

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021261.D
 Acq On : 17 Mar 2021 10:30
 Operator : JC/MD
 Sample : VX0317WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 18 03:50:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

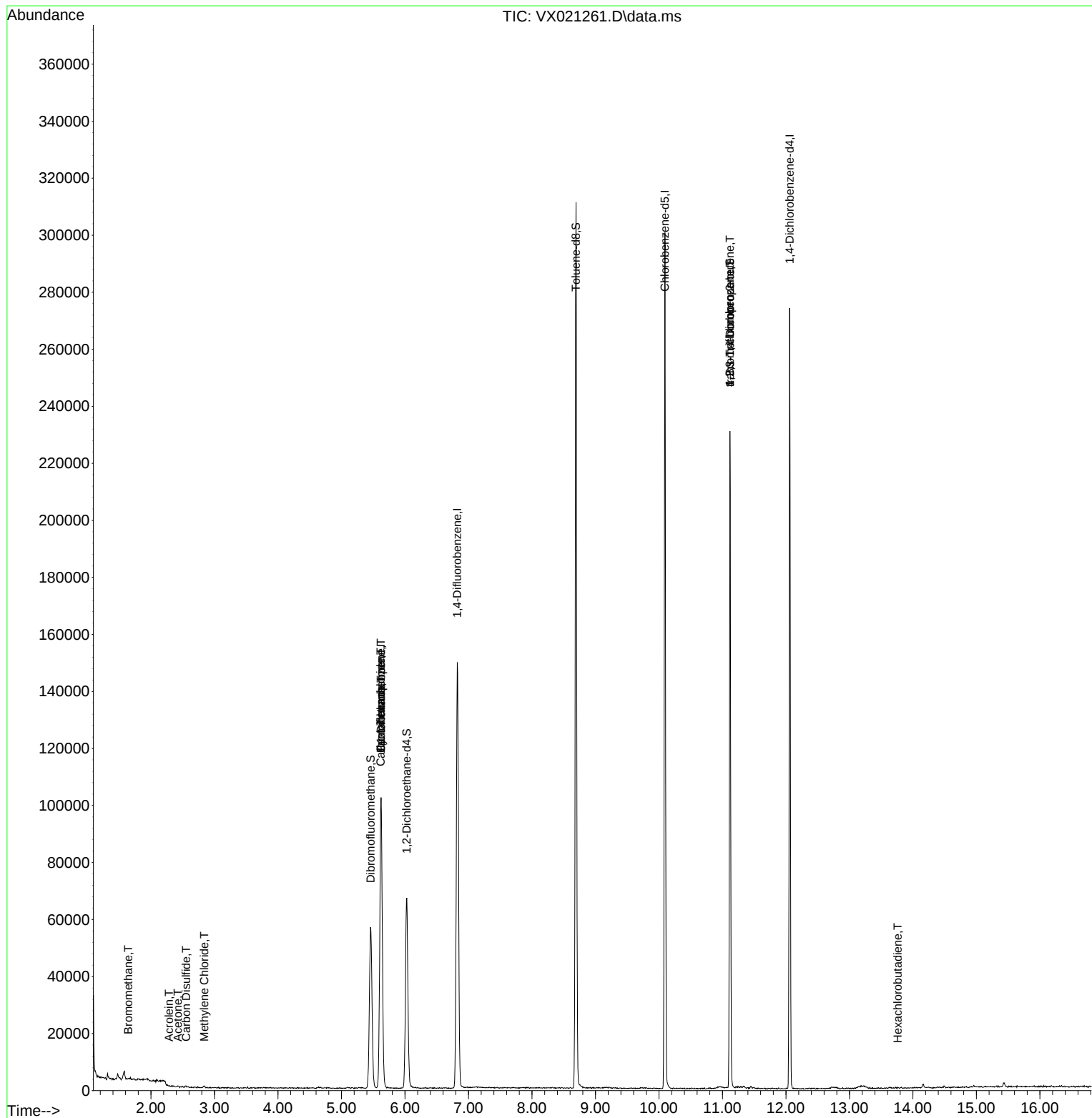
Internal Standards						
1) Pentafluorobenzene	5.623	168	88092	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.823	114	142277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66855	46.27	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.54%
35) Dibromofluoromethane	5.458	113	47952	49.53	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.06%
50) Toluene-d8	8.694	98	172330	49.06	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.12%
62) 4-Bromofluorobenzene	11.118	95	60032	44.01	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.02%
Target Compounds						
						Qvalue
3) Chloromethane	1.316	50	2270	Below Cal		98
5) Bromomethane	1.640	94	179	0.38 ug/l	#	69
13) Acrolein	2.281	56	27	3.31 ug/l	#	1
16) Acetone	2.422	43	662	1.25 ug/l	#	40
17) Carbon Disulfide	2.552	76	471	0.71 ug/l	#	75
20) Methylene Chloride	2.840	84	254	0.23 ug/l	#	72
31) Cyclohexane	5.623	56	2505	1.43 ug/l	#	14
36) 1,1-Dichloropropene	5.623	75	7722	5.39 ug/l	#	50
38) Carbon Tetrachloride	5.617	117	9449	6.35 ug/l	#	16
49) 1,4-Dioxane	7.717	88	20	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.118	75	33166	28.65 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.118	75	33166	77.78 ug/l	#	12
94) Hexachlorobutadiene	13.759	225	116	0.27 ug/l	#	53

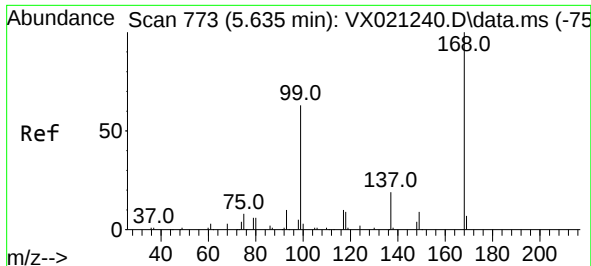
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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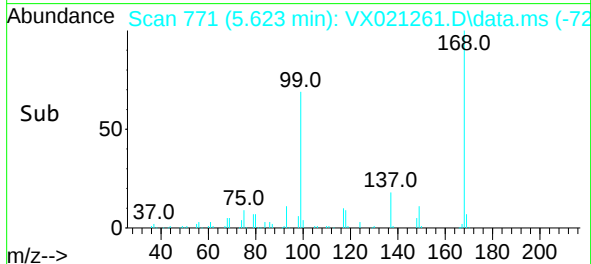
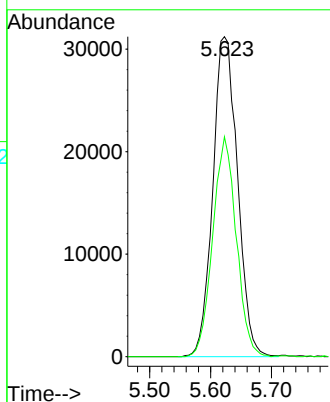
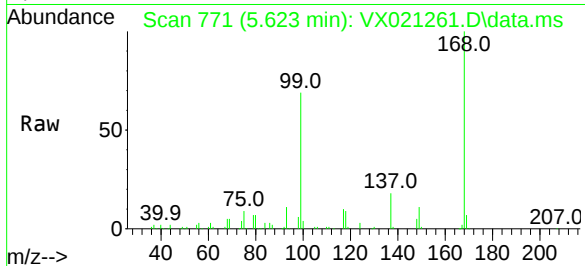




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

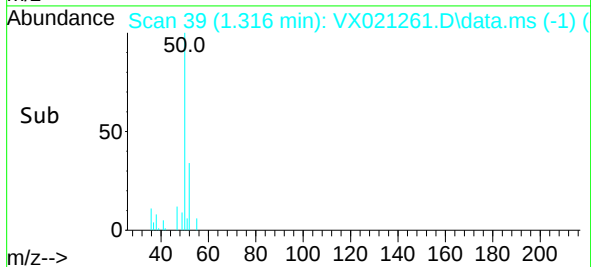
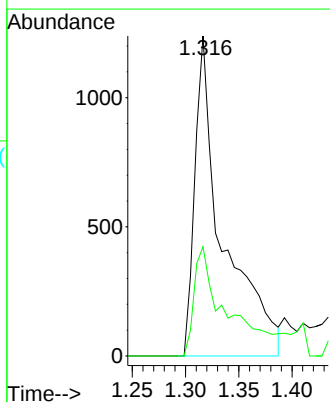
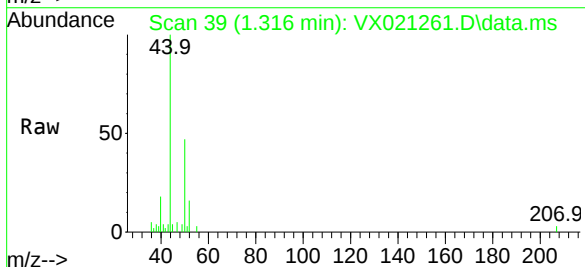
Instrument :
MSVOA_X
ClientSampleId :

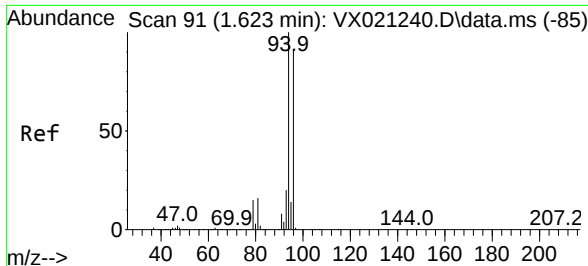
Tgt Ion:168 Resp: 88092
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

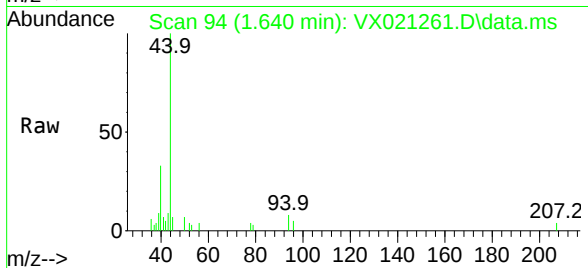
Tgt Ion: 50 Resp: 2270
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6



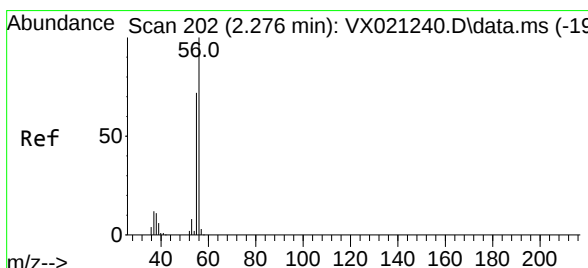
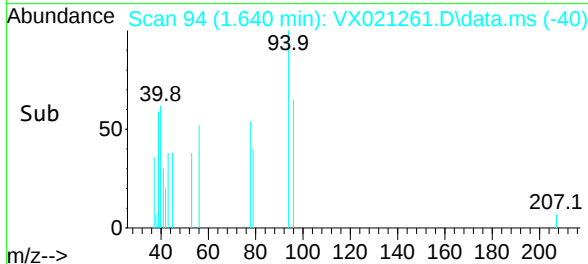
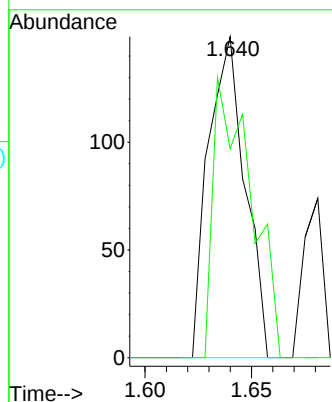


#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Instrument :
MSVOA_X
ClientSampled :

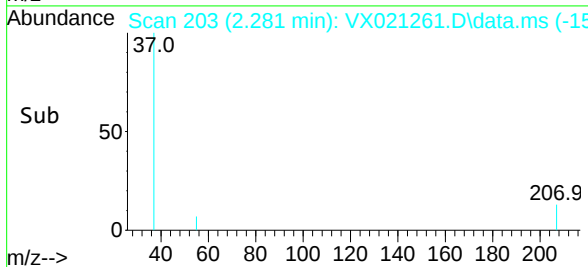
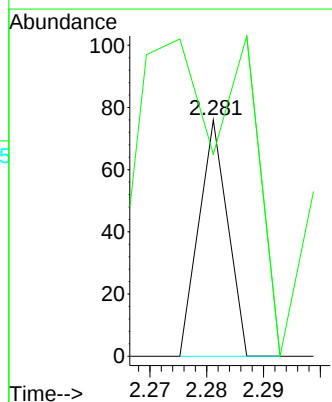
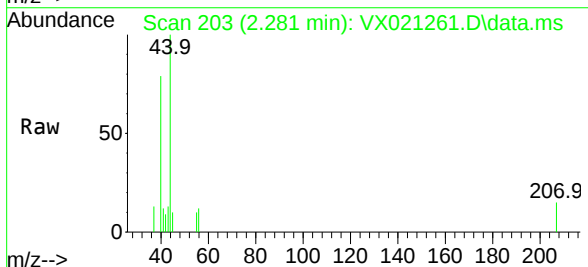


Tgt Ion: 94 Resp: 179
Ion Ratio Lower Upper
94 100
96 65.1 76.4 114.6#



#13
Acrolein
Concen: 3.31 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 481.5 56.4 84.6#

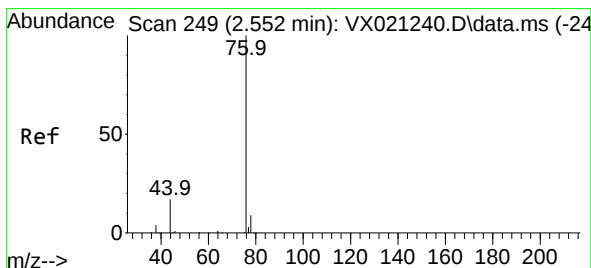
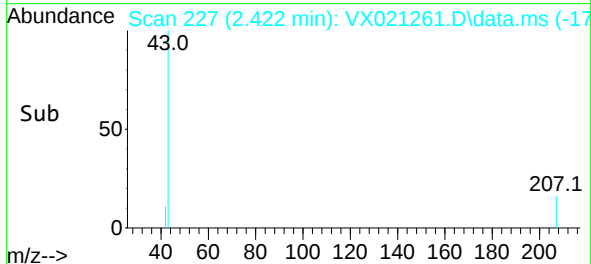
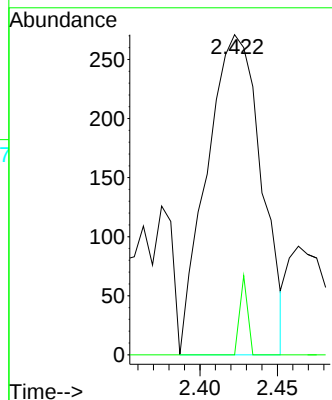
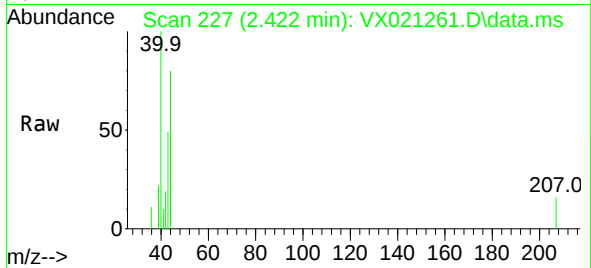




#16
Acetone
Concen: 1.25 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

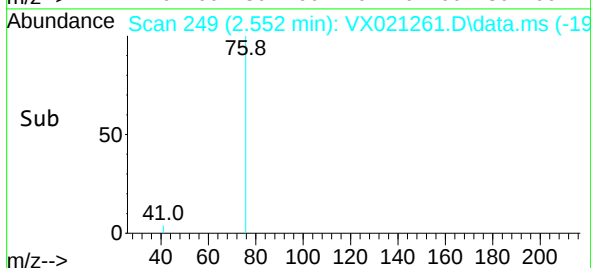
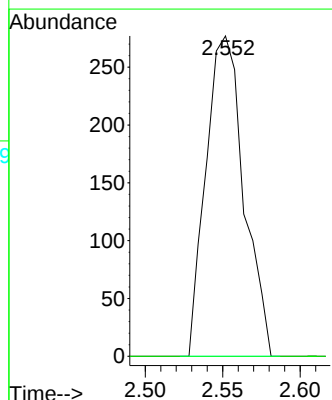
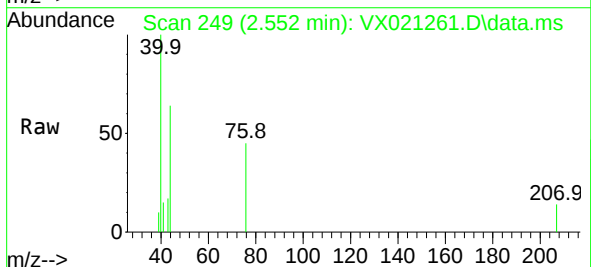
Instrument :
MSVOA_X
ClientSampled :

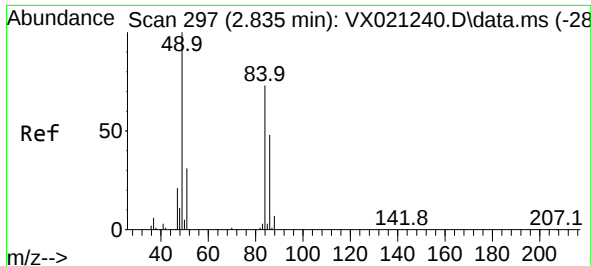
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.71 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

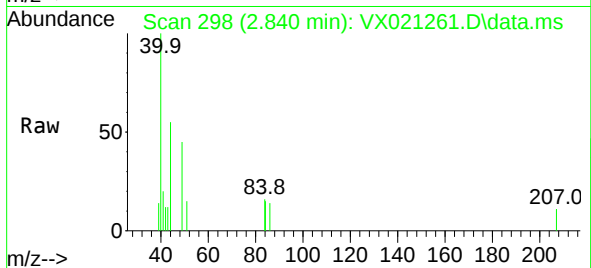
Tgt Ion: 76 Resp: 471
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



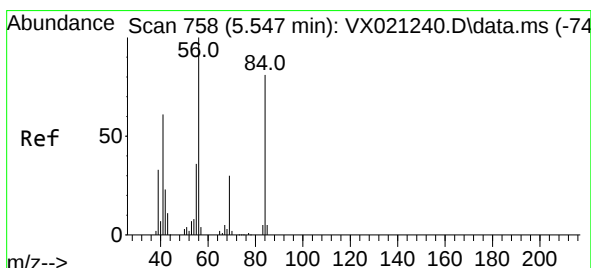
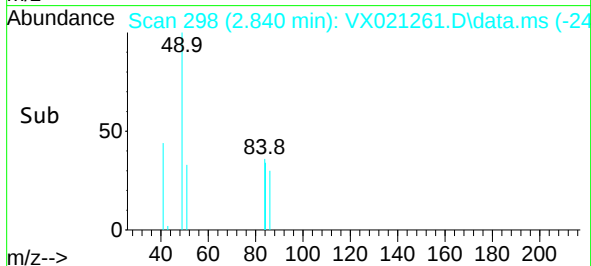
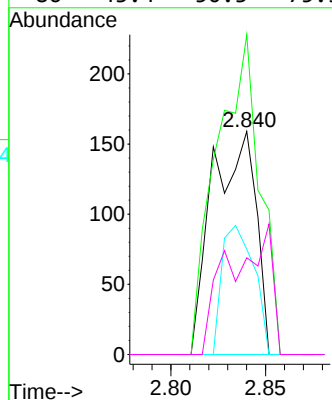


#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Instrument :
MSVOA_X
ClientSampleId :

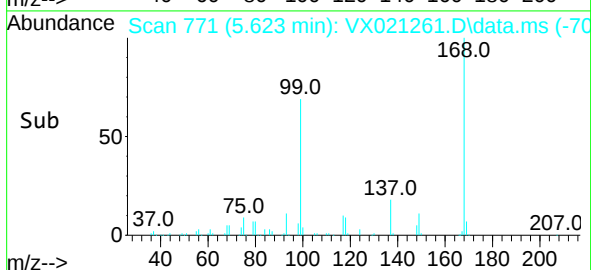
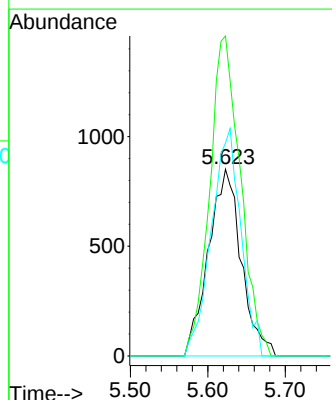
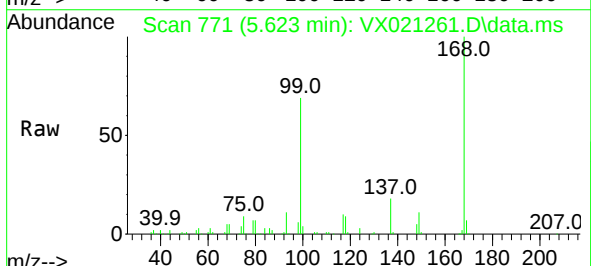


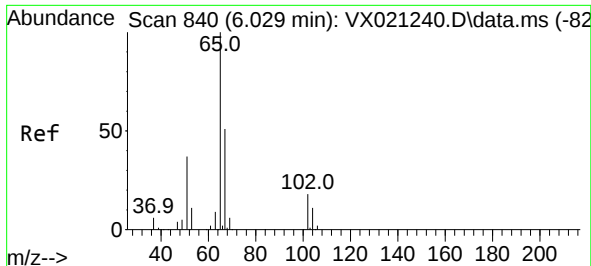
Tgt Ion:	84	Resp:	254
Ion	Ratio	Lower	Upper
84	100		
49	143.4	88.6	132.8#
51	47.2	27.0	40.6#
86	43.4	50.3	75.5#



#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Tgt Ion:	56	Resp:	2505
Ion	Ratio	Lower	Upper
56	100		
69	171.4	25.3	37.9#
84	114.1	71.4	107.0#

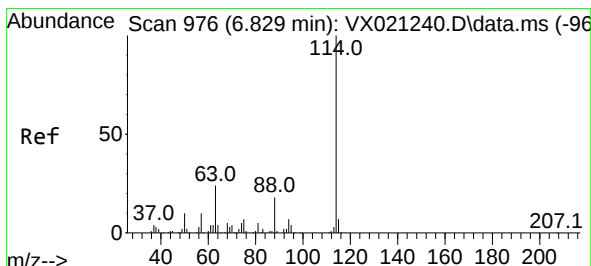
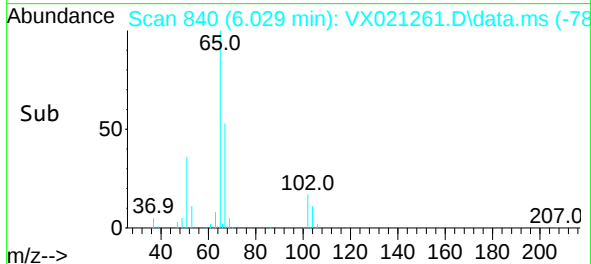
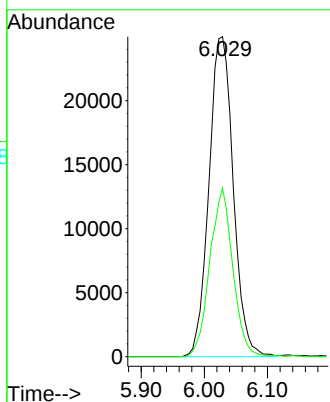
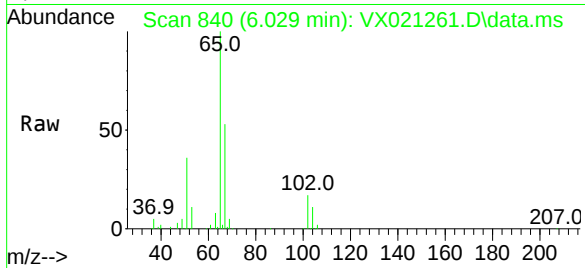




#33
 1,2-Dichloroethane-d4
 Concen: 46.27 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021261.D
 Acq: 17 Mar 2021 10:30

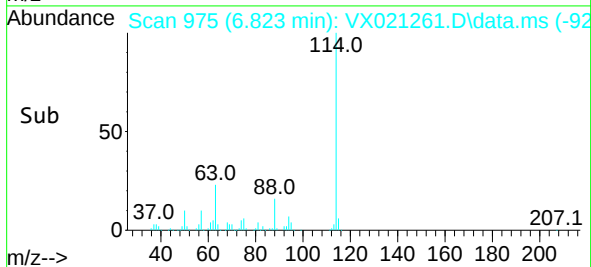
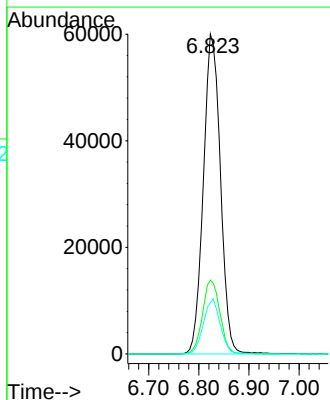
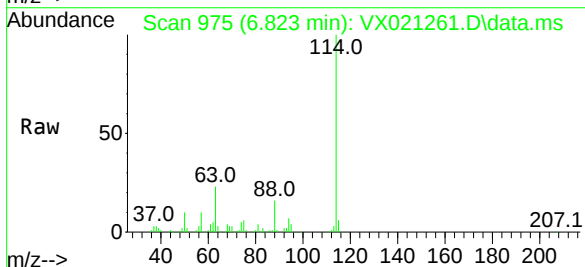
Instrument :
 MSVOA_X
 ClientSampled :

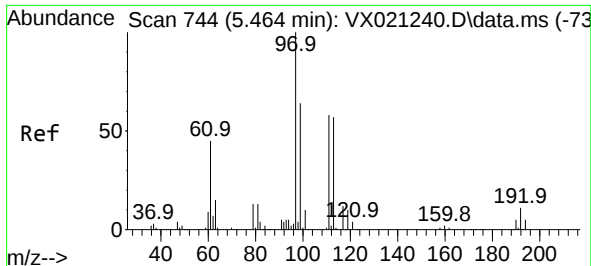
Tgt Ion: 65 Resp: 66855
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.823 min Scan# 975
 Delta R.T. -0.006 min
 Lab File: VX021261.D
 Acq: 17 Mar 2021 10:30

Tgt Ion: 114 Resp: 142277
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 40.8
 88 16.1 0.0 32.8

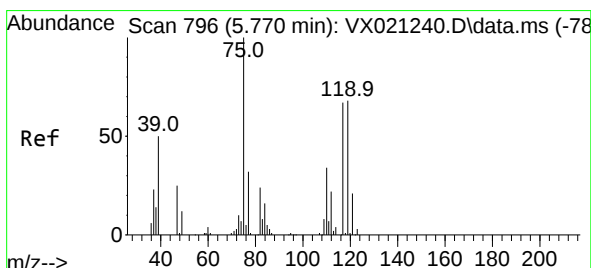
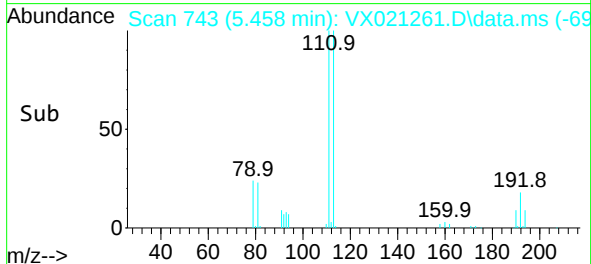
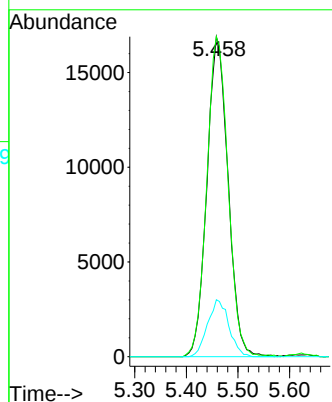
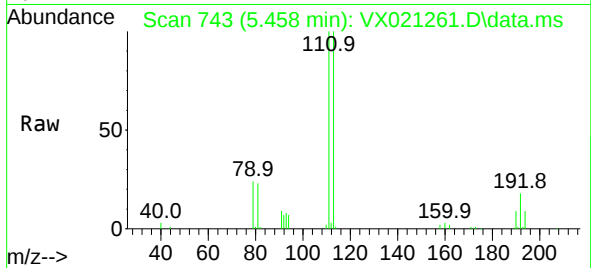




#35
Dibromofluoromethane
Concen: 49.53 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

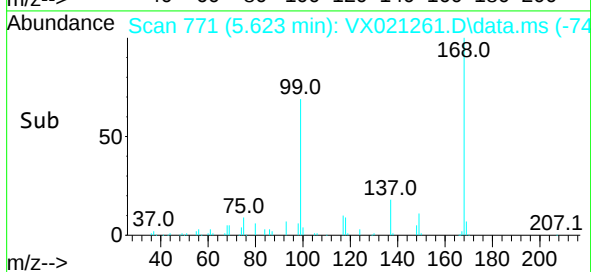
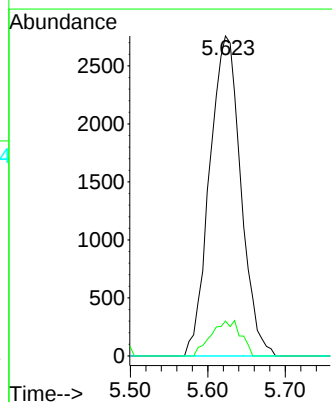
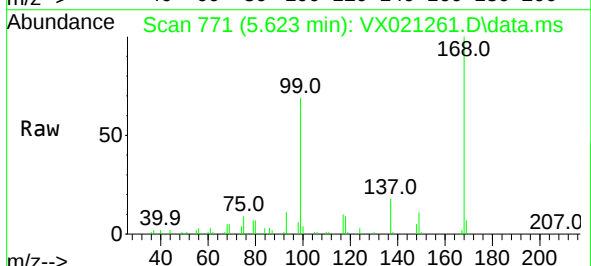
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ClientSampleId :

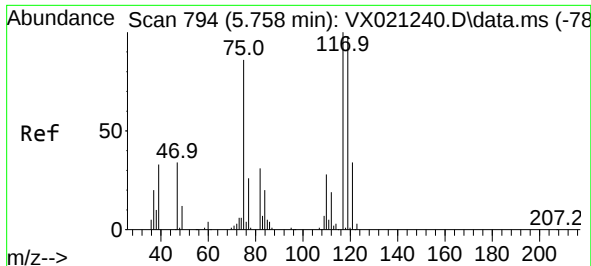
Tgt Ion:113 Resp: 47952
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 17.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.39 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

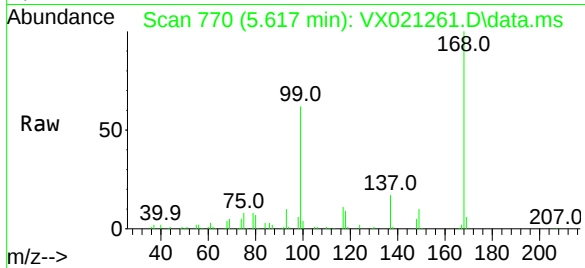
Tgt Ion: 75 Resp: 7722
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



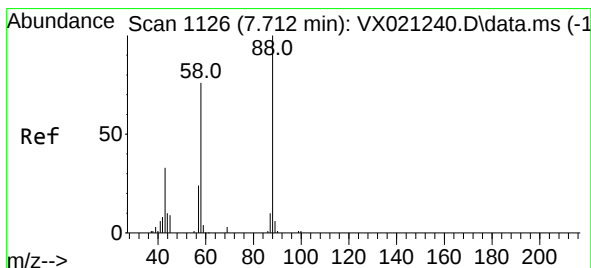
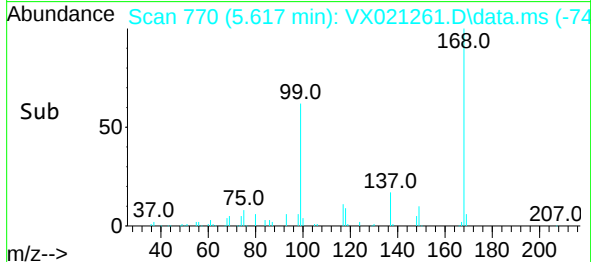
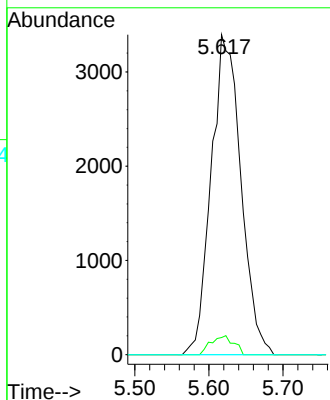


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.141 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Instrument :
MSVOA_X
ClientSampled :

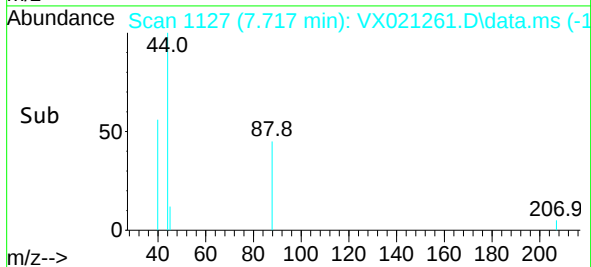
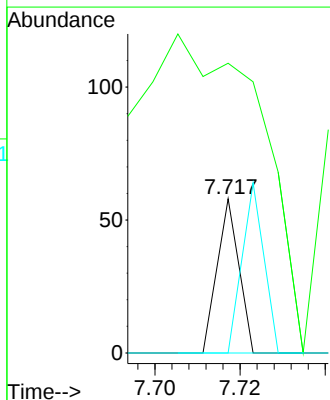
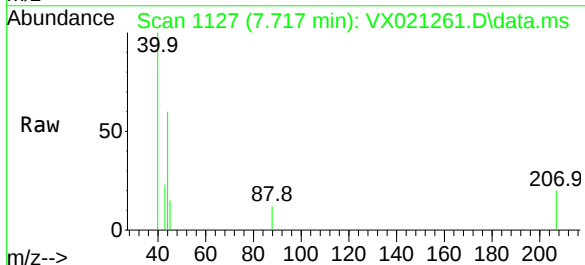


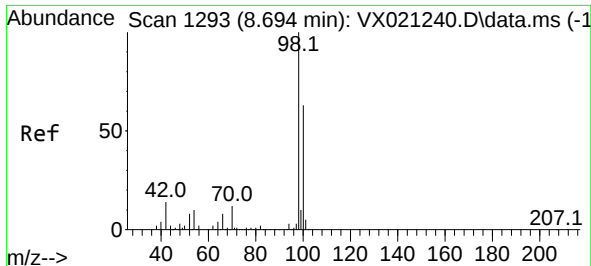
Tgt Ion:117 Resp: 9449
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 1225.0 23.2 34.8#
58 115.0 55.0 82.4#

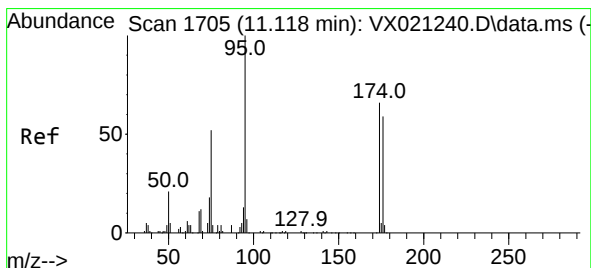
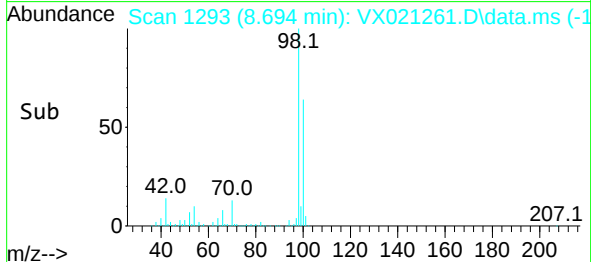
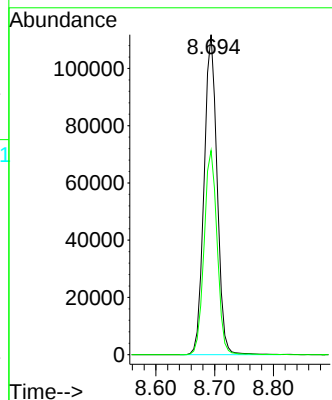
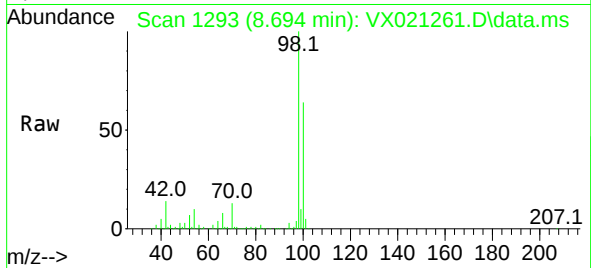




#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

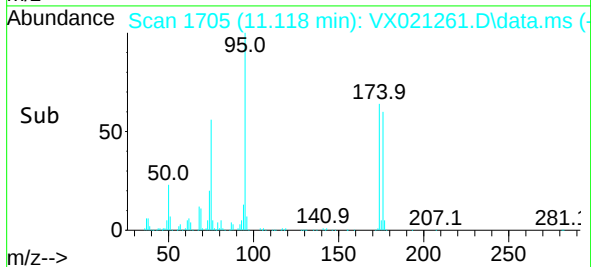
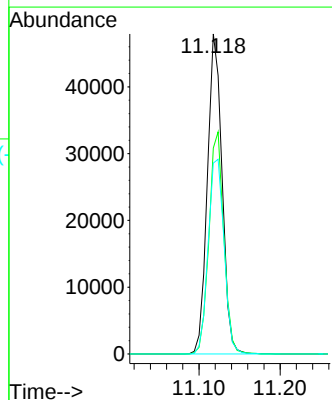
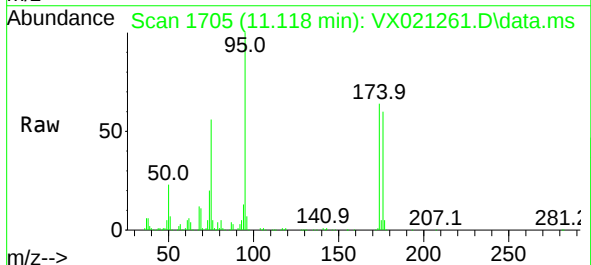
Instrument :
MSVOA_X
ClientSampled :

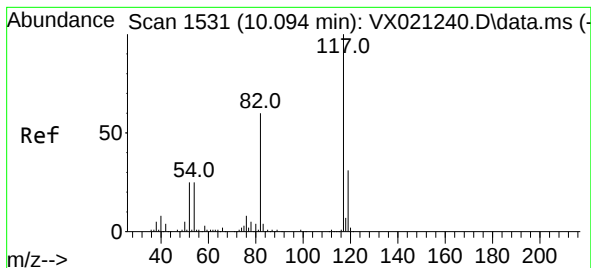
Tgt Ion: 98 Resp: 172330
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Tgt Ion: 95 Resp: 60032
Ion Ratio Lower Upper
95 100
174 69.7 0.0 154.6
176 66.0 0.0 155.8

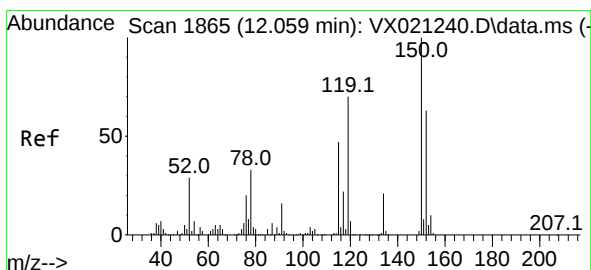
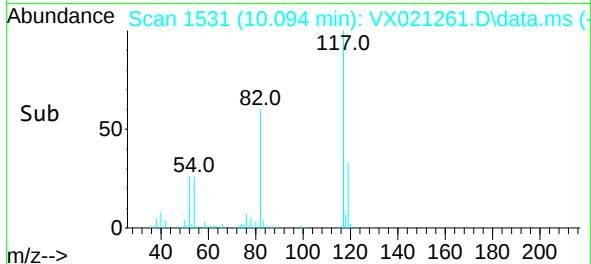
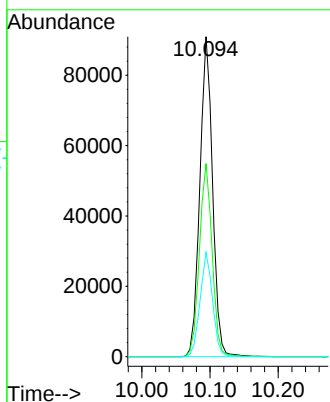
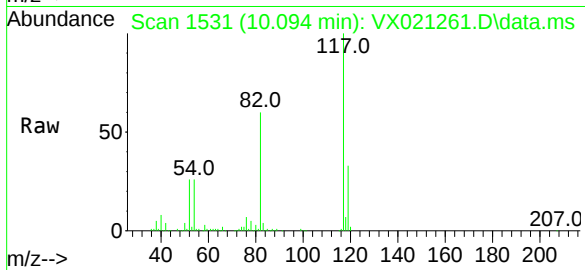




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

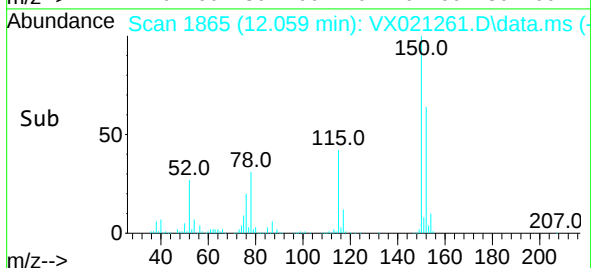
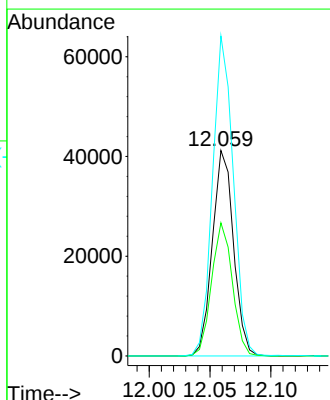
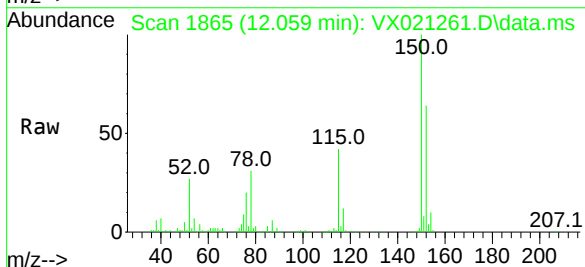
Instrument :
MSVOA_X
ClientSampled :

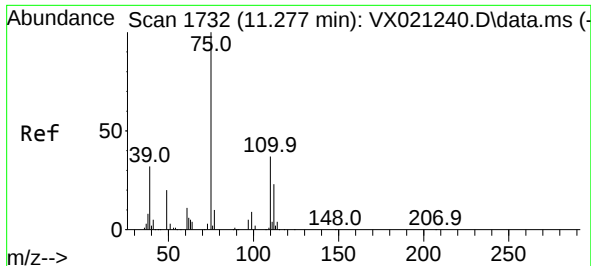
Tgt Ion:117 Resp: 118155
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

Tgt Ion:152 Resp: 49907
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 152.8 0.0 349.0

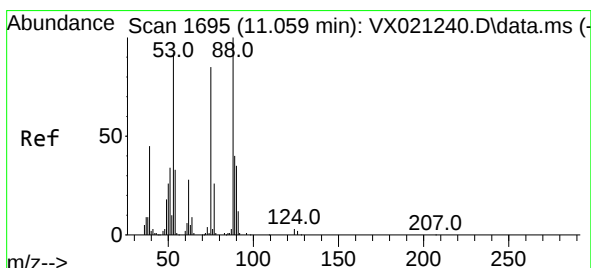
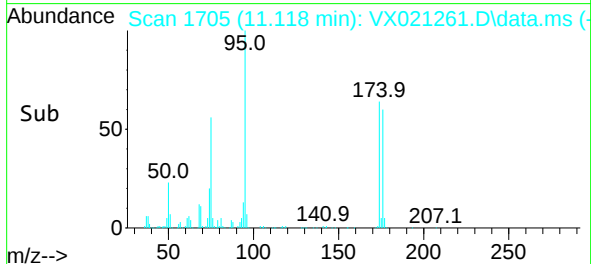
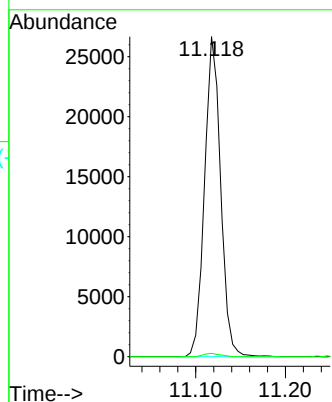
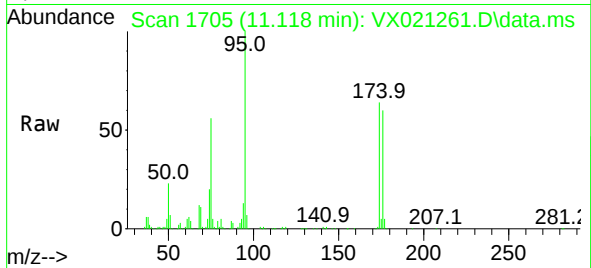




#76
1,2,3-Trichloropropane
Concen: 28.65 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

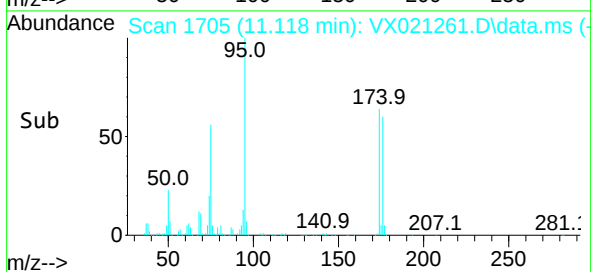
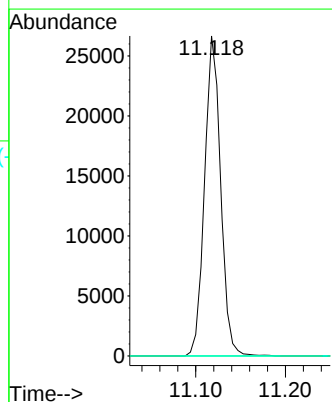
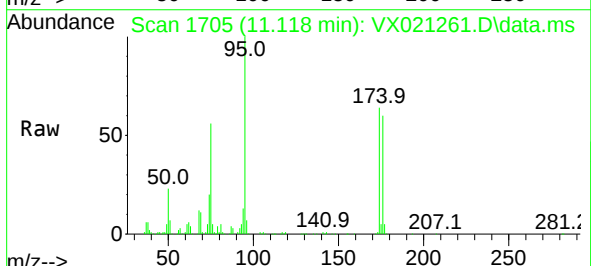
Instrument :
MSVOA_X
ClientSampleId :

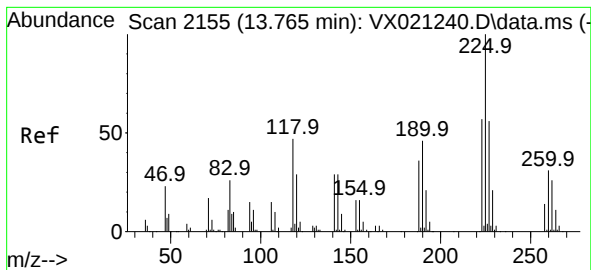
Tgt Ion: 75 Resp: 33166
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021261.D
Acq: 17 Mar 2021 10:30

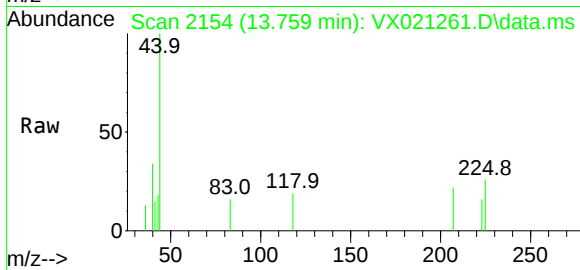
Tgt Ion: 75 Resp: 33166
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 0.27 ug/l
 RT: 13.759 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: VX021261.D
 Acq: 17 Mar 2021 10:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
225	100		
223	71.6	31.1	93.2
227	0.0	31.6	95.0

