

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021412.D
 Acq On : 24 Mar 2021 02:41
 Operator : JC/MD
 Sample : M1770-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 03:35:26 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)

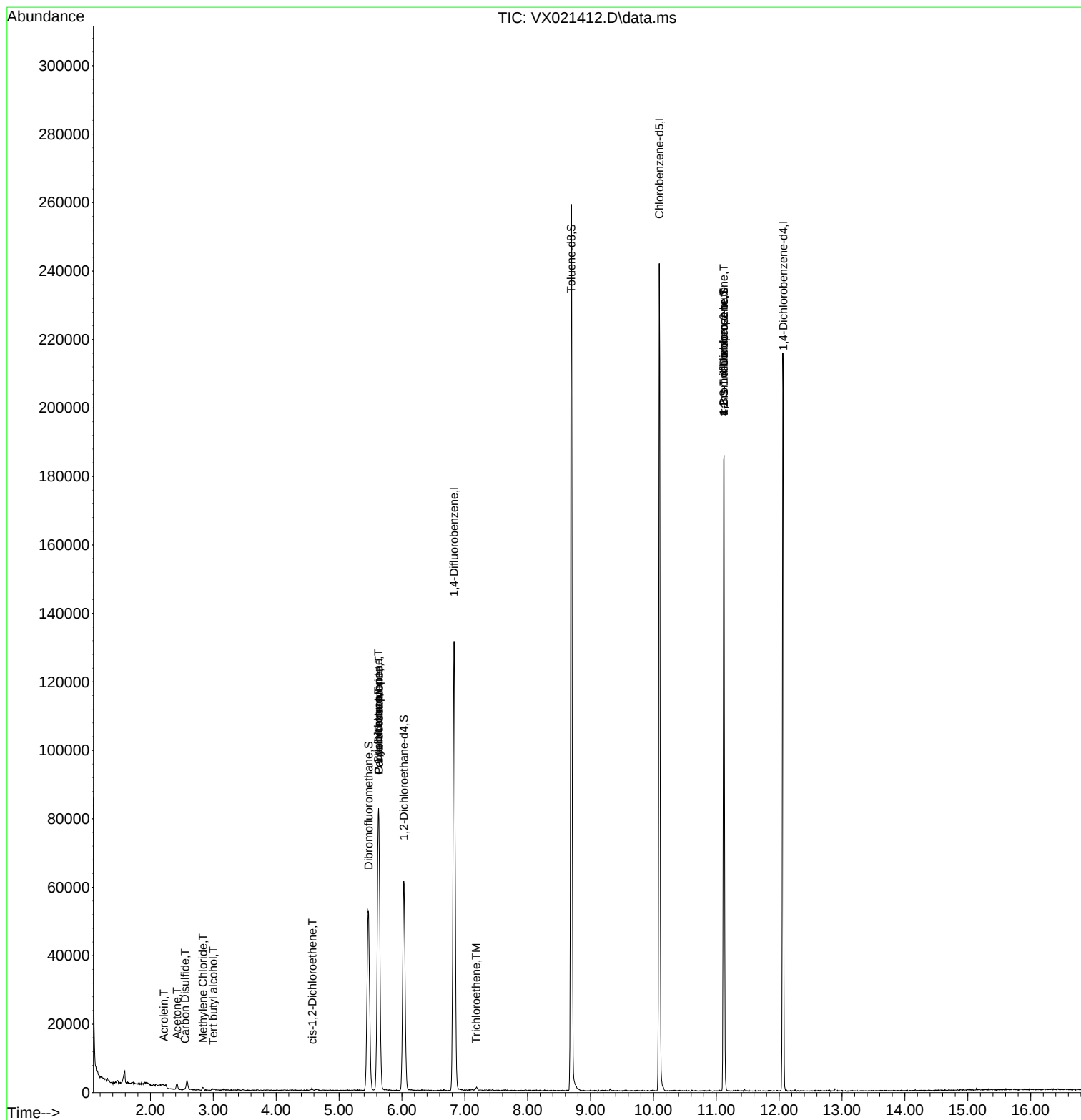
Internal Standards						
1) Pentafluorobenzene	5.634	168	72346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	101976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	40701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	60650	51.11	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.22%	
35) Dibromofluoromethane	5.470	113	43403	52.08	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.16%	
50) Toluene-d8	8.694	98	148132	48.99	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.98%	
62) 4-Bromofluorobenzene	11.118	95	49126	41.83	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.66%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	989	Below Cal		95
11) Tert butyl alcohol	2.999	59	242	1.21 ug/l	#	73
13) Acrolein	2.216	56	19	3.28 ug/l	#	1
16) Acetone	2.422	43	2000	4.58 ug/l		89
17) Carbon Disulfide	2.552	76	241	0.65 ug/l	#	75
20) Methylene Chloride	2.834	84	287	0.32 ug/l	#	81
27) cis-1,2-Dichloroethene	4.576	96	264	0.28 ug/l		71
31) Cyclohexane	5.629	56	2071	1.44 ug/l	#	41
36) 1,1-Dichloropropene	5.629	75	6786	5.50 ug/l	#	50
38) Carbon Tetrachloride	5.634	117	8144	6.35 ug/l	#	16
44) Trichloroethene	7.182	130	327	0.36 ug/l		73
76) 1,2,3-Trichloropropane	11.118	75	28456	30.14 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28456	81.83 ug/l	#	12

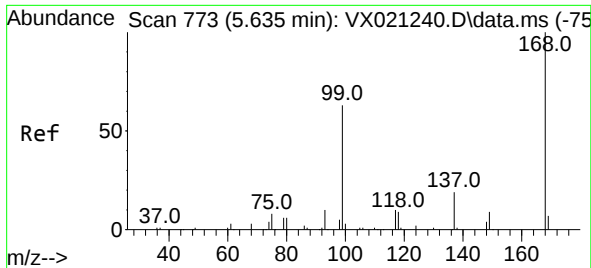
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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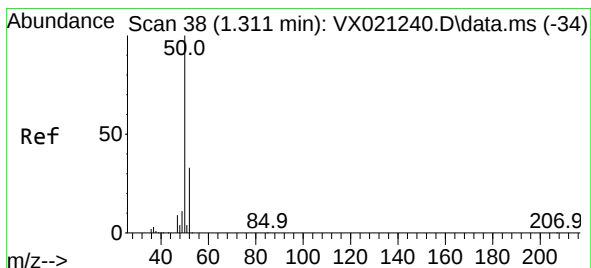
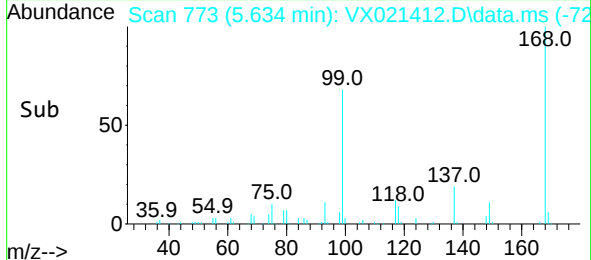
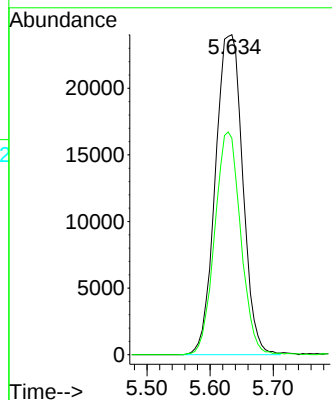
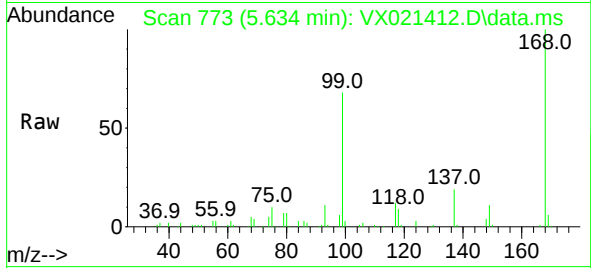




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.634 min Scan# 773
Delta R.T. -0.001 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

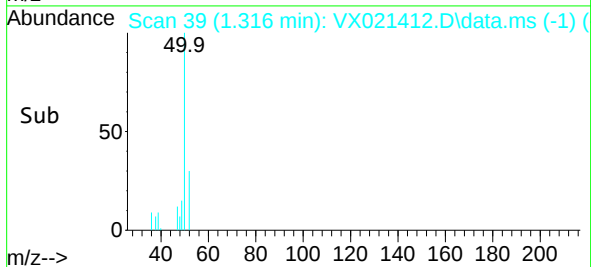
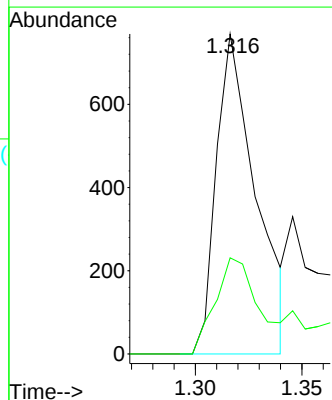
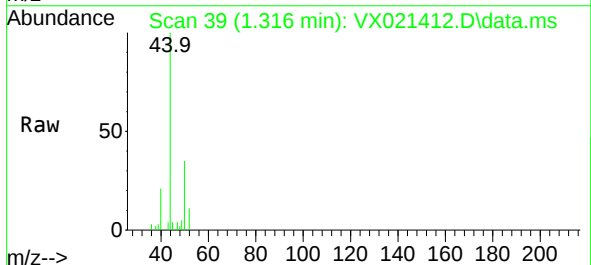
Instrument :
MSVOA_X
ClientSampleId :

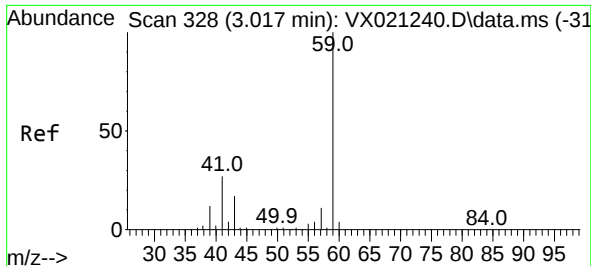
Tgt Ion:168 Resp: 72346
Ion Ratio Lower Upper
168 100
99 67.6 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

Tgt Ion: 50 Resp: 989
Ion Ratio Lower Upper
50 100
52 30.0 26.4 39.6

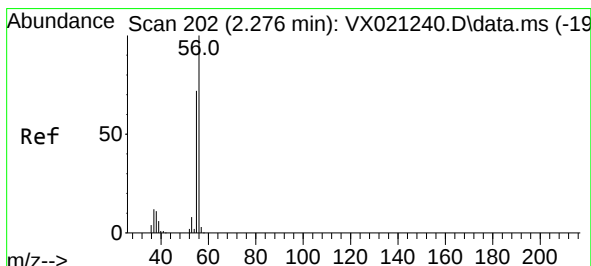
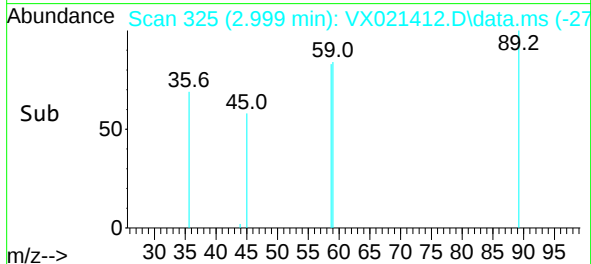
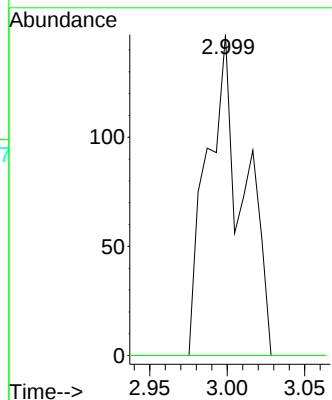
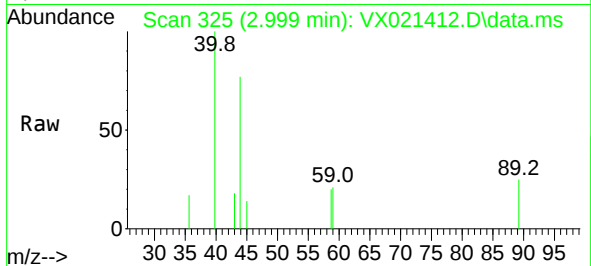




#11
Tert butyl alcohol
Concen: 1.21 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

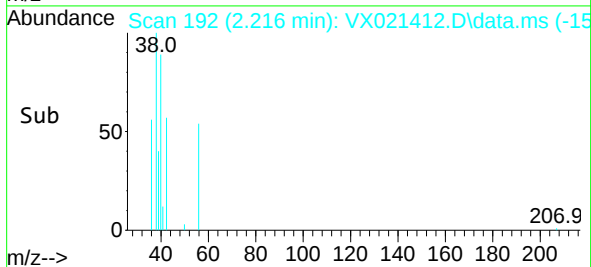
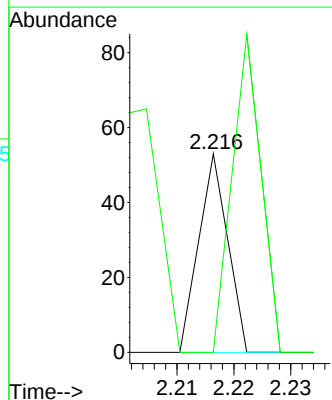
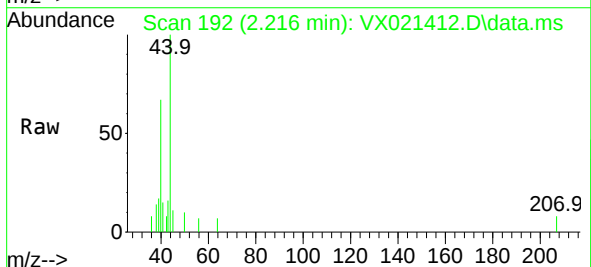
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.28 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.060 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 157.9 56.4 84.6#

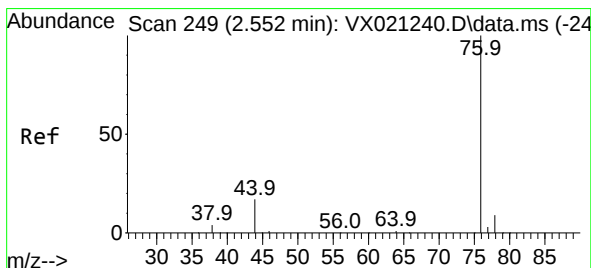
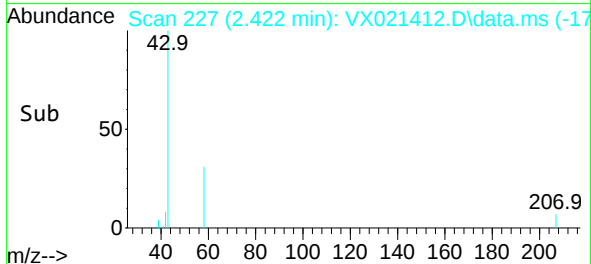
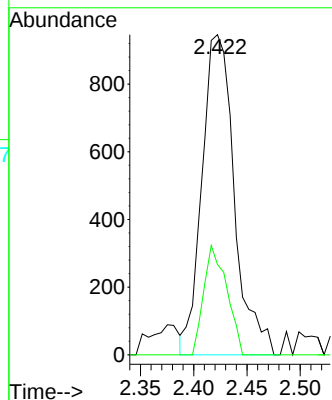
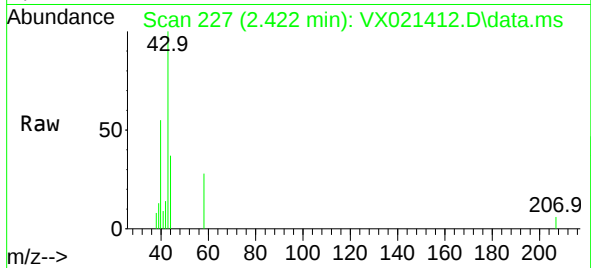




#16
Acetone
Concen: 4.58 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

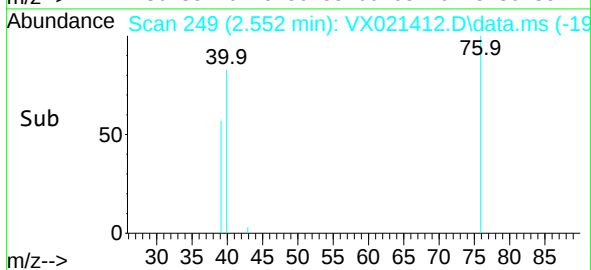
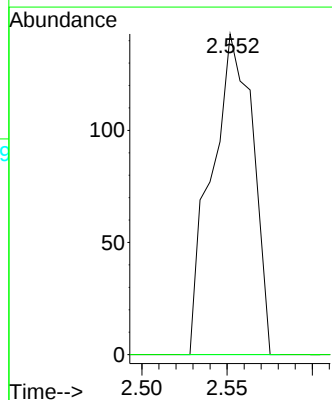
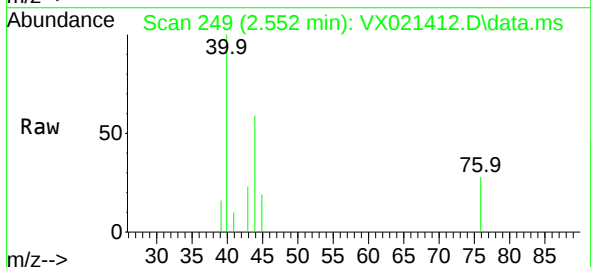
Instrument :
MSVOA_X
ClientSampled :

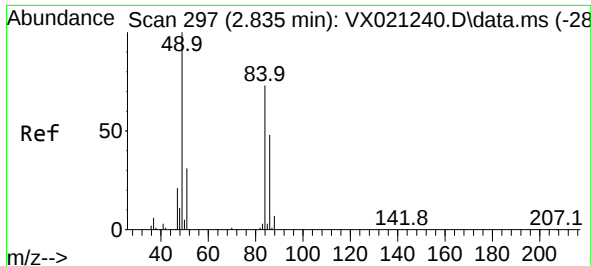
Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.65 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

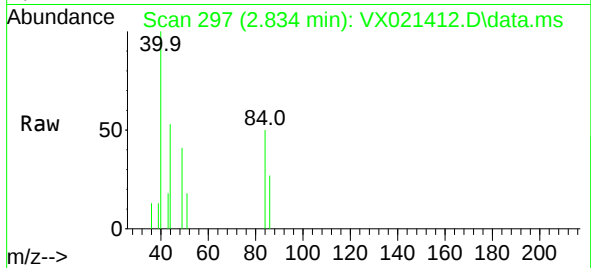
Tgt Ion: 76 Resp: 241
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





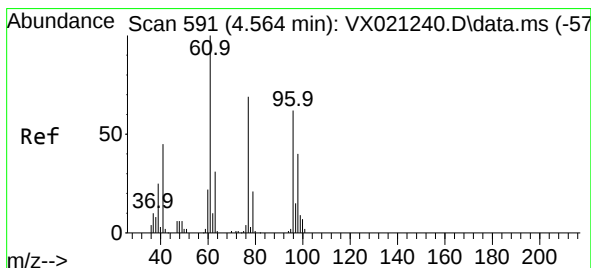
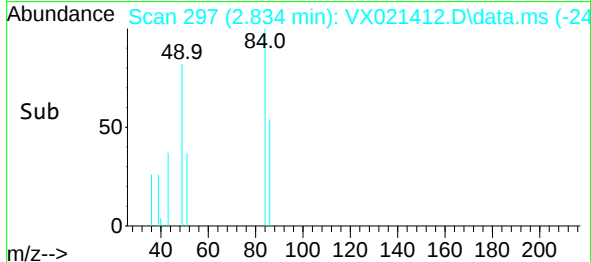
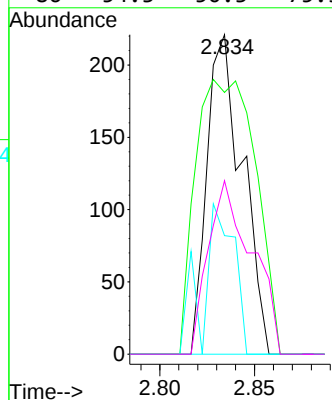
#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 287

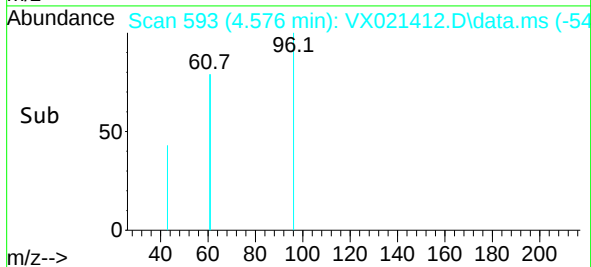
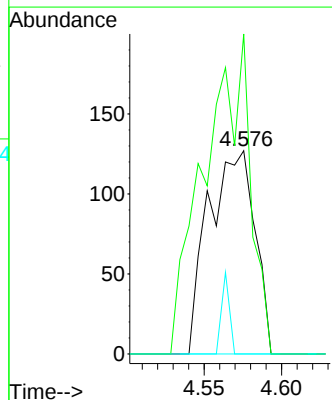
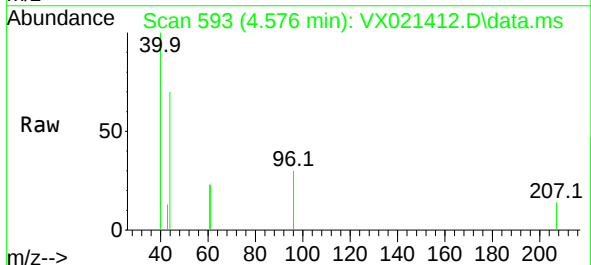
Ion	Ratio	Lower	Upper
84	100		
49	81.9	88.6	132.8#
51	37.1	27.0	40.6
86	54.3	50.3	75.5

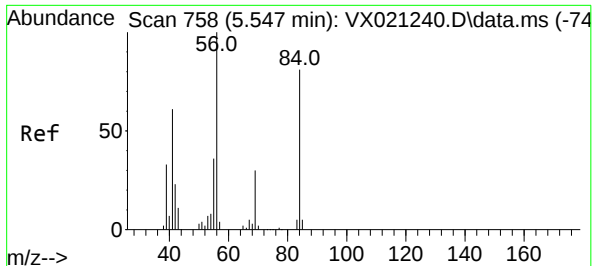


#27
cis-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 4.576 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

Tgt Ion: 96 Resp: 264

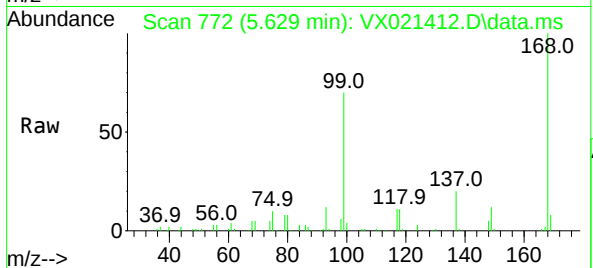
Ion	Ratio	Lower	Upper
96	100		
61	154.2	0.0	285.6
98	6.8	0.0	129.6



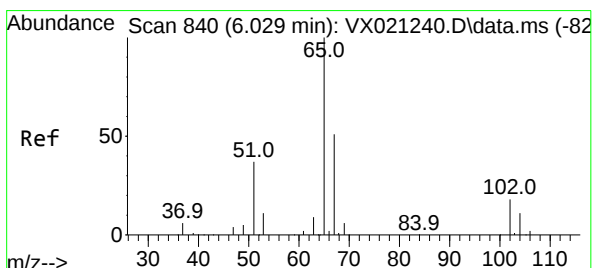
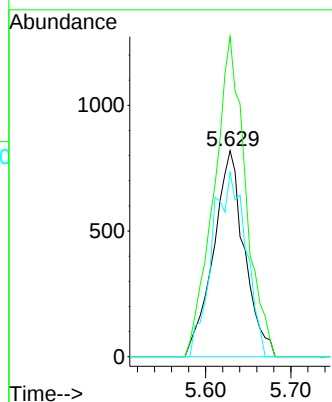
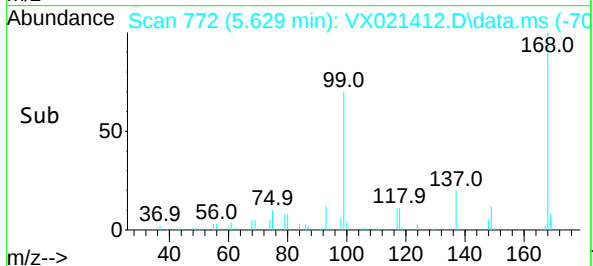


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

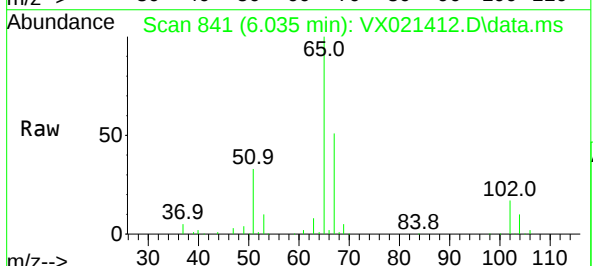
Instrument :
MSVOA_X
ClientSampled :



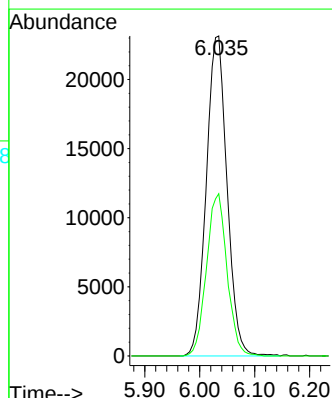
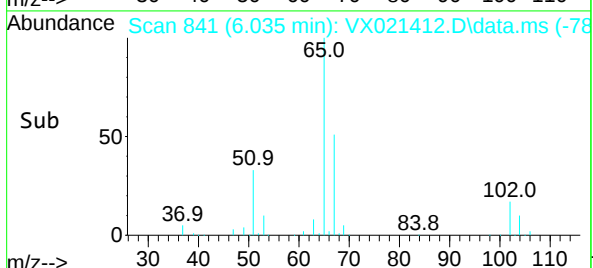
Tgt Ion: 56 Resp: 2071
Ion Ratio Lower Upper
56 100
69 155.4 25.3 37.9#
84 89.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.11 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41



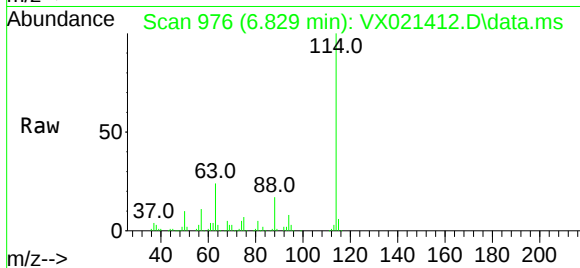
Tgt Ion: 65 Resp: 60650
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4



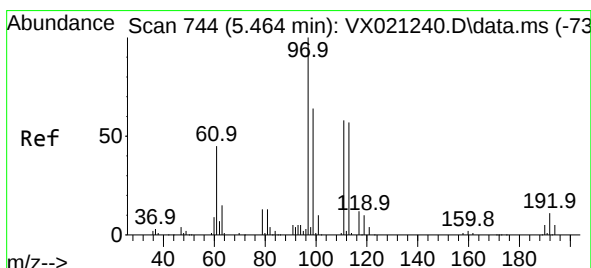
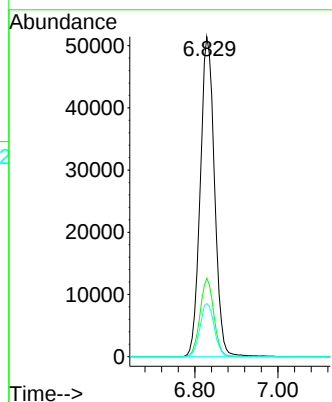
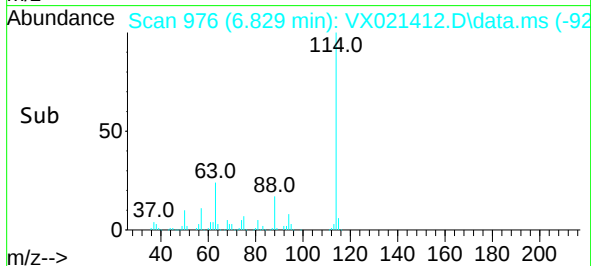


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

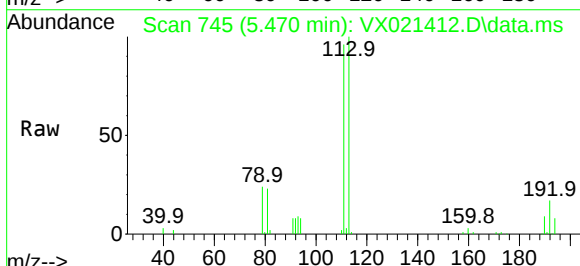
Instrument :
MSVOA_X
ClientSampled :



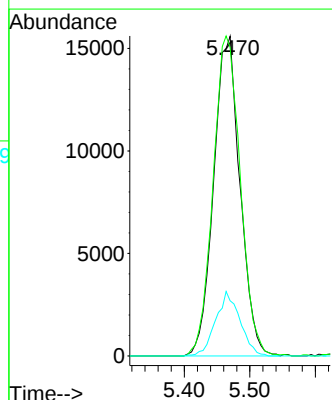
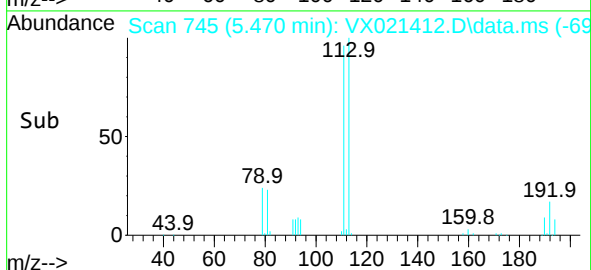
Tgt Ion:114 Resp: 122475
Ion Ratio Lower Upper
114 100
63 24.5 0.0 40.8
88 16.6 0.0 32.8

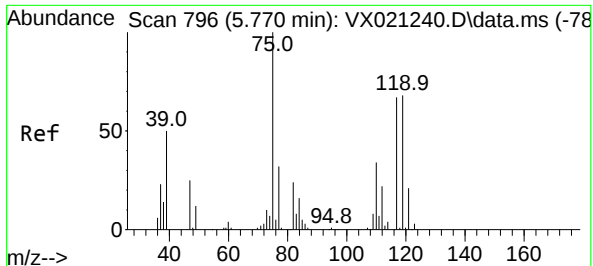


#35
Dibromofluoromethane
Concen: 52.08 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41



Tgt Ion:113 Resp: 43403
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.50 ug/l

RT: 5.629 min Scan# 772

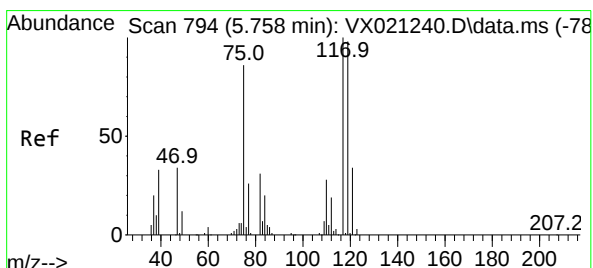
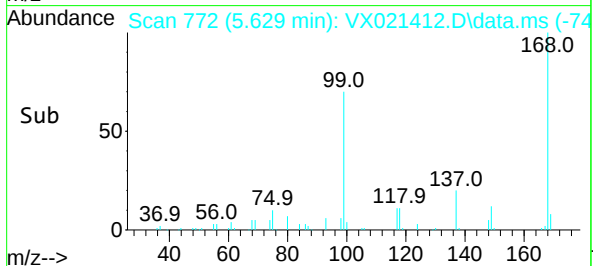
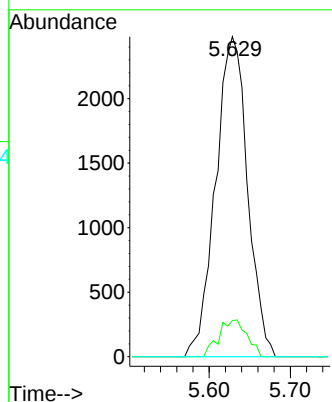
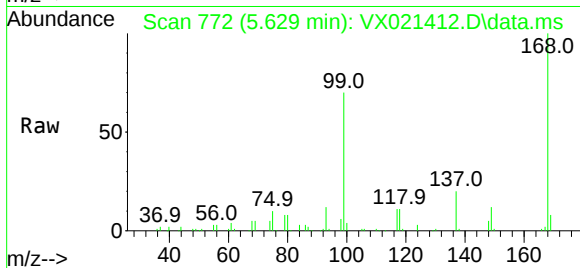
Delta R.T. -0.141 min

Lab File: VX021412.D

Acq: 24 Mar 2021 02:41

Tgt Ion:	75	Resp:	6786
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.35 ug/l

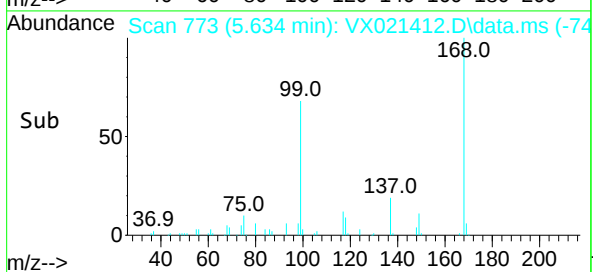
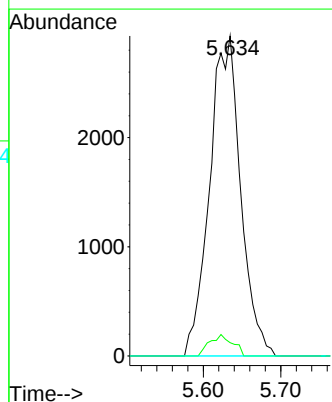
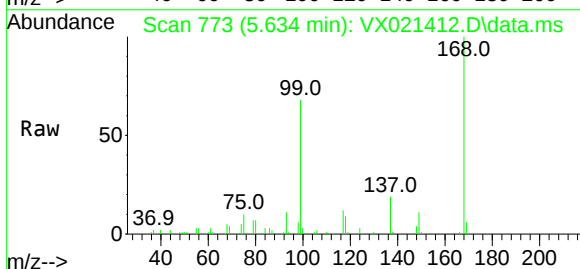
RT: 5.634 min Scan# 773

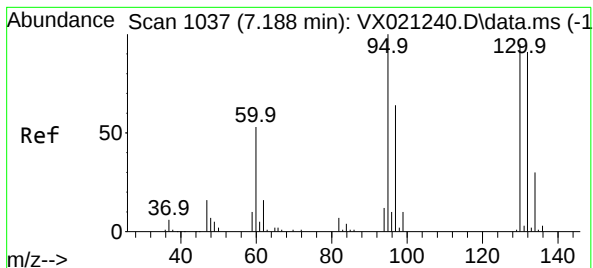
Delta R.T. -0.124 min

Lab File: VX021412.D

Acq: 24 Mar 2021 02:41

Tgt Ion:	117	Resp:	8144
Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.2	114.2#
121	0.0	24.8	37.2#





#44

Trichloroethene

Concen: 0.36 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VX021412.D

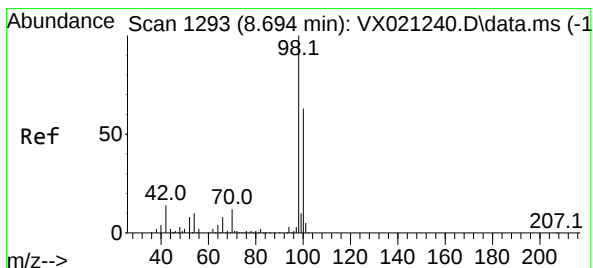
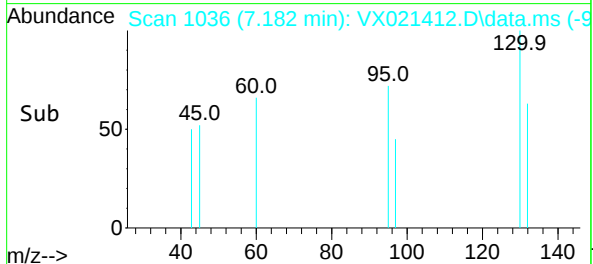
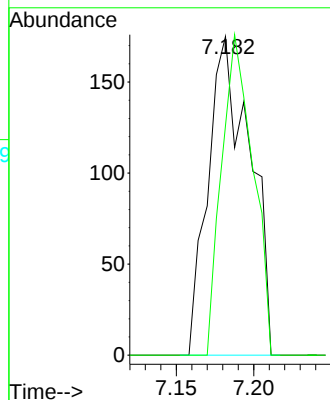
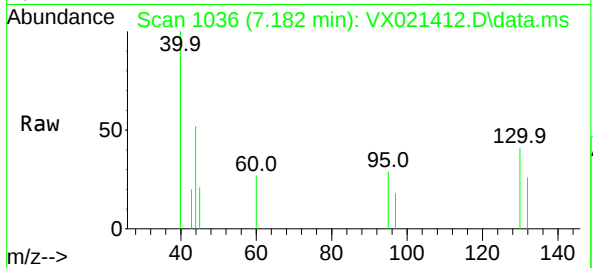
Acq: 24 Mar 2021 02:41

Tgt Ion:130 Resp: 327

Ion Ratio Lower Upper

130 100

95 72.0 0.0 198.0



#50

Toluene-d8

Concen: 48.99 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021412.D

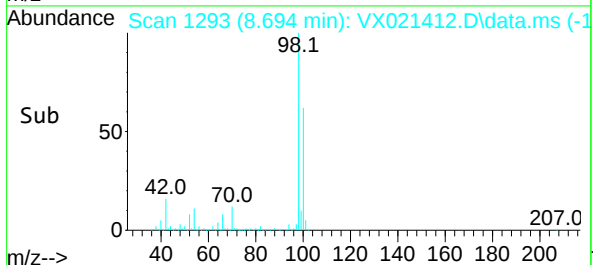
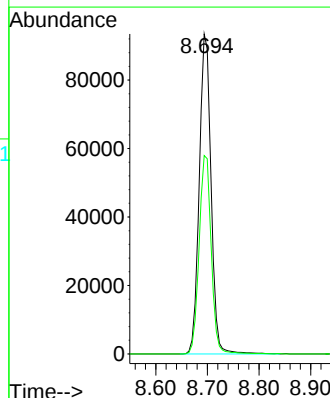
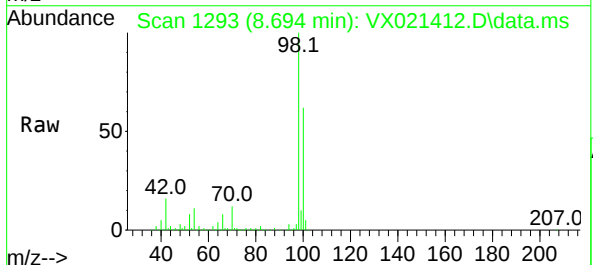
Acq: 24 Mar 2021 02:41

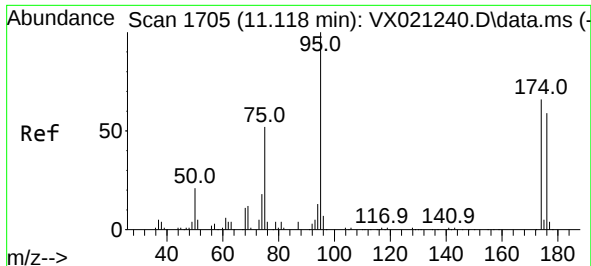
Tgt Ion: 98 Resp: 148132

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9

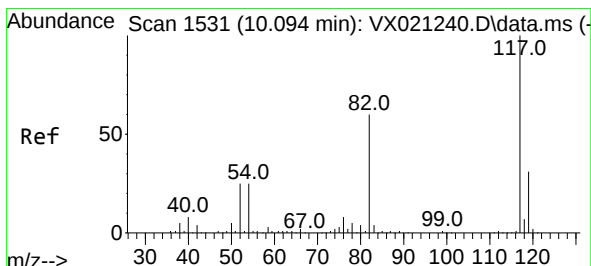
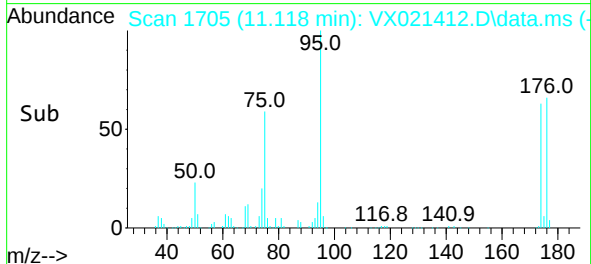
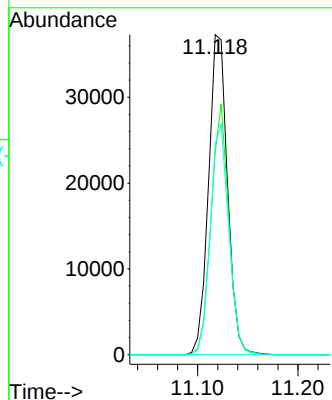
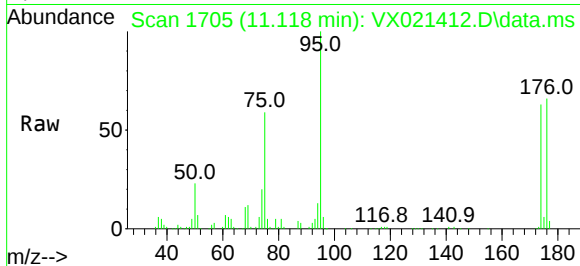




#62
4-Bromofluorobenzene
Concen: 41.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

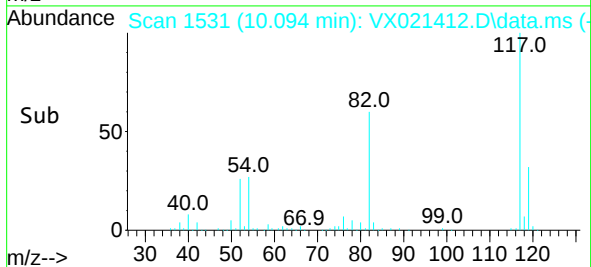
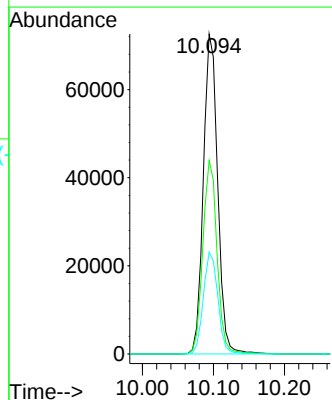
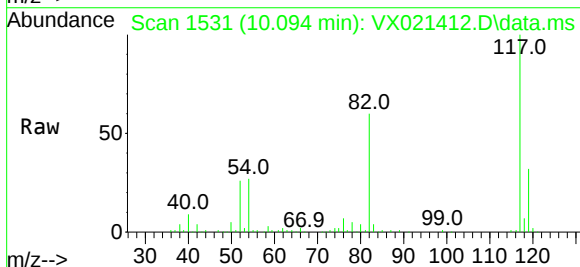
Instrument :
MSVOA_X
ClientSampleId :

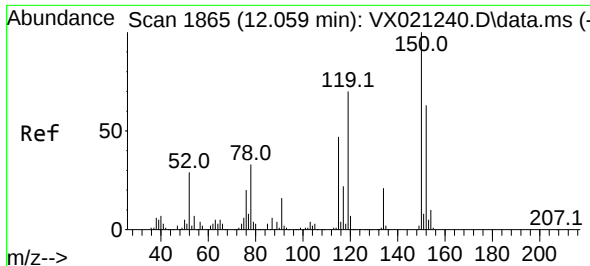
Tgt Ion: 95 Resp: 49126
Ion Ratio Lower Upper
95 100
174 73.0 0.0 154.6
176 69.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

Tgt Ion: 117 Resp: 101976
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.8 26.6 39.8

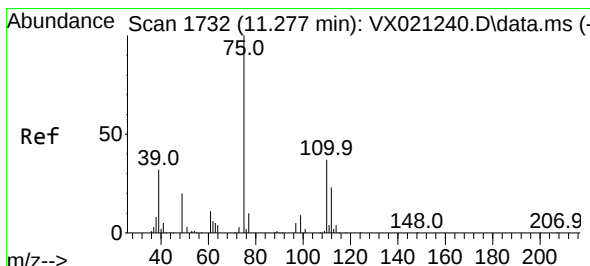
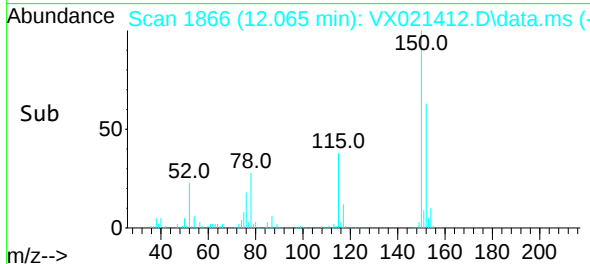
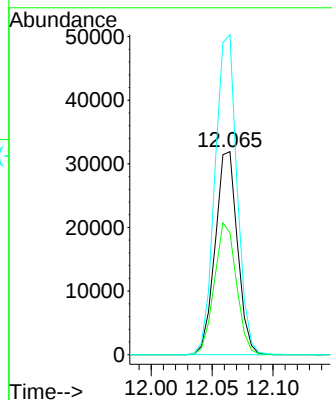
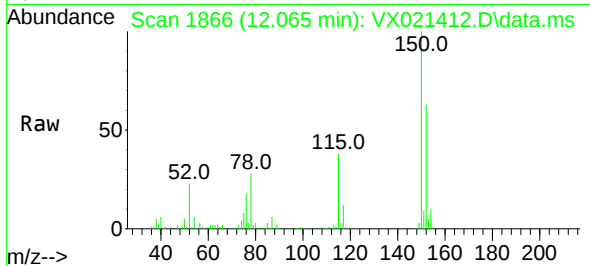




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

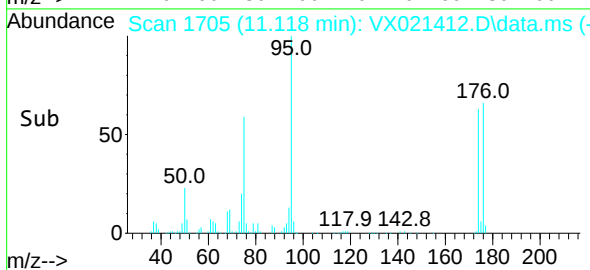
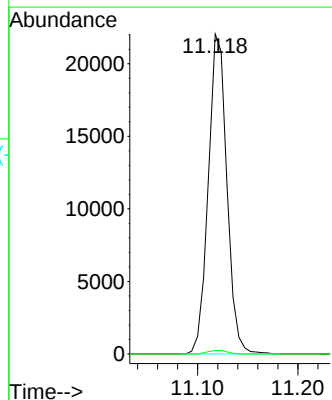
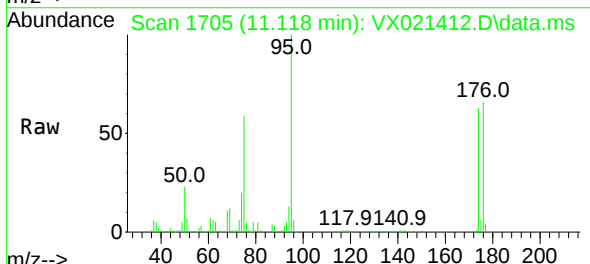
Instrument :
MSVOA_X
ClientSampleId :

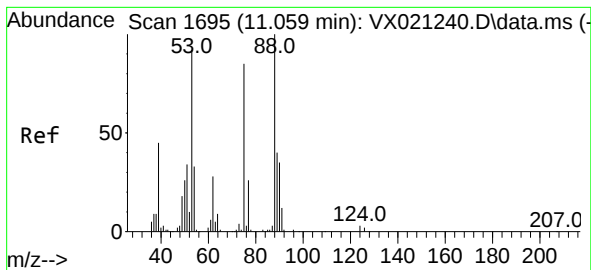
Tgt Ion:152 Resp: 40701
Ion Ratio Lower Upper
152 100
115 64.0 41.1 123.3
150 155.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 30.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021412.D
Acq: 24 Mar 2021 02:41

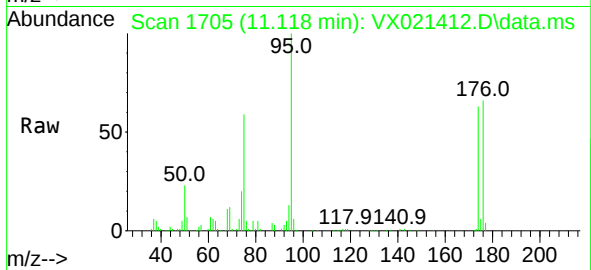
Tgt Ion: 75 Resp: 28456
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.83 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021412.D
 Acq: 24 Mar 2021 02:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28456
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

