

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022899.D
 Acq On : 25 Jun 2021 04:20
 Operator : JC/MD
 Sample : M2838-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:43:56 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)

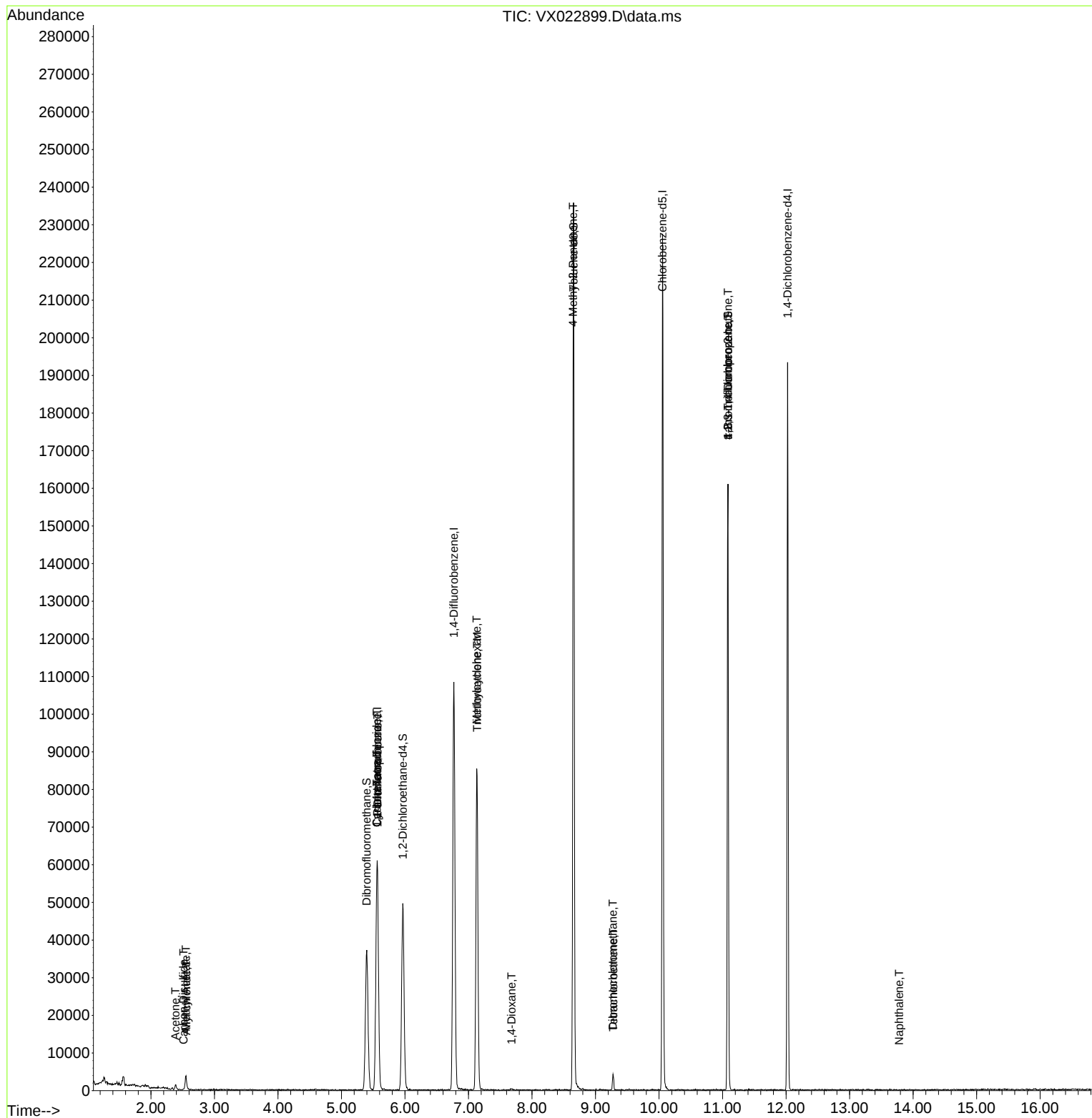
Internal Standards						
1) Pentafluorobenzene	5.562	168	50824	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	104294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46350	50.25	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 100.50%		
35) Dibromofluoromethane	5.397	113	31672	47.82	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 95.64%		
50) Toluene-d8	8.653	98	129510	49.90	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 99.80%		
62) 4-Bromofluorobenzene	11.085	95	42467	43.84	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 87.68%		
Target Compounds						
						Qvalue
14) Allyl chloride	2.556	41	262	0.21	ug/l	# 1
16) Acetone	2.386	43	1281	3.13	ug/l	89
17) Carbon Disulfide	2.514	76	93	3.56	ug/l	# 75
18) Methyl Acetate	2.550	43	1066	1.06	ug/l	# 47
31) Cyclohexane	5.556	56	1463	1.12	ug/l	# 45
36) 1,1-Dichloropropene	5.568	75	4998	4.51	ug/l	# 43
38) Carbon Tetrachloride	5.556	117	6461	6.95	ug/l	# 12
39) Methylcyclohexane	7.129	83	411	0.32	ug/l	# 1
44) Trichloroethene	7.135	130	30529	40.30	ug/l	98
49) 1,4-Dioxane	7.677	88	282	13.72	ug/l	# 85
51) 4-Methyl-2-Pentanone	8.647	43	705	0.55	ug/l	# 1
60) Dibromochloromethane	9.275	129	620	4.41	ug/l	# 11
64) Tetrachloroethene	9.281	164	609	0.93	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	24227	26.25	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	24227	68.17	ug/l	# 12
95) Naphthalene	13.780	128	40	1.94	ug/l	# 69

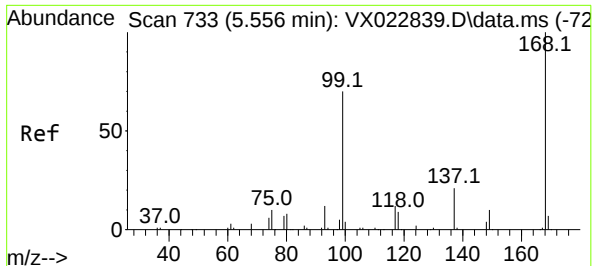
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

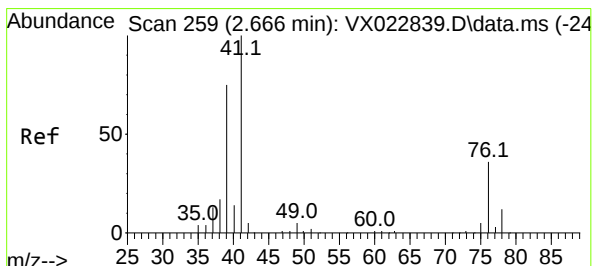
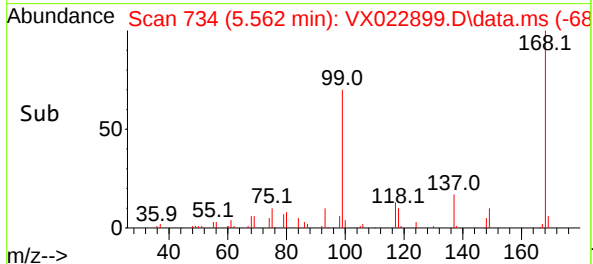
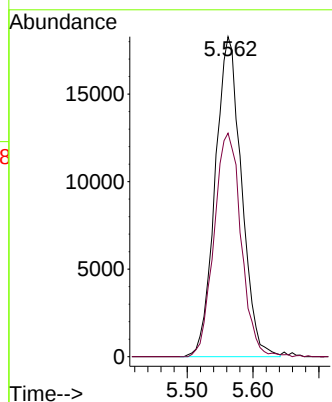
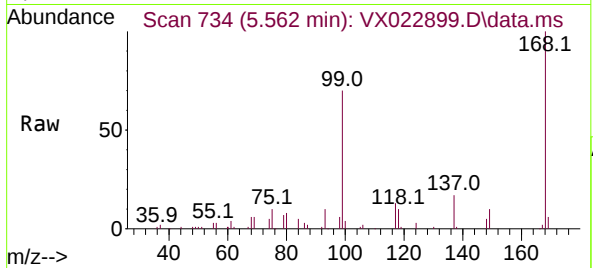




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

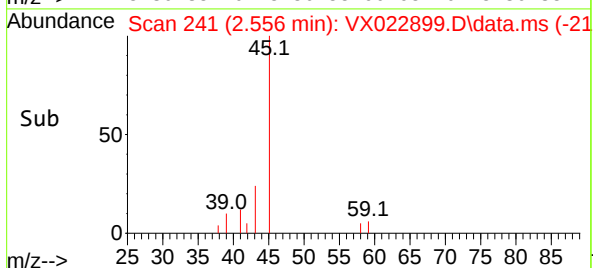
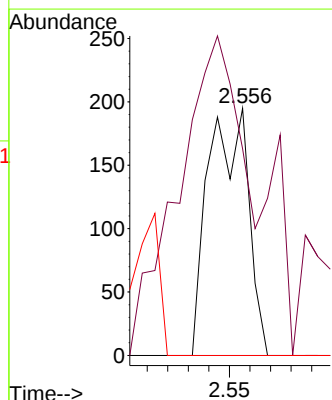
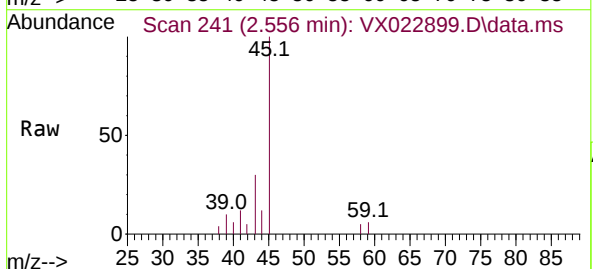
Instrument :
MSVOA_X
ClientSampled :

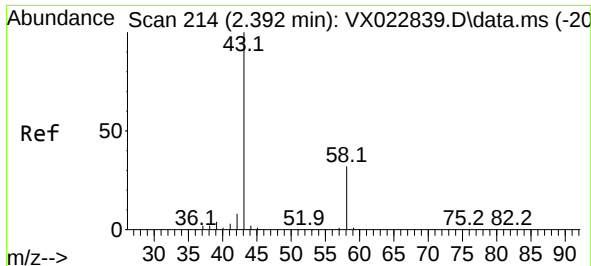
Tgt Ion:168 Resp: 50824
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#



#14
Allyl chloride
Concen: 0.21 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion: 41 Resp: 262
Ion Ratio Lower Upper
41 100
39 252.7 51.6 77.4#
76 0.0 30.5 45.7#

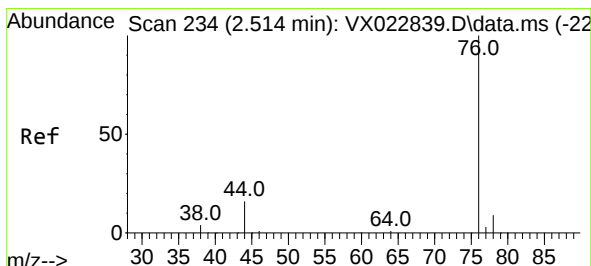
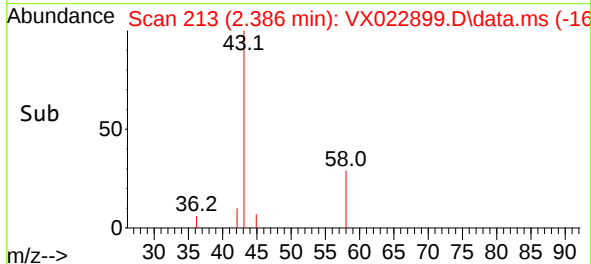
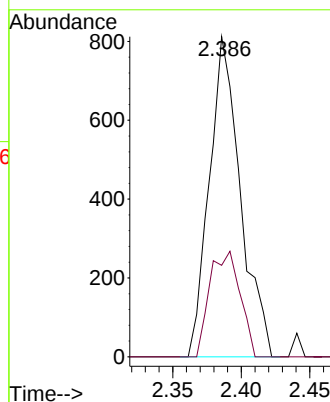
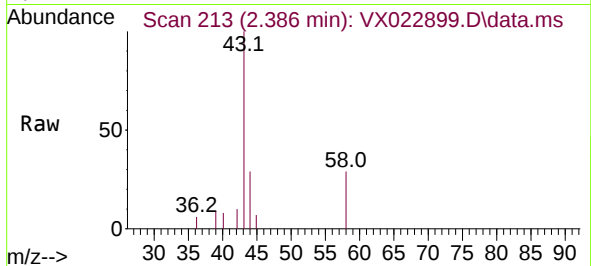




#16
Acetone
Concen: 3.13 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

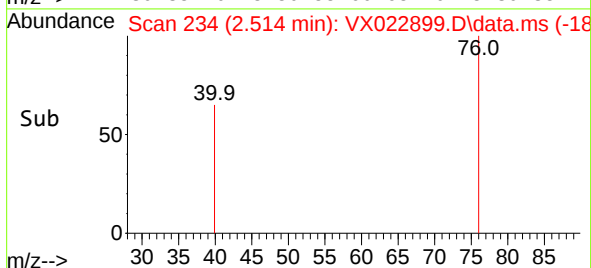
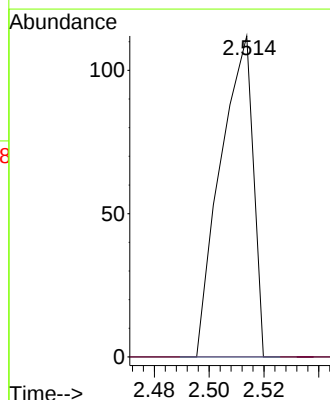
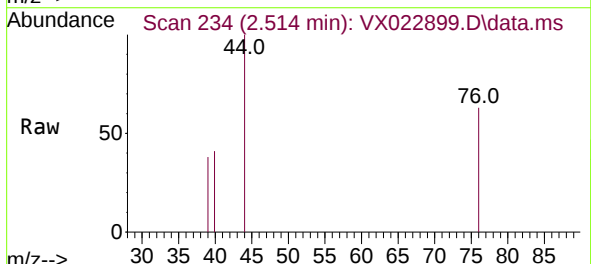
Instrument :
MSVOA_X
ClientSampled :

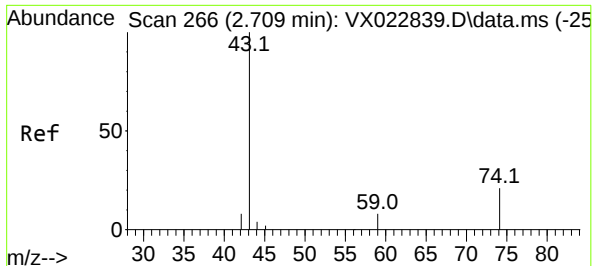
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#17
Carbon Disulfide
Concen: 3.56 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion: 76 Resp: 93
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 1.06 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.159 min

Lab File: VX022899.D

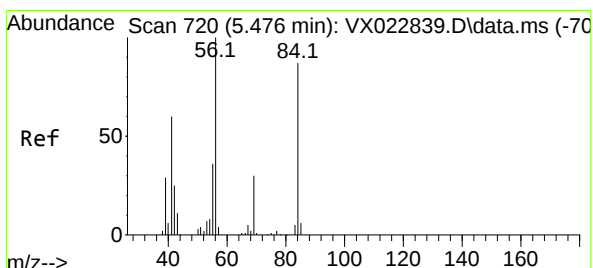
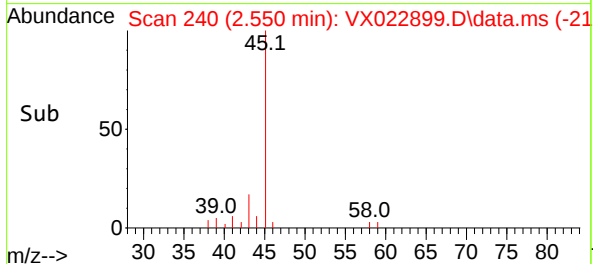
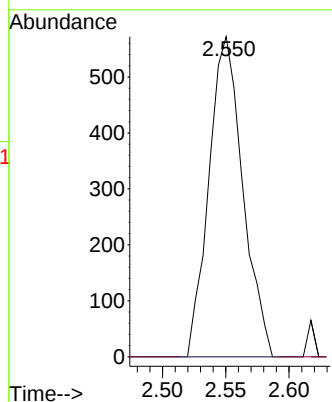
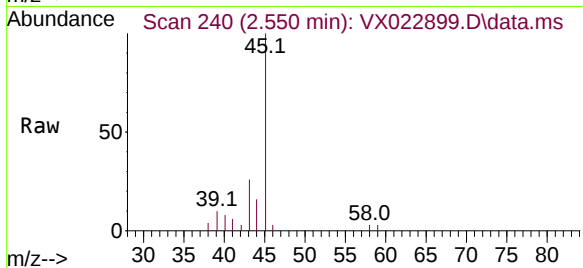
Acq: 25 Jun 2021 04:20

Tgt Ion: 43 Resp: 1066

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.12 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022899.D

Acq: 25 Jun 2021 04:20

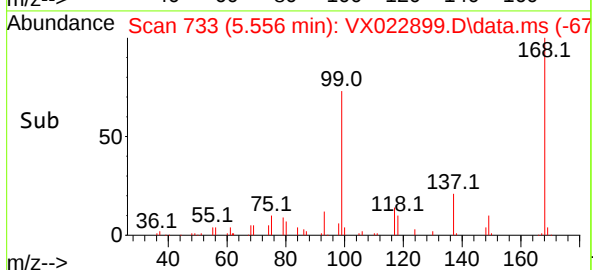
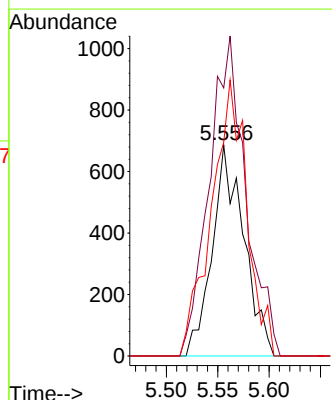
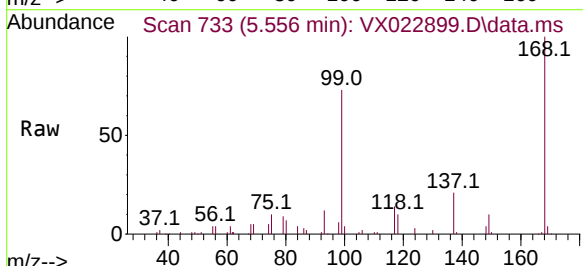
Tgt Ion: 56 Resp: 1463

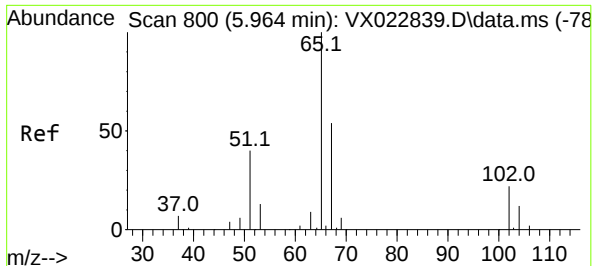
Ion Ratio Lower Upper

56 100

69 127.1 25.3 37.9#

84 101.3 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 50.25 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022899.D

Acq: 25 Jun 2021 04:20

Tgt Ion: 65 Resp: 46350

Ion Ratio Lower Upper

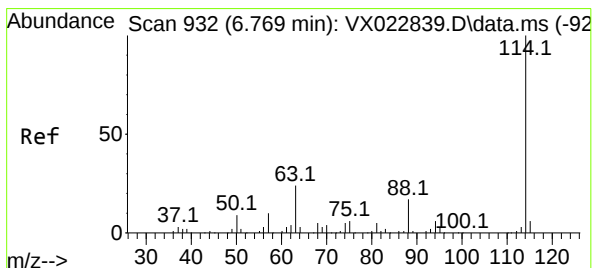
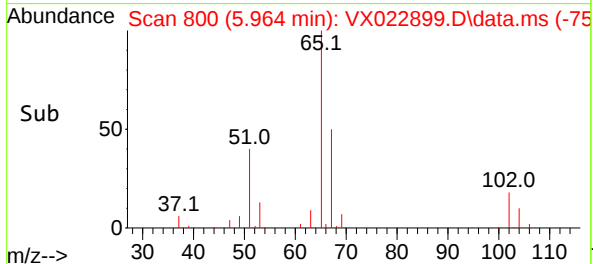
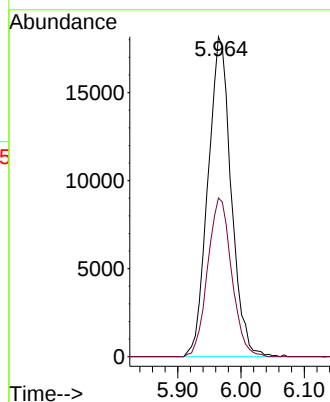
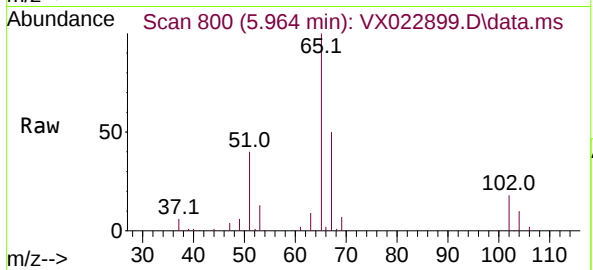
65 100

67 51.2 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022899.D

Acq: 25 Jun 2021 04:20

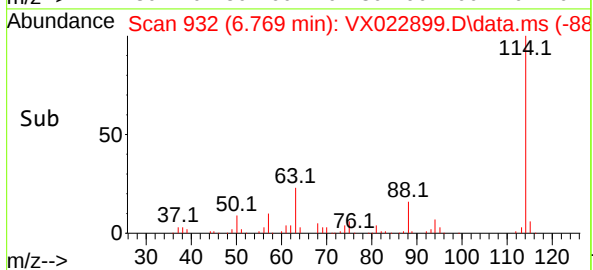
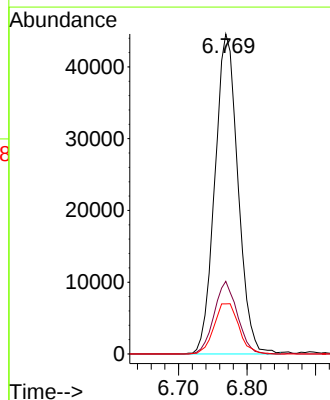
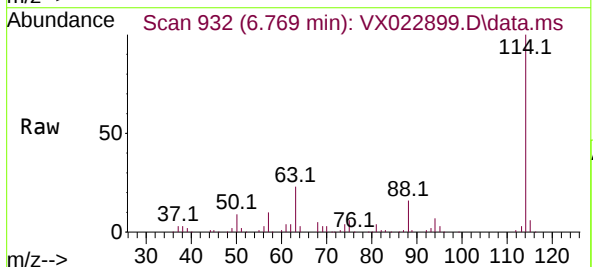
Tgt Ion:114 Resp: 104294

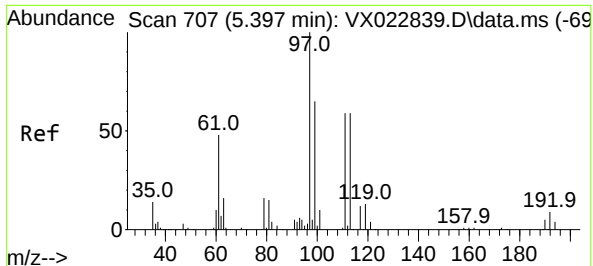
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.82 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022899.D

Acq: 25 Jun 2021 04:20

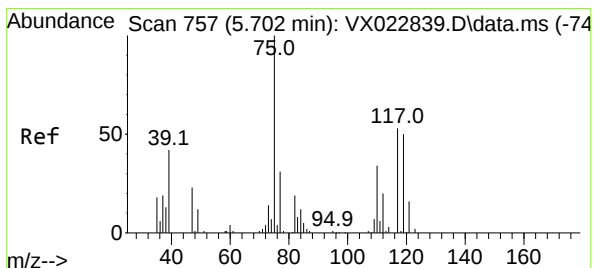
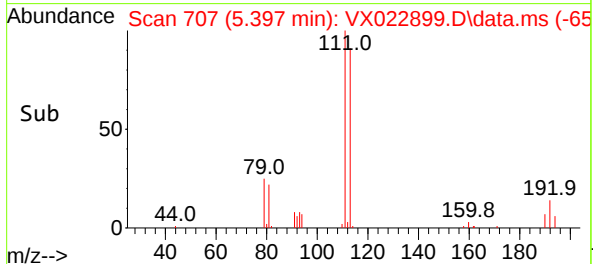
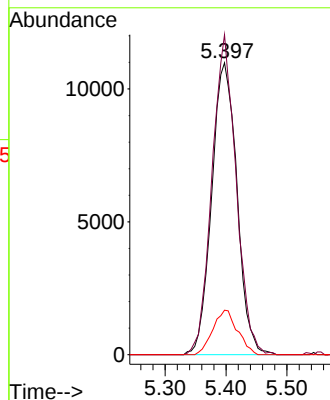
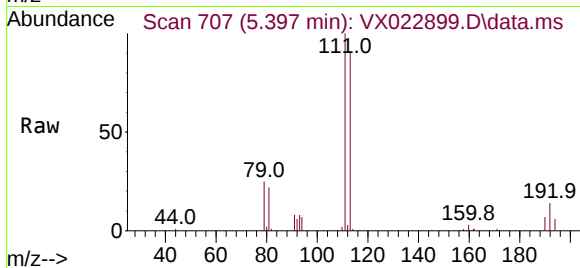
Tgt Ion:113 Resp: 31672

Ion Ratio Lower Upper

113 100

111 104.8 81.9 122.9

192 14.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.51 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022899.D

Acq: 25 Jun 2021 04:20

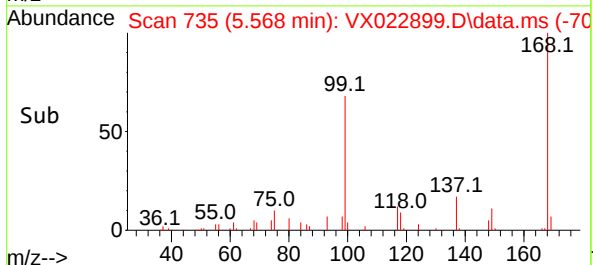
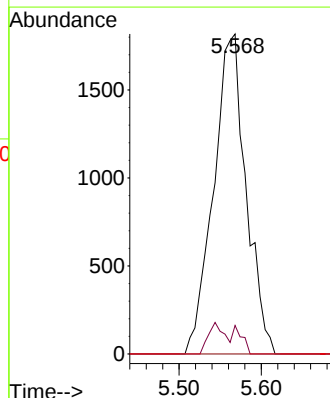
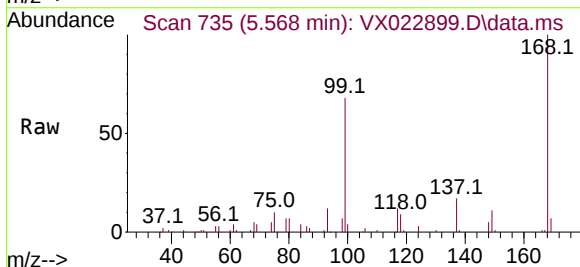
Tgt Ion: 75 Resp: 4998

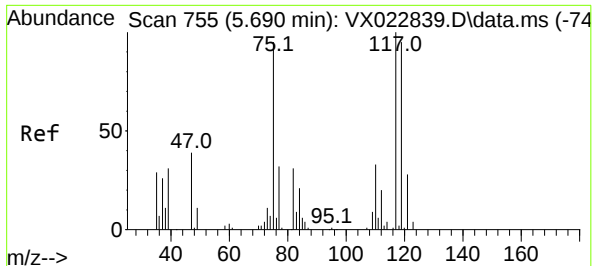
Ion Ratio Lower Upper

75 100

110 2.6 18.1 54.4#

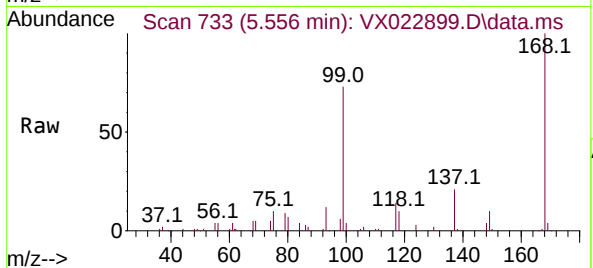
77 0.0 25.3 37.9#



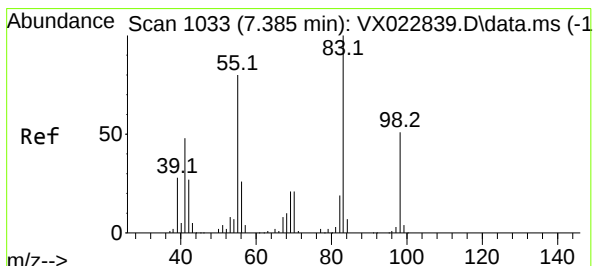
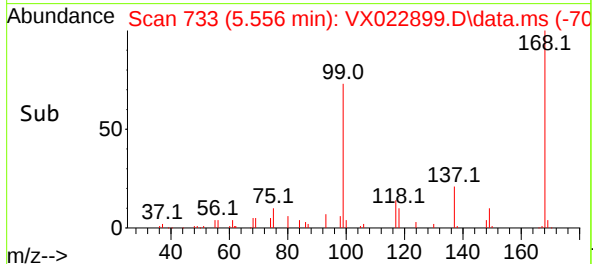
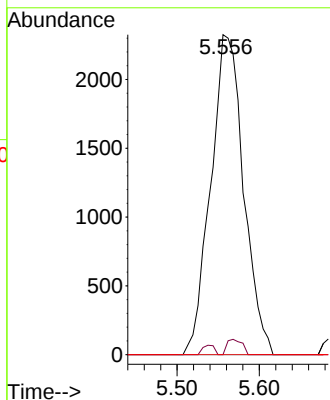


#38
Carbon Tetrachloride
Concen: 6.95 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Instrument :
MSVOA_X
ClientSampled :

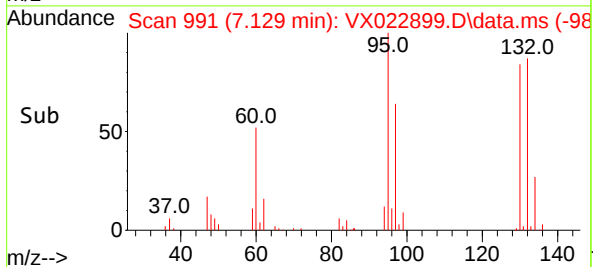
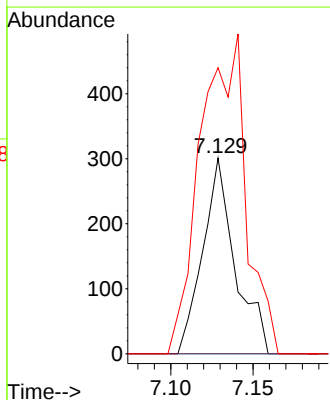
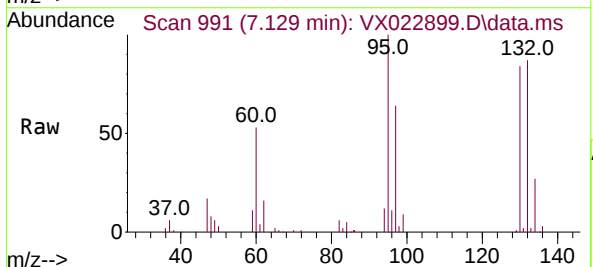


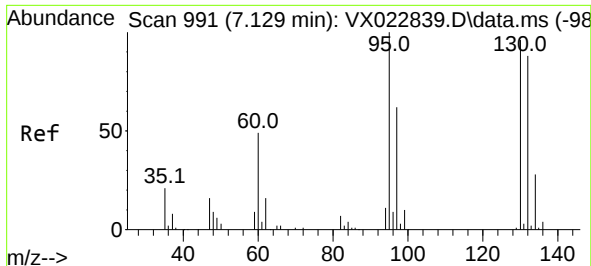
Tgt Ion:117 Resp: 6461
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion: 83 Resp: 411
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 146.2 38.1 57.1#

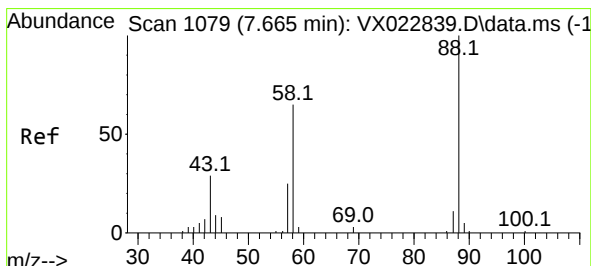
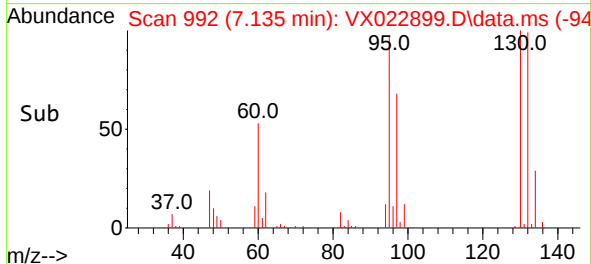
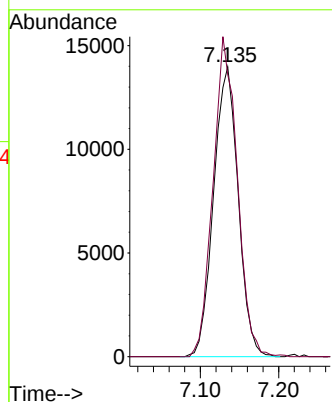
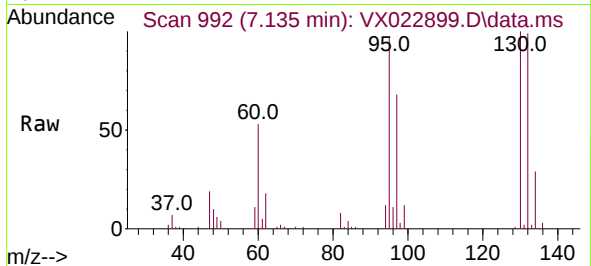




#44
Trichloroethene
Concen: 40.30 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

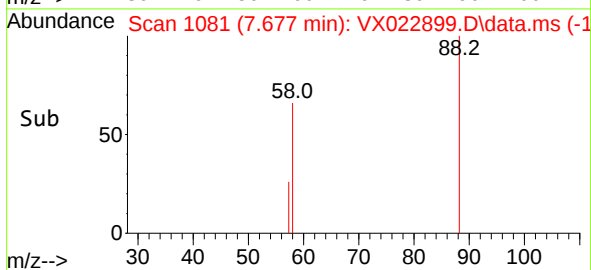
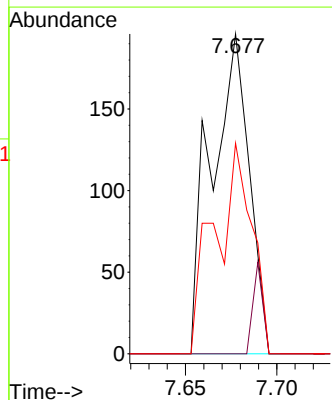
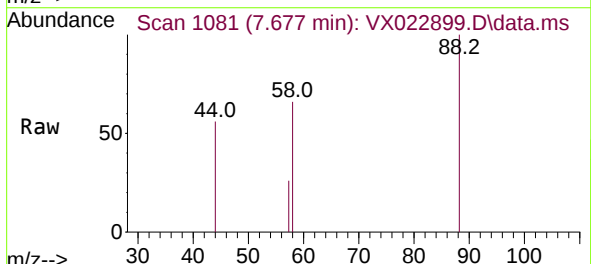
Instrument :
MSVOA_X
ClientSampled :

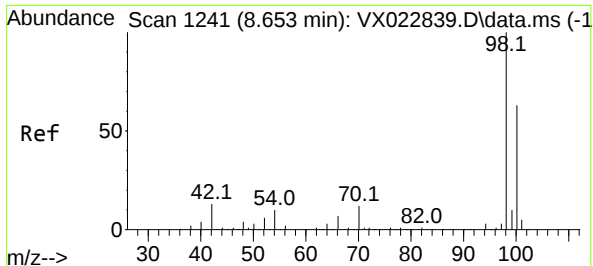
Tgt Ion:130 Resp: 30529
Ion Ratio Lower Upper
130 100
95 97.3 0.0 198.0



#49
1,4-Dioxane
Concen: 13.72 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 7.1 23.2 34.8#
58 64.9 55.0 82.4

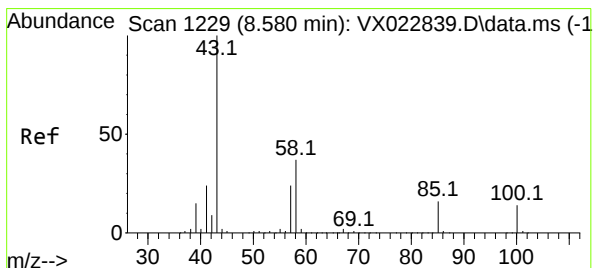
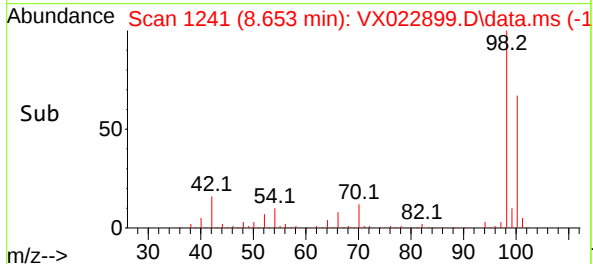
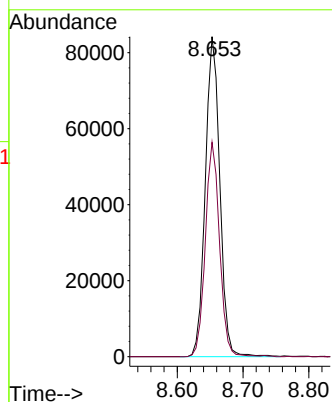
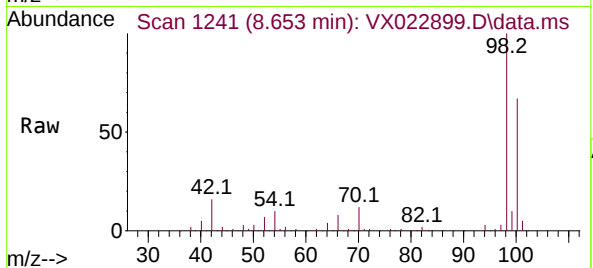




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

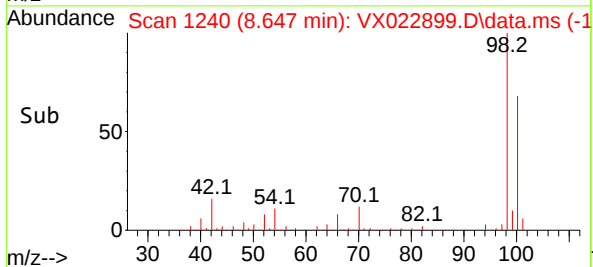
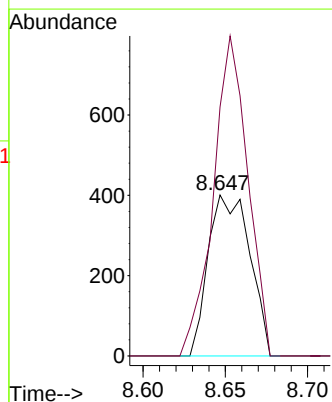
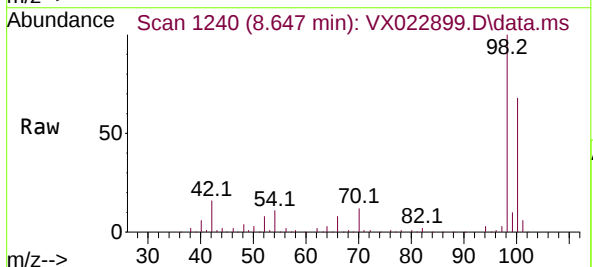
Instrument :
MSVOA_X
ClientSampled :

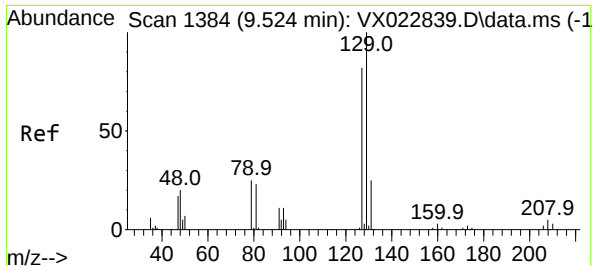
Tgt Ion: 98 Resp: 129510
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 165.0 35.4 53.0#

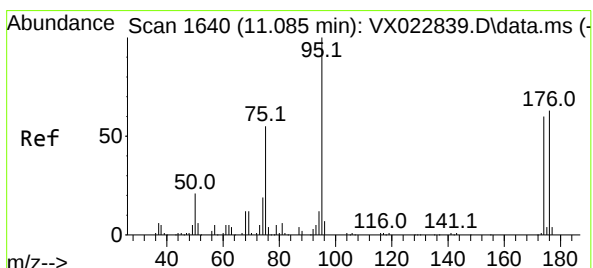
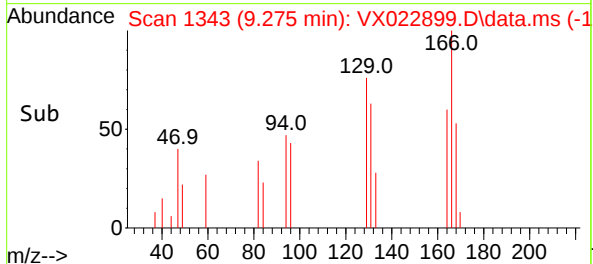
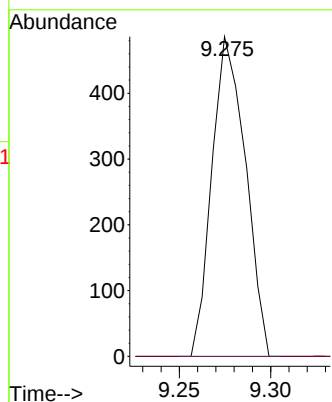
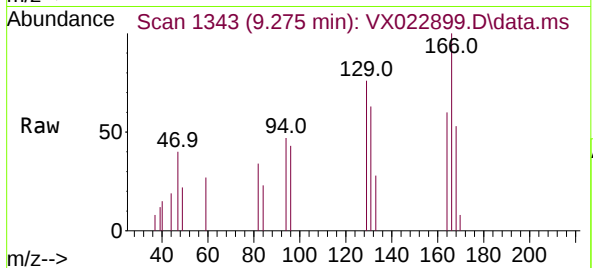




#60
Dibromochloromethane
Concen: 4.41 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

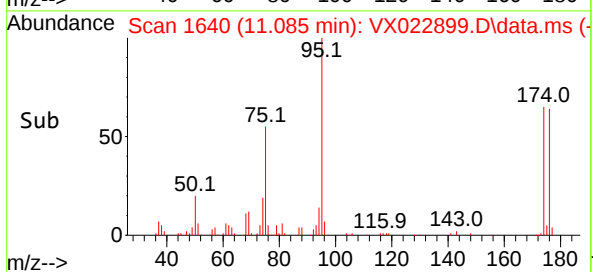
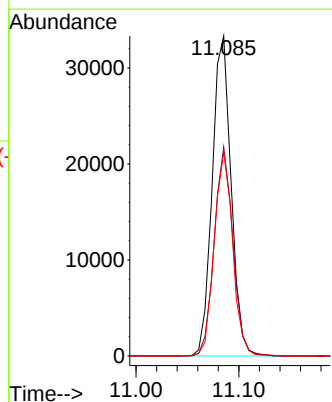
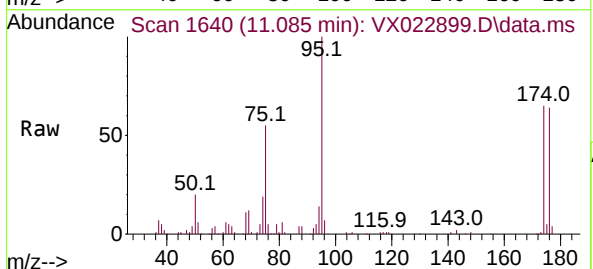
Instrument :
MSVOA_X
ClientSampled :

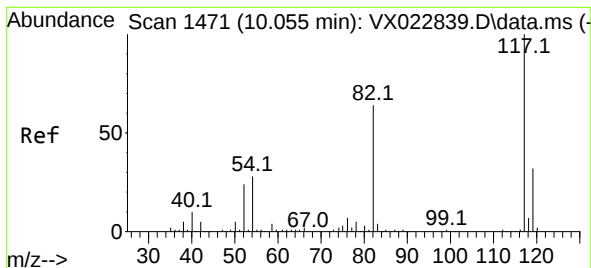
Tgt Ion:129 Resp: 620
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion: 95 Resp: 42467
Ion Ratio Lower Upper
95 100
174 64.5 0.0 154.6
176 62.3 0.0 155.8

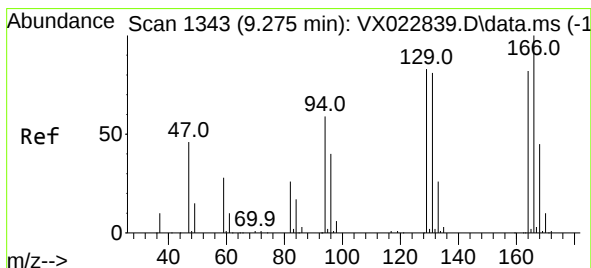
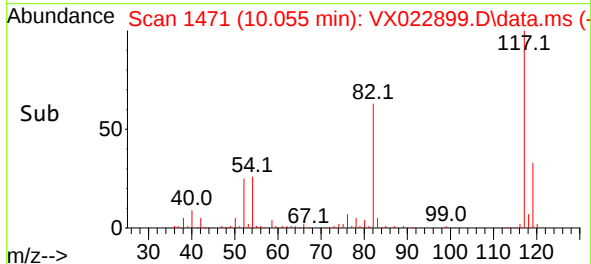
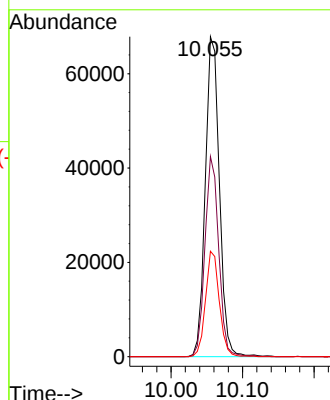
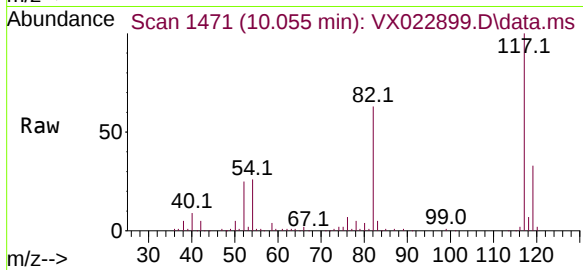




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

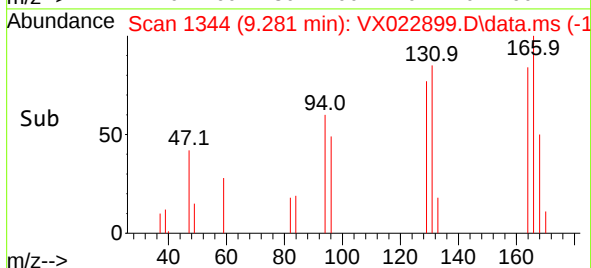
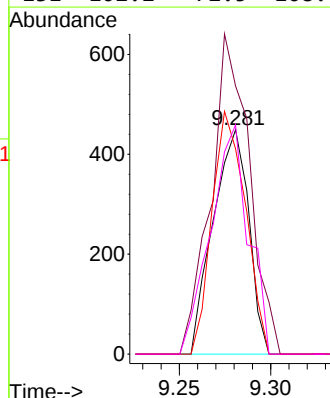
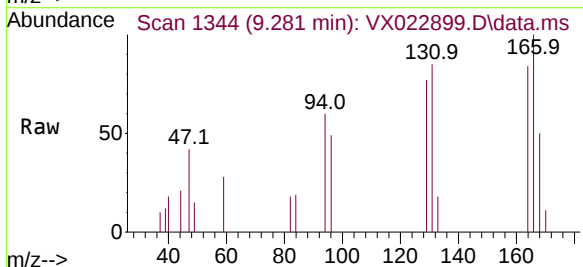
Instrument :
MSVOA_X
ClientSampled :

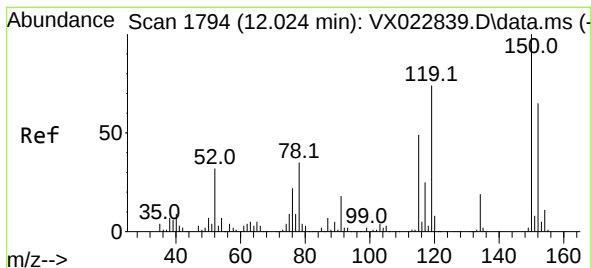
Tgt Ion:117 Resp: 93087
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 33.0 26.6 39.8



#64
Tetrachloroethene
Concen: 0.93 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion:164 Resp: 609
Ion Ratio Lower Upper
164 100
166 119.6 103.4 155.2
129 91.5 70.8 106.2
131 102.2 72.5 108.7

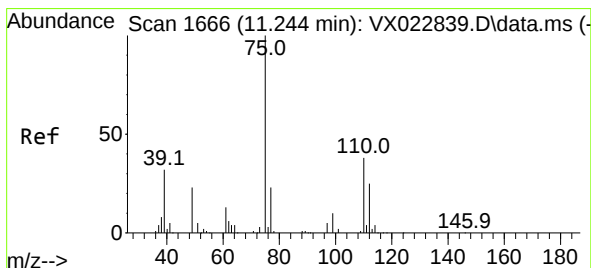
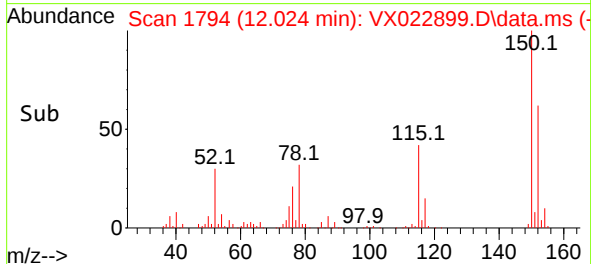
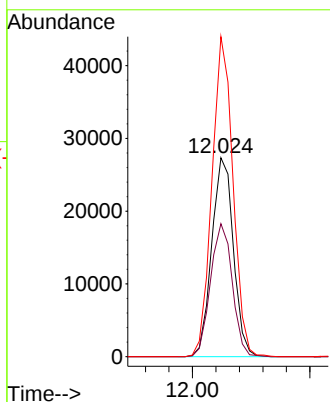
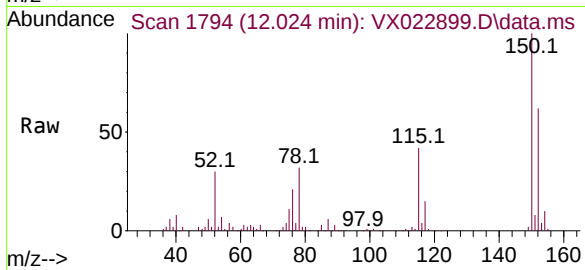




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022899.D
 Acq: 25 Jun 2021 04:20

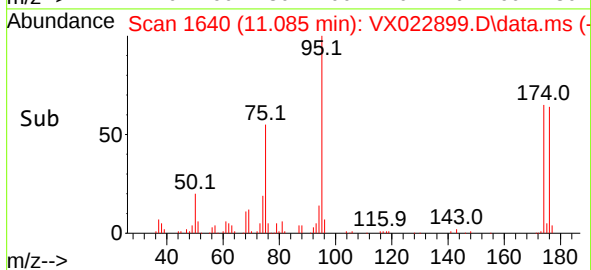
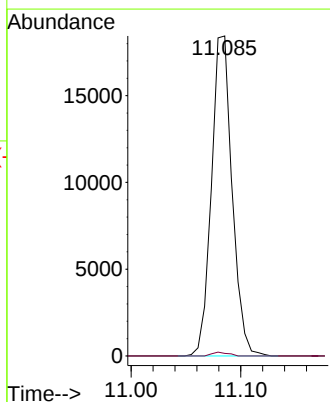
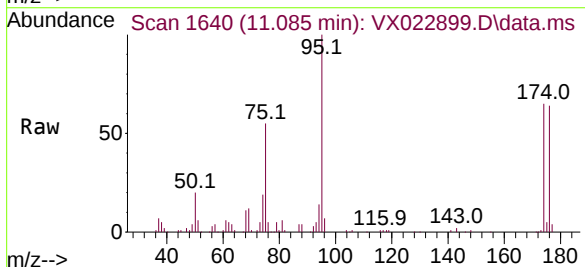
Instrument :
 MSVOA_X
 ClientSampled :

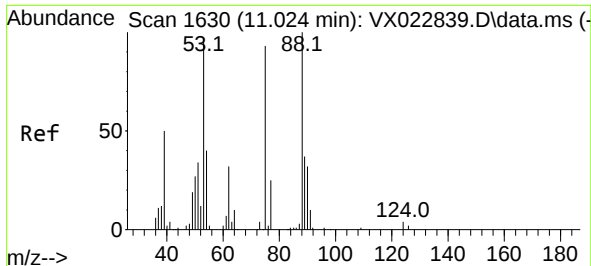
Tgt Ion:152 Resp: 34946
 Ion Ratio Lower Upper
 152 100
 115 67.2 41.1 123.3
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.25 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022899.D
 Acq: 25 Jun 2021 04:20

Tgt Ion: 75 Resp: 24227
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

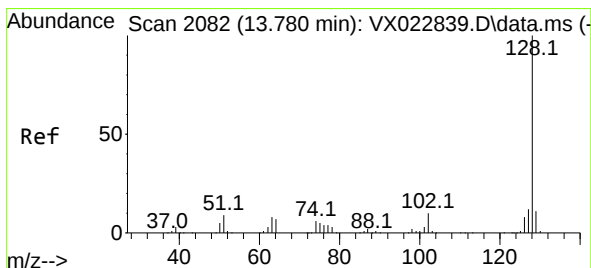
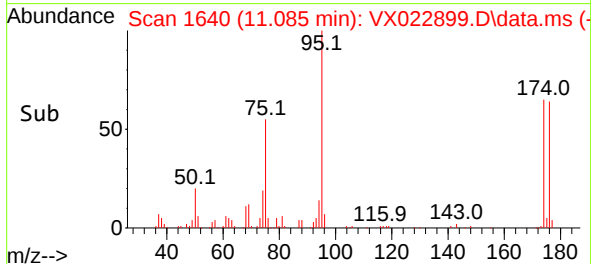
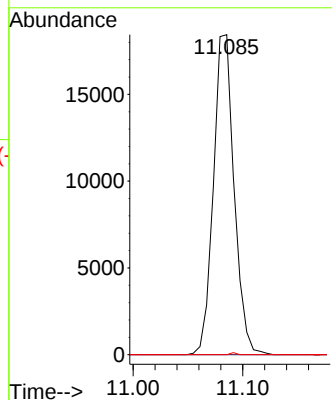
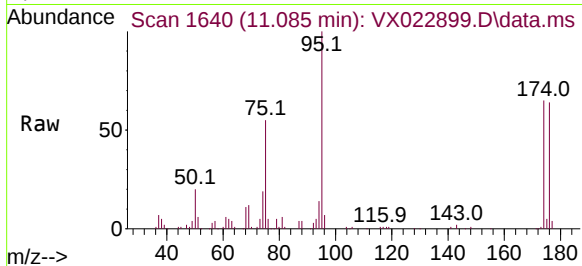




#81
trans-1,4-Dichloro-2-butene
Concen: 68.17 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 24227
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#



#95
Naphthalene
Concen: 1.94 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022899.D
Acq: 25 Jun 2021 04:20

Tgt Ion:128 Resp: 40
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

