

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021417.D
 Acq On : 24 Mar 2021 04:38
 Operator : JC/MD
 Sample : M1774-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41736

Quant Time: Mar 24 05:48:13 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)

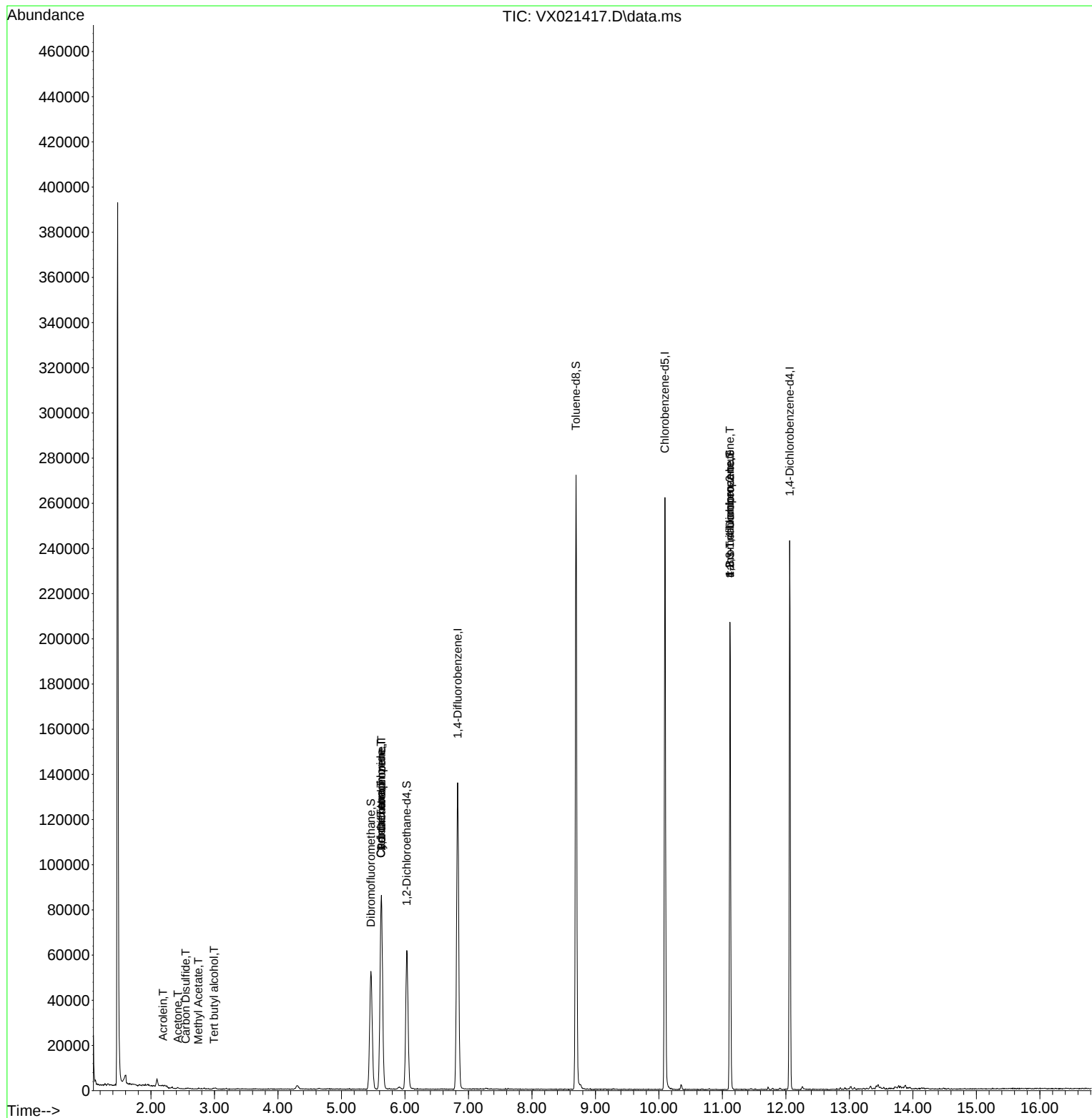
Internal Standards						
1) Pentafluorobenzene	5.629	168	75443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	42809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60182	48.64	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.28%		
35) Dibromofluoromethane	5.464	113	42906	51.14	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.28%		
50) Toluene-d8	8.694	98	150637	49.49	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.98%		
62) 4-Bromofluorobenzene	11.118	95	53543	45.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.58%		
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1377	Below Cal		94
11) Tert butyl alcohol	2.993	59	432	2.08 ug/l #		73
13) Acrolein	2.187	56	19	3.28 ug/l #		32
16) Acetone	2.422	43	767	1.68 ug/l		94
17) Carbon Disulfide	2.546	76	169	0.61 ug/l #		75
18) Methyl Acetate	2.746	43	390	0.31 ug/l #		57
31) Cyclohexane	5.623	56	2137	1.43 ug/l #		55
36) 1,1-Dichloropropene	5.629	75	6888	5.54 ug/l #		47
38) Carbon Tetrachloride	5.623	117	8195	6.35 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	30098	30.31 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	30098	82.29 ug/l #		12

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

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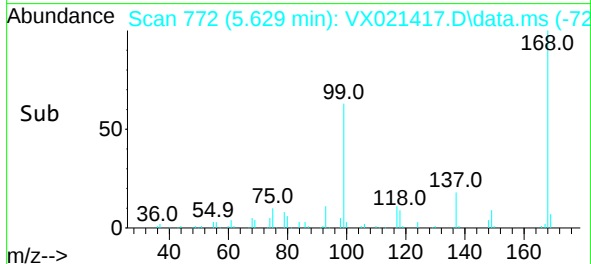
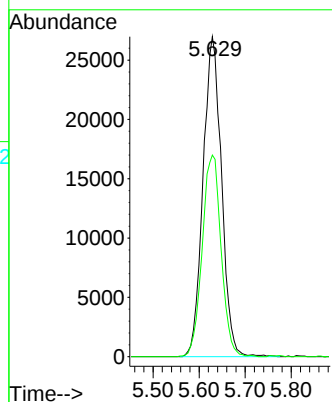
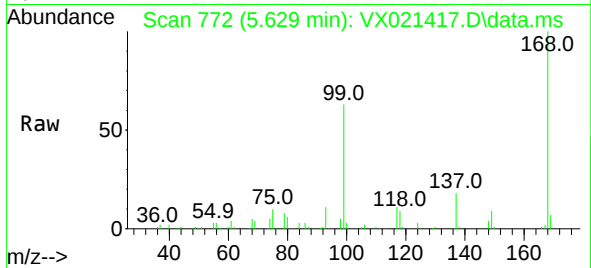




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

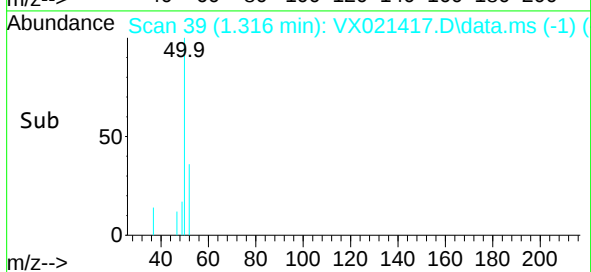
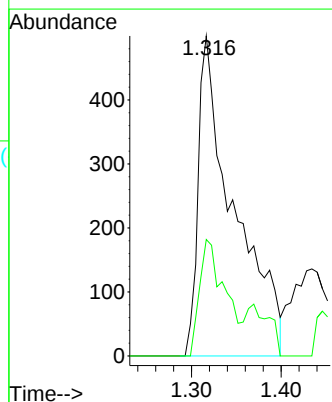
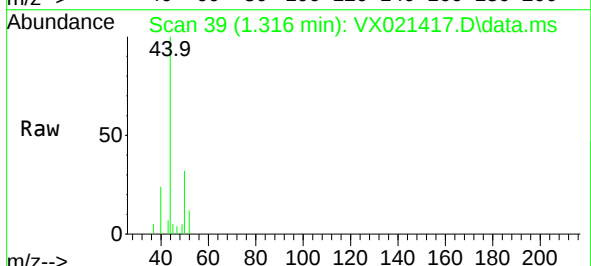
Instrument :
MSVOA_X
ClientSampleId :
41736

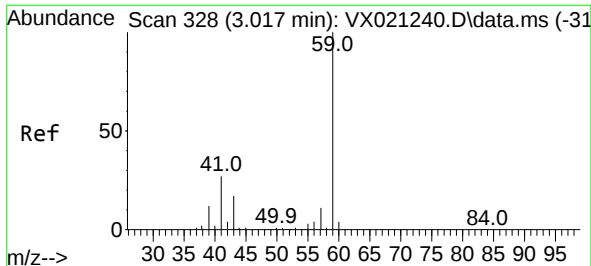
Tgt Ion:168 Resp: 75443
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Tgt Ion: 50 Resp: 1377
Ion Ratio Lower Upper
50 100
52 36.4 26.4 39.6

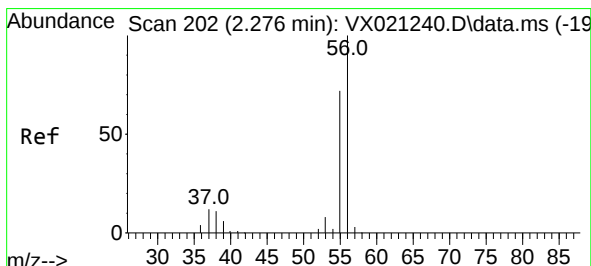
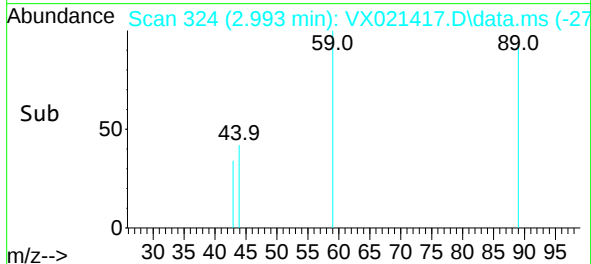
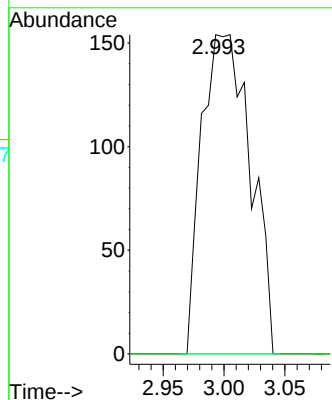
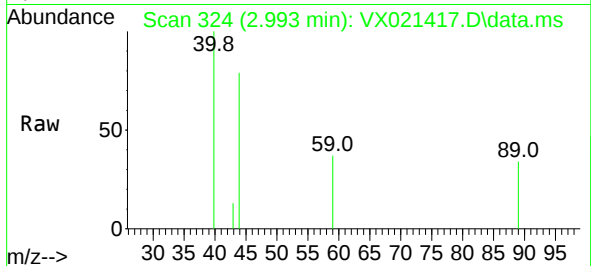




#11
Tert butyl alcohol
Concen: 2.08 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

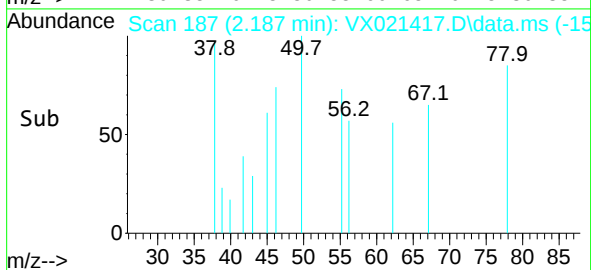
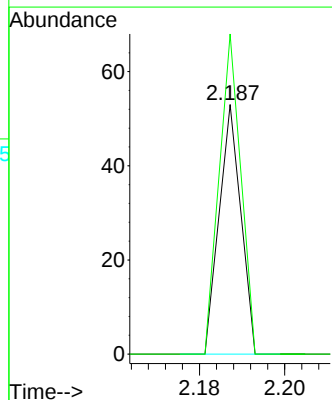
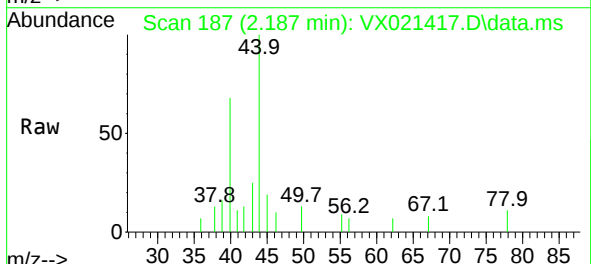
Instrument :
MSVOA_X
ClientSampled :
41736

Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.28 ug/l
RT: 2.187 min Scan# 187
Delta R.T. -0.089 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 126.3 56.4 84.6#

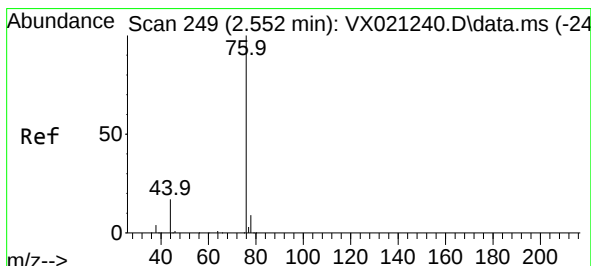
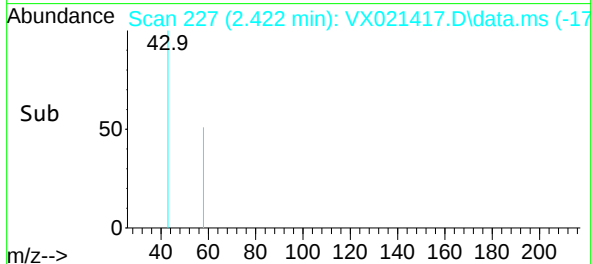
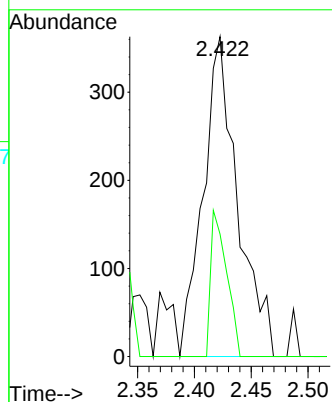
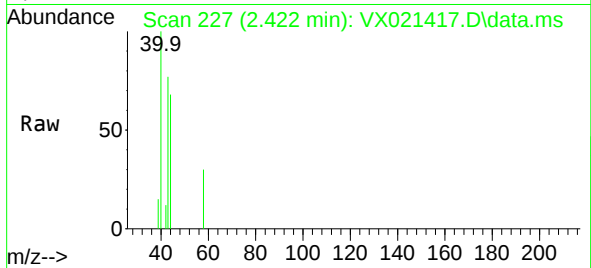




#16
Acetone
Concen: 1.68 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

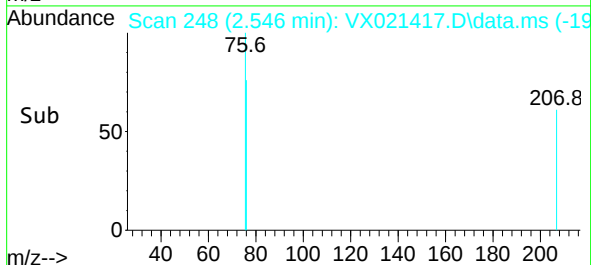
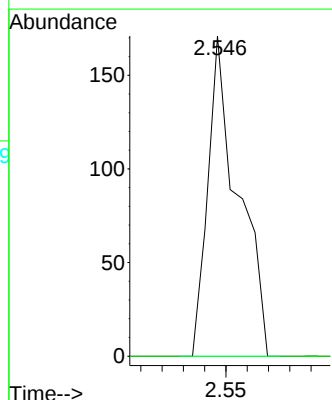
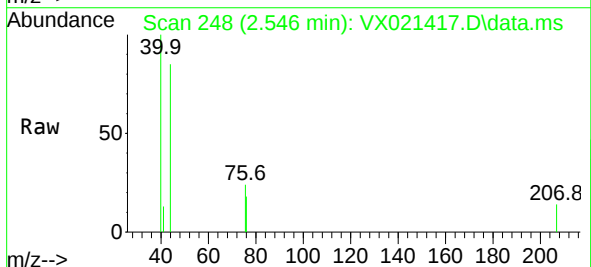
Instrument :
MSVOA_X
ClientSampled :
41736

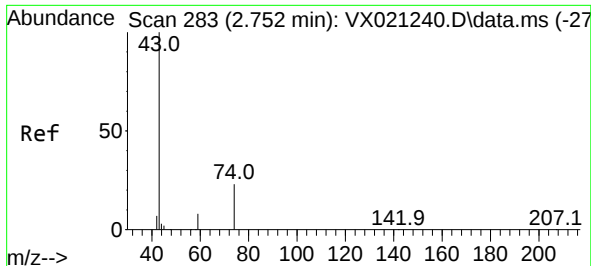
Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 38.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.61 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Tgt Ion: 76 Resp: 169
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

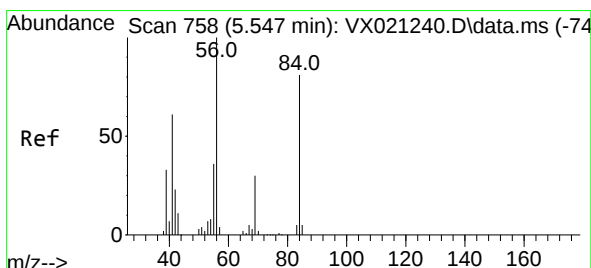
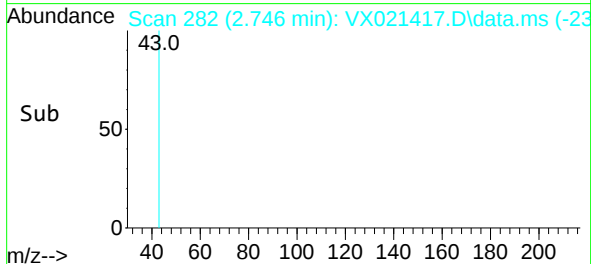
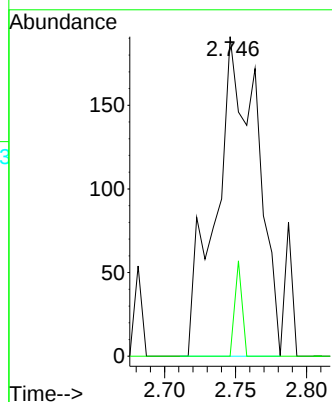
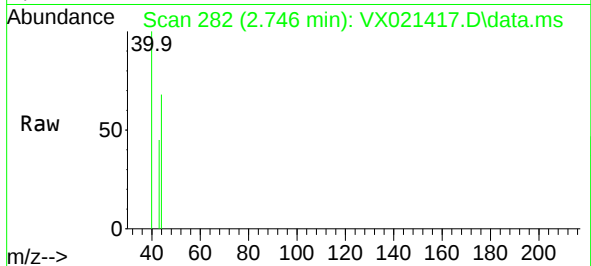




#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

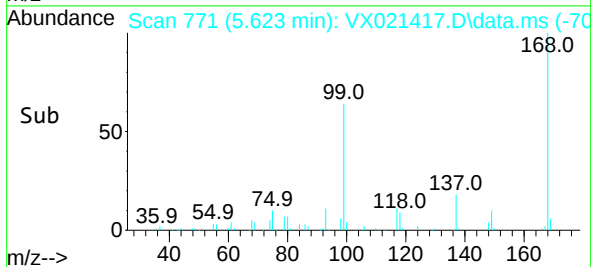
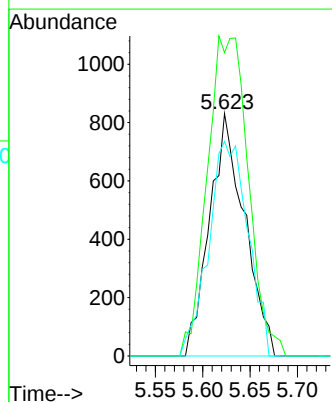
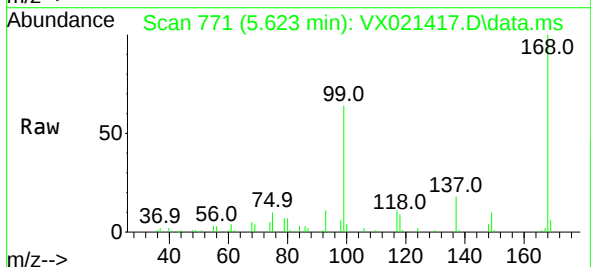
Instrument :
MSVOA_X
ClientSampleId :
41736

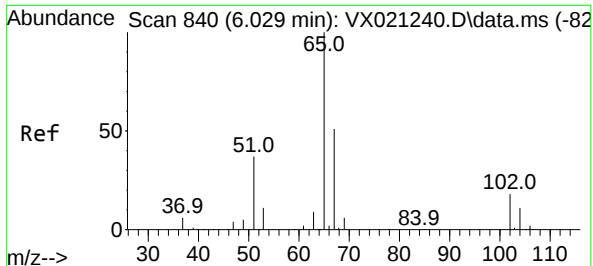
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
74 5.1 21.9 32.9#



#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Tgt Ion: 56 Resp: 2137
Ion Ratio Lower Upper
56 100
69 125.2 25.3 37.9#
84 88.4 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.64 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021417.D

Acq: 24 Mar 2021 04:38

Tgt Ion: 65 Resp: 60182

Ion Ratio Lower Upper

65 100

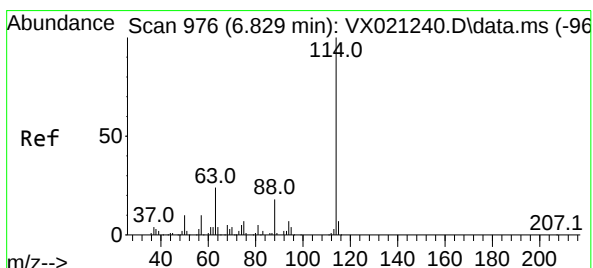
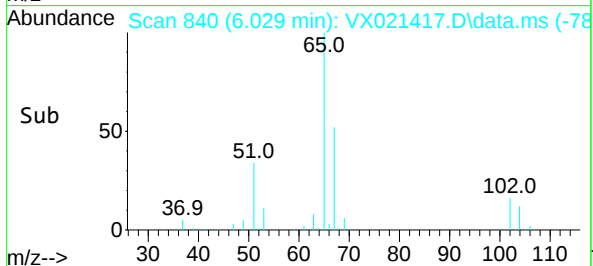
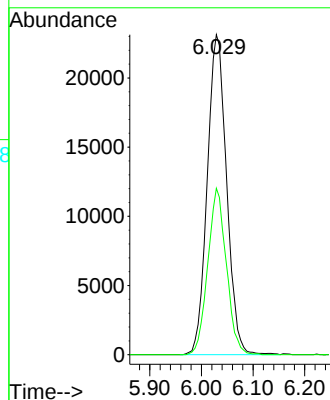
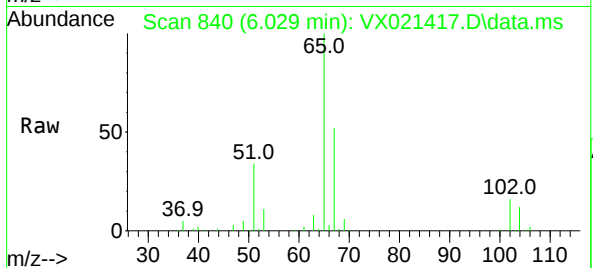
67 49.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

41736



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021417.D

Acq: 24 Mar 2021 04:38

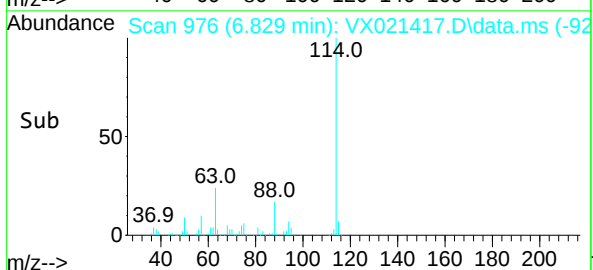
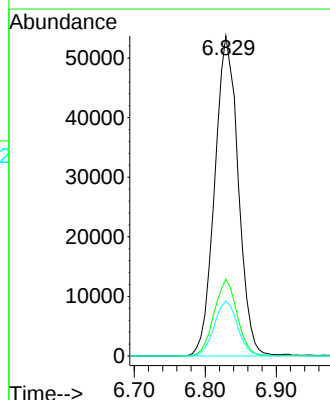
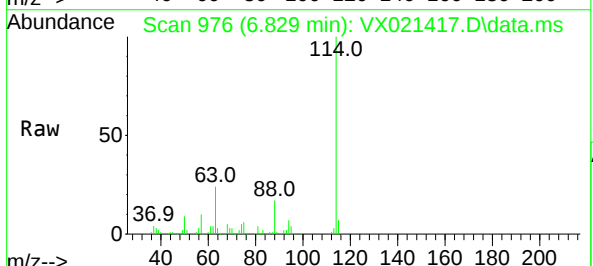
Tgt Ion: 114 Resp: 123291

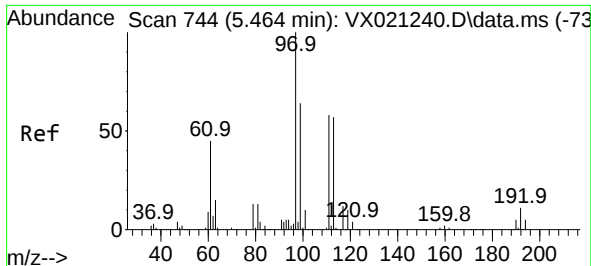
Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.8

88 17.2 0.0 32.8

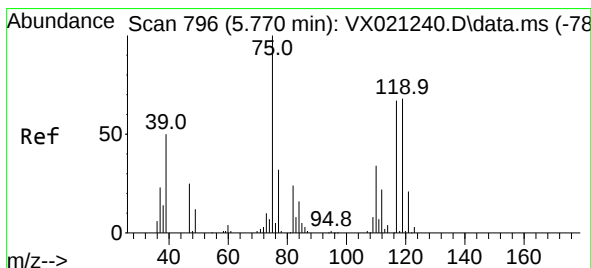
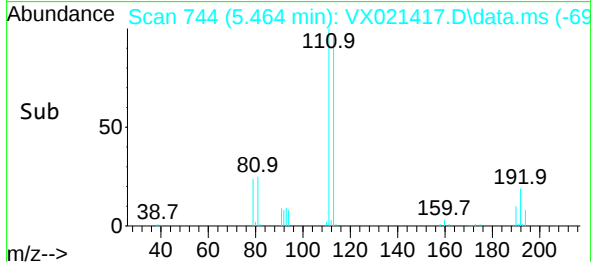
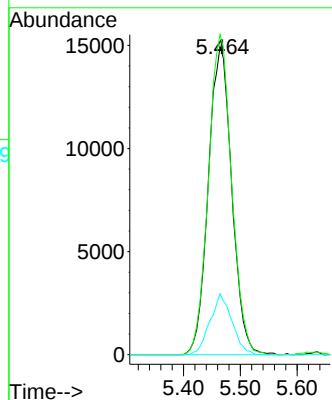
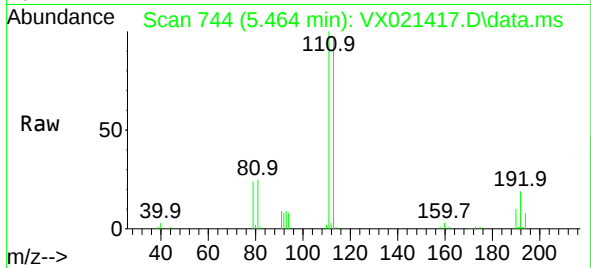




#35
Dibromofluoromethane
Concen: 51.14 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

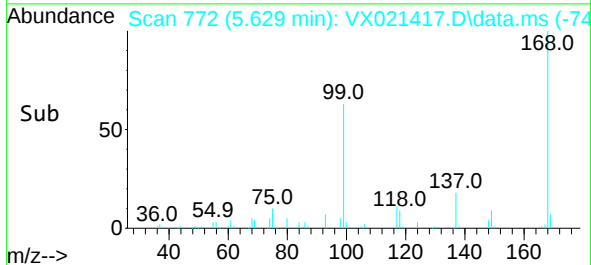
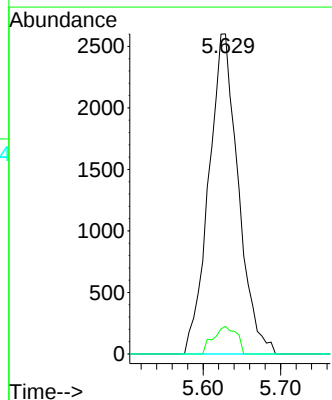
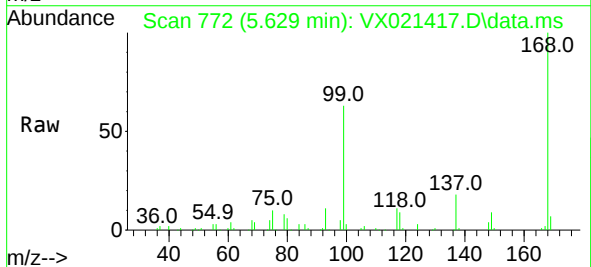
Instrument :
MSVOA_X
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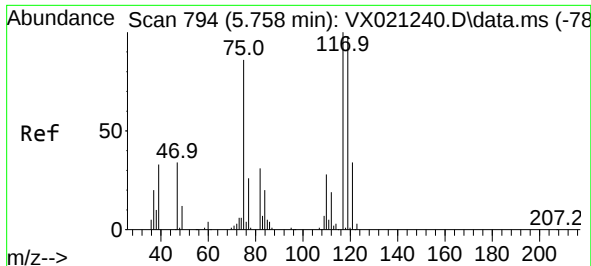
Tgt Ion:113 Resp: 42906
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 18.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.54 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

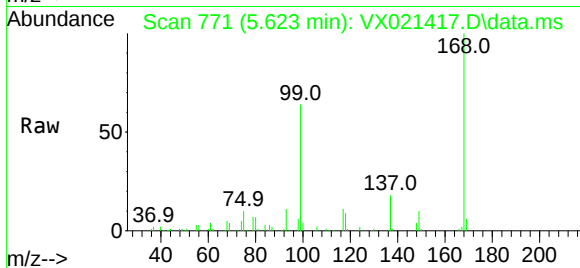
Tgt Ion: 75 Resp: 6888
Ion Ratio Lower Upper
75 100
110 6.8 18.1 54.4#
77 0.0 25.3 37.9#



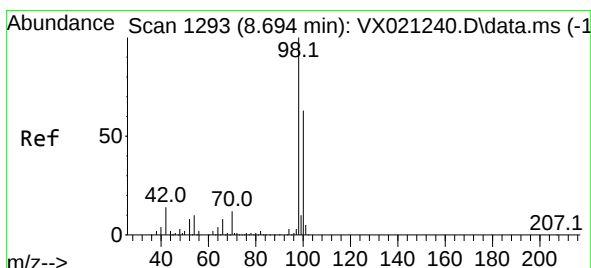
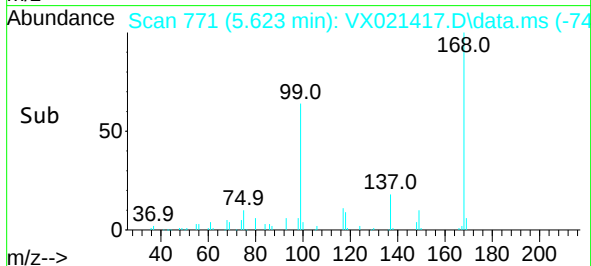
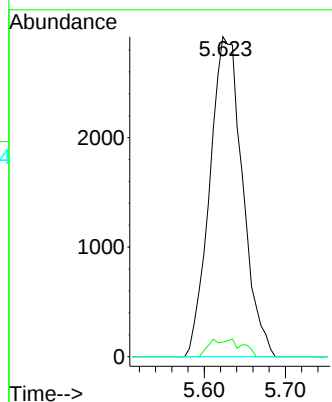


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Instrument :
MSVOA_X
ClientSampled :
41736

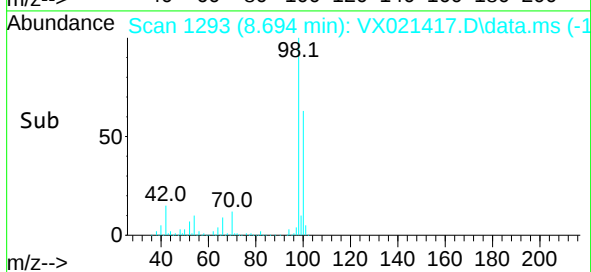
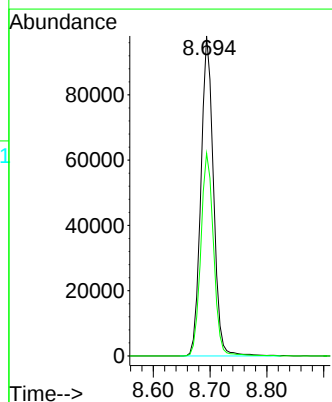
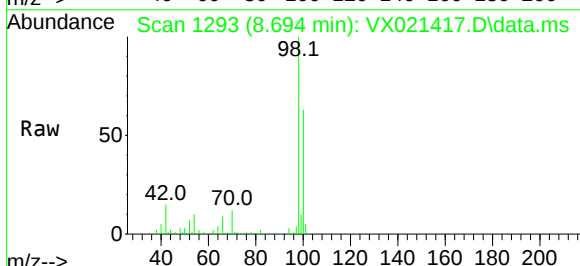


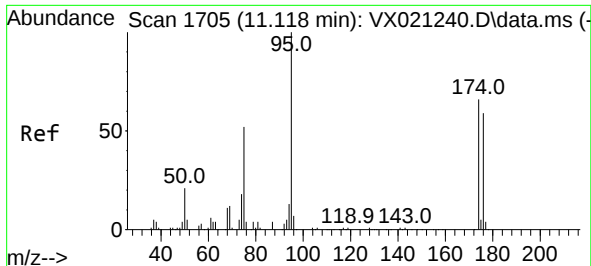
Tgt Ion:117 Resp: 8195
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.49 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Tgt Ion: 98 Resp: 150637
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

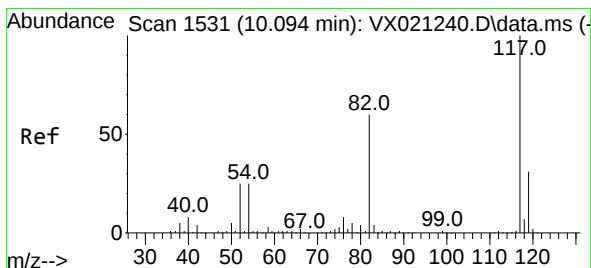
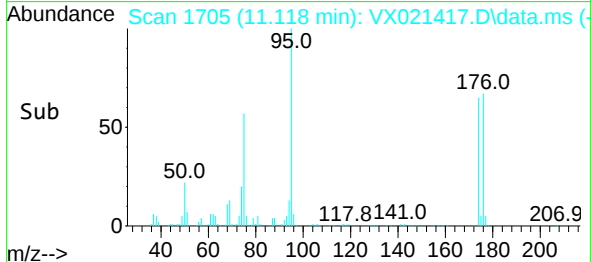
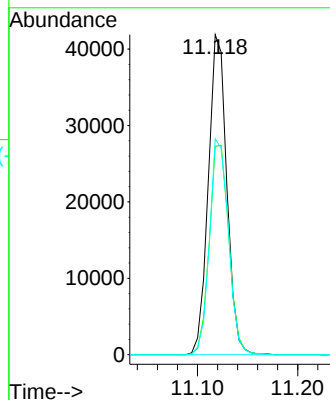
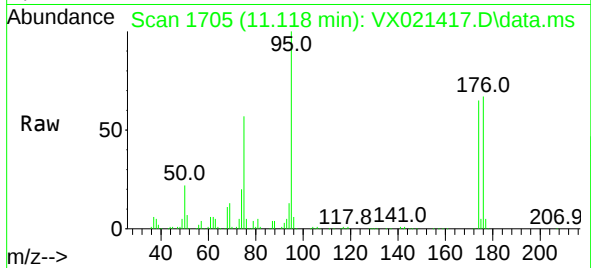




#62
4-Bromofluorobenzene
Concen: 45.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

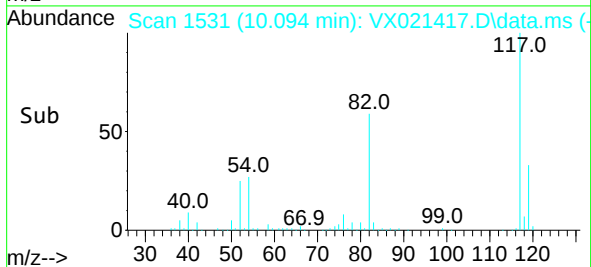
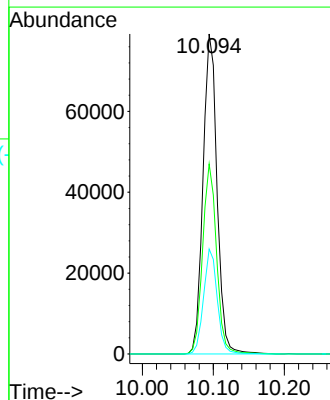
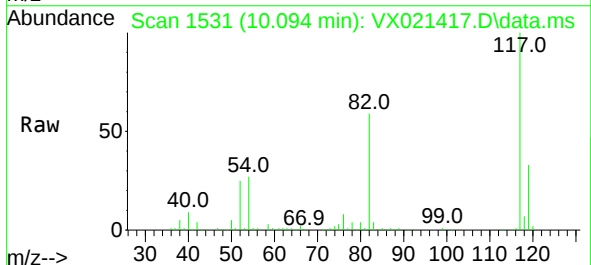
Instrument :
MSVOA_X
ClientSampled :
41736

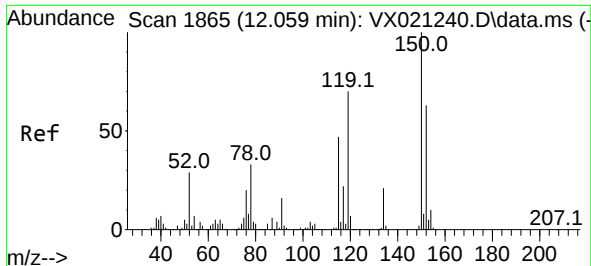
Tgt Ion: 95 Resp: 53543
Ion Ratio Lower Upper
95 100
174 69.3 0.0 154.6
176 69.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

Tgt Ion: 117 Resp: 109074
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.8 26.6 39.8

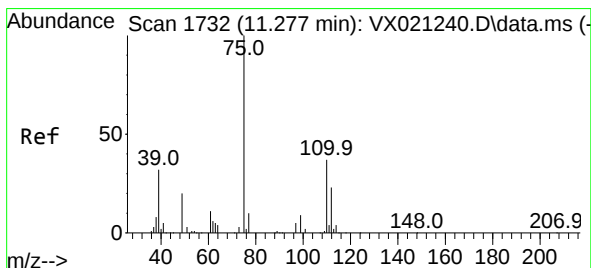
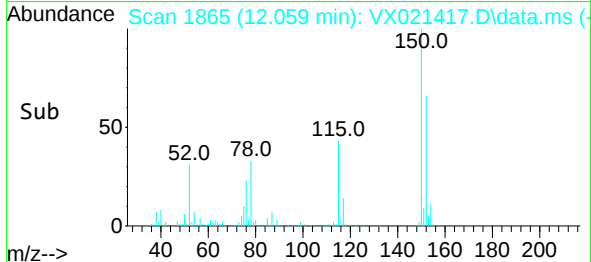
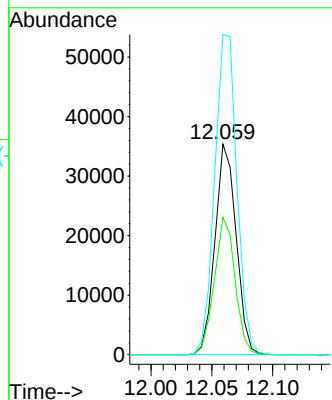
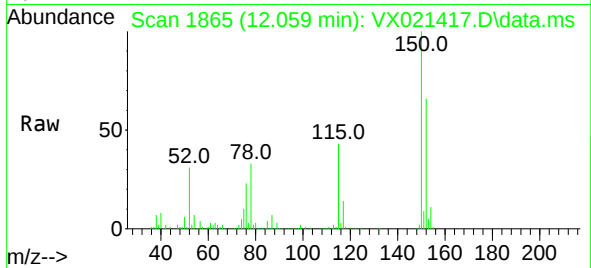




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

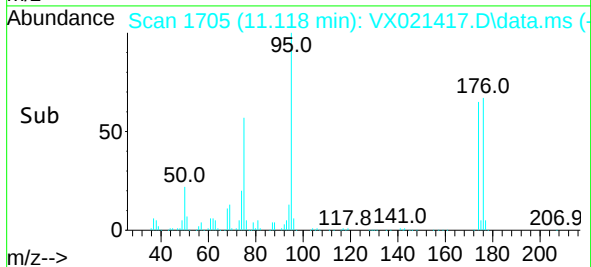
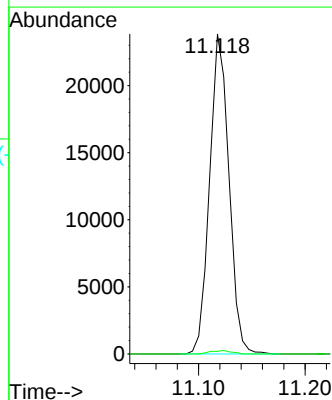
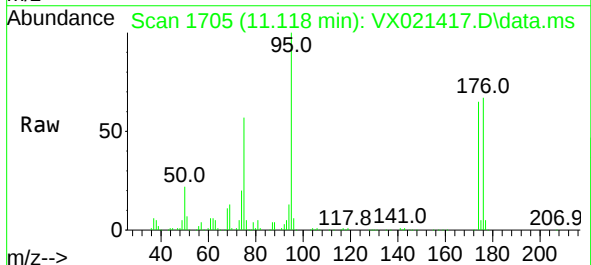
Instrument :
MSVOA_X
ClientSampled :
41736

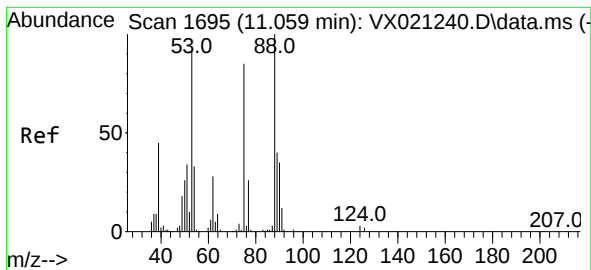
Tgt Ion:152 Resp: 42809
Ion Ratio Lower Upper
152 100
115 63.9 41.1 123.3
150 159.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 30.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021417.D
Acq: 24 Mar 2021 04:38

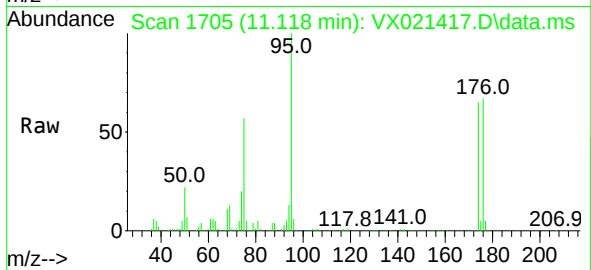
Tgt Ion: 75 Resp: 30098
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.29 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021417.D
 Acq: 24 Mar 2021 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 41736



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

