

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020971.D
 Acq On : 02 Mar 2021 17:55
 Operator : JC/MD
 Sample : M1503-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 03 01:17:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

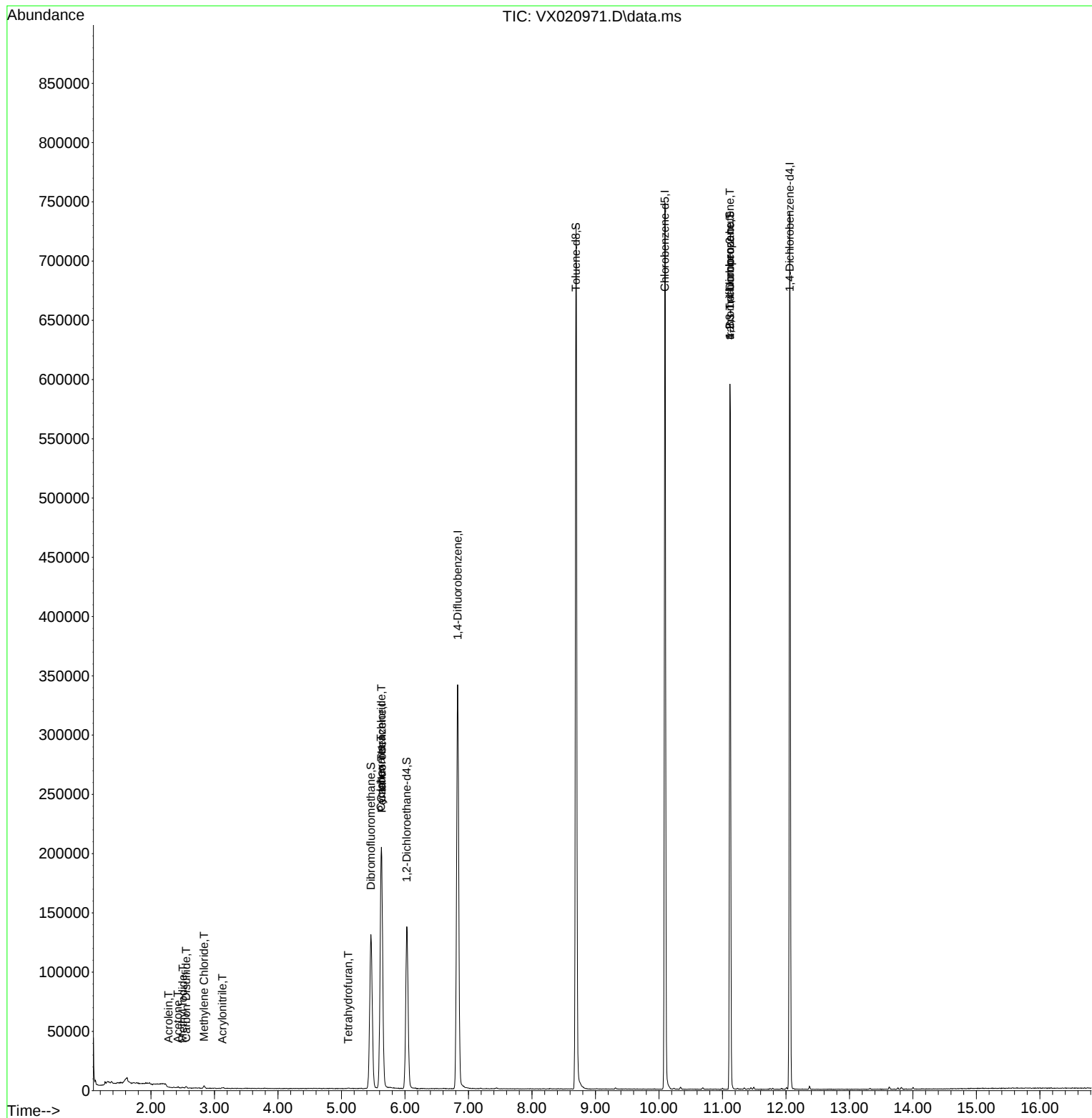
Internal Standards						
1) Pentafluorobenzene	5.634	168	203001	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	367574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	361360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	157695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	127938	46.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.32%		
35) Dibromofluoromethane	5.464	113	113081	50.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.26%		
50) Toluene-d8	8.694	98	455348	52.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.58%		
62) 4-Bromofluorobenzene	11.118	95	166530	51.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.44%		
Target Compounds						
5) Bromomethane	1.640	94	520	Below Cal		96
10) Methyl Iodide	2.499	142	817	0.28 ug/l #		89
13) Acrolein	2.275	56	218	0.58 ug/l #		26
15) Acrylonitrile	3.122	53	337	0.26 ug/l #		91
16) Acetone	2.422	43	983	0.87 ug/l		93
17) Carbon Disulfide	2.552	76	1666	0.26 ug/l #		87
20) Methylene Chloride	2.834	84	1036	0.38 ug/l #		87
29) Tetrahydrofuran	5.105	42	314	0.29 ug/l #		44
31) Cyclohexane	5.623	56	3889	0.98 ug/l #		1
38) Carbon Tetrachloride	5.629	117	18797	5.55 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	79873	23.54 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	79873	52.13 ug/l #		12

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

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Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

Quant Time: Mar 03 01:17:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

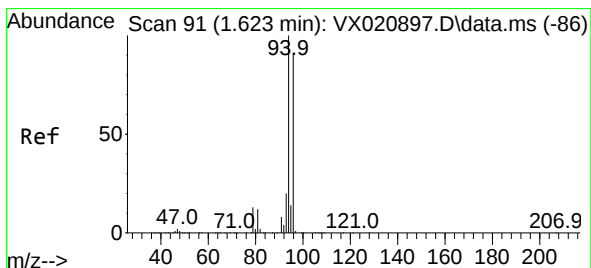
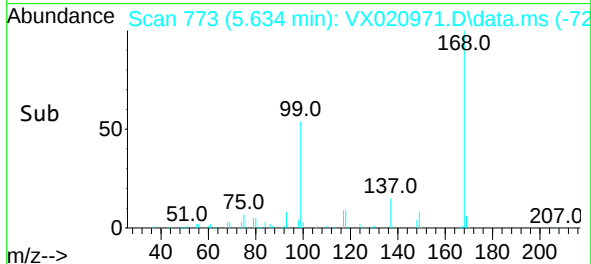
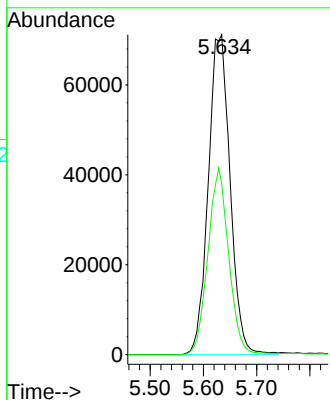
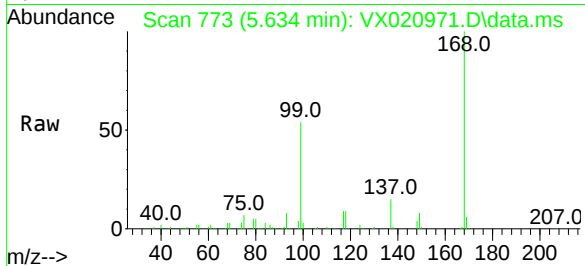




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.634 min Scan# 773
Delta R.T. 0.011 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

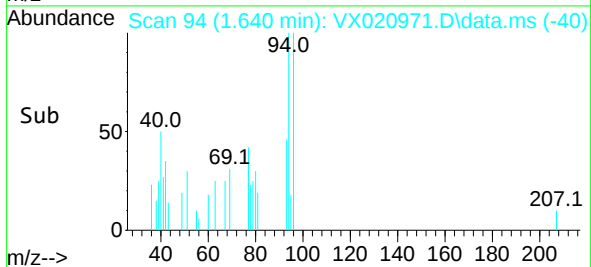
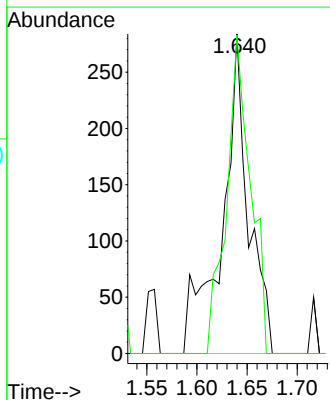
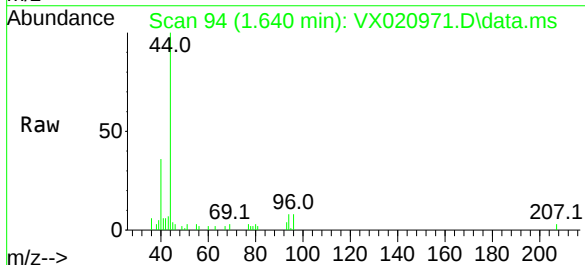
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

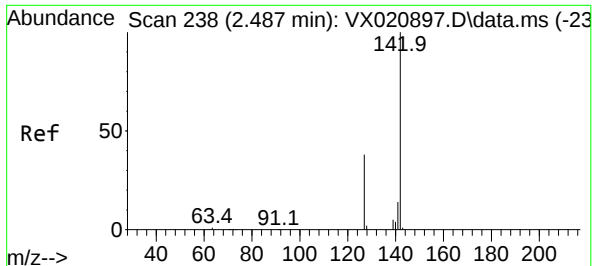
Tgt Ion:168 Resp: 203001
Ion Ratio Lower Upper
168 100
99 53.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 99.6 76.4 114.6

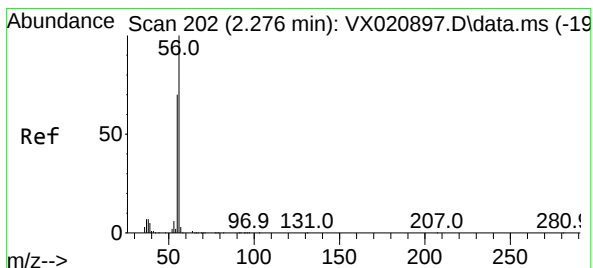
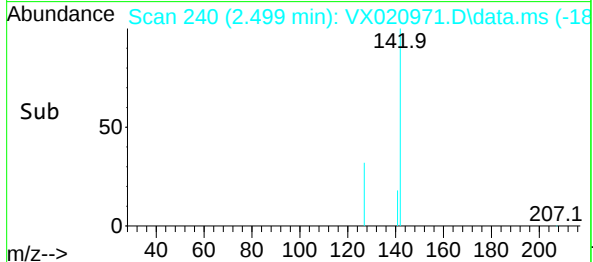
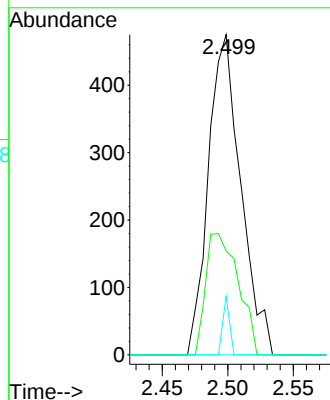
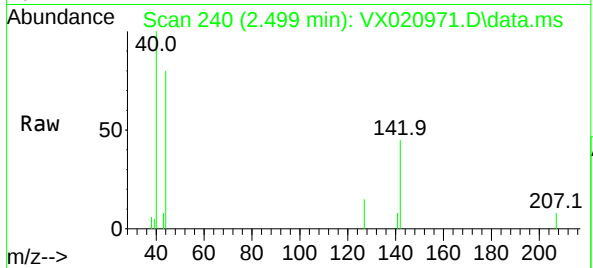




#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.011 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

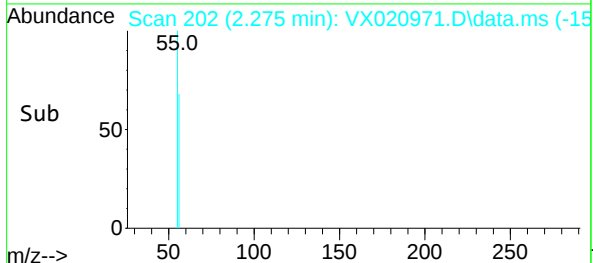
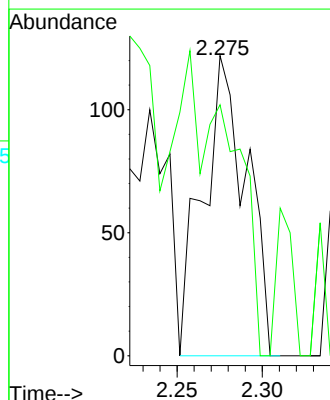
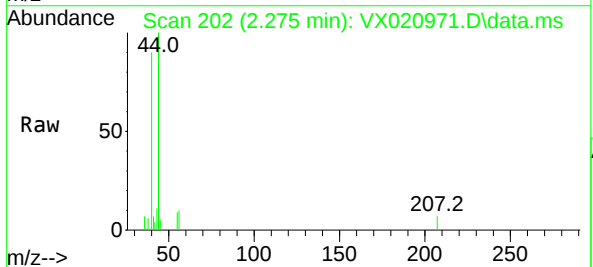
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

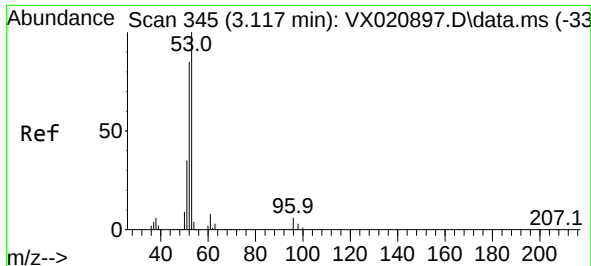
Tgt Ion:142 Resp: 817
Ion Ratio Lower Upper
142 100
127 38.1 33.3 49.9
141 3.8 11.4 17.0#



#13
Acrolein
Concen: 0.58 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 9.6 56.4 84.6#

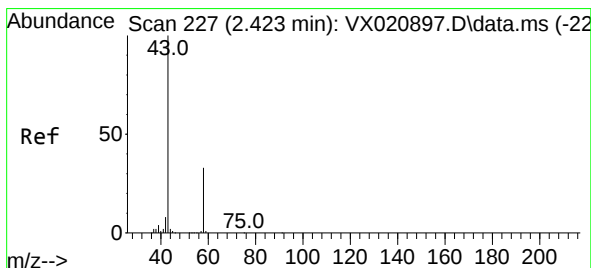
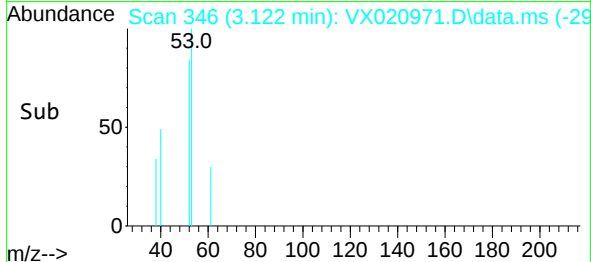
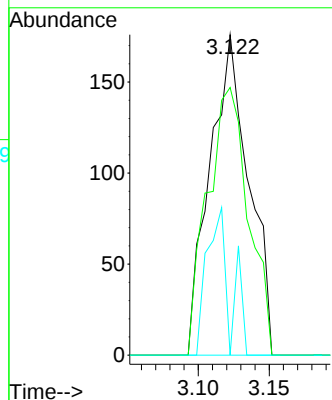
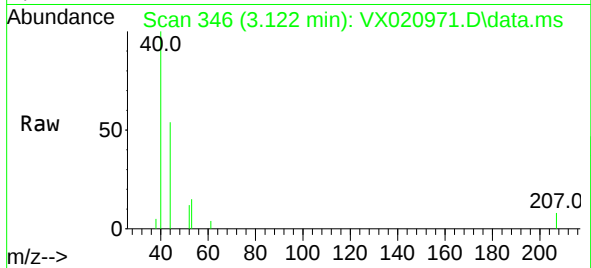




#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.122 min Scan# 346
Delta R.T. 0.005 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

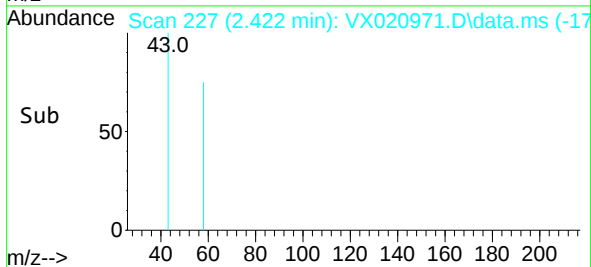
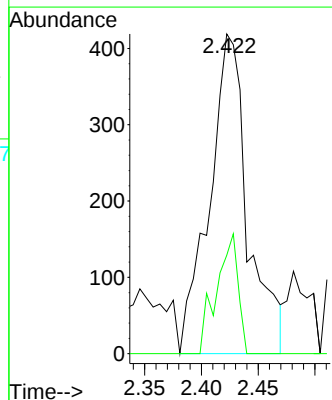
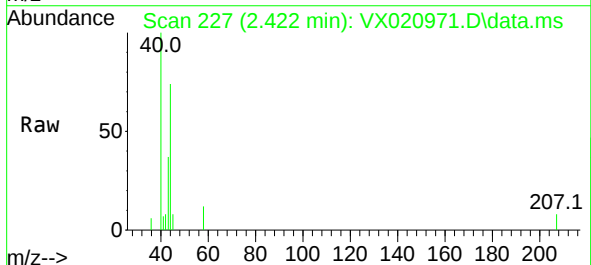
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

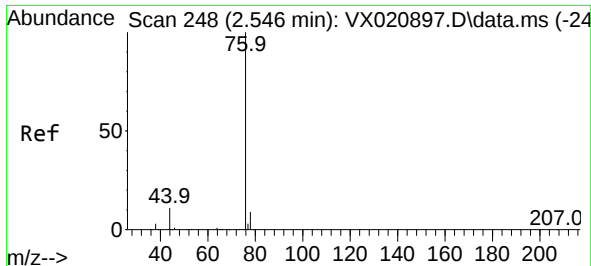
Tgt Ion: 53 Resp: 337
Ion Ratio Lower Upper
53 100
52 87.5 65.3 97.9
51 27.3 28.2 42.2#



#16
Acetone
Concen: 0.87 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

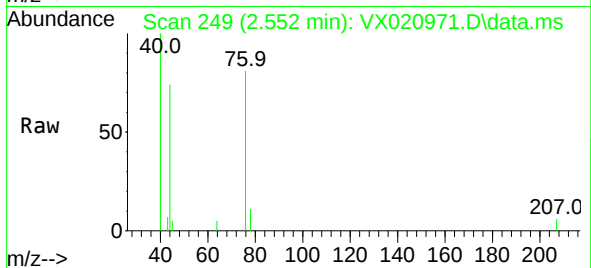
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



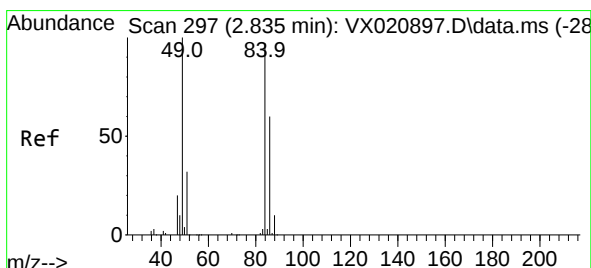
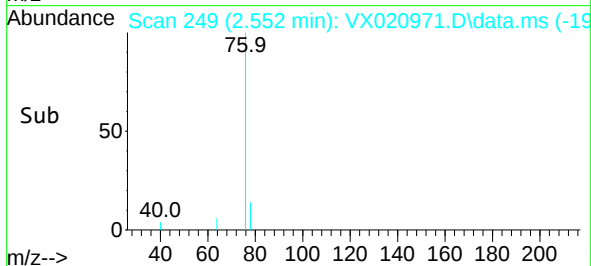
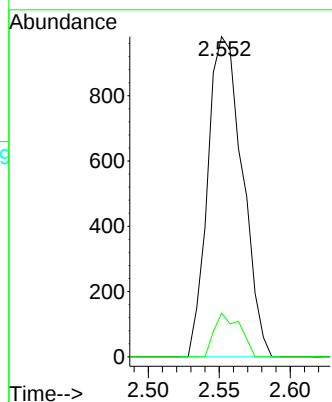


#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.005 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

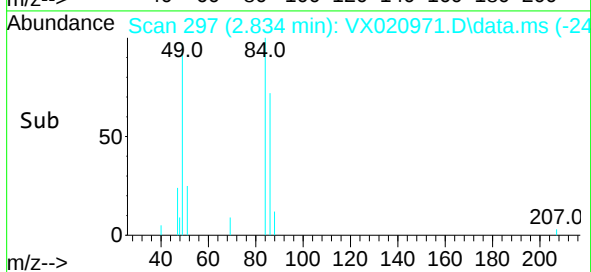
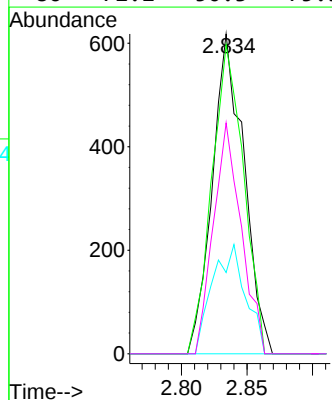
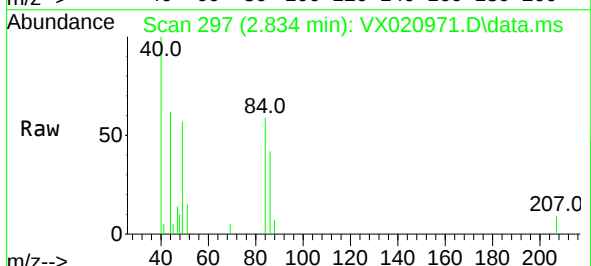


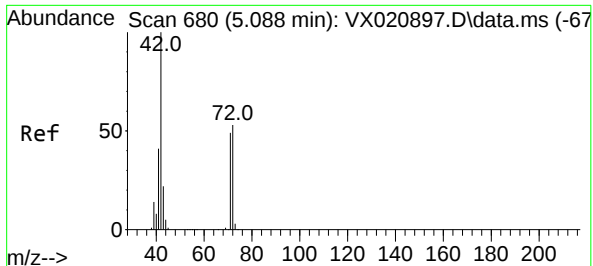
Tgt Ion: 76 Resp: 1666
Ion Ratio Lower Upper
76 100
78 13.7 7.2 10.8#



#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion: 84 Resp: 1036
Ion Ratio Lower Upper
84 100
49 96.6 88.6 132.8
51 25.4 27.0 40.6#
86 72.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 5.105 min Scan# 683

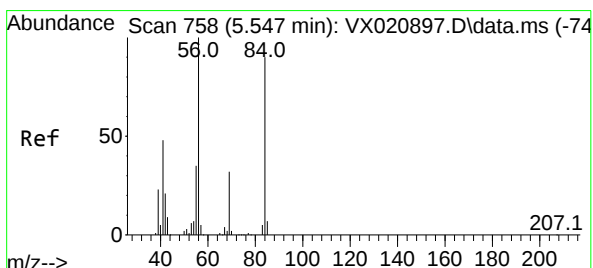
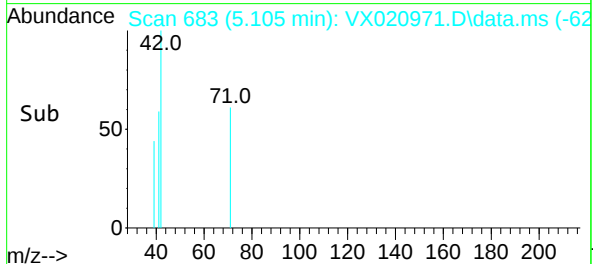
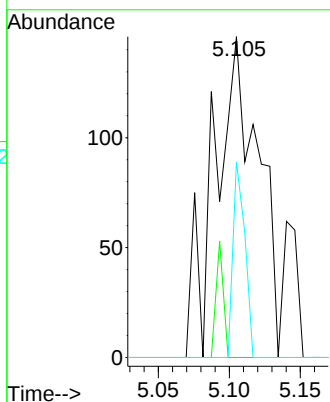
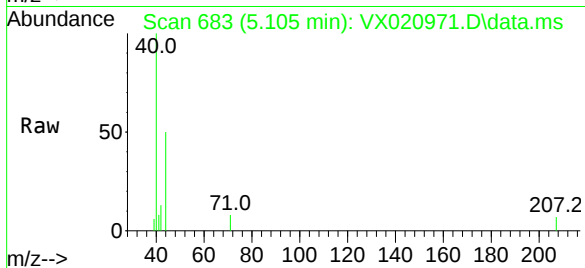
Delta R.T. 0.017 min

Lab File: VX020971.D

Acq: 02 Mar 2021 17:55

Instrument :
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ClientSampleId :
TRIP-BLANK

Tgt Ion: 42	Resp: 314
Ion Ratio	Lower Upper
42 100	
72 6.1	41.7 62.5#
71 16.6	38.4 57.6#



#31

Cyclohexane

Concen: 0.98 ug/l

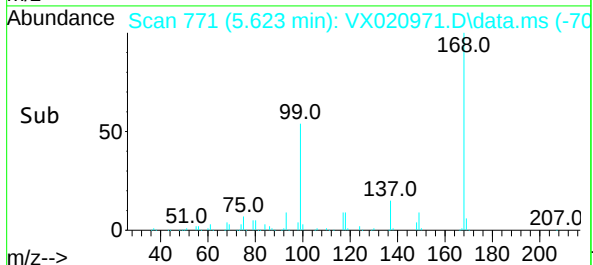
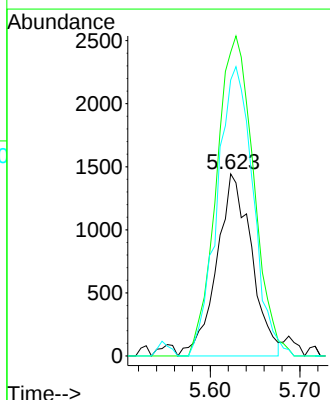
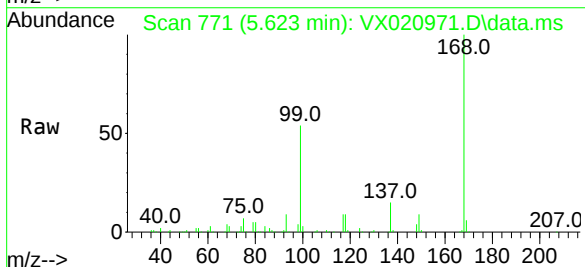
RT: 5.623 min Scan# 771

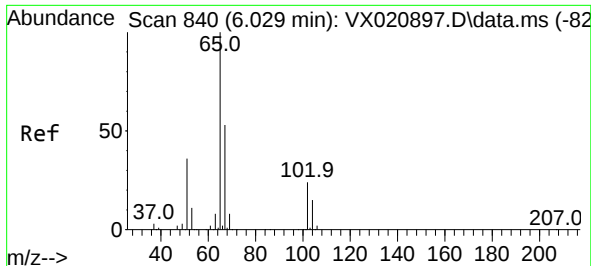
Delta R.T. 0.076 min

Lab File: VX020971.D

Acq: 02 Mar 2021 17:55

Tgt Ion: 56	Resp: 3889
Ion Ratio	Lower Upper
56 100	
69 166.8	25.3 37.9#
84 151.5	71.4 107.0#

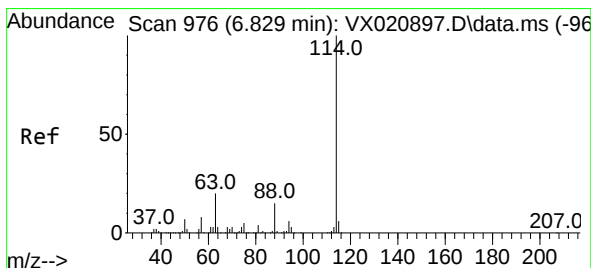
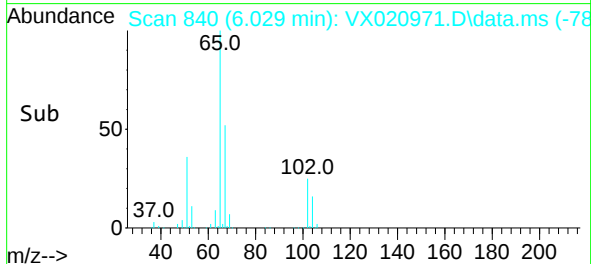
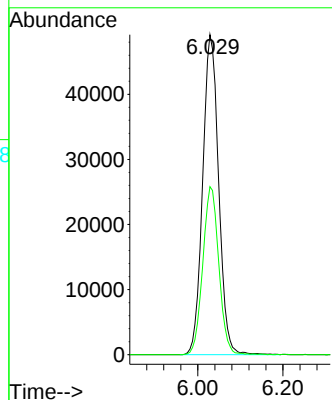
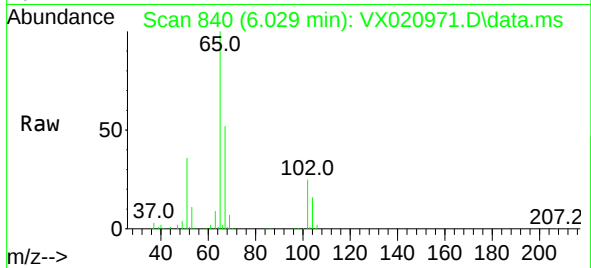




#33
1,2-Dichloroethane-d4
Concen: 46.66 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

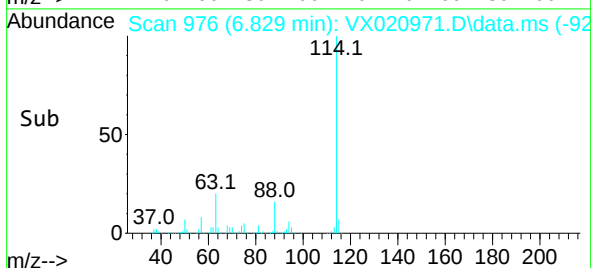
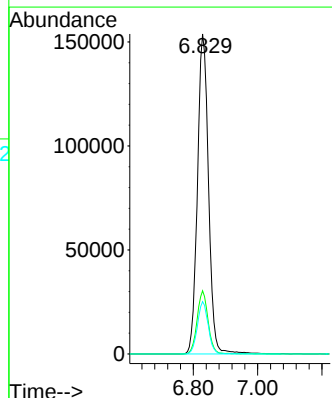
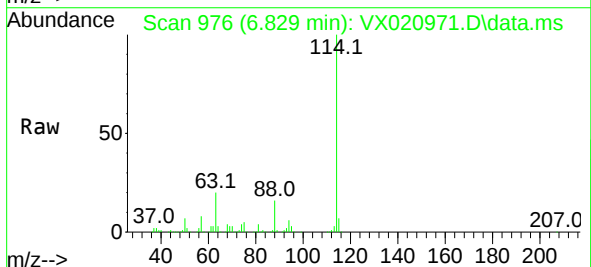
Instrument :
MSVOA_X
ClientSampleId :
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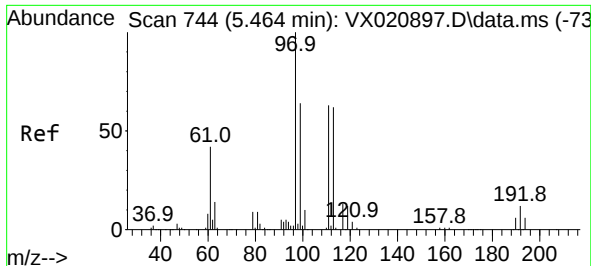
Tgt Ion: 65 Resp: 127938
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion: 114 Resp: 367574
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.4 0.0 32.8

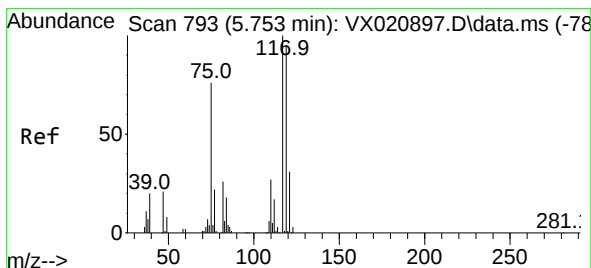
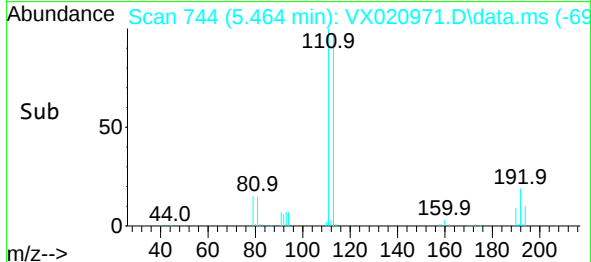
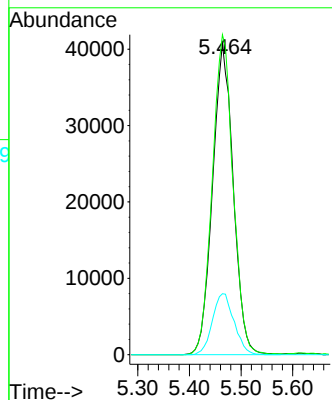
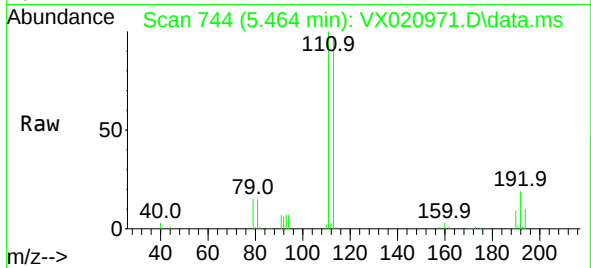




#35
Dibromofluoromethane
Concen: 50.63 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

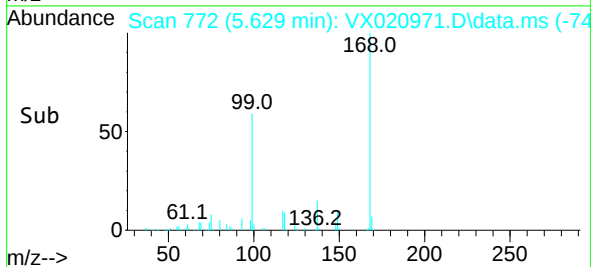
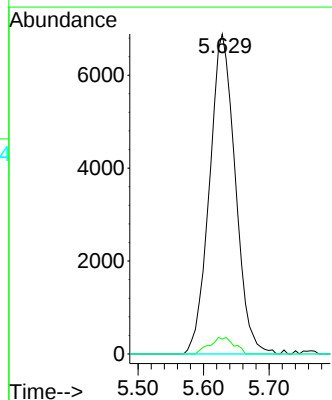
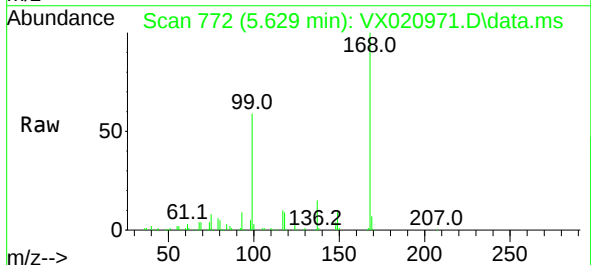
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

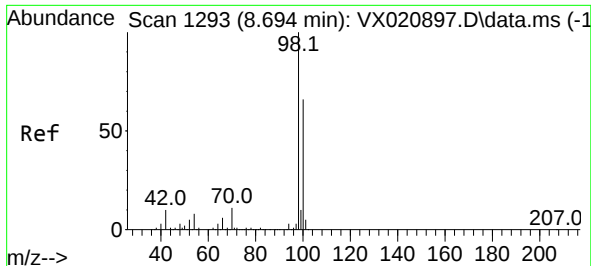
Tgt Ion:113 Resp: 113081
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.5 16.7 25.1



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion:117 Resp: 18797
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

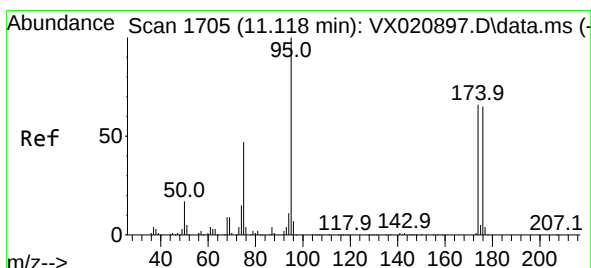
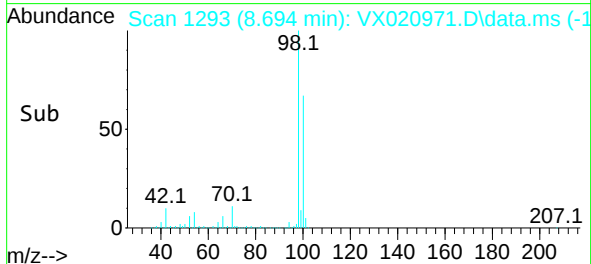
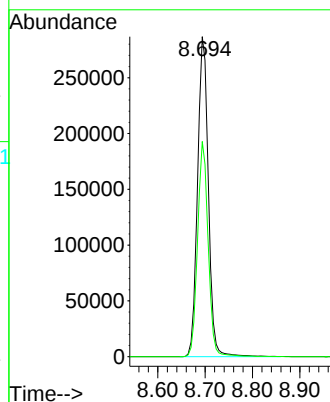
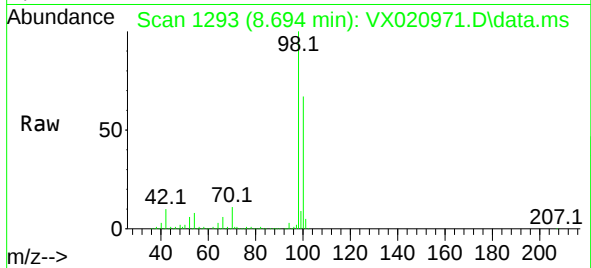




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

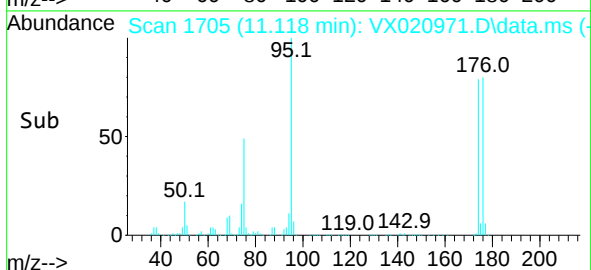
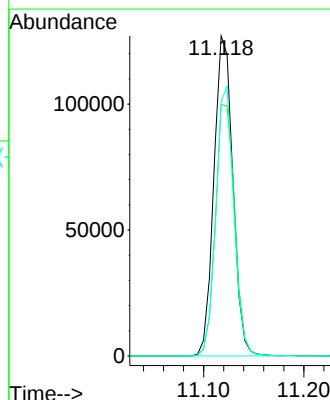
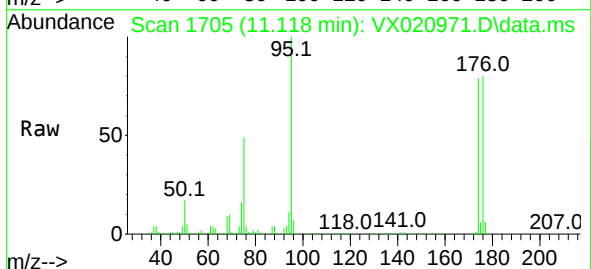
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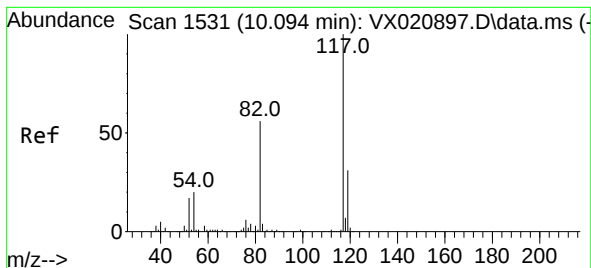
Tgt Ion: 98 Resp: 455348
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.72 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion: 95 Resp: 166530
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 80.0 0.0 155.8

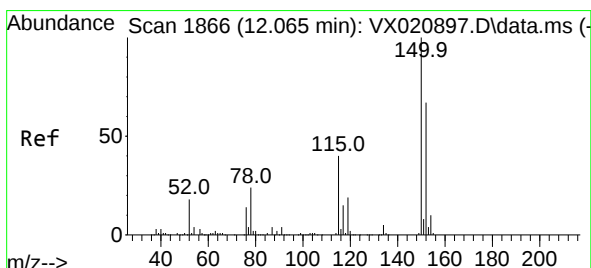
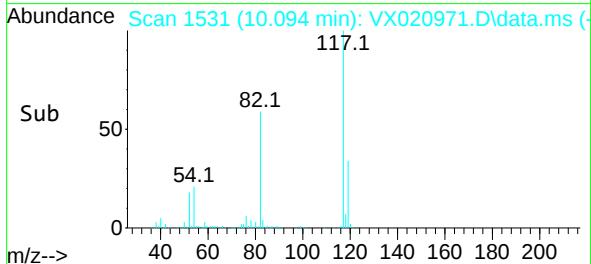
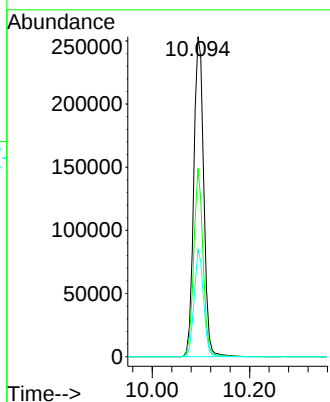
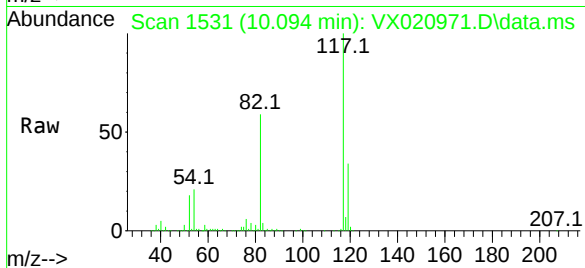




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

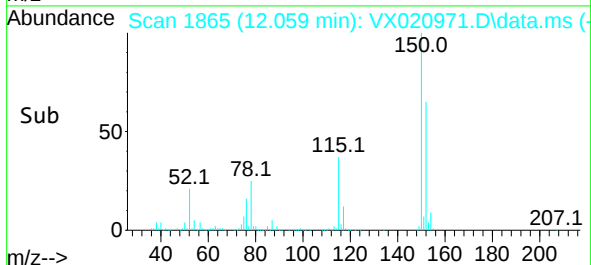
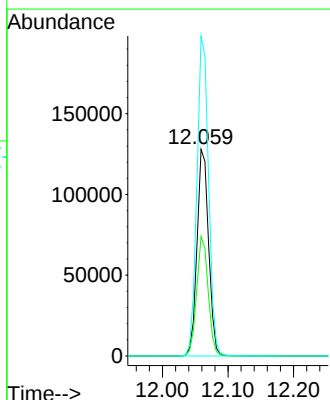
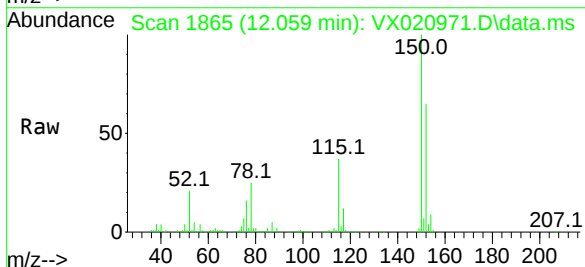
Instrument :
MSVOA_X
ClientSampleId :
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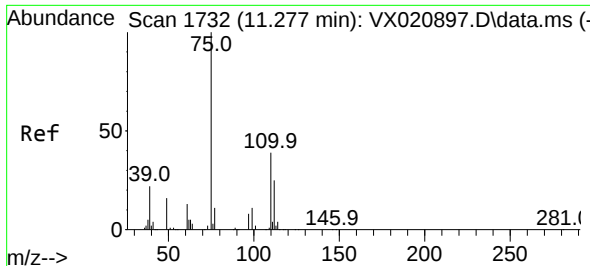
Tgt Ion:117 Resp: 361360
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 33.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion:152 Resp: 157695
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 155.8 0.0 349.0

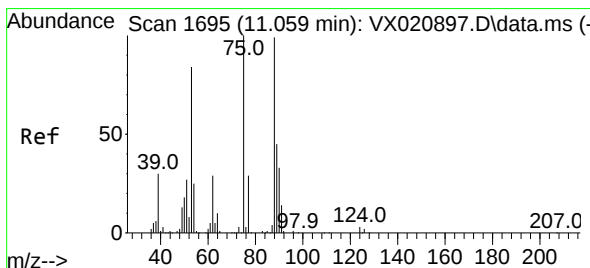
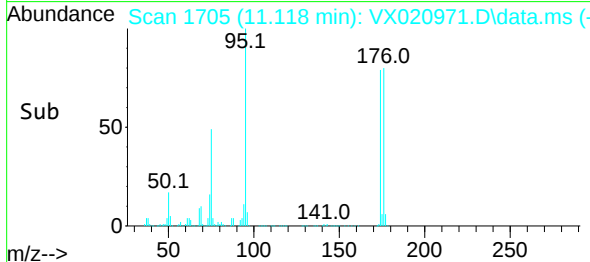
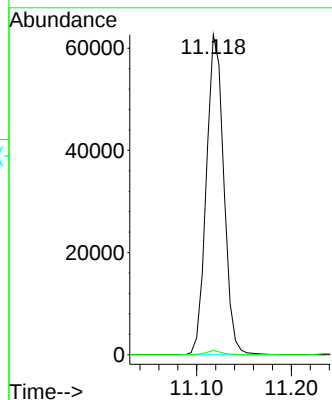
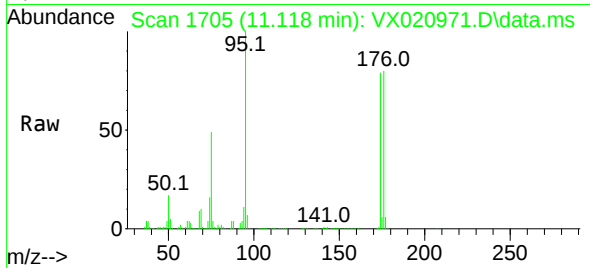




#76
1,2,3-Trichloropropane
Concen: 23.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 75 Resp: 79873
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX020971.D
Acq: 02 Mar 2021 17:55

Tgt Ion: 75 Resp: 79873
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

