

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023031.D
 Acq On : 30 Jun 2021 14:09
 Operator : JC/MD
 Sample : M2872-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:26:08 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)

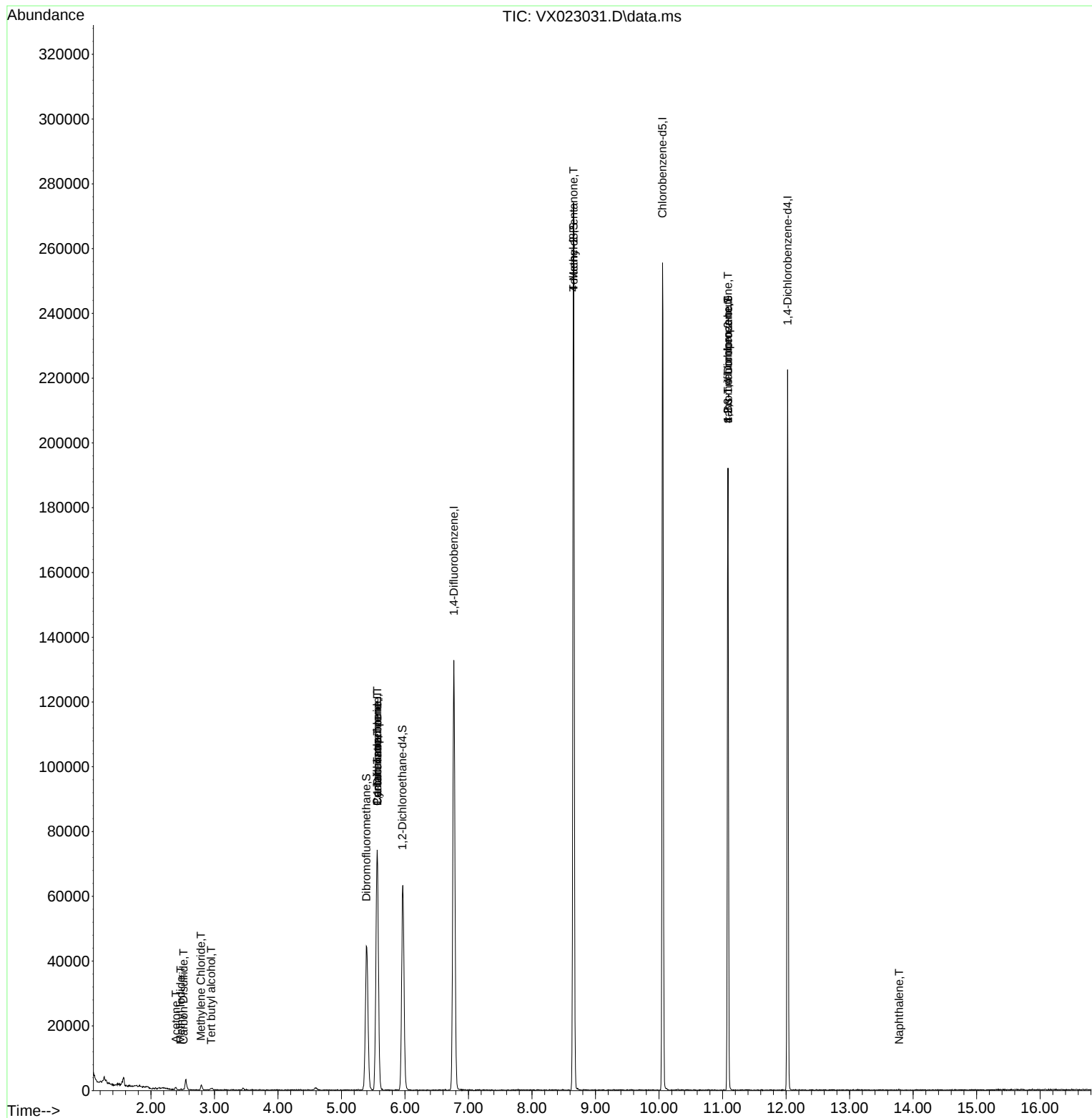
Internal Standards						
1) Pentafluorobenzene	5.562	168	58836	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	122077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61015	57.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	114.280%		
35) Dibromofluoromethane	5.391	113	37617	48.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	8.653	98	150266	49.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.085	95	50090	44.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.360%		
Target Compounds						
						Qvalue
10) Methyl Iodide	2.465	142	110	3.989	ug/l	# 42
11) Tert butyl alcohol	2.947	59	183	0.822	ug/l	# 73
16) Acetone	2.392	43	811	1.713	ug/l	# 63
17) Carbon Disulfide	2.514	76	113	3.566	ug/l	# 75
20) Methylene Chloride	2.788	84	595	1.001	ug/l	# 76
31) Cyclohexane	5.562	56	2045	1.357	ug/l	# 29
36) 1,1-Dichloropropene	5.562	75	6934	5.348	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7361	6.768	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.653	43	783	0.521	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28018	27.754	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28018	71.714	ug/l	# 12
95) Naphthalene	13.780	128	125	1.961	ug/l	# 69

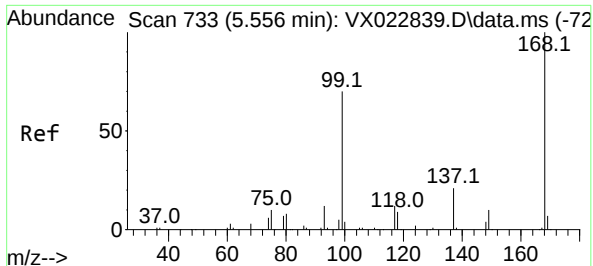
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Jul 01 03:26:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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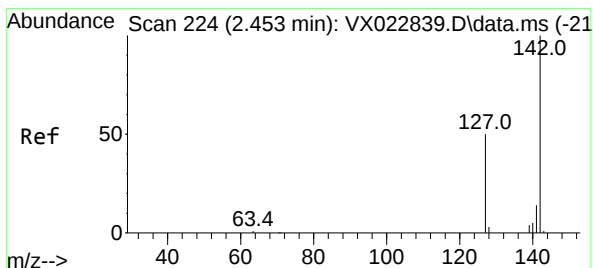
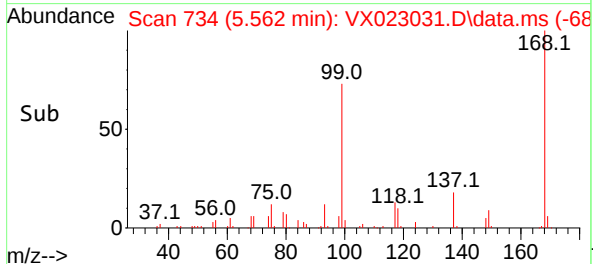
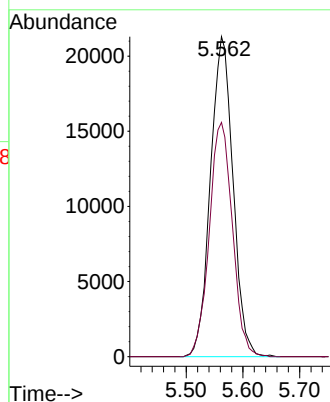
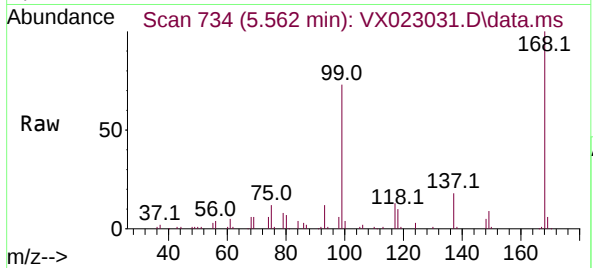




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

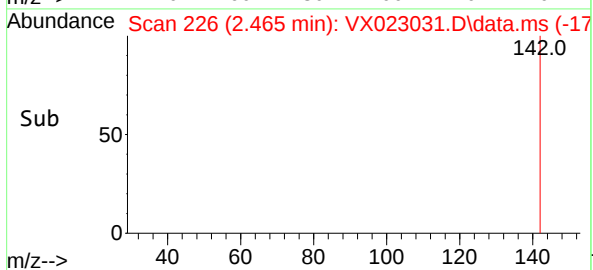
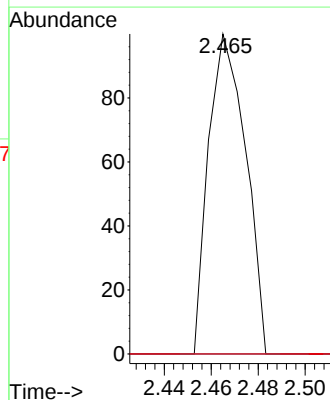
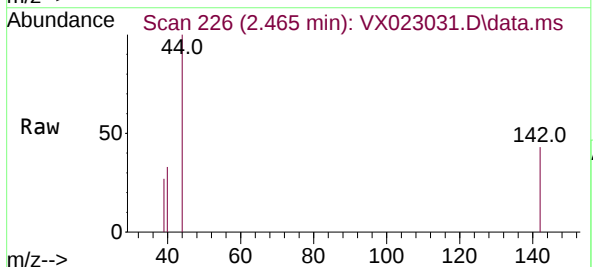
Instrument :
MSVOA_X
ClientSampleId :

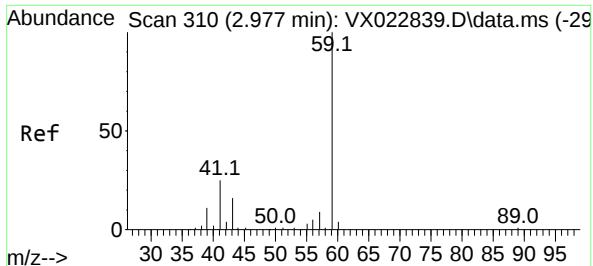
Tgt Ion:168 Resp: 58836
Ion Ratio Lower Upper
168 100
99 73.2 45.8 68.6#



#10
Methyl Iodide
Concen: 3.989 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



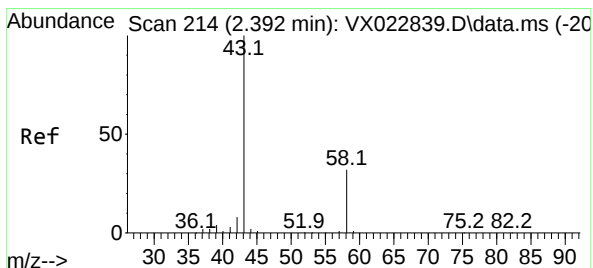
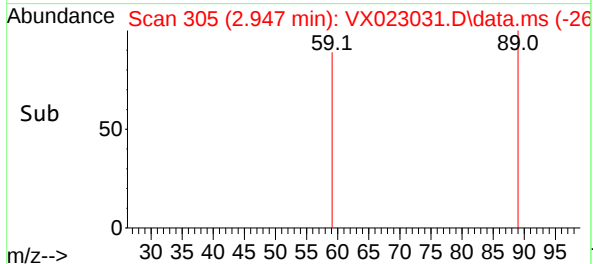
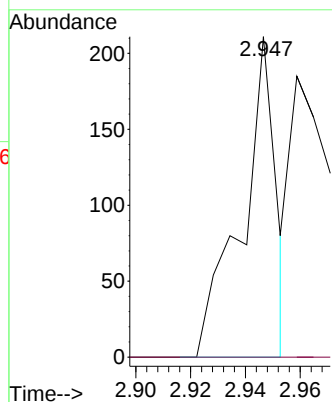
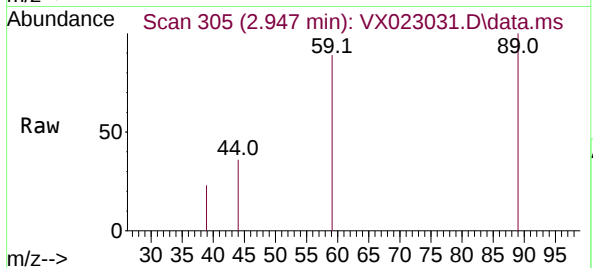


#11

Tert butyl alcohol
Concen: 0.822 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Instrument :
MSVOA_X
ClientSampled :

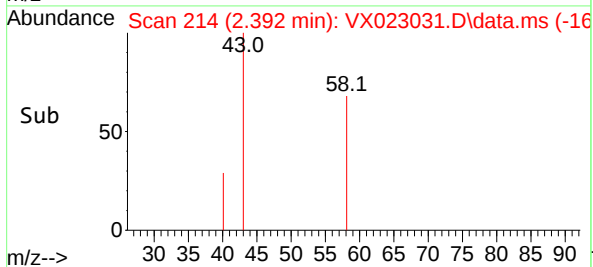
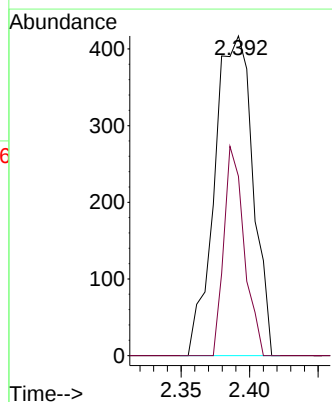
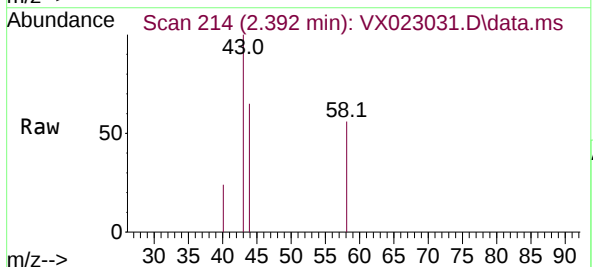
Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

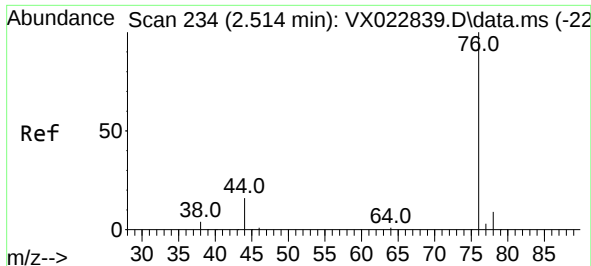


#16

Acetone
Concen: 1.713 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

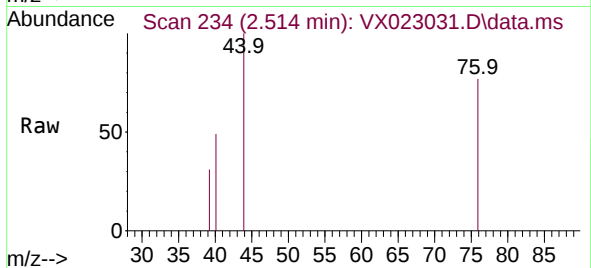
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 56.1 27.8 41.8#



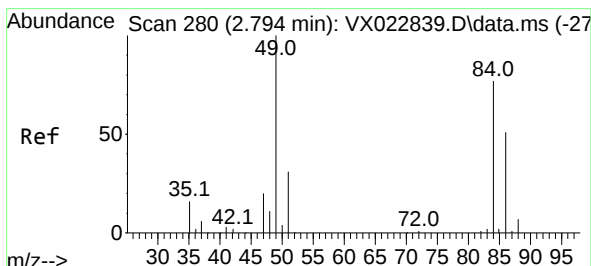
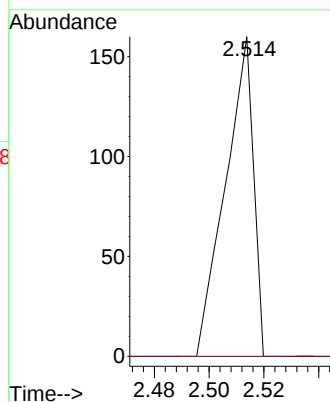
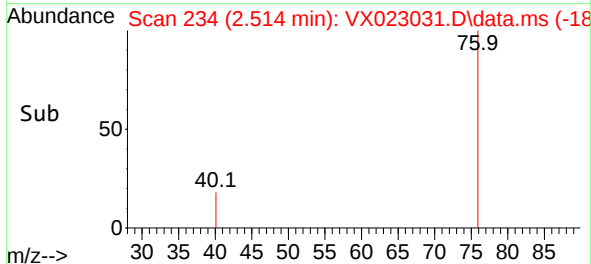


#17
Carbon Disulfide
Concen: 3.566 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

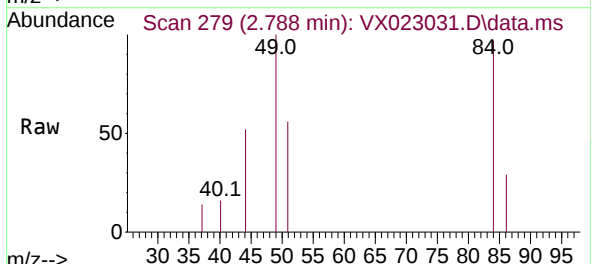
Instrument :
MSVOA_X
ClientSampled :



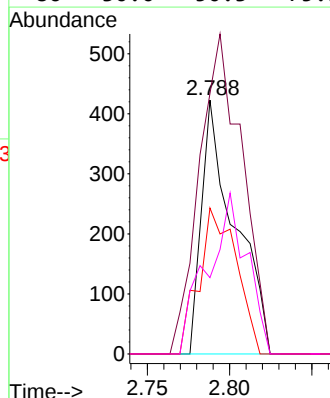
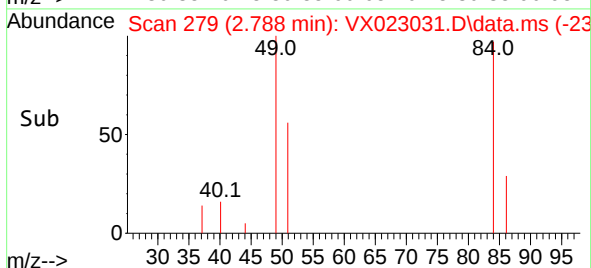
Tgt Ion: 76 Resp: 113
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

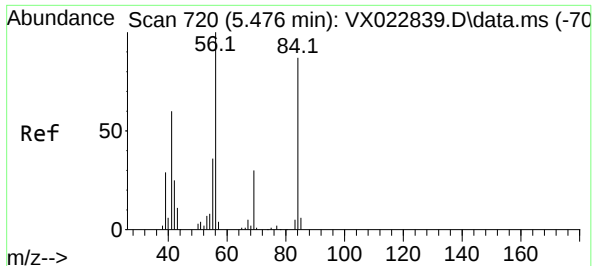


#20
Methylene Chloride
Concen: 1.001 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09



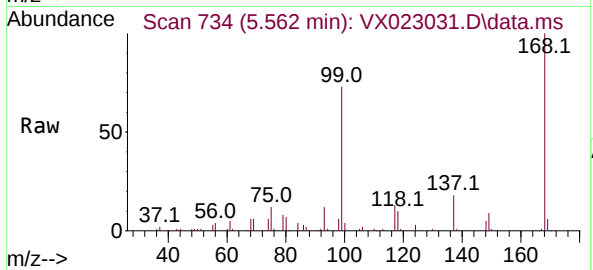
Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 102.6 88.6 132.8
51 57.4 27.0 40.6#
86 30.0 50.3 75.5#



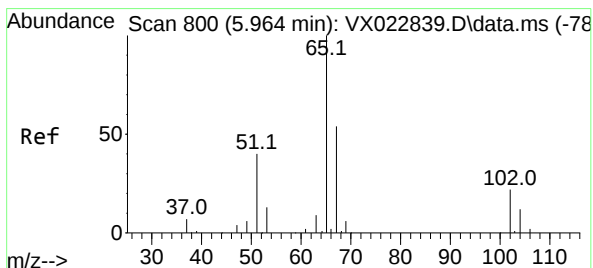
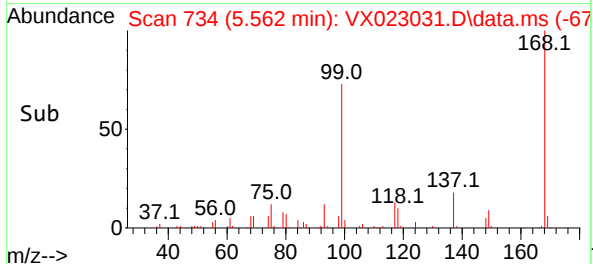
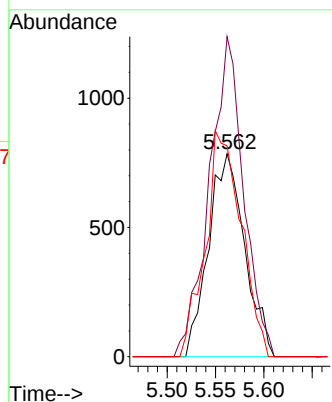


#31
Cyclohexane
Concen: 1.357 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Instrument :
MSVOA_X
ClientSampleId :

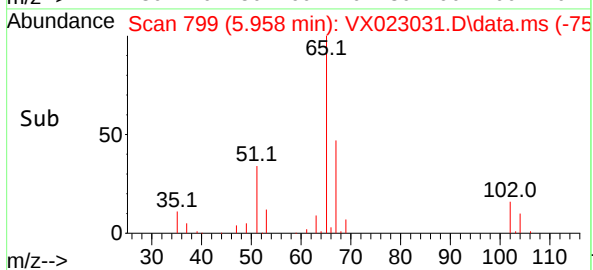
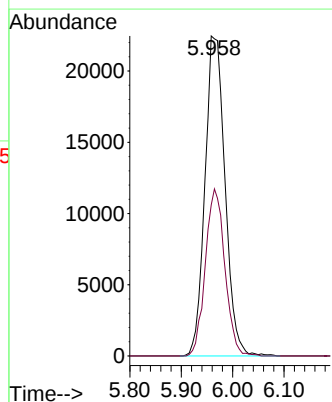
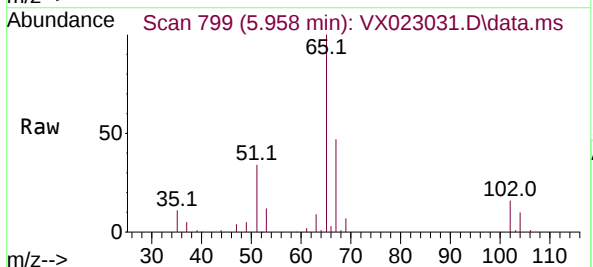


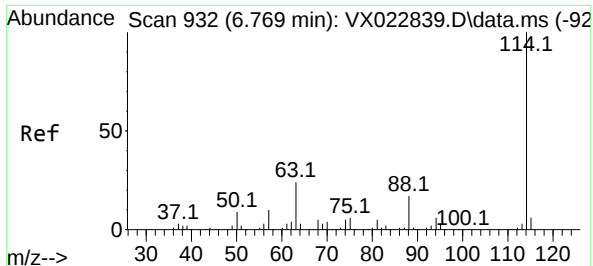
Tgt Ion: 56 Resp: 2045
Ion Ratio Lower Upper
56 100
69 157.7 25.3 37.9#
84 103.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 57.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion: 65 Resp: 61015
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

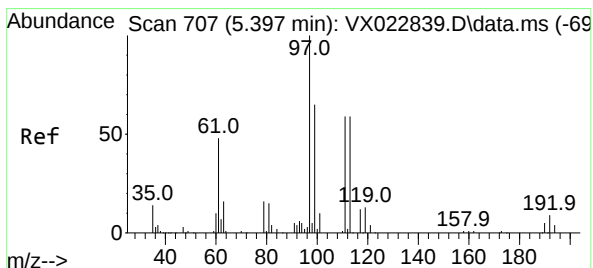
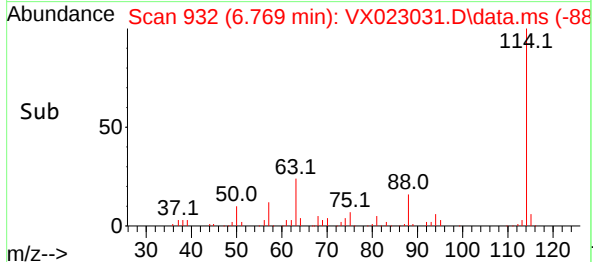
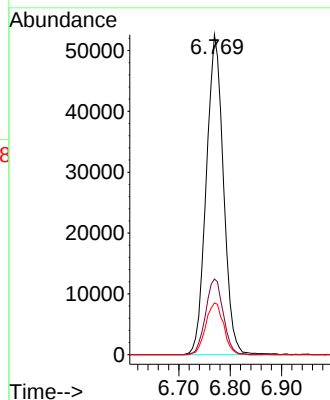
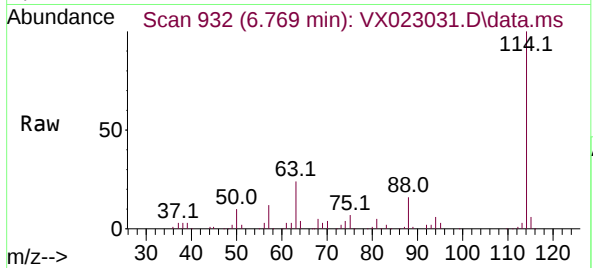




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

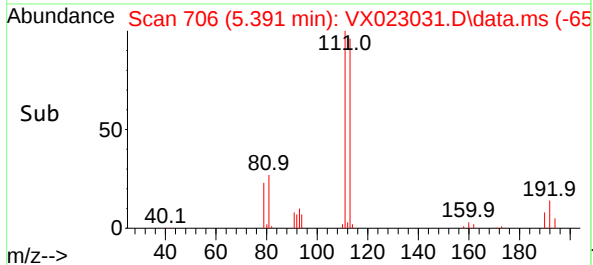
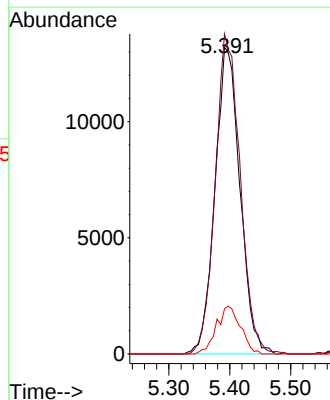
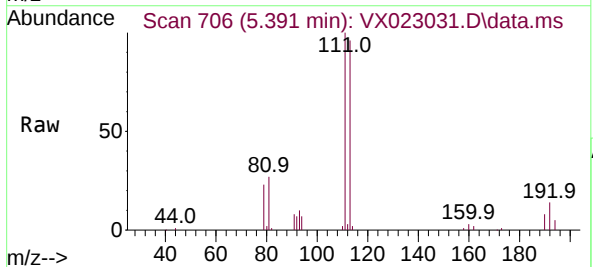
Instrument :
MSVOA_X
ClientSampled :

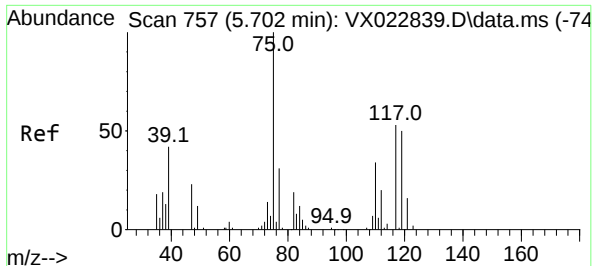
Tgt Ion:114 Resp: 122077
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.524 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion:113 Resp: 37617
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 15.0 16.7 25.1#

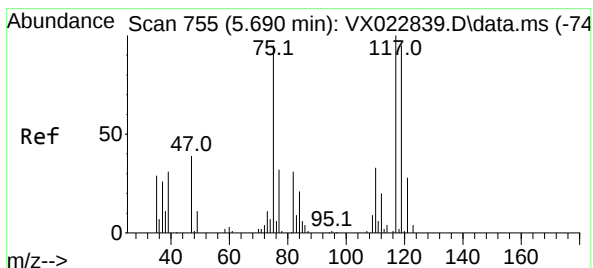
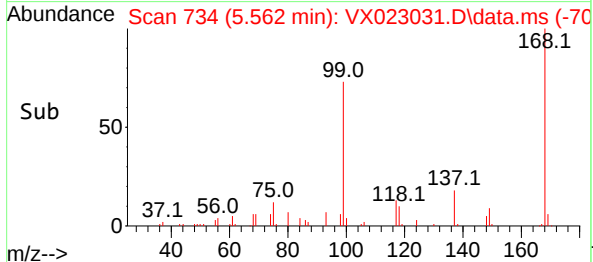
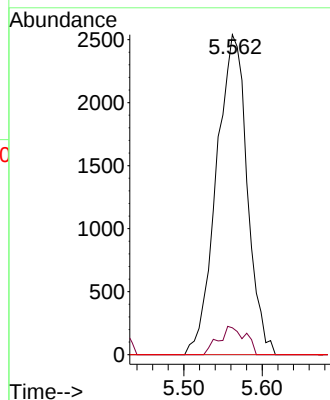
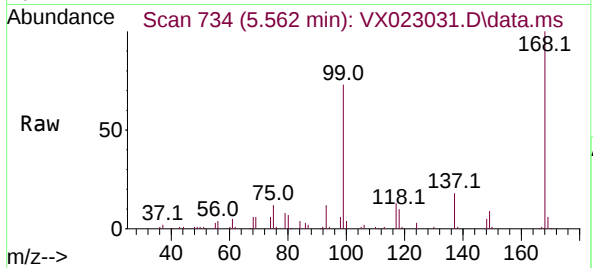




#36
1,1-Dichloropropene
Concen: 5.348 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

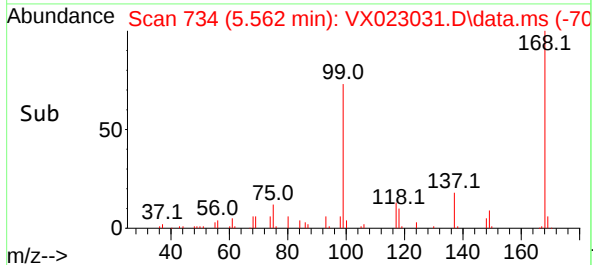
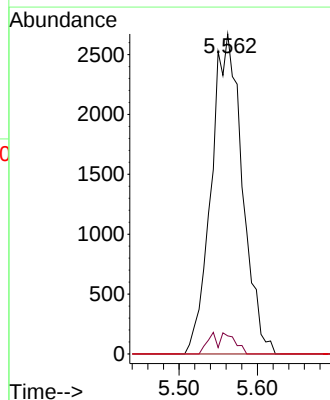
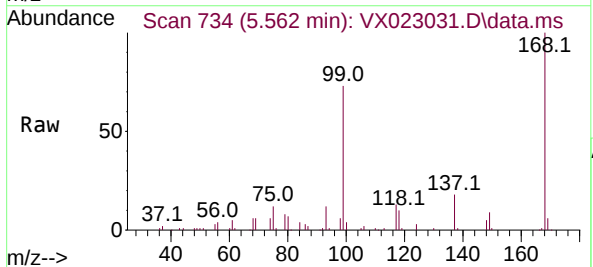
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MSVOA_X
ClientSampleId :

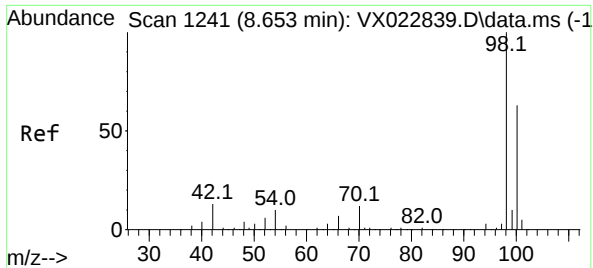
Tgt Ion: 75 Resp: 6934
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.768 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion: 117 Resp: 7361
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.458 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023031.D

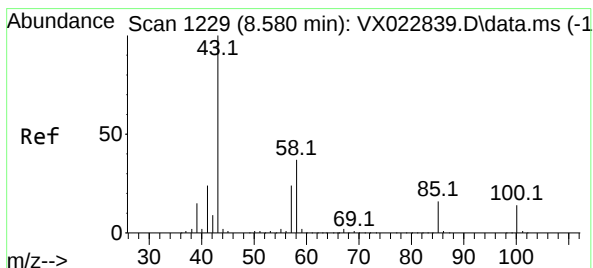
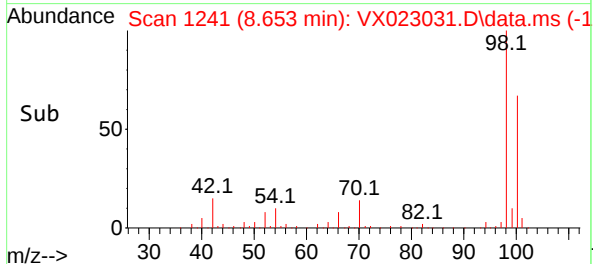
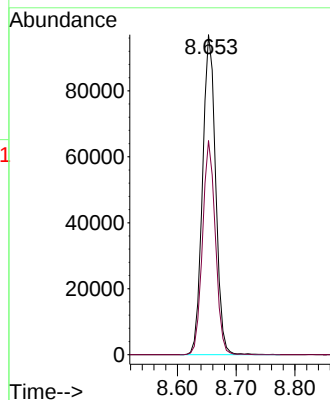
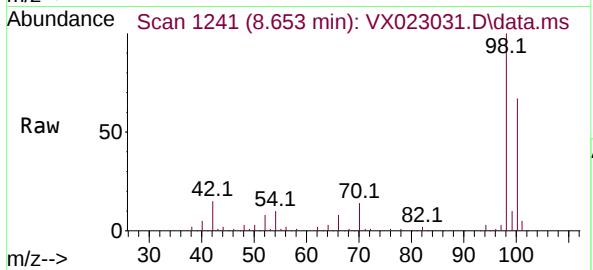
Acq: 30 Jun 2021 14:09

Tgt Ion: 98 Resp: 150266

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.521 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023031.D

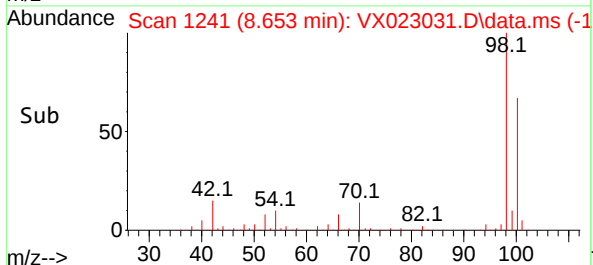
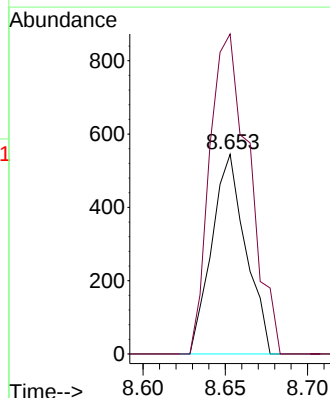
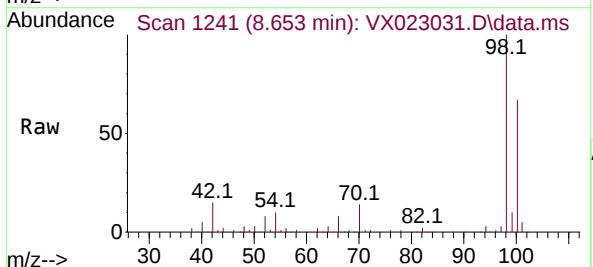
Acq: 30 Jun 2021 14:09

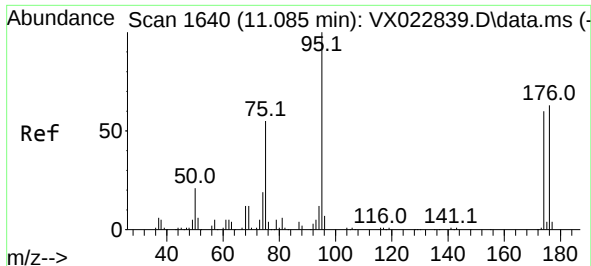
Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

58 186.0 35.4 53.0#

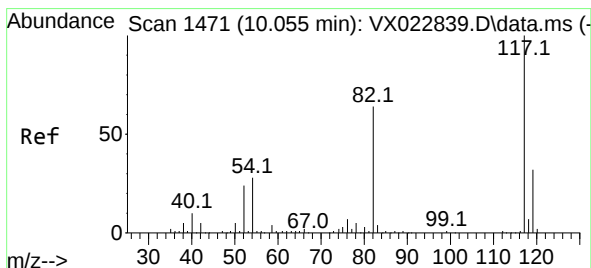
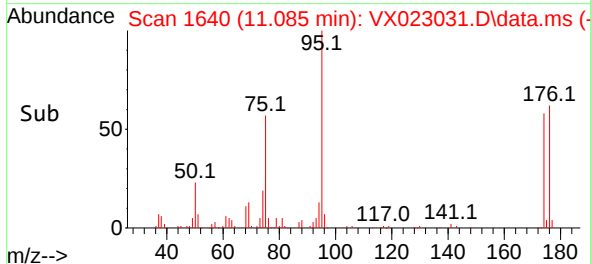
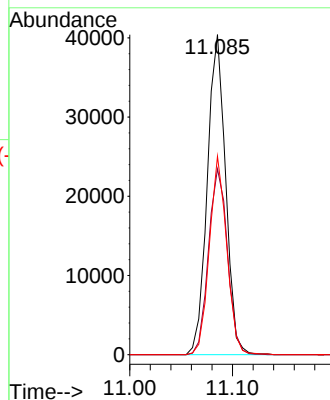
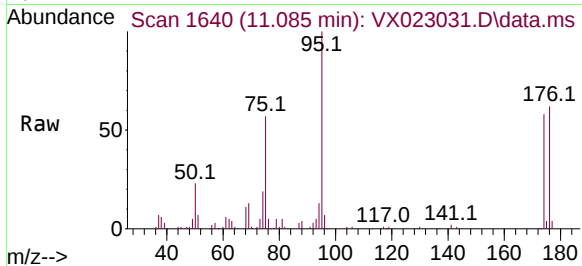




#62
4-Bromofluorobenzene
Concen: 44.175 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

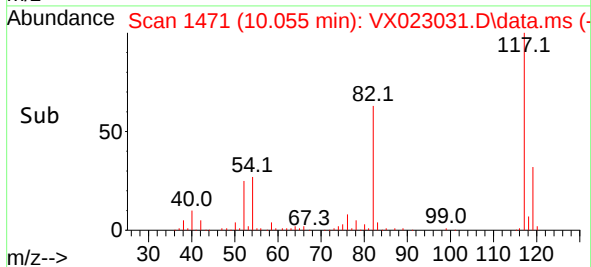
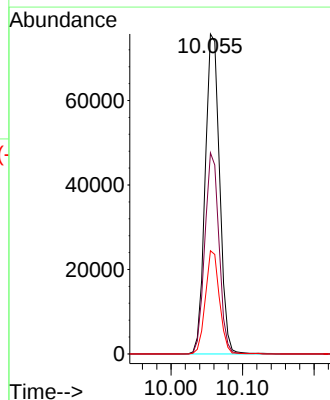
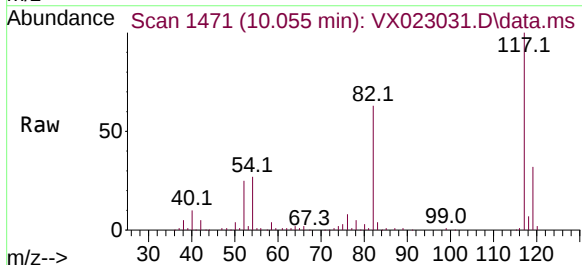
Instrument :
MSVOA_X
ClientSampleId :

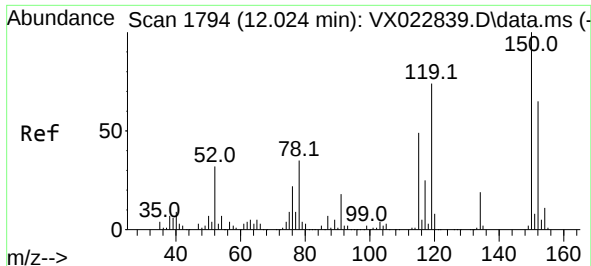
Tgt Ion: 95 Resp: 50090
Ion Ratio Lower Upper
95 100
174 60.1 0.0 154.6
176 58.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion: 117 Resp: 106407
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 32.3 26.6 39.8

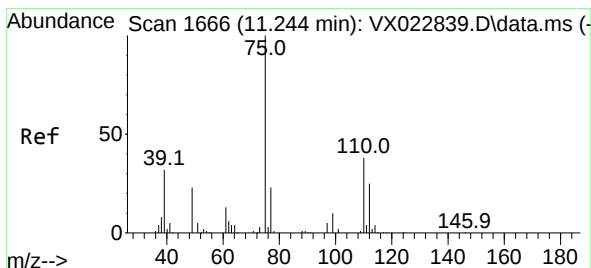
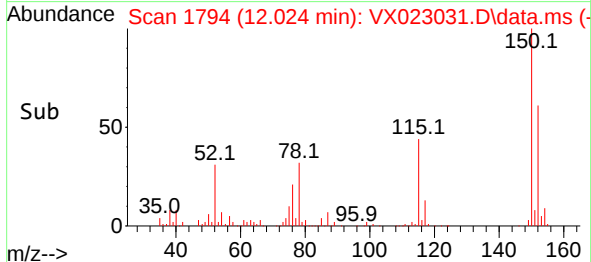
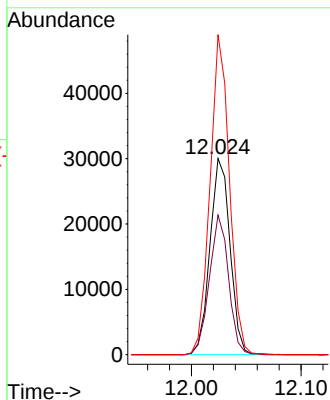
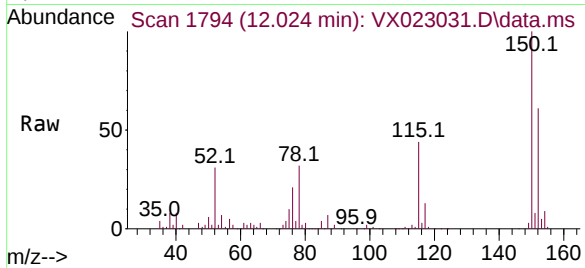




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

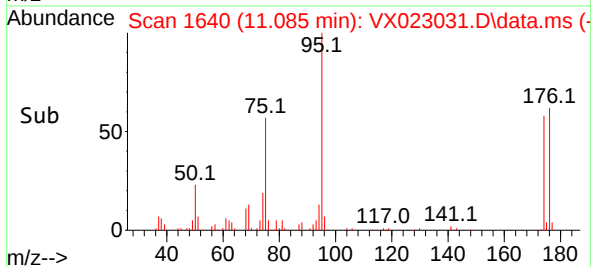
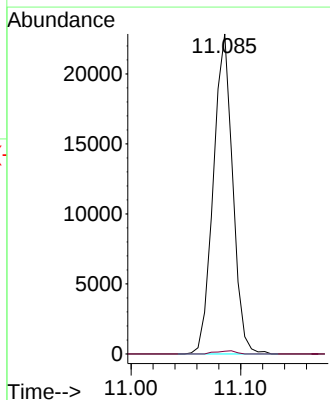
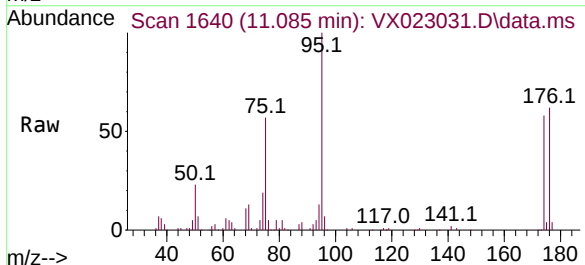
Instrument :
MSVOA_X
ClientSampleId :

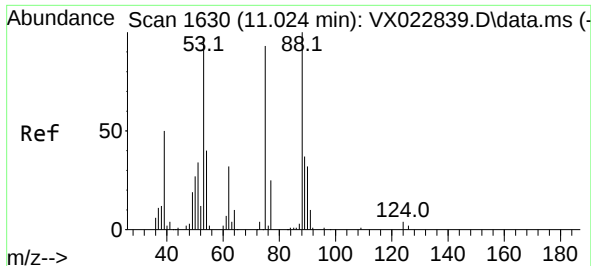
Tgt Ion:152 Resp: 38219
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.754 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion: 75 Resp: 28018
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

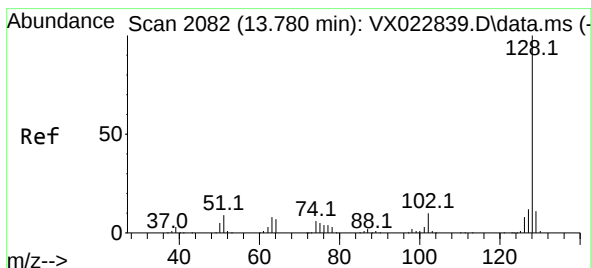
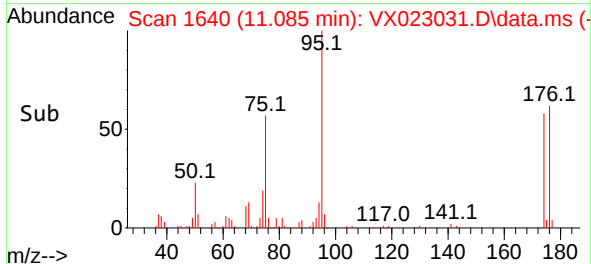
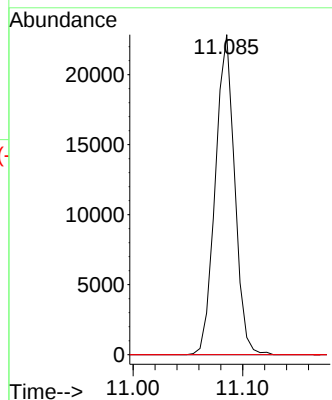
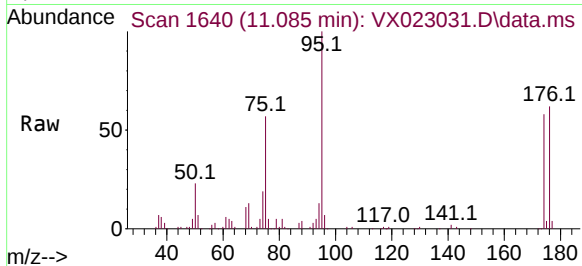




#81
trans-1,4-Dichloro-2-butene
Concen: 71.714 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28018
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.961 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023031.D
Acq: 30 Jun 2021 14:09

Tgt Ion:128 Resp: 125
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

