

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022929.D
 Acq On : 25 Jun 2021 17:37
 Operator : JC/MD
 Sample : M2838-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:54:57 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)

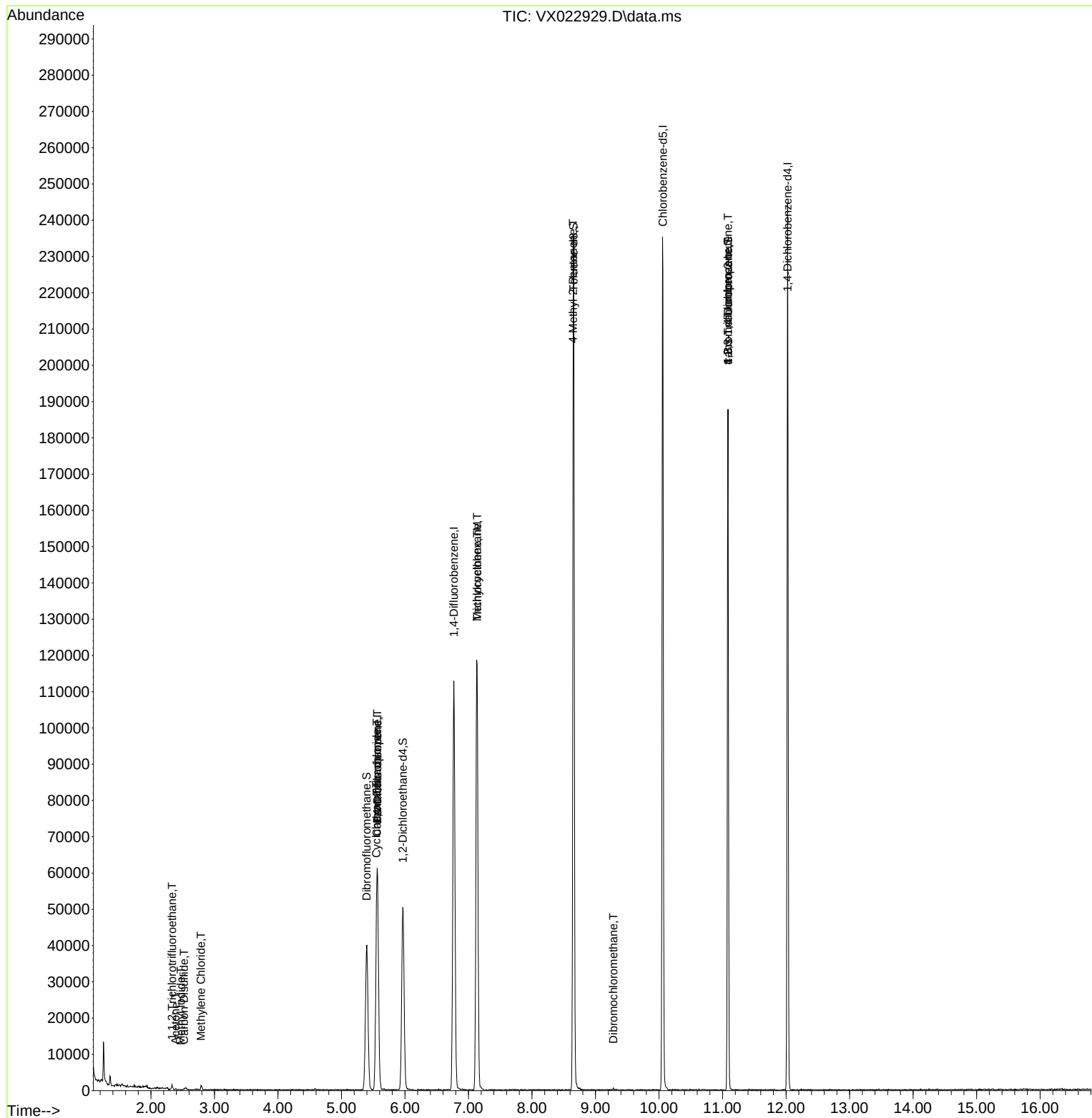
Internal Standards						
1) Pentafluorobenzene	5.562	168	51509	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47914	51.26	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	102.52%	
35) Dibromofluoromethane	5.397	113	33821	50.17	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	100.34%	
50) Toluene-d8	8.653	98	135125	51.14	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.085	95	49286	49.98	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	99.96%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	503	0.75	ug/l	# 64
10) Methyl Iodide	2.471	142	41	3.93	ug/l	# 42
16) Acetone	2.386	43	247	0.60	ug/l	# 40
17) Carbon Disulfide	2.520	76	60	3.55	ug/l	# 75
20) Methylene Chloride	2.788	84	485	0.96	ug/l	# 89
31) Cyclohexane	5.550	56	1391	1.05	ug/l	# 23
36) 1,1-Dichloropropene	5.562	75	5116	4.54	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6326	6.69	ug/l	# 14
39) Methylcyclohexane	7.135	83	590	0.45	ug/l	# 1
44) Trichloroethene	7.135	130	41411	53.70	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	733	0.56	ug/l	# 1
60) Dibromochloromethane	9.281	129	35	3.69	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	26687	24.07	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26687	63.06	ug/l	# 12

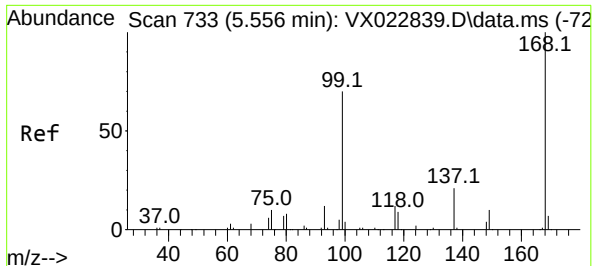
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 26 03:54:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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Response via : Initial Calibration

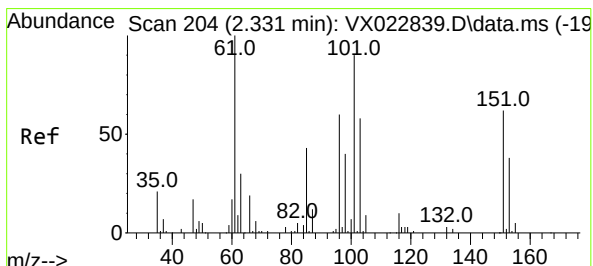
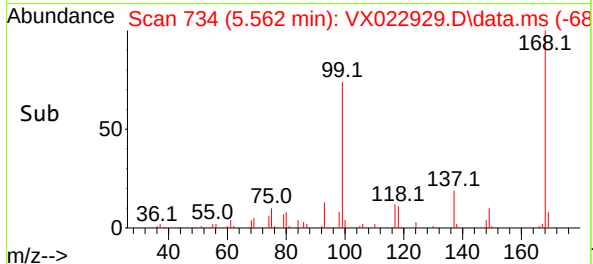
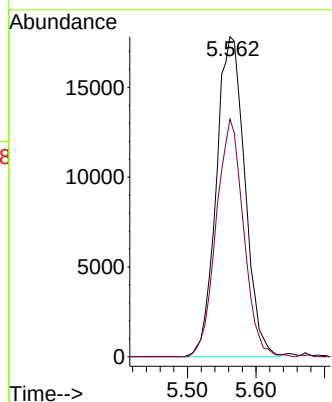
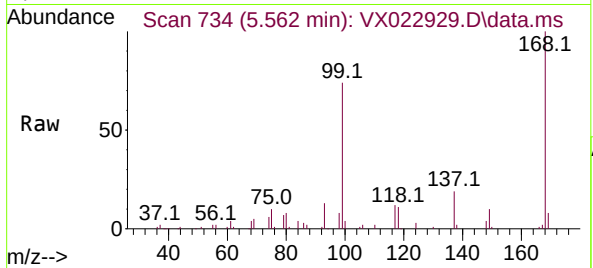




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

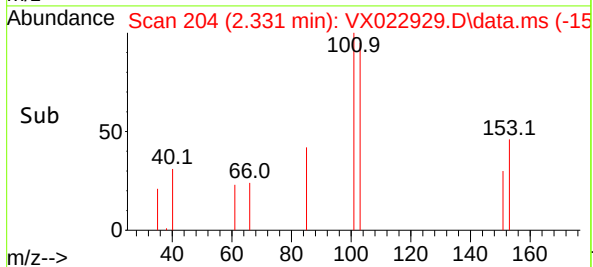
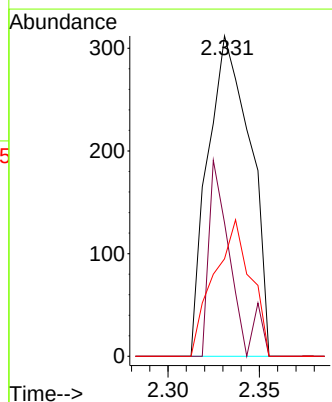
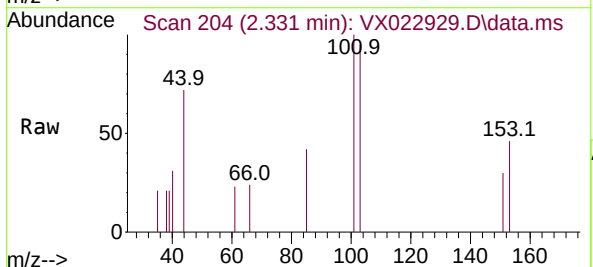
Instrument :
MSVOA_X
ClientSampleId :

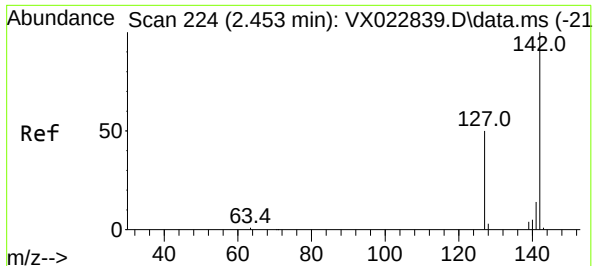
Tgt Ion:168 Resp: 51509
Ion Ratio Lower Upper
168 100
99 74.2 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.75 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion:101 Resp: 503
Ion Ratio Lower Upper
101 100
85 31.6 34.9 52.3#
151 37.0 61.4 92.2#

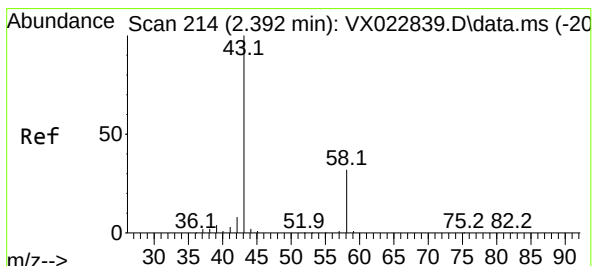
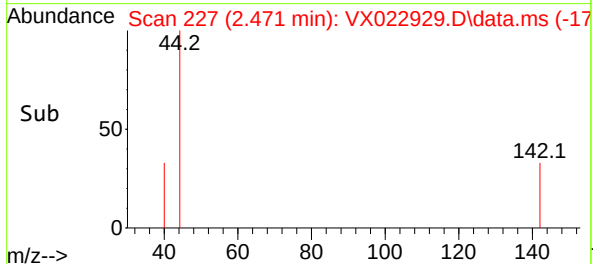
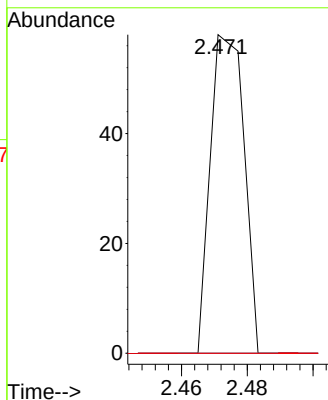
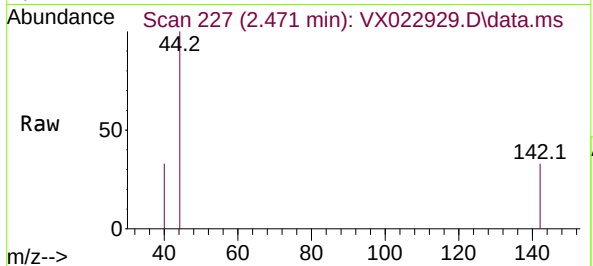




#10
Methyl Iodide
Concen: 3.93 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

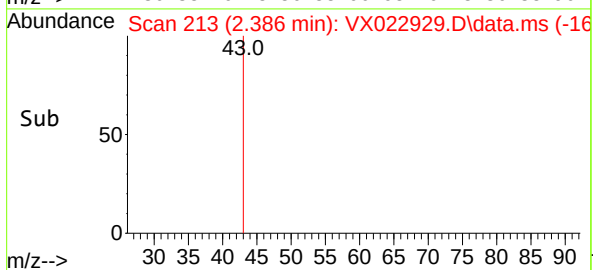
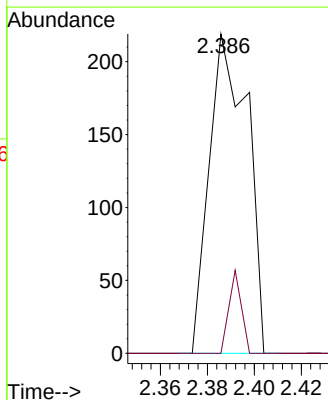
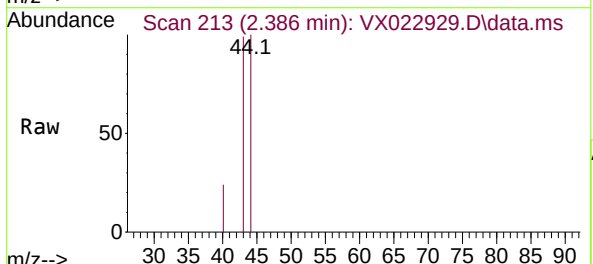
Instrument :
MSVOA_X
ClientSampled :

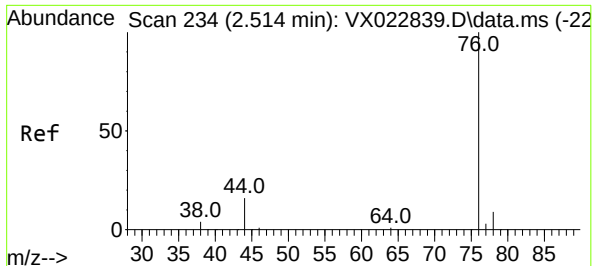
Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 0.60 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

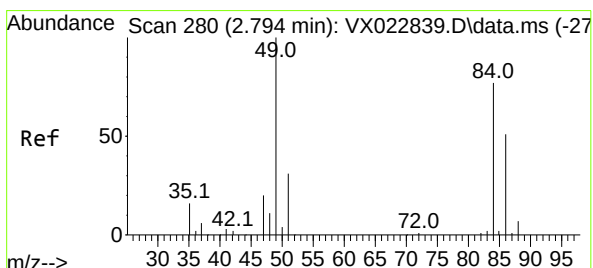
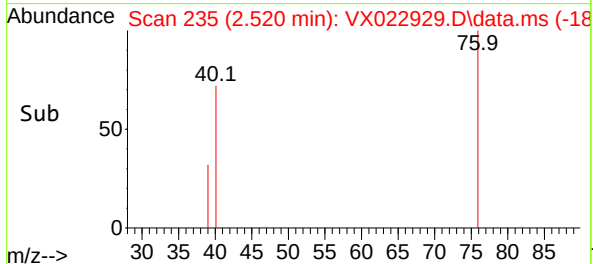
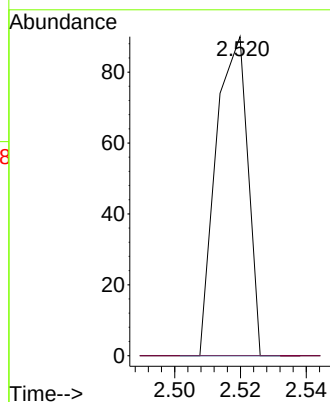
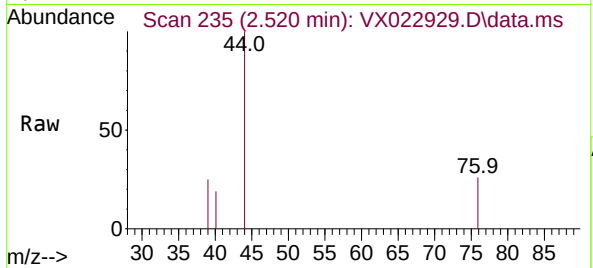




#17
Carbon Disulfide
Concen: 3.55 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

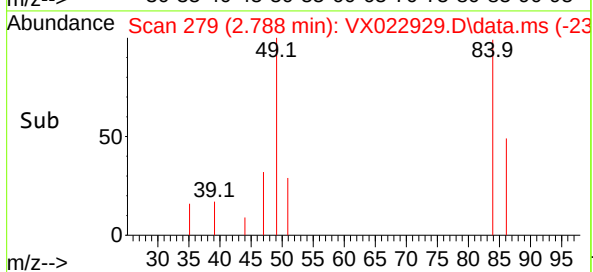
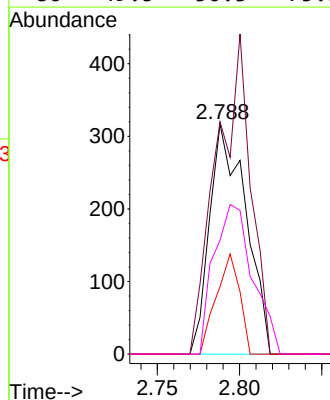
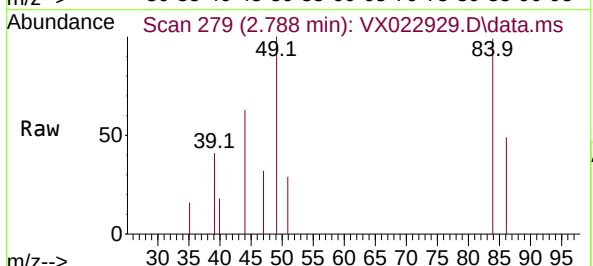
Instrument :
MSVOA_X
ClientSampled :

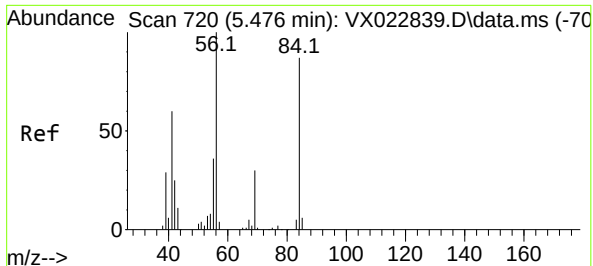
Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.96 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 84 Resp: 485
Ion Ratio Lower Upper
84 100
49 100.9 88.6 132.8
51 29.3 27.0 40.6
86 49.5 50.3 75.5#

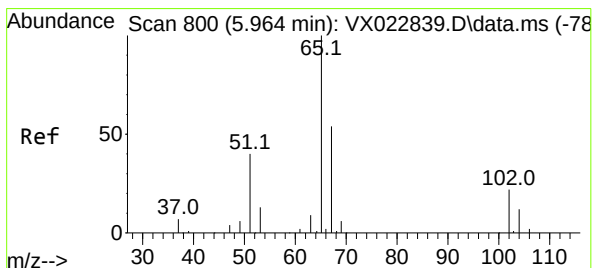
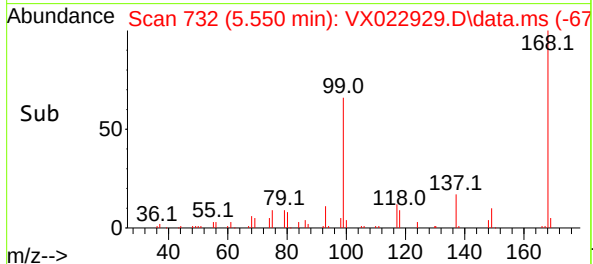
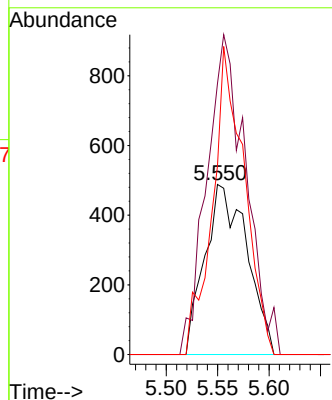
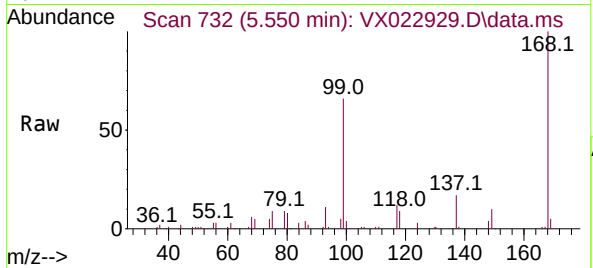




#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

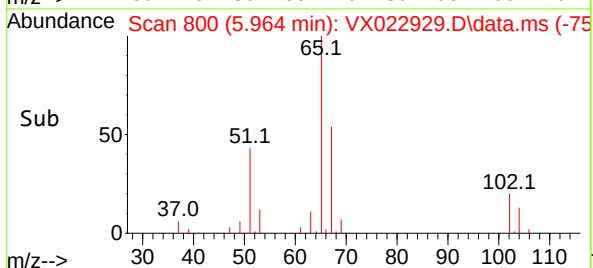
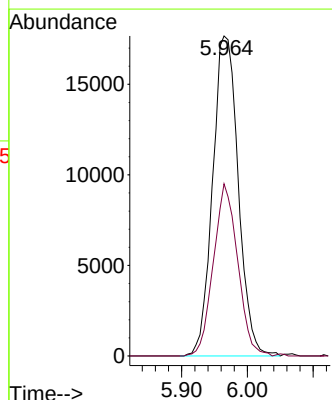
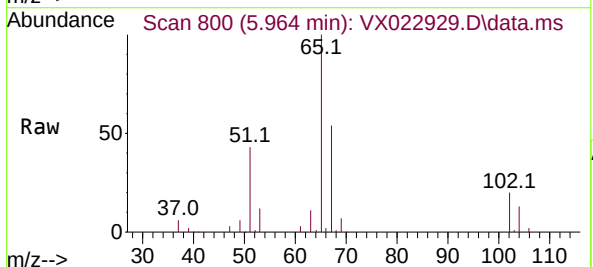
Instrument :
MSVOA_X
ClientSampled :

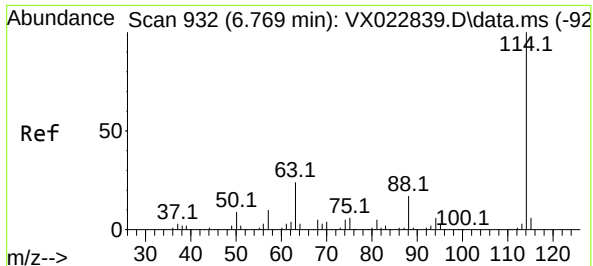
Tgt Ion: 56 Resp: 1391
Ion Ratio Lower Upper
56 100
69 159.4 25.3 37.9#
84 110.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.26 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 65 Resp: 47914
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

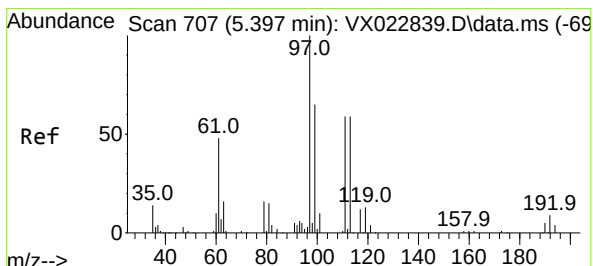
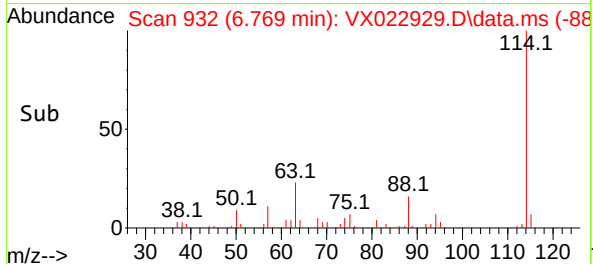
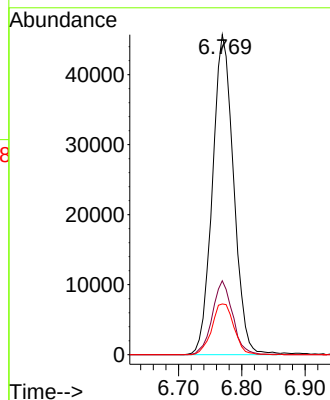
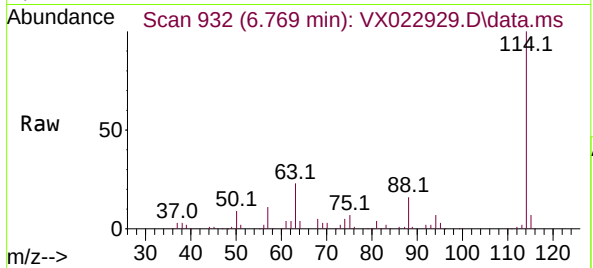




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

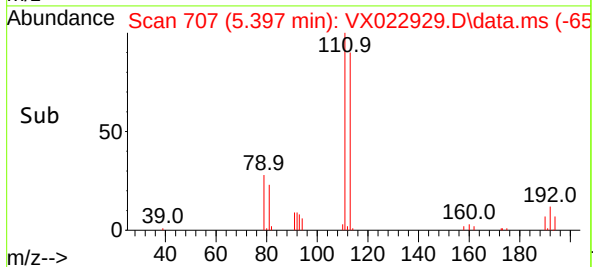
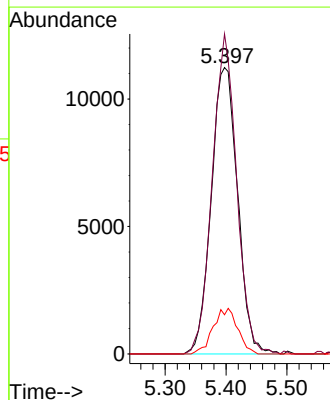
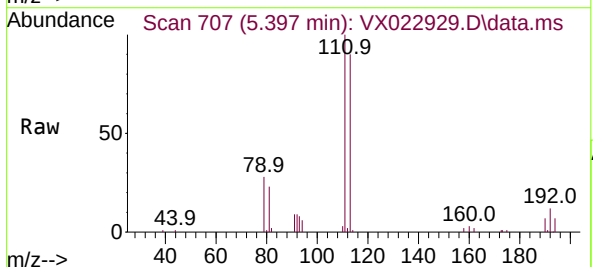
Instrument :
MSVOA_X
ClientSampleId :

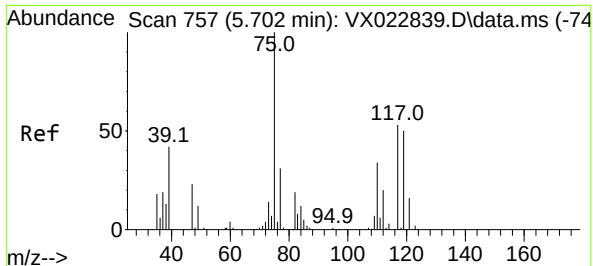
Tgt Ion:114 Resp: 106164
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion:113 Resp: 33821
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 14.8 16.7 25.1#

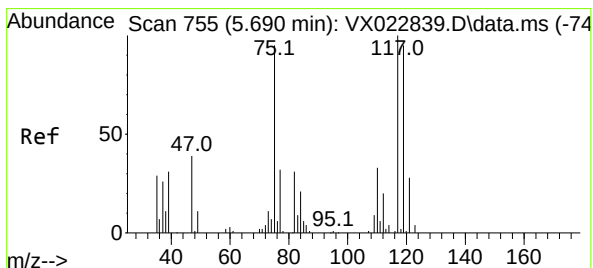
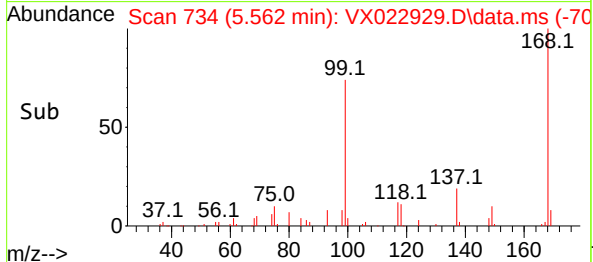
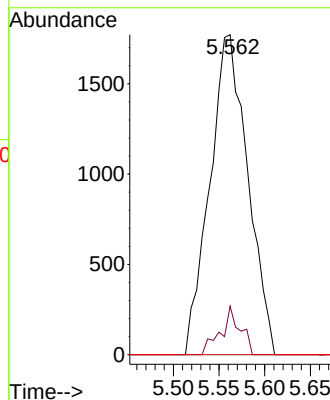
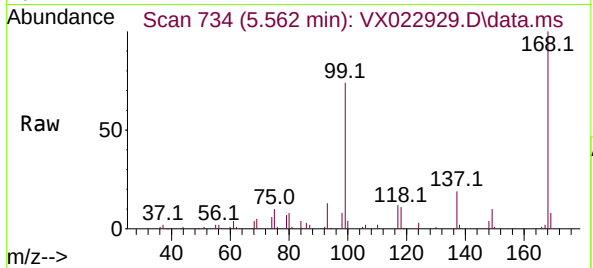




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

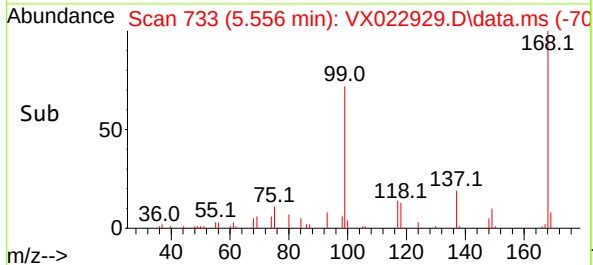
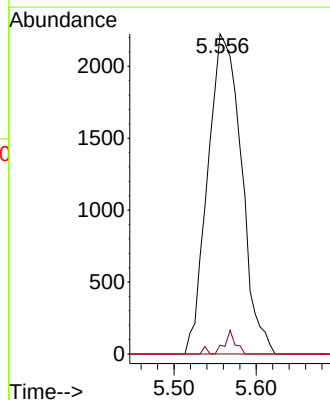
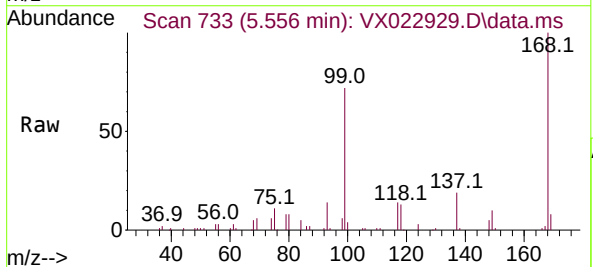
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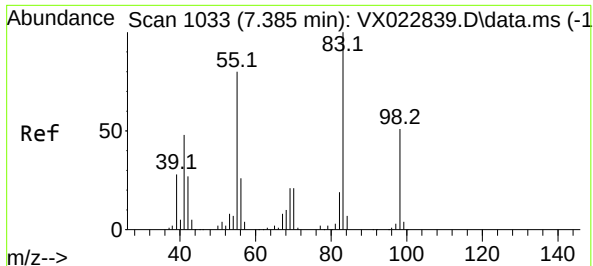
Tgt Ion: 75 Resp: 5116
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 117 Resp: 6326
Ion Ratio Lower Upper
117 100
119 2.7 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.45 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022929.D

Acq: 25 Jun 2021 17:37

Tgt Ion: 83 Resp: 590

Ion Ratio Lower Upper

83 100

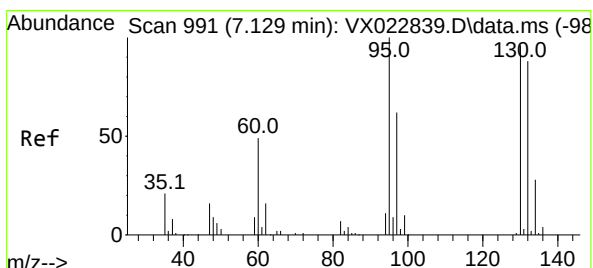
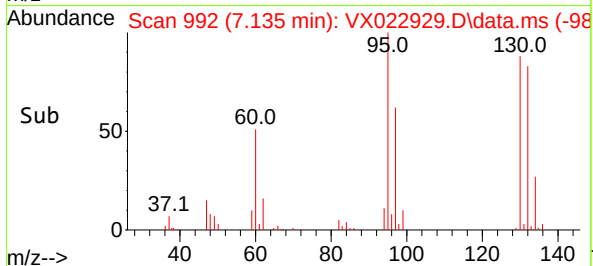
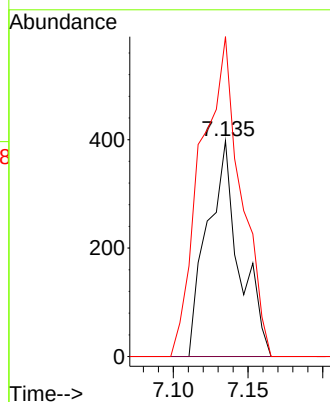
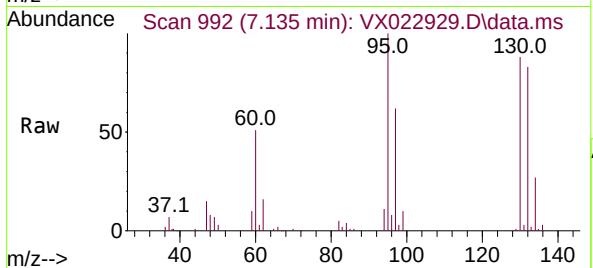
55 0.0 58.9 88.3#

98 148.2 38.1 57.1#

Instrument :

MSVOA_X

ClientSampled :



#44

Trichloroethene

Concen: 53.70 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022929.D

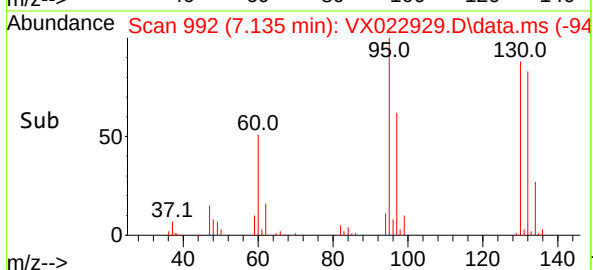
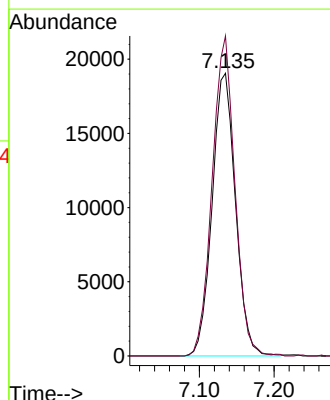
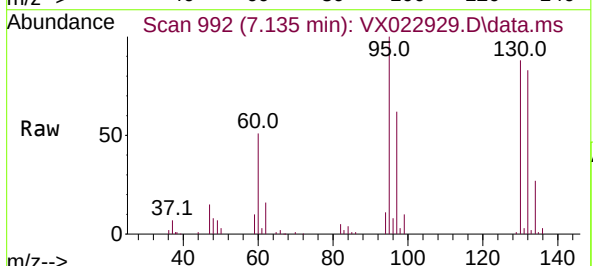
Acq: 25 Jun 2021 17:37

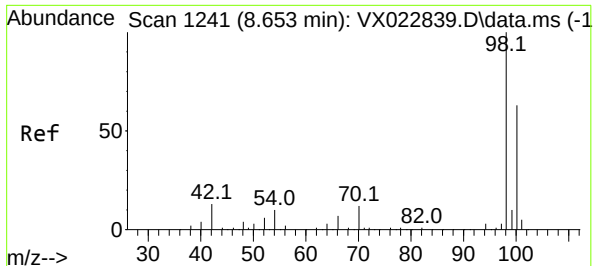
Tgt Ion:130 Resp: 41411

Ion Ratio Lower Upper

130 100

95 113.2 0.0 198.0

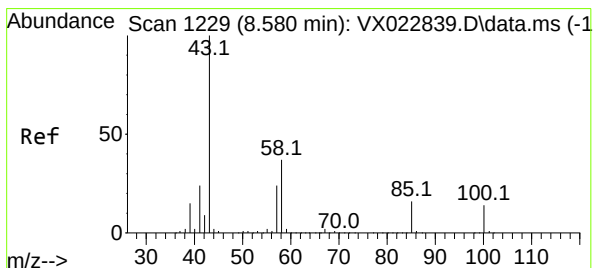
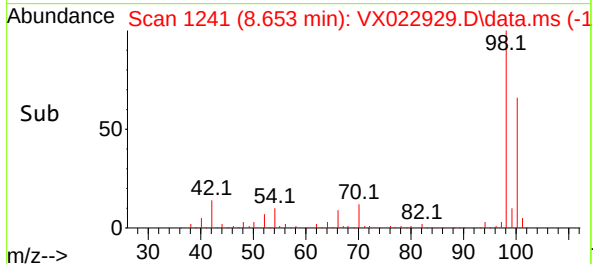
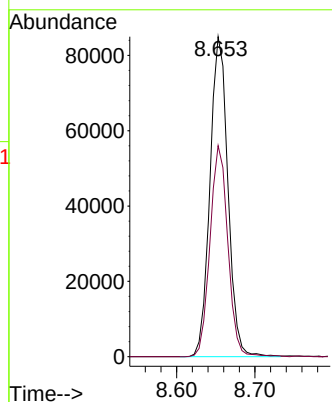
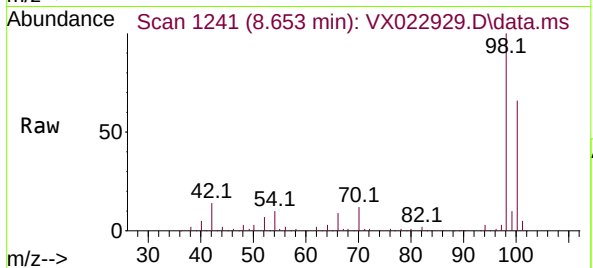




#50
Toluene-d8
Concen: 51.14 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

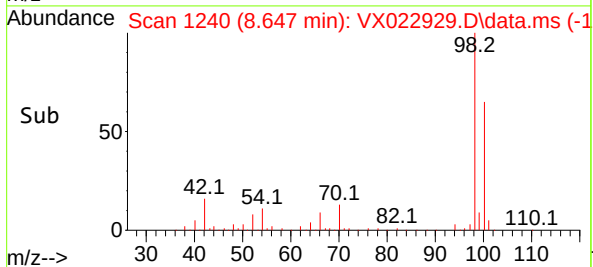
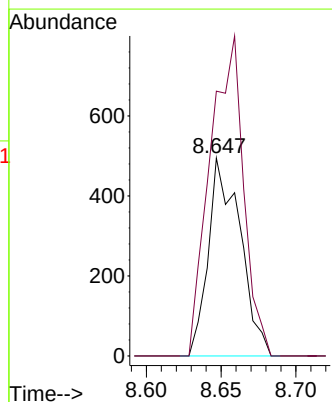
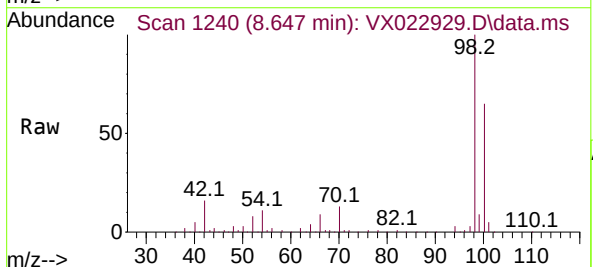
Instrument :
MSVOA_X
ClientSampled :

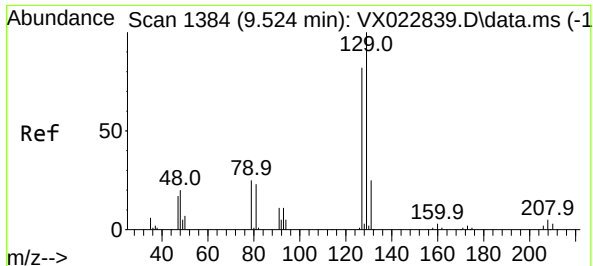
Tgt Ion: 98 Resp: 135125
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 170.5 35.4 53.0#

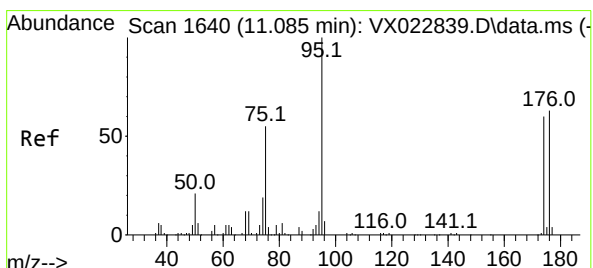
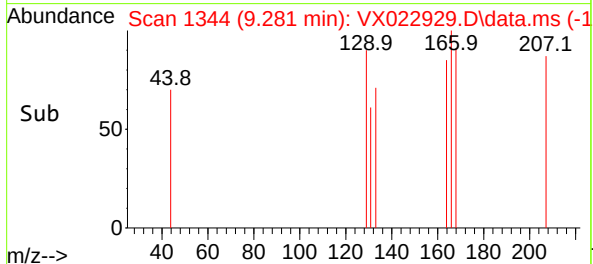
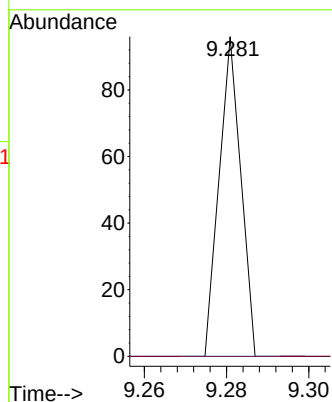
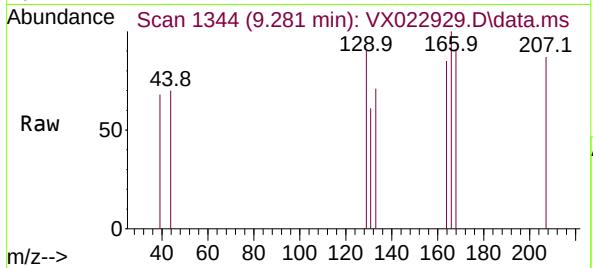




#60
Dibromochloromethane
Concen: 3.69 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

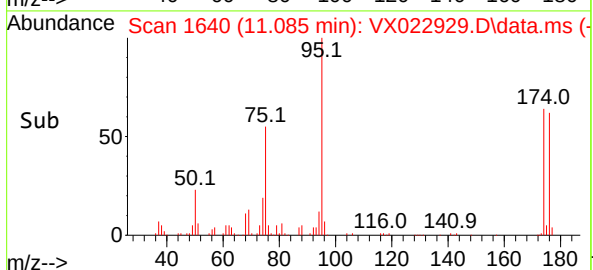
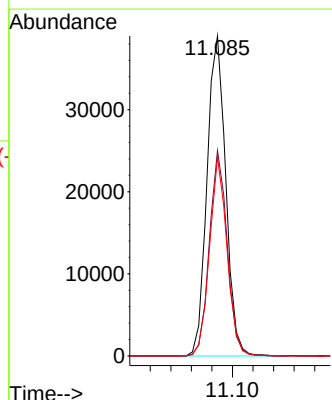
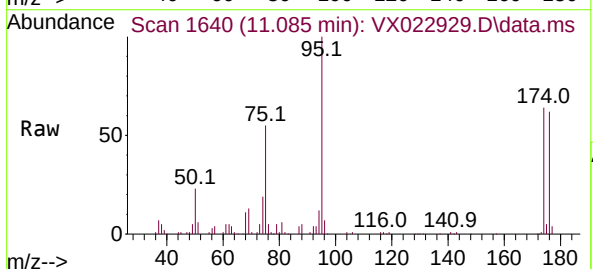
Instrument :
MSVOA_X
ClientSampleId :

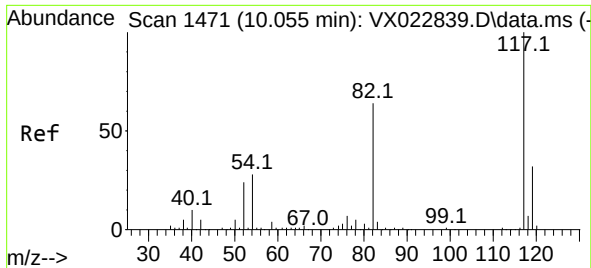
Tgt Ion:129 Resp: 35
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 95 Resp: 49286
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 58.0 0.0 155.8

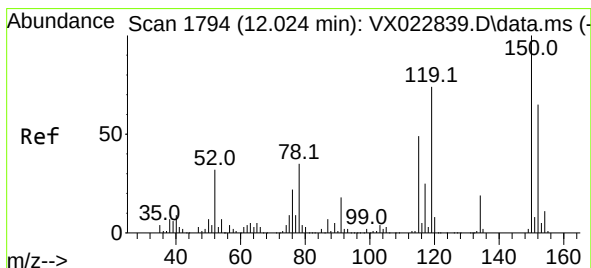
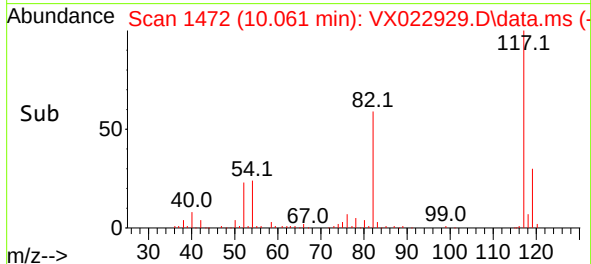
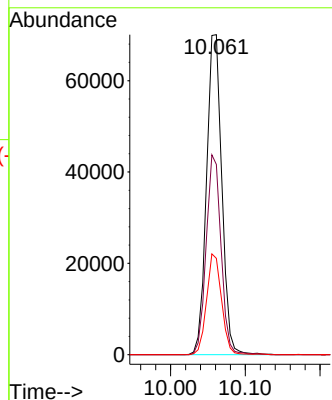
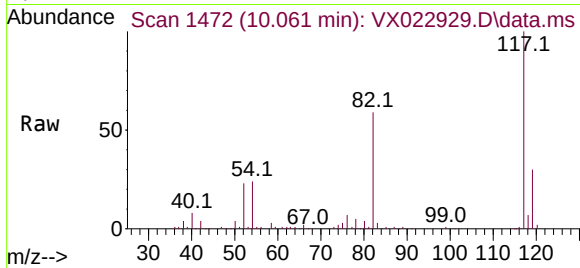




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

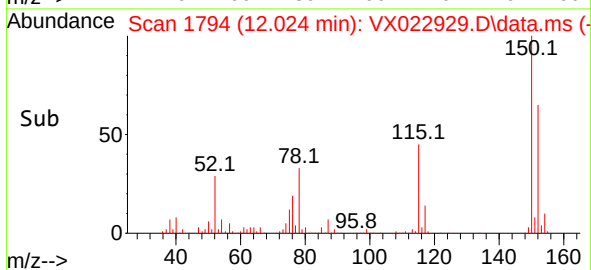
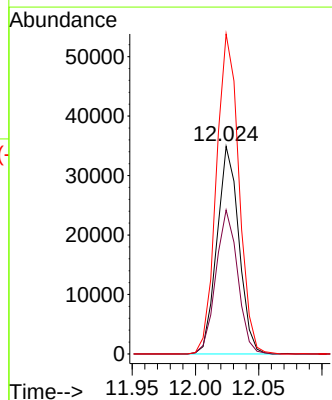
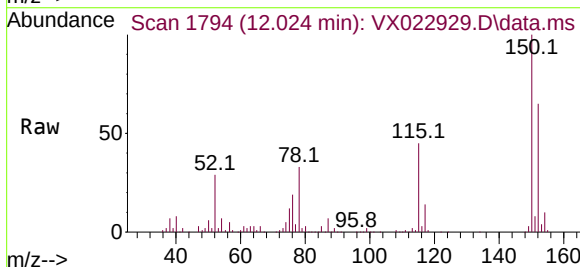
Instrument :
MSVOA_X
ClientSampleId :

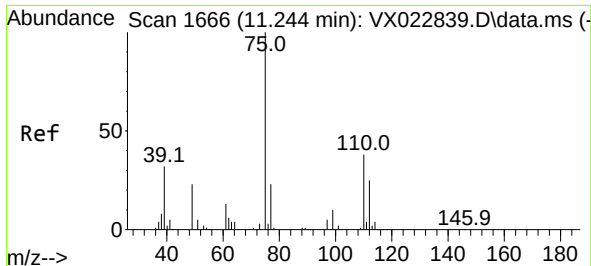
Tgt Ion:117 Resp: 99649
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 30.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion:152 Resp: 41975
Ion Ratio Lower Upper
152 100
115 68.9 41.1 123.3
150 158.1 0.0 349.0

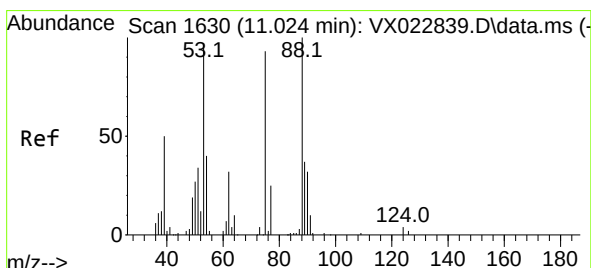
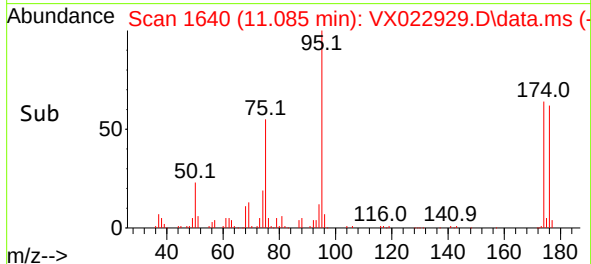
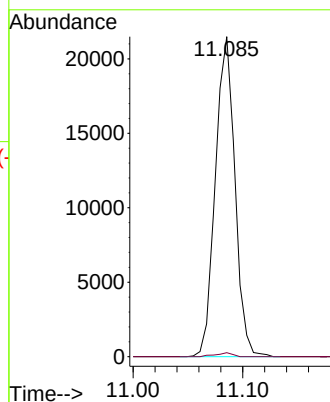
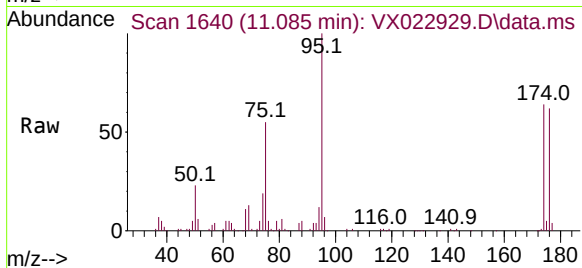




#76
1,2,3-Trichloropropane
Concen: 24.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 26687
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.06 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022929.D
Acq: 25 Jun 2021 17:37

Tgt Ion: 75 Resp: 26687
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

