

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021965.D
 Acq On : 13 May 2021 14:30
 Operator : JC/MD
 Sample : M2383-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 14 04:36:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

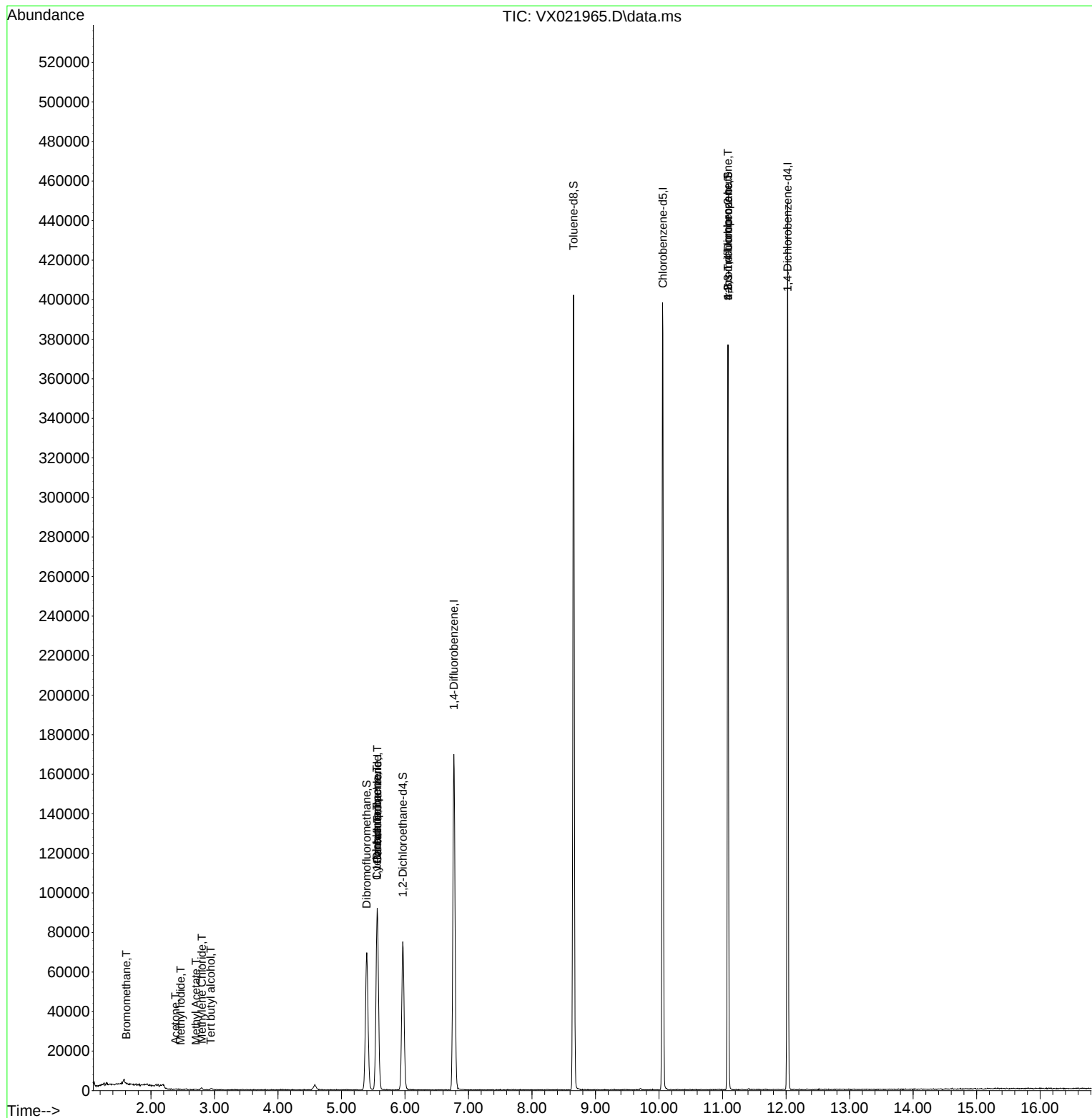
Internal Standards						
1) Pentafluorobenzene	5.562	168	79812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	173900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	180505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69018	52.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.10%			
35) Dibromofluoromethane	5.397	113	59785	50.17	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.34%			
50) Toluene-d8	8.653	98	233252	51.29	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.58%			
62) 4-Bromofluorobenzene	11.085	95	101720	56.67	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.34%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	183	0.34	ug/l #	56
10) Methyl Iodide	2.465	142	344	0.28	ug/l #	81
11) Tert butyl alcohol	2.940	59	161	0.46	ug/l #	90
13) Acrolein	2.233	56	62	Below Cal	#	14
16) Acetone	2.386	43	446	0.76	ug/l #	40
18) Methyl Acetate	2.709	43	433	0.27	ug/l #	47
20) Methylene Chloride	2.800	84	428	0.50	ug/l #	87
31) Cyclohexane	5.556	56	2164	1.25	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	7426	4.03	ug/l #	47
38) Carbon Tetrachloride	5.562	117	9026	4.90	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	51844	22.37	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51844	51.89	ug/l #	12

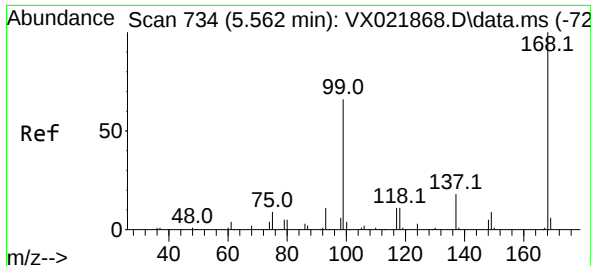
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
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Response via : Initial Calibration

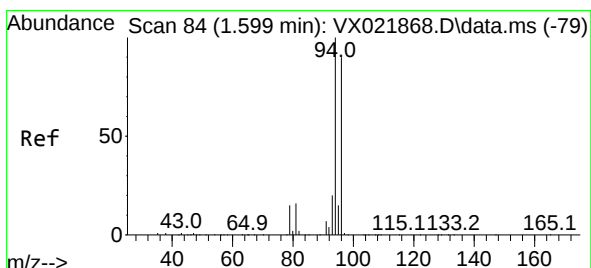
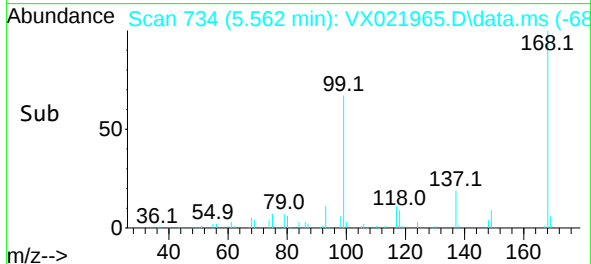
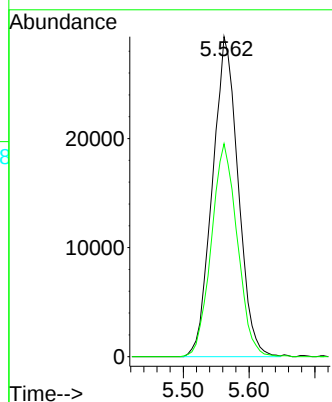
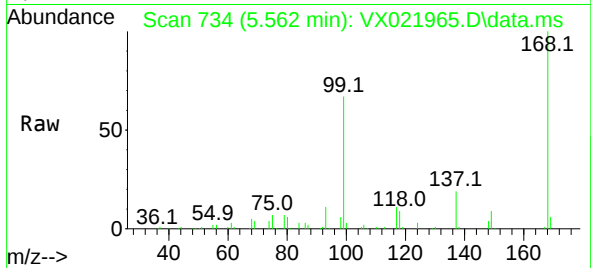




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

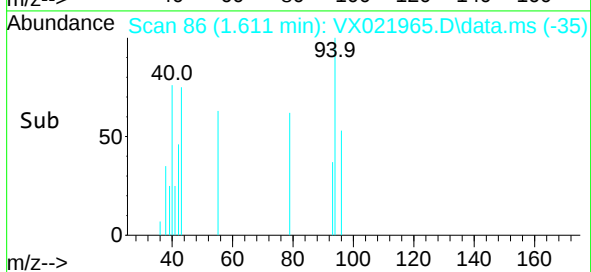
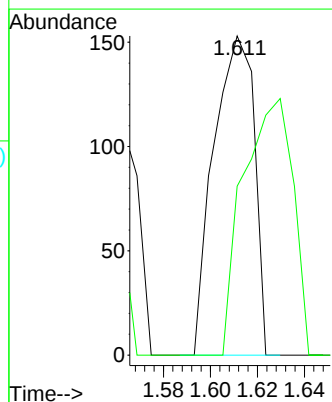
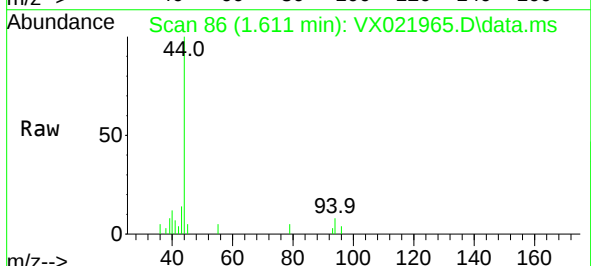
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

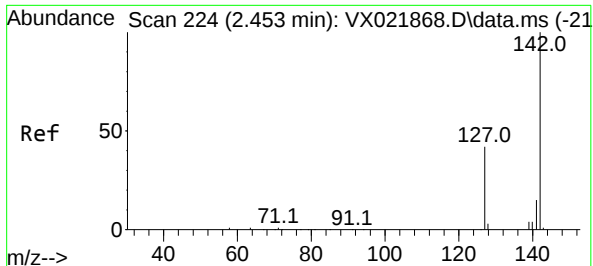
Tgt Ion:168 Resp: 79812
Ion Ratio Lower Upper
168 100
99 66.5 45.8 68.6



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

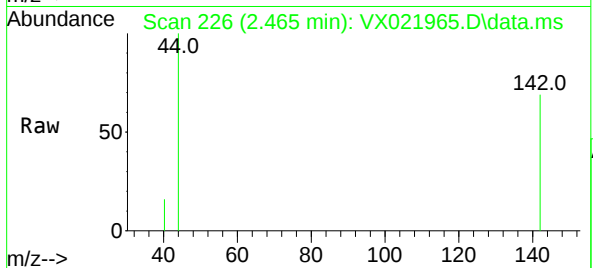
Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 52.9 76.4 114.6#



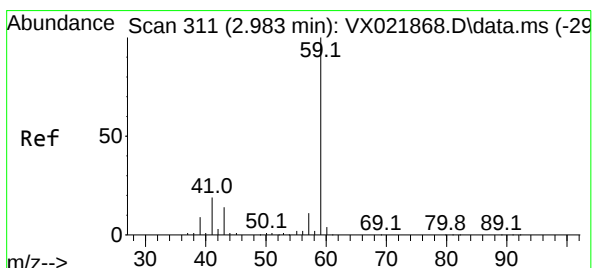
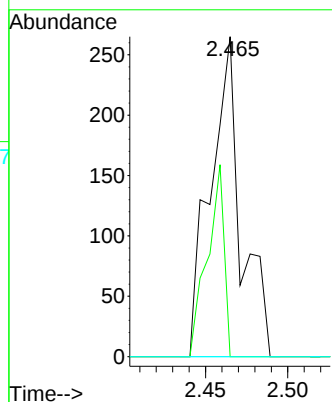
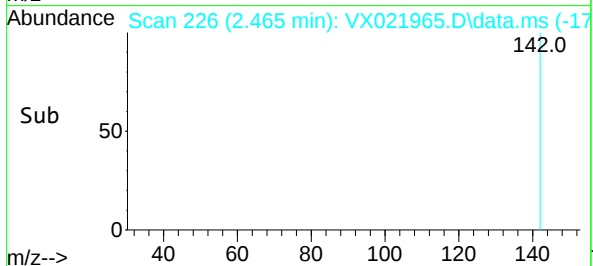


#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

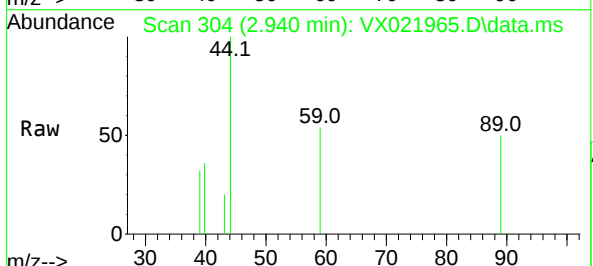
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



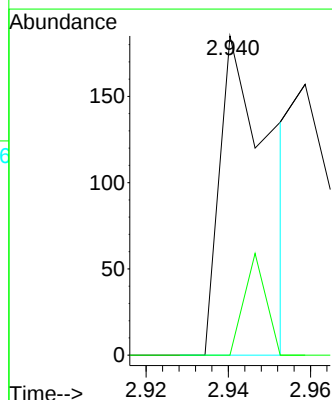
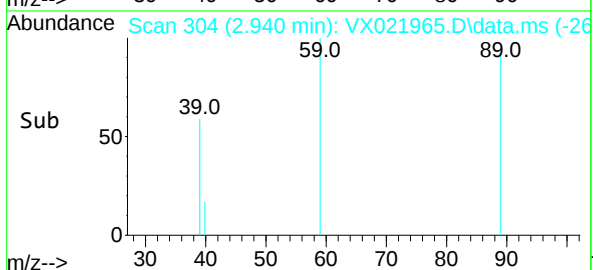
Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
127 32.8 33.3 49.9#
141 0.0 11.4 17.0#

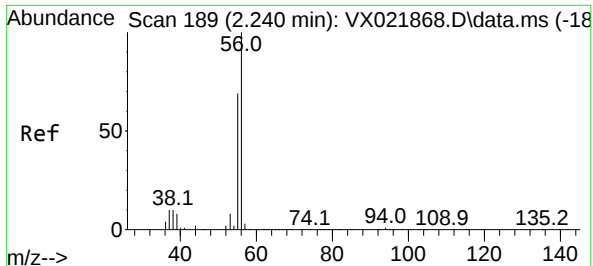


#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30



Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 13.7 7.8 11.8#

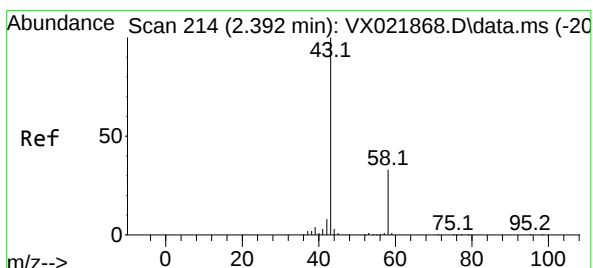
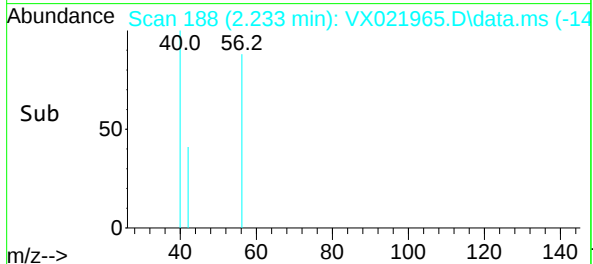
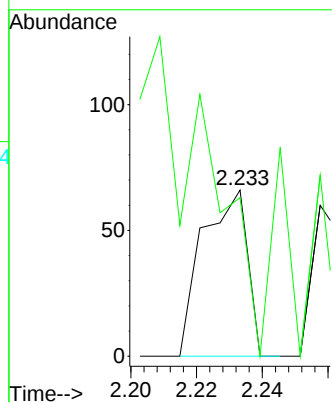
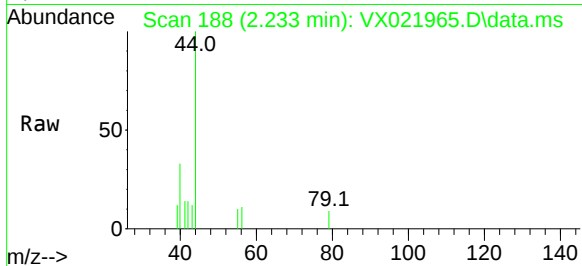




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

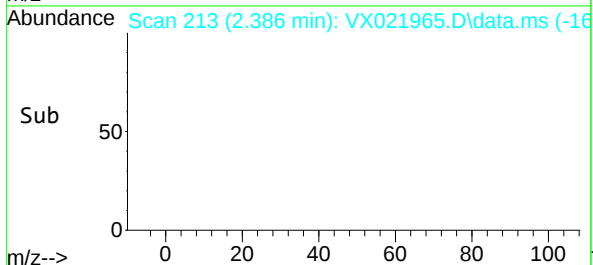
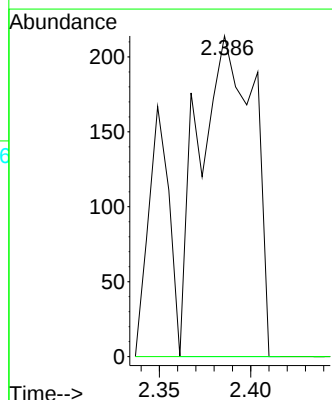
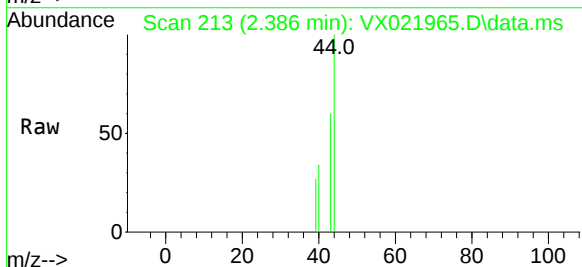
Instrument :
MSVOA_X
ClientSampleId :
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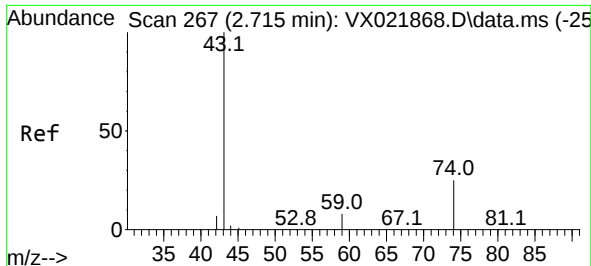
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.76 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

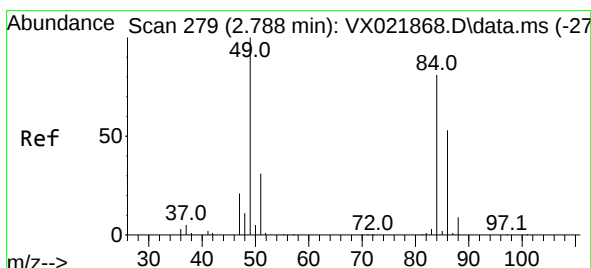
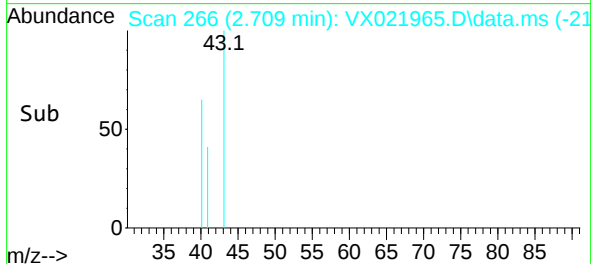
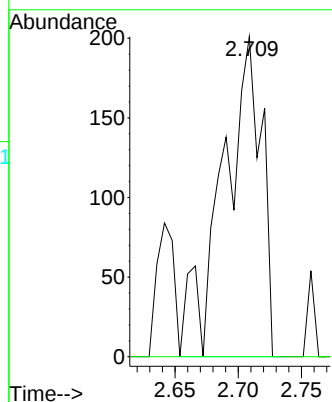
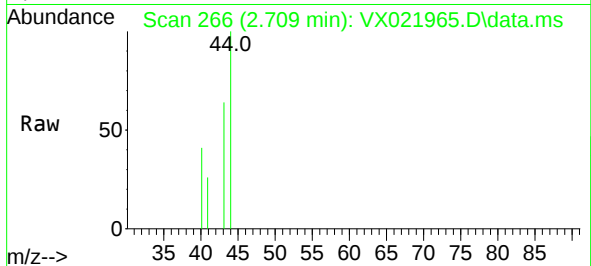




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

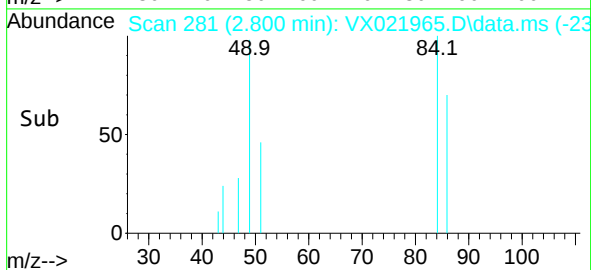
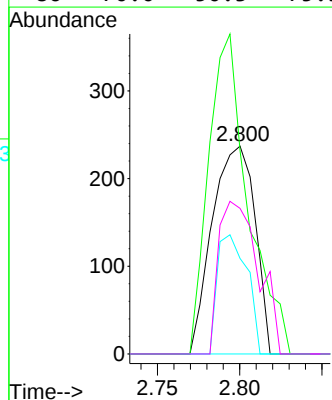
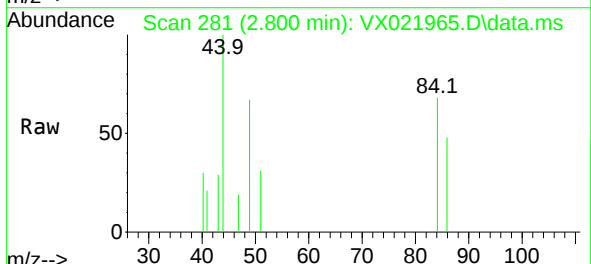
Instrument :
MSVOA_X
ClientSampleId :
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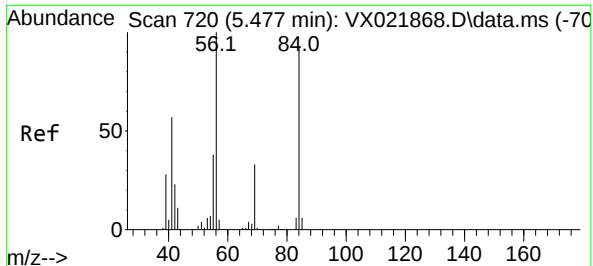
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.50 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion: 84 Resp: 428
Ion Ratio Lower Upper
84 100
49 97.9 88.6 132.8
51 46.0 27.0 40.6#
86 70.0 50.3 75.5

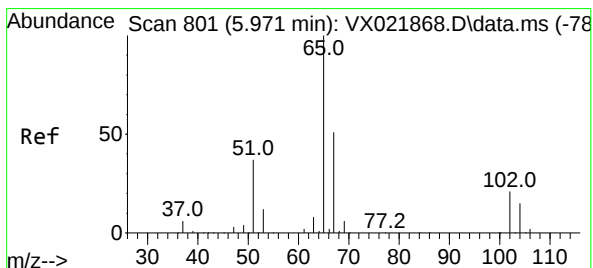
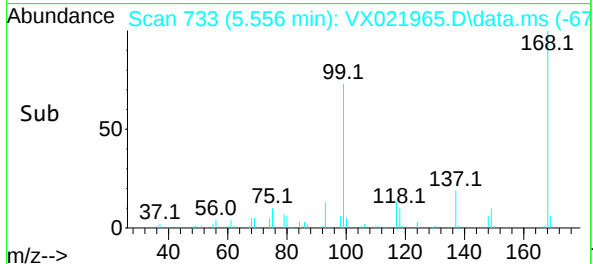
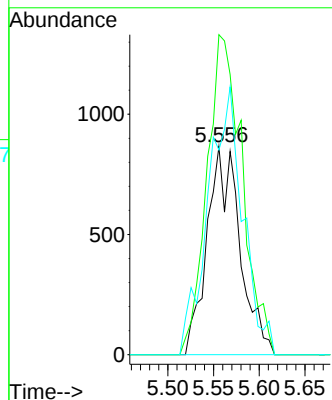
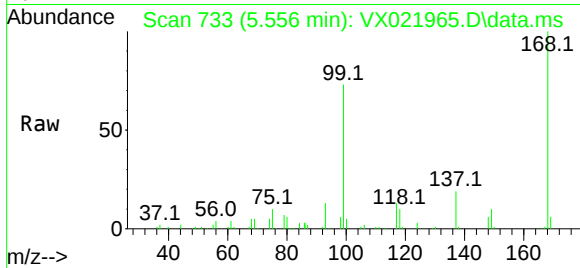




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

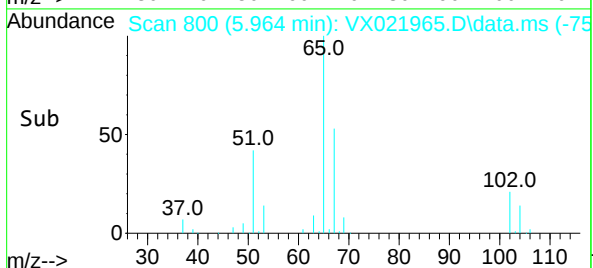
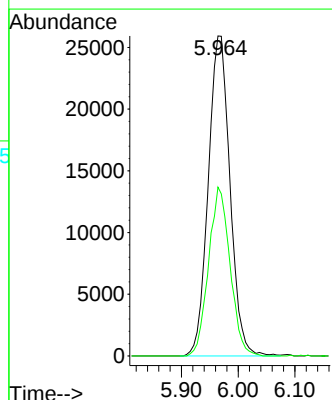
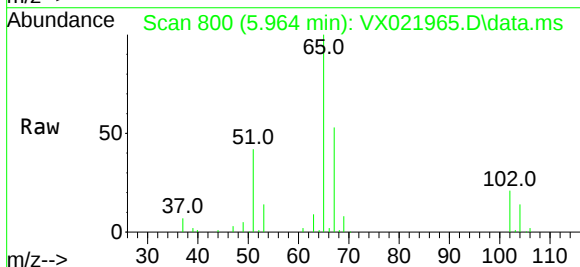
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ClientSampleId :
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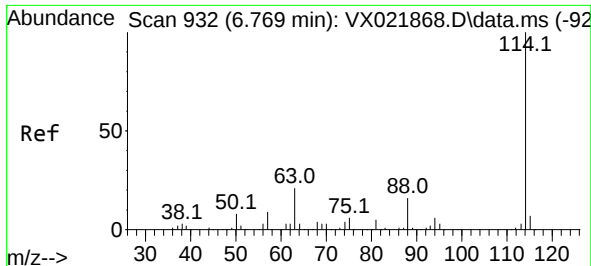
Tgt Ion: 56 Resp: 2164
Ion Ratio Lower Upper
56 100
69 153.7 25.3 37.9#
84 98.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.55 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion: 65 Resp: 69018
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

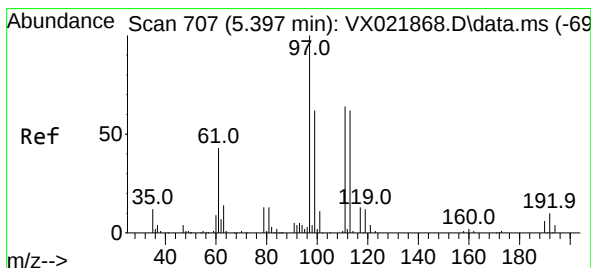
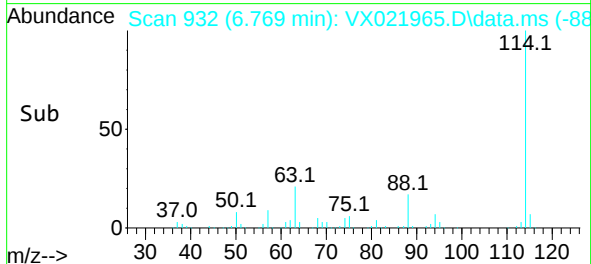
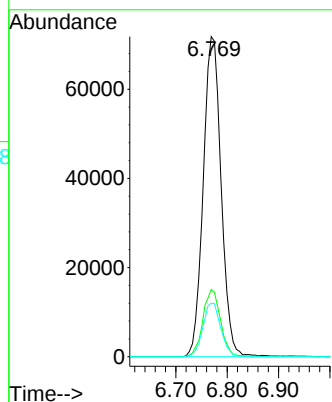
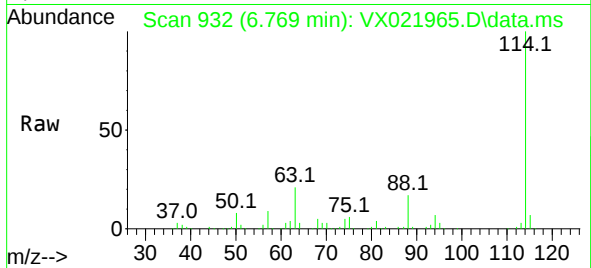




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

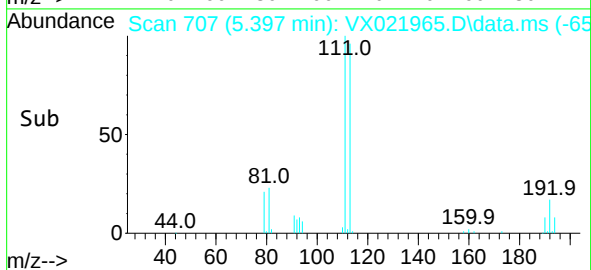
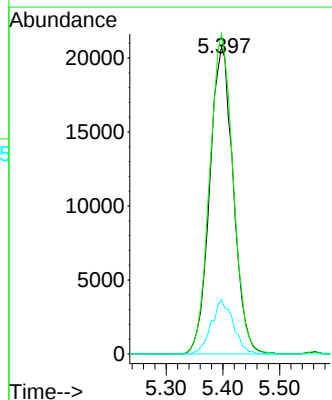
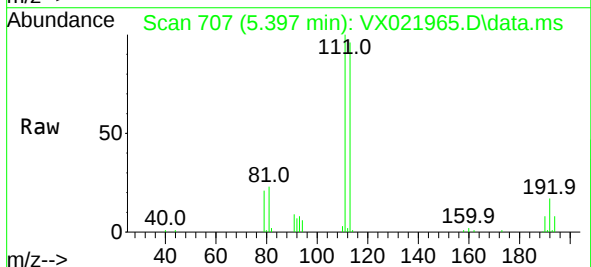
Instrument :
MSVOA_X
ClientSampleId :
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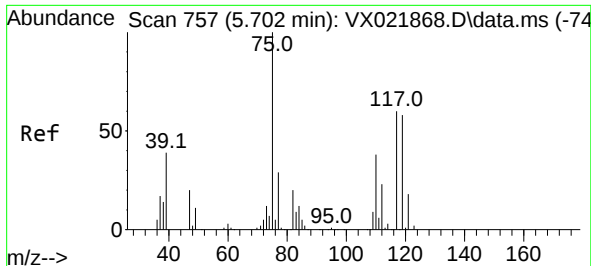
Tgt Ion:114 Resp: 173900
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion:113 Resp: 59785
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 16.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.03 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX021965.D

Acq: 13 May 2021 14:30

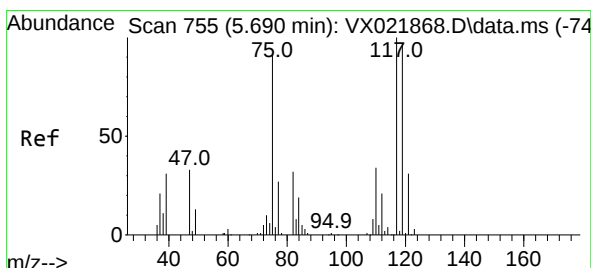
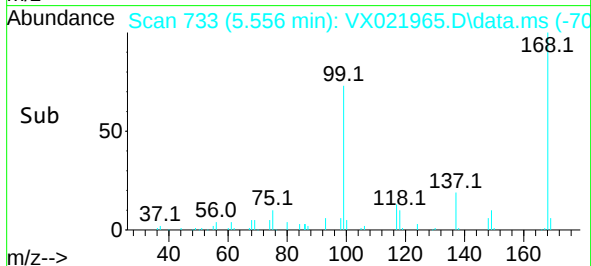
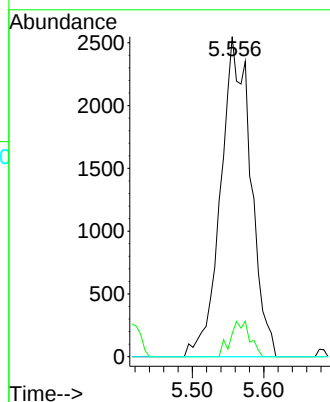
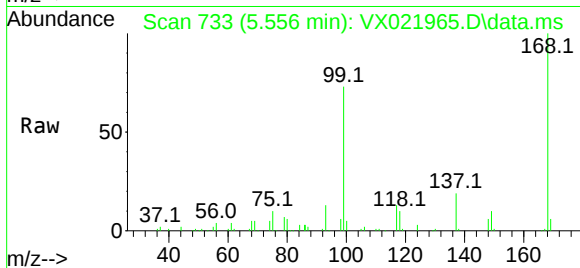
Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 75	Resp: 7426
Ion Ratio	Lower Upper
75 100	
110 7.2	18.1 54.4#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.90 ug/l

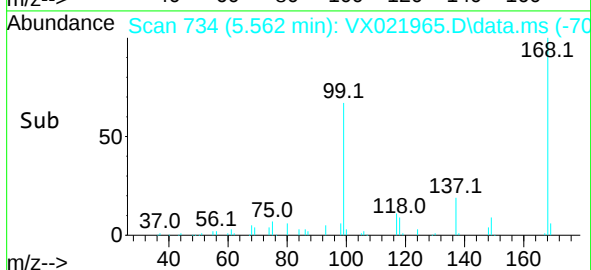
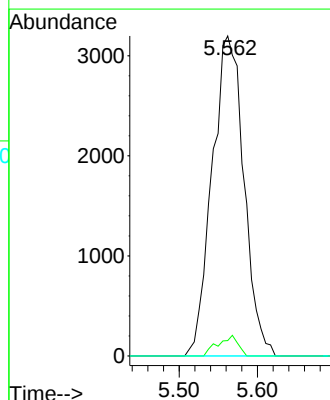
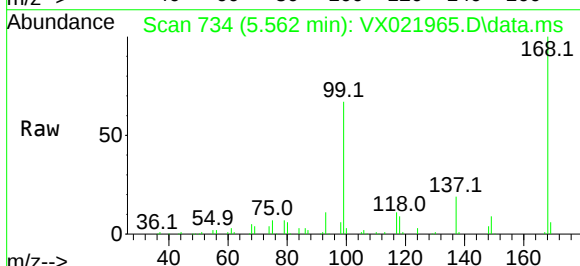
RT: 5.562 min Scan# 734

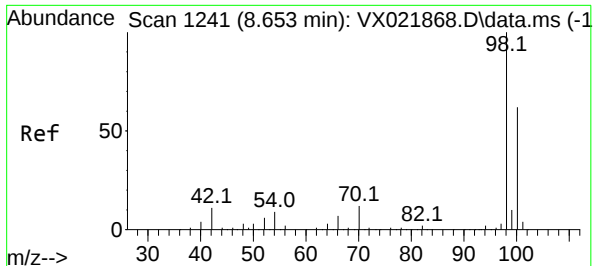
Delta R.T. -0.128 min

Lab File: VX021965.D

Acq: 13 May 2021 14:30

Tgt Ion: 117	Resp: 9026
Ion Ratio	Lower Upper
117 100	
119 4.8	76.2 114.2#
121 0.0	24.8 37.2#

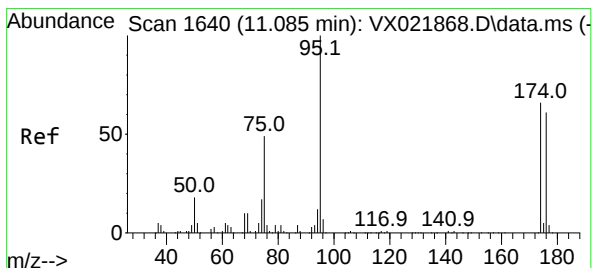
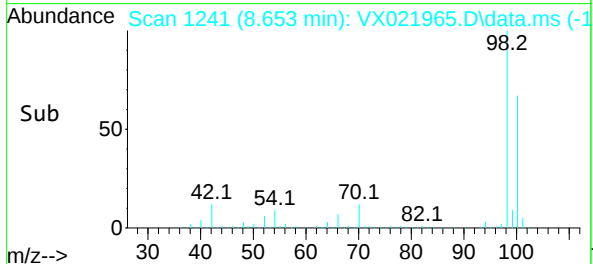
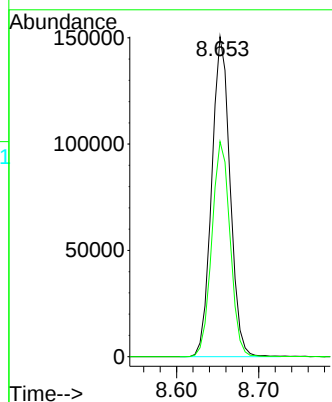
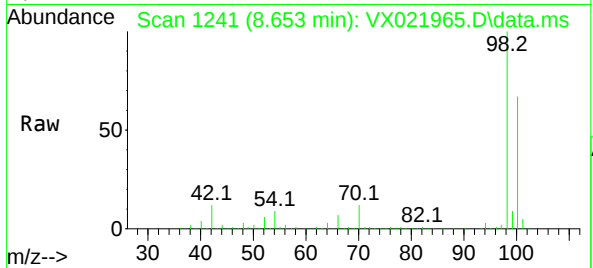




#50
Toluene-d8
Concen: 51.29 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

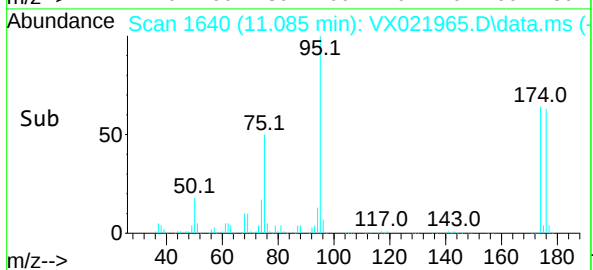
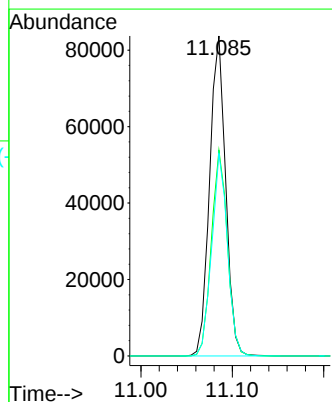
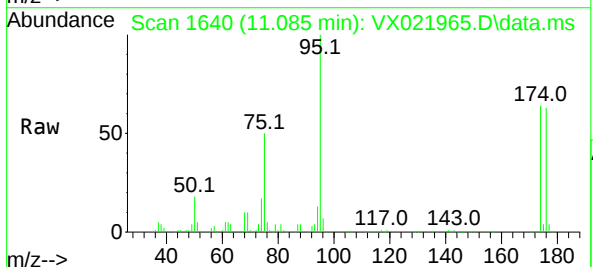
Instrument :
MSVOA_X
ClientSampleId :
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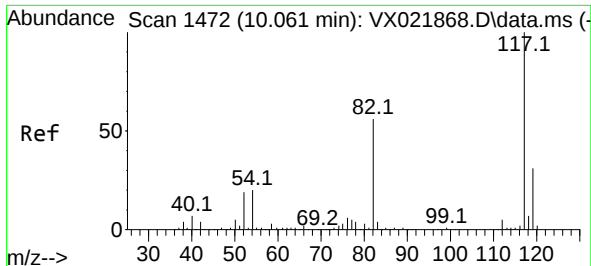
Tgt Ion: 98 Resp: 233252
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.67 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion: 95 Resp: 101720
Ion Ratio Lower Upper
95 100
174 64.4 0.0 154.6
176 62.2 0.0 155.8

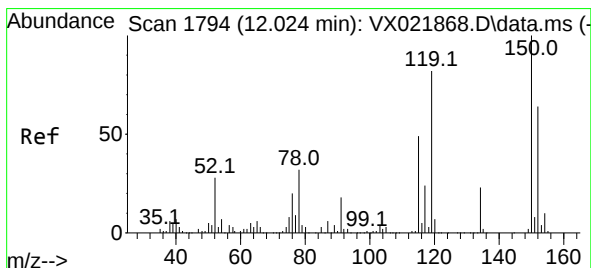
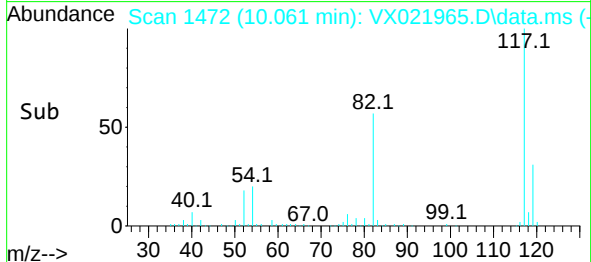
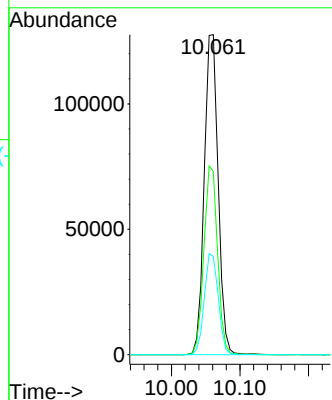
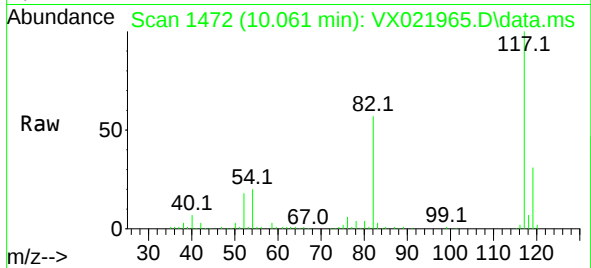




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

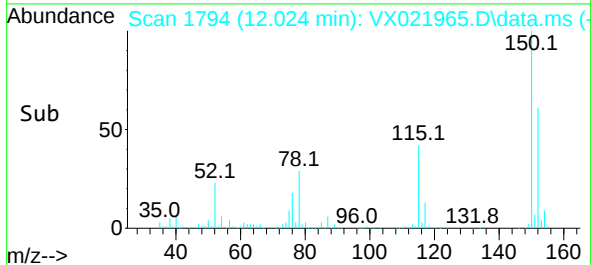
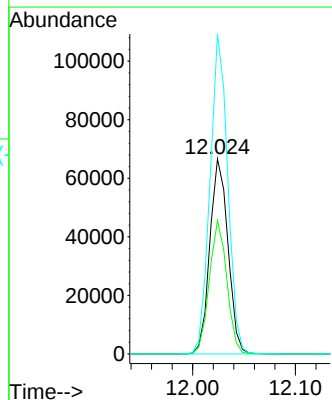
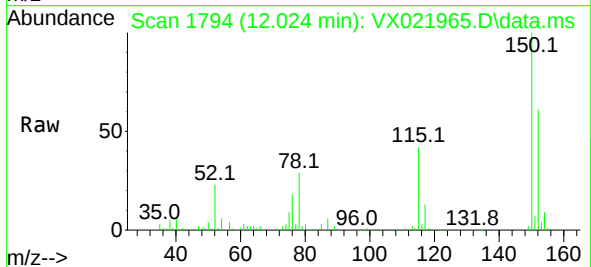
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

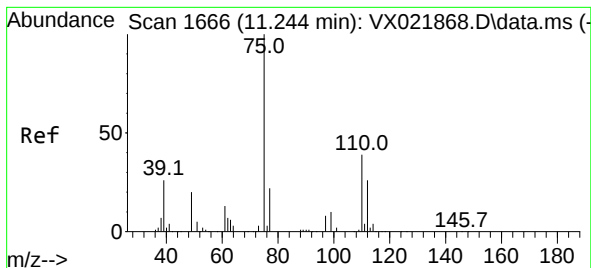
Tgt Ion:117 Resp: 180505
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion:152 Resp: 81516
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 159.9 0.0 349.0

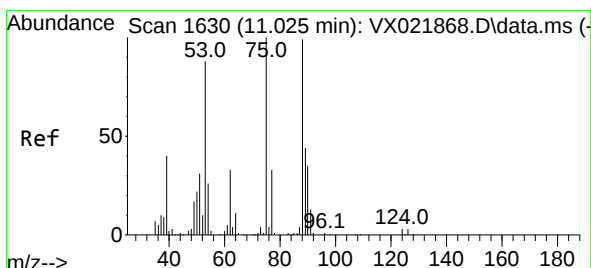
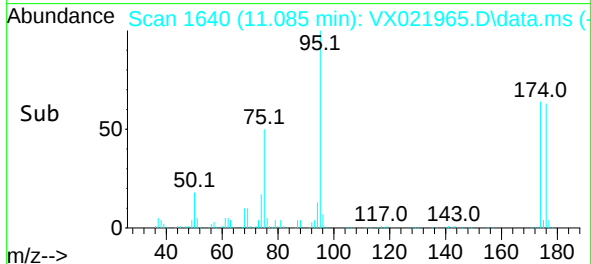
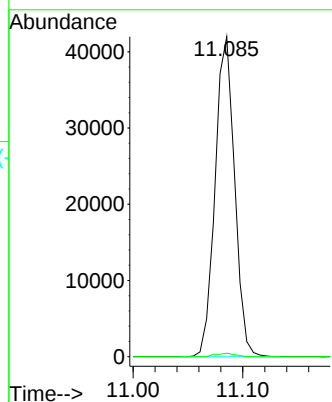
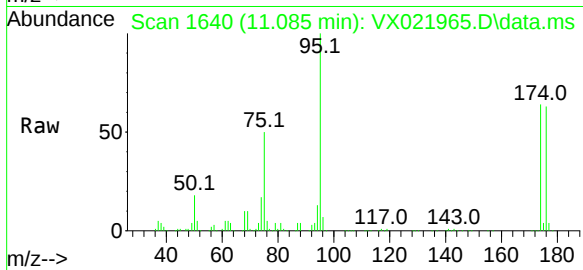




#76
1,2,3-Trichloropropane
Concen: 22.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 51844
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021965.D
Acq: 13 May 2021 14:30

Tgt Ion: 75 Resp: 51844
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

