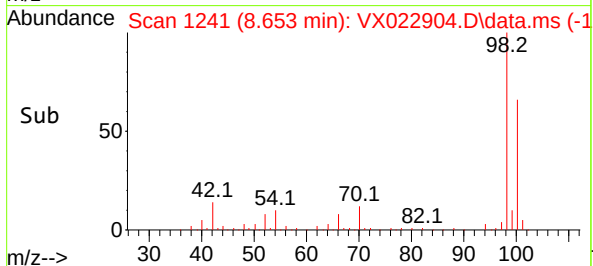
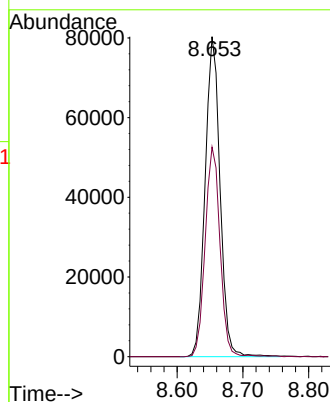
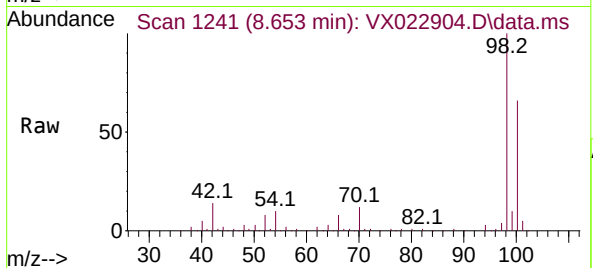
Acq: 25 Jun 2021 06:18

Tgt Ion: 98 Resp: 126768

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.58 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX022904.D

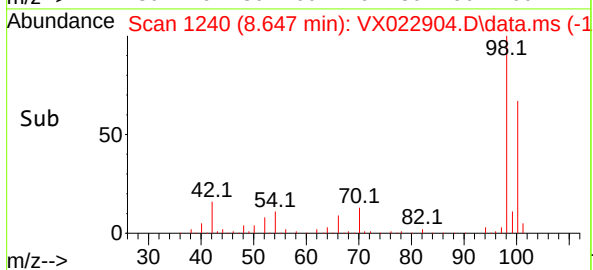
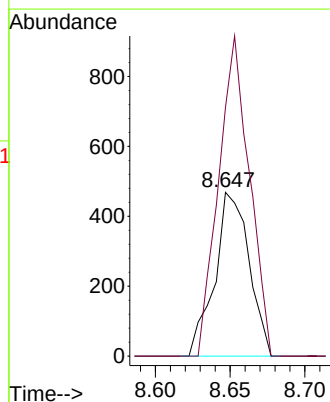
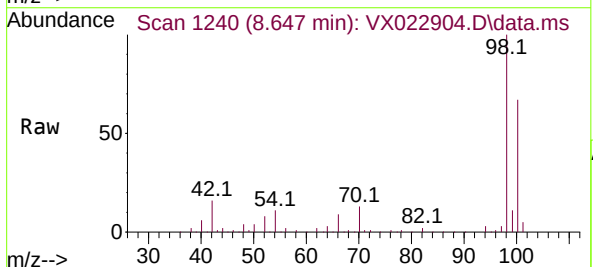
Acq: 25 Jun 2021 06:18

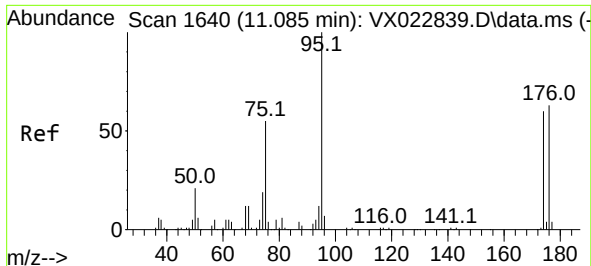
Tgt Ion: 43 Resp: 747

Ion Ratio Lower Upper

43 100

58 175.9 35.4 53.0#

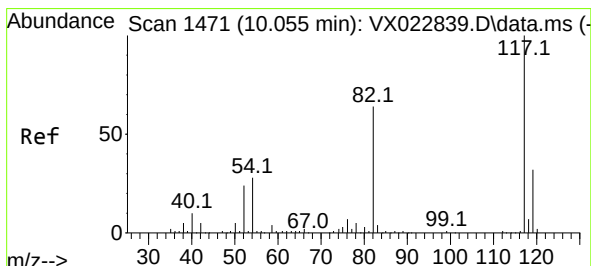
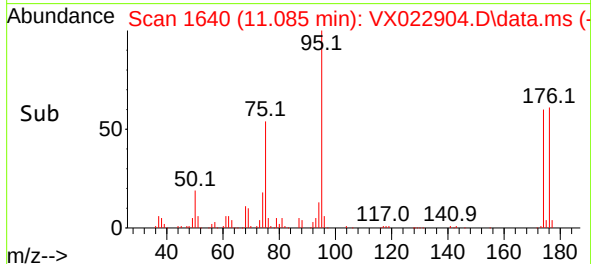
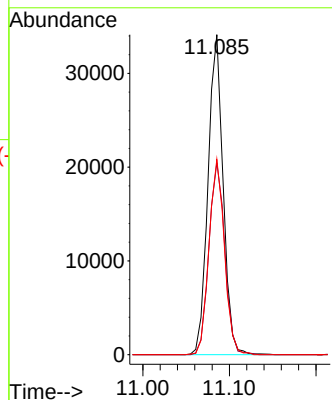
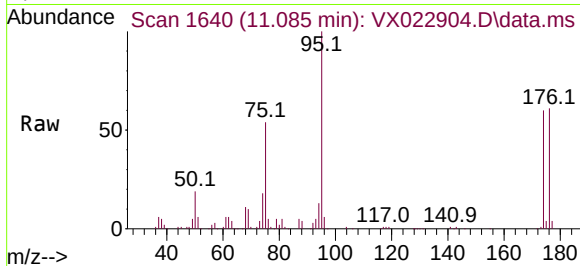




#62
4-Bromofluorobenzene
Concen: 42.82 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

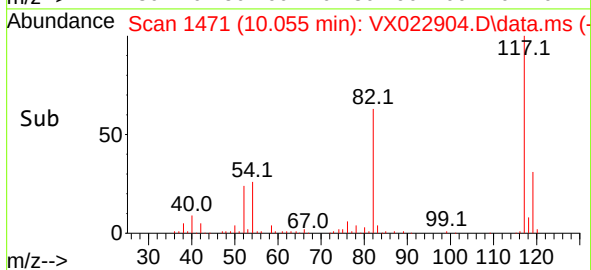
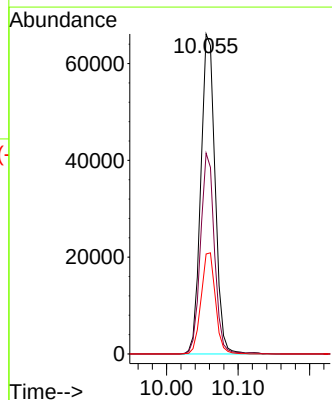
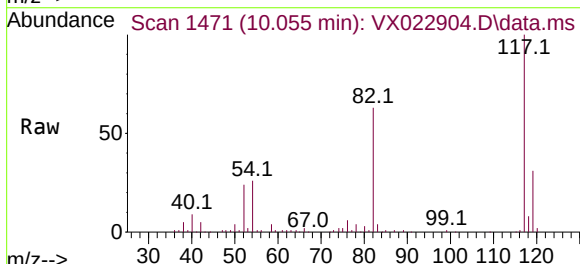
Instrument :
MSVOA_X
ClientSampled :

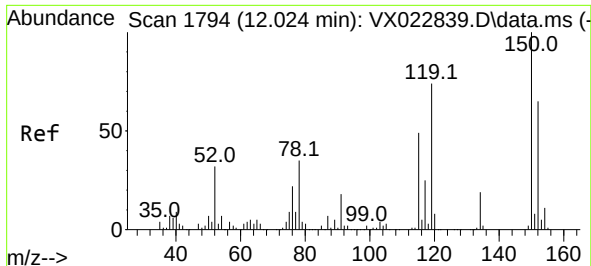
Tgt Ion: 95 Resp: 41314
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 62.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022904.D
Acq: 25 Jun 2021 06:18

Tgt Ion: 117 Resp: 91696
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 31.3 26.6 39.8

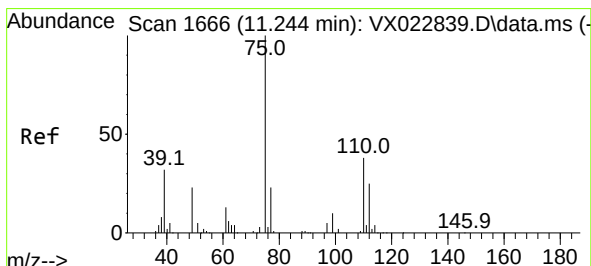
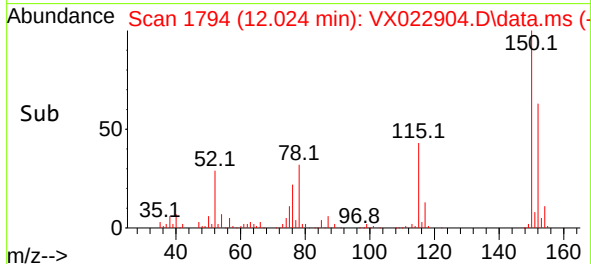
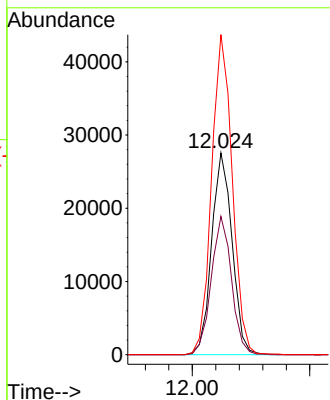
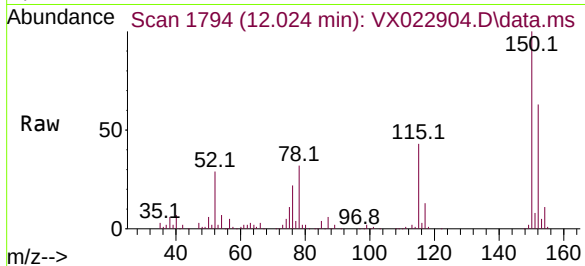




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022904.D
 Acq: 25 Jun 2021 06:18

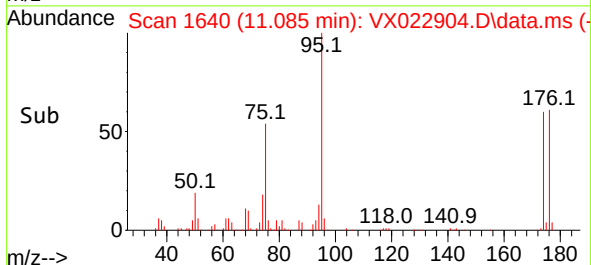
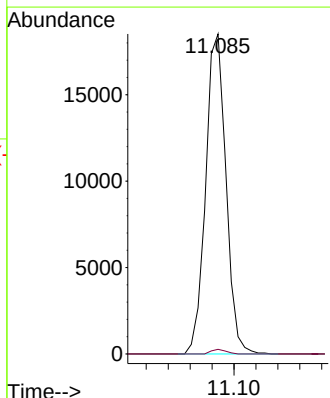
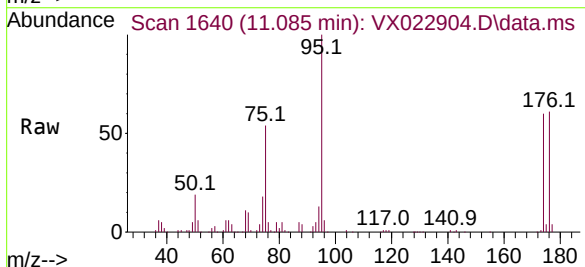
Instrument :
 MSVOA_X
 ClientSampled :

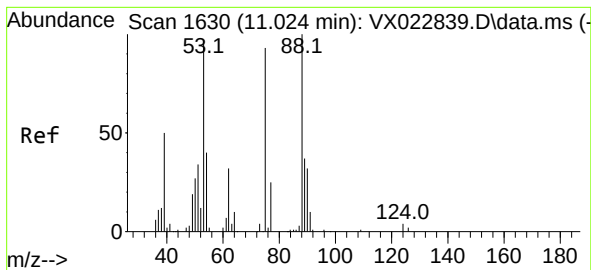
Tgt Ion:152 Resp: 33331
 Ion Ratio Lower Upper
 152 100
 115 68.0 41.1 123.3
 150 160.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.03 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022904.D
 Acq: 25 Jun 2021 06:18

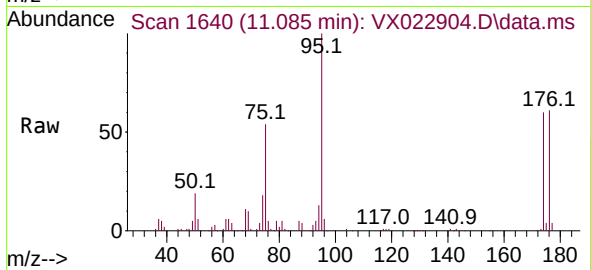
Tgt Ion: 75 Resp: 23796
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.01 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022904.D
 Acq: 25 Jun 2021 06:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 23796
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

