

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023165.D
 Acq On : 07 Jul 2021 12:19
 Operator : JC/MD
 Sample : M2939-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:17:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

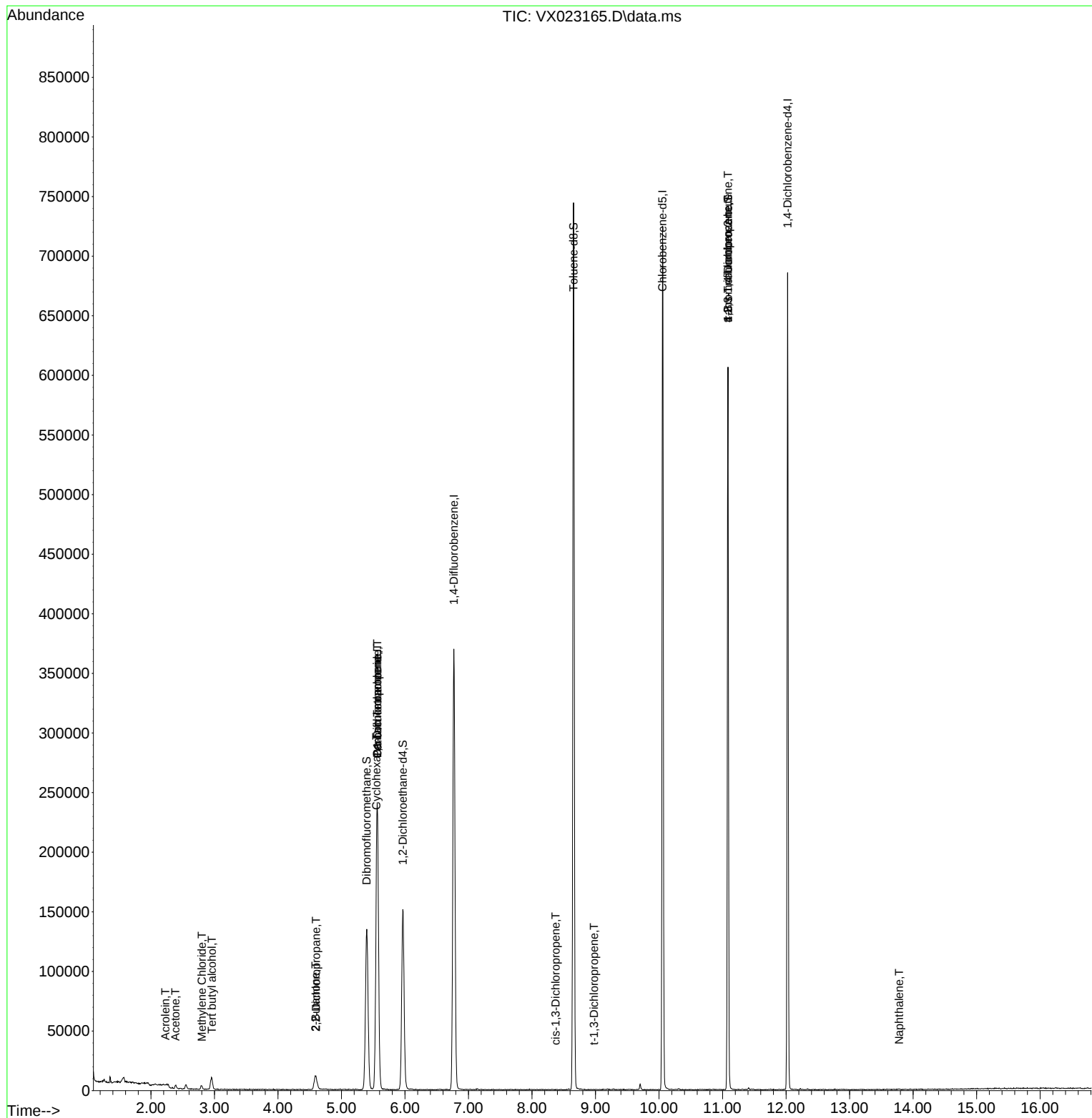
Internal Standards						
1) Pentafluorobenzene	5.562	168	223700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	368439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152982	50.883	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.760%			
35) Dibromofluoromethane	5.397	113	114681	48.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.400%			
50) Toluene-d8	8.653	98	439627	49.535	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.085	95	156634	45.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.440%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	486	Below Cal		85
11) Tert butyl alcohol	2.959	59	5912	9.347 ug/l #		77
13) Acrolein	2.227	56	149	0.354 ug/l #		1
16) Acetone	2.386	43	2977	2.503 ug/l #		87
20) Methylene Chloride	2.800	84	1394	0.544 ug/l #		85
25) 2-Butanone	4.593	43	1267	0.706 ug/l #		86
26) 2,2-Dichloropropane	4.599	77	937	0.270 ug/l #		52
31) Cyclohexane	5.550	56	4806	1.335 ug/l #		24
36) 1,1-Dichloropropene	5.562	75	17553	5.344 ug/l #		49
38) Carbon Tetrachloride	5.562	117	23521	6.861 ug/l #		16
53) t-1,3-Dichloropropene	8.976	75	24	2.742 ug/l #		44
54) cis-1,3-Dichloropropene	8.372	75	24	2.178 ug/l #		31
76) 1,2,3-Trichloropropane	11.085	75	81511	29.437 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.085	75	81511	79.128 ug/l #		12
95) Naphthalene	13.780	128	372	1.311 ug/l #		69

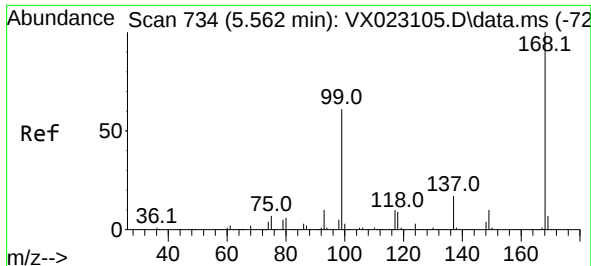
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
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MSVOA_X
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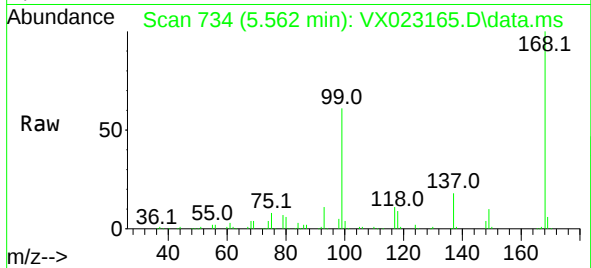
Quant Time: Jul 08 03:17:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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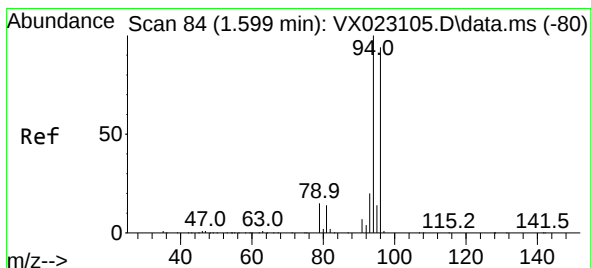
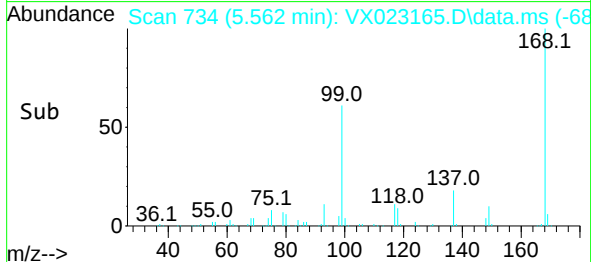
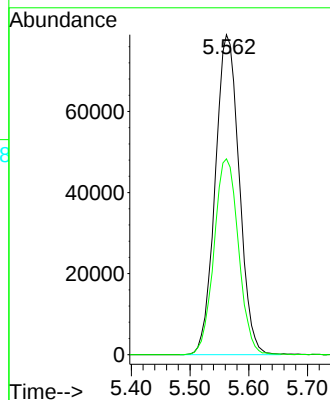


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Instrument :
MSVOA_X
ClientSampled :

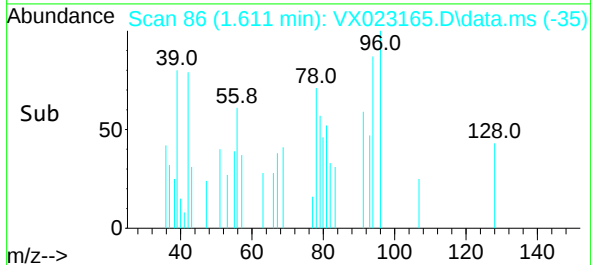
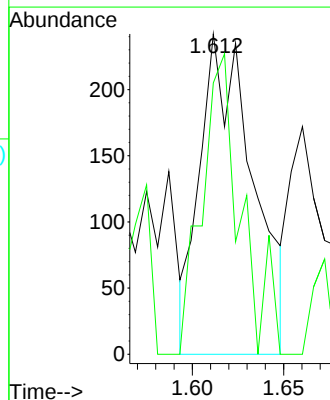
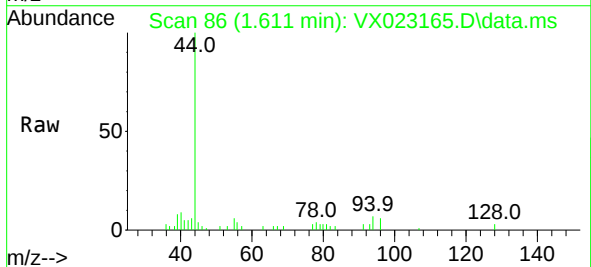


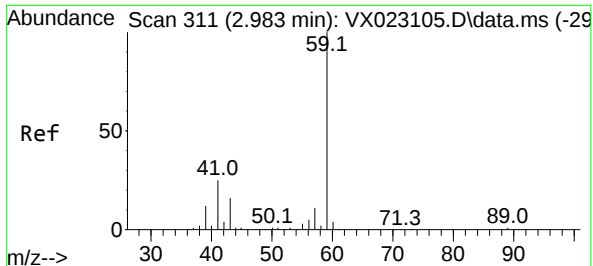
Tgt Ion:168 Resp: 223700
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 110.2 76.4 114.6



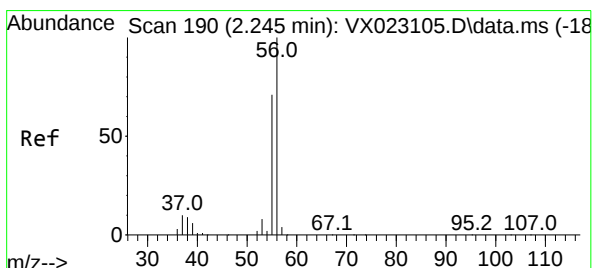
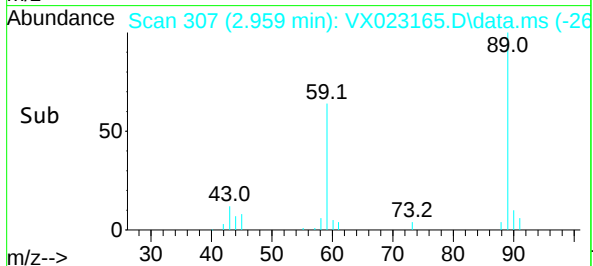
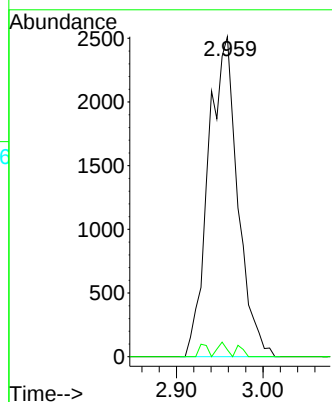
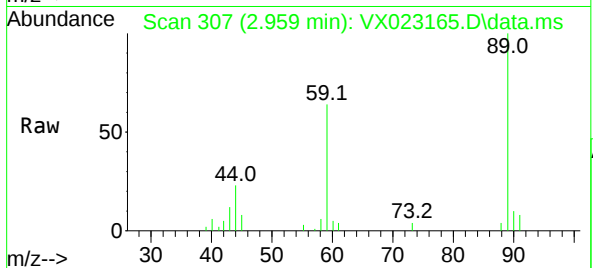


#11

Tert butyl alcohol
Concen: 9.347 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Instrument :
MSVOA_X
ClientSampled :

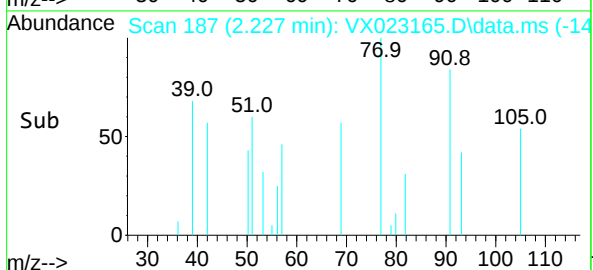
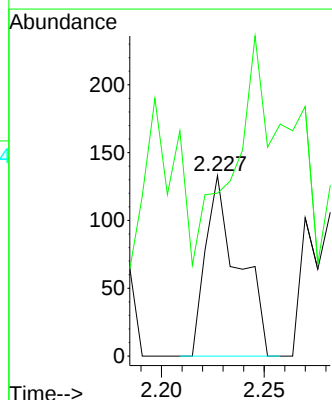
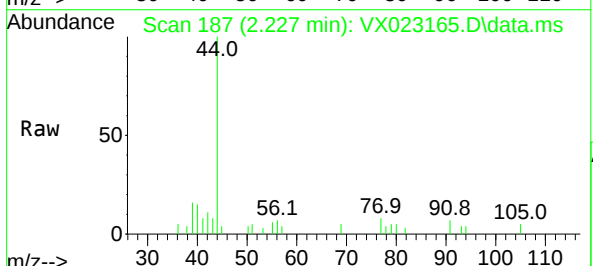
Tgt Ion: 59 Resp: 5912
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#

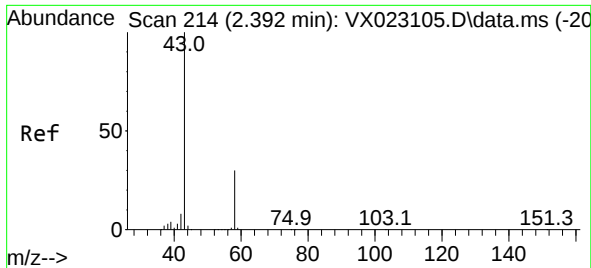


#13

Acrolein
Concen: 0.354 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 483.2 56.4 84.6#

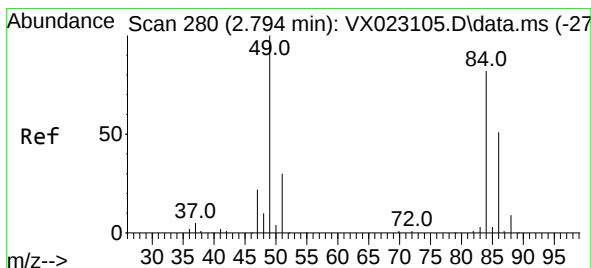
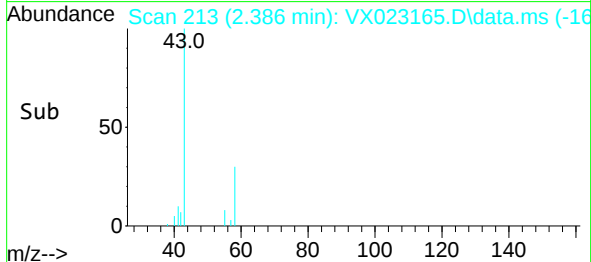
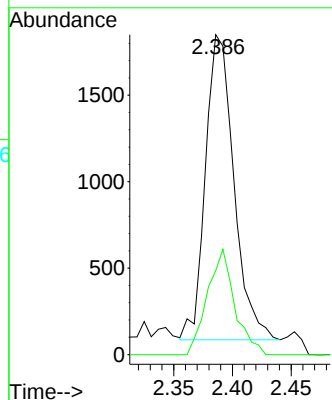
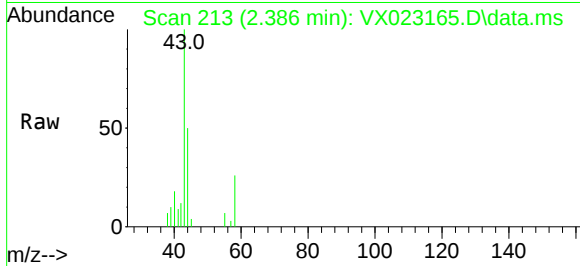




#16
Acetone
Concen: 2.503 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

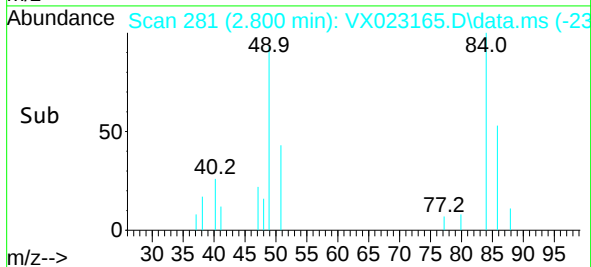
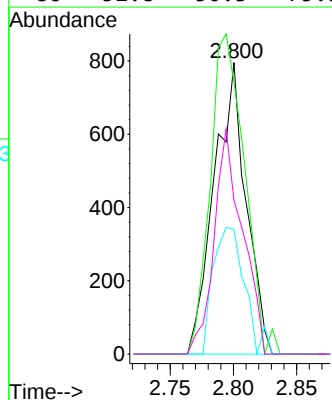
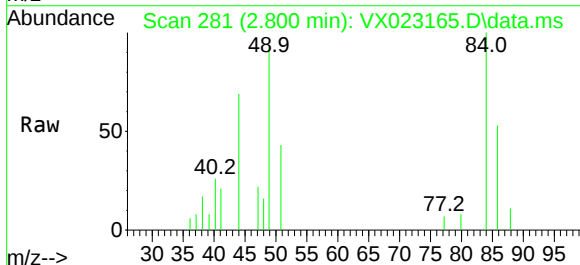
Instrument :
MSVOA_X
ClientSampled :

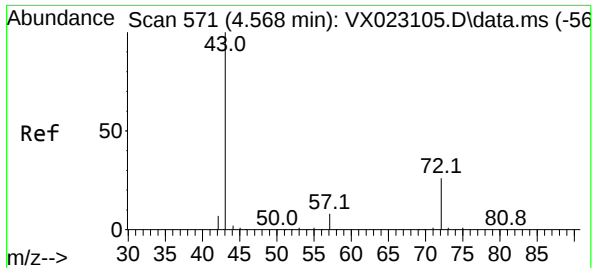
Tgt Ion: 43 Resp: 2977
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion: 84 Resp: 1394
Ion Ratio Lower Upper
84 100
49 93.2 88.6 132.8
51 42.7 27.0 40.6#
86 52.8 50.3 75.5

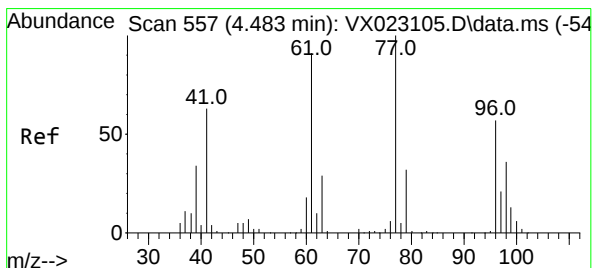
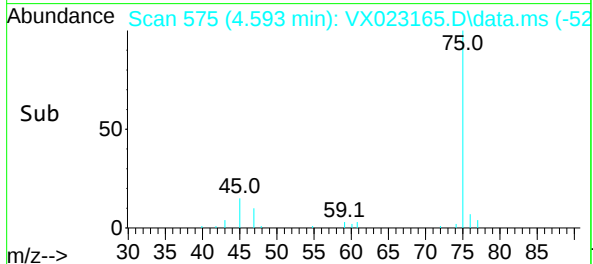
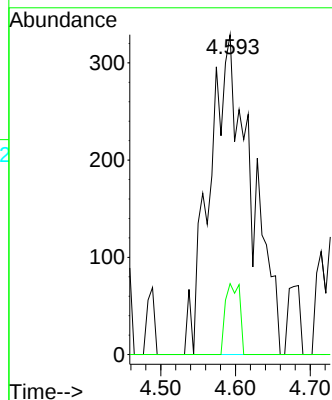
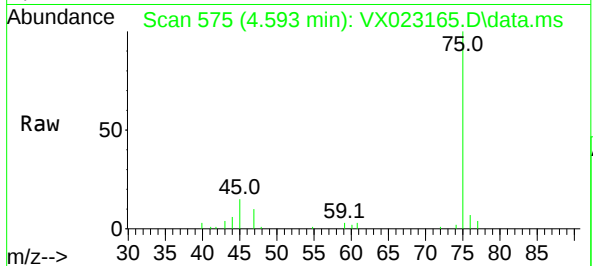




#25
2-Butanone
Concen: 0.706 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

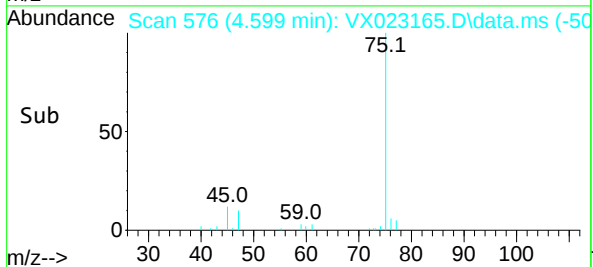
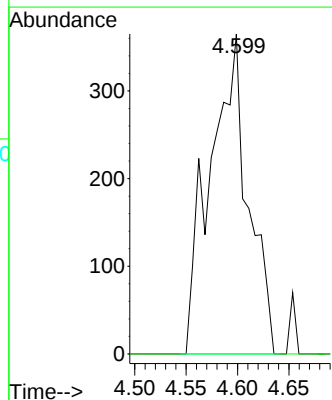
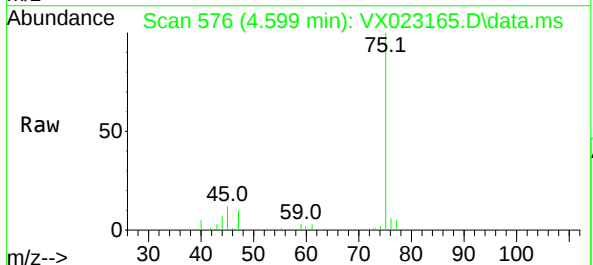
Instrument :
MSVOA_X
ClientSampled :

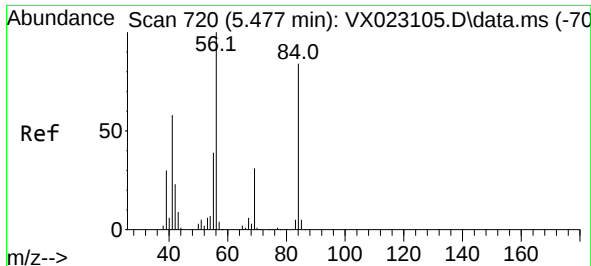
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
72 22.2 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.270 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.116 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

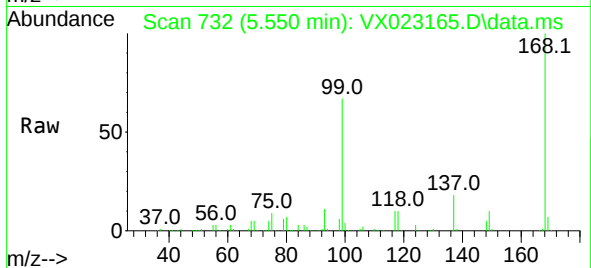
Tgt Ion: 77 Resp: 937
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



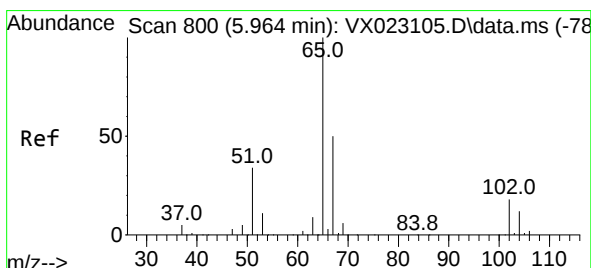
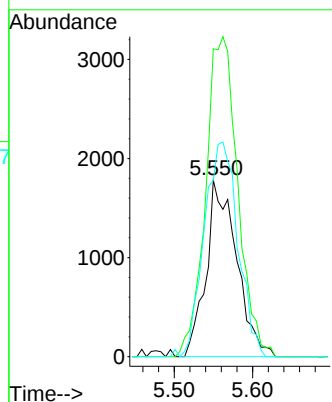
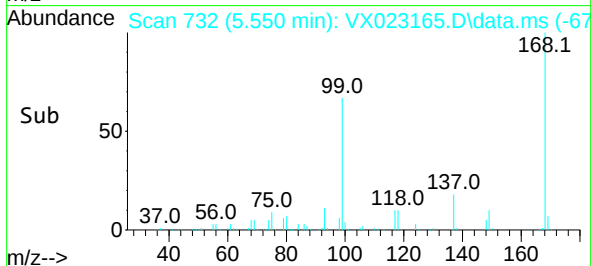


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

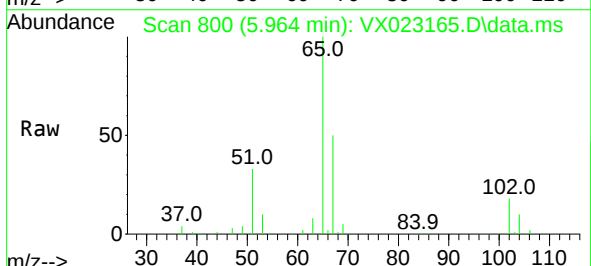
Instrument :
MSVOA_X
ClientSampled :



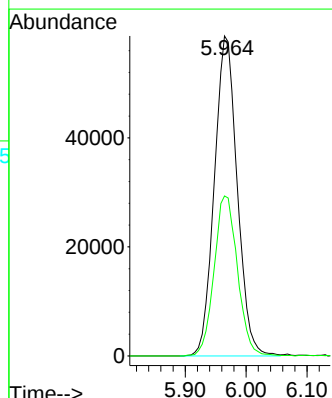
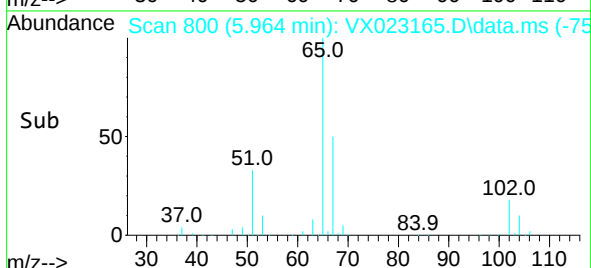
Tgt Ion: 56 Resp: 4806
Ion Ratio Lower Upper
56 100
69 174.3 25.3 37.9#
84 99.8 71.4 107.0

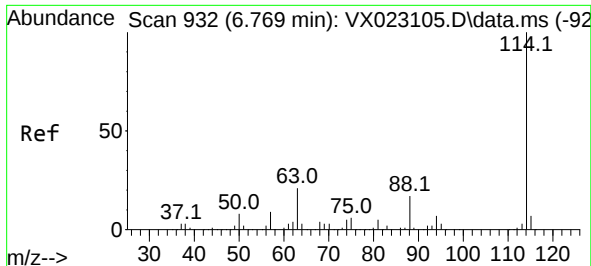


#33
1,2-Dichloroethane-d4
Concen: 50.883 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19



Tgt Ion: 65 Resp: 152982
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

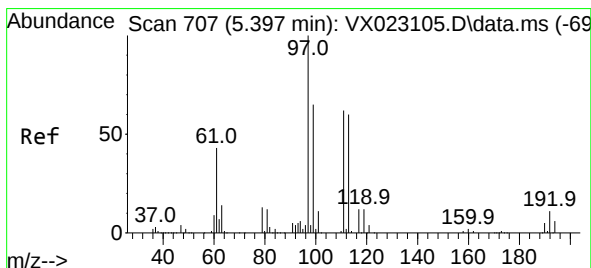
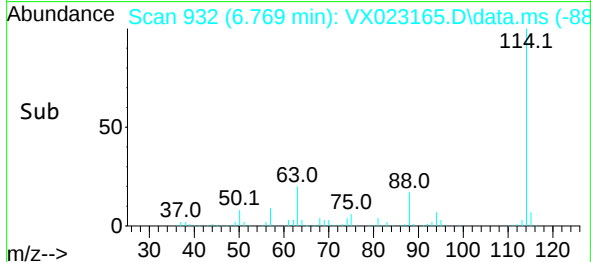
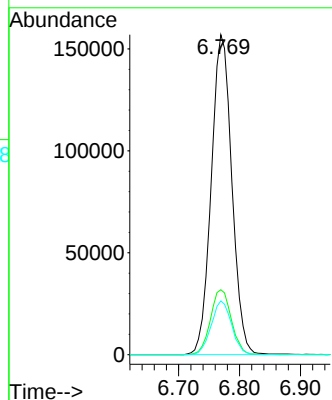
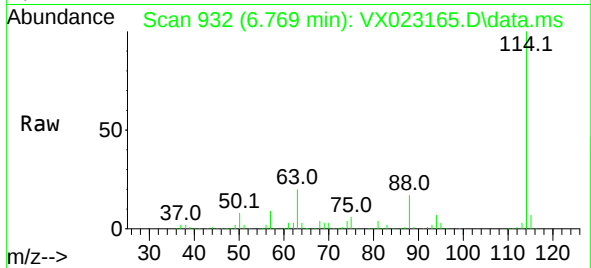




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

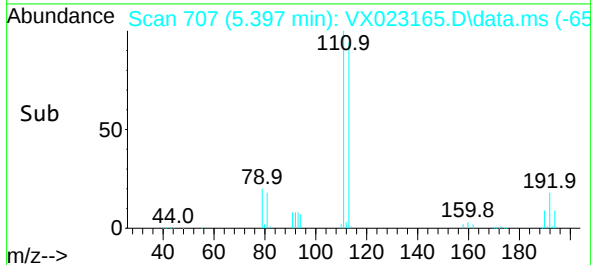
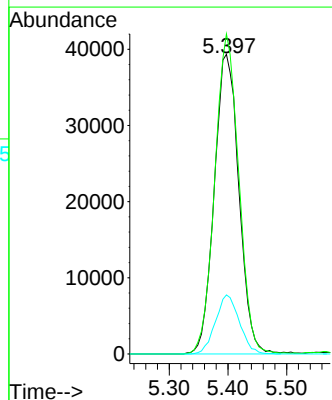
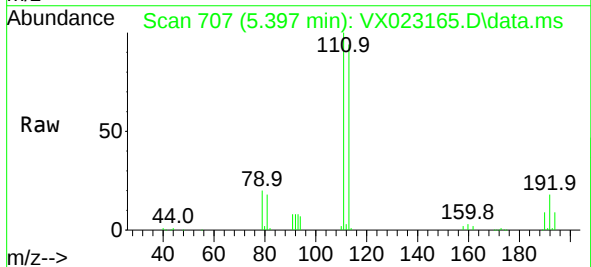
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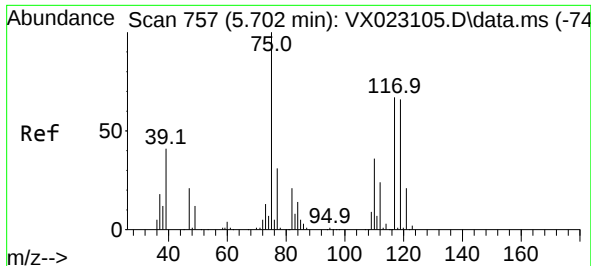
Tgt Ion:114 Resp: 368439
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.201 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion:113 Resp: 114681
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.1 16.7 25.1

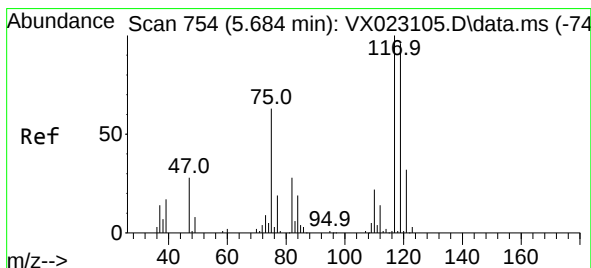
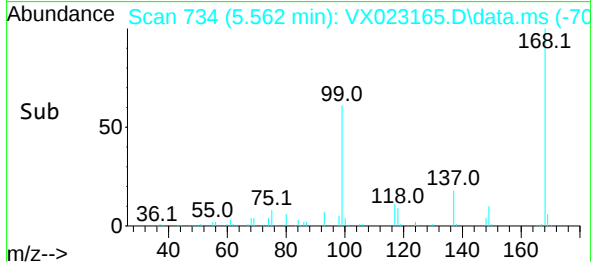
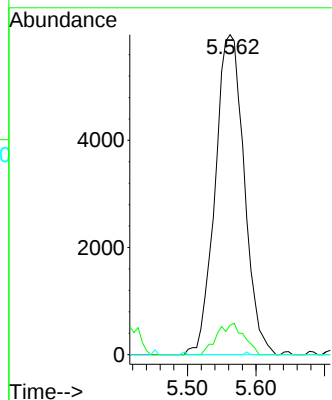
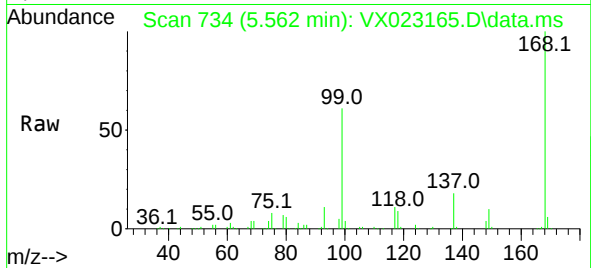




#36
1,1-Dichloropropene
Concen: 5.344 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

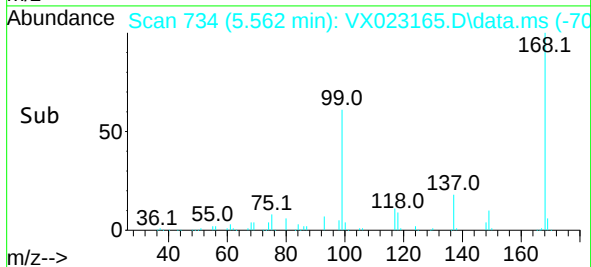
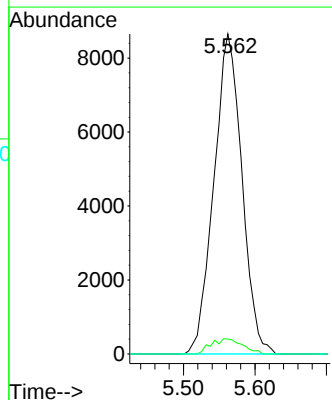
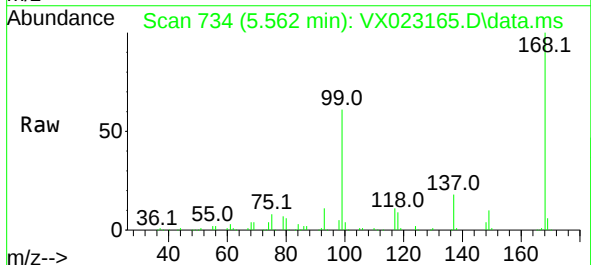
Instrument :
MSVOA_X
ClientSampled :

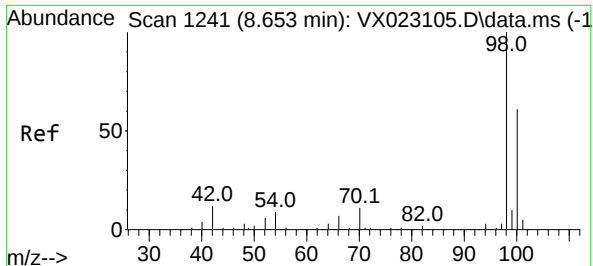
Tgt Ion: 75 Resp: 17553
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.861 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion: 117 Resp: 23521
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

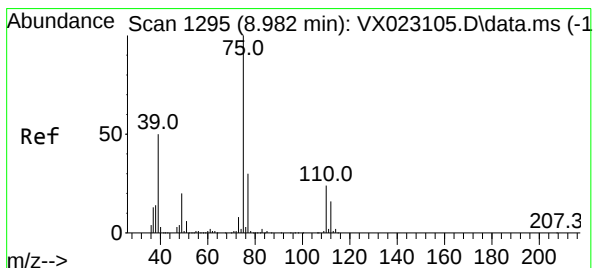
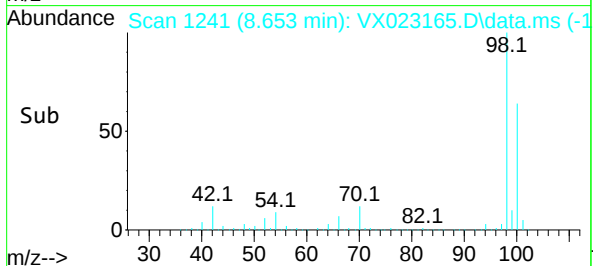
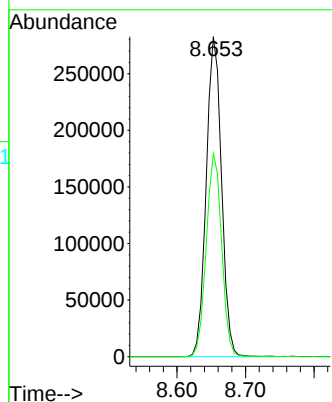
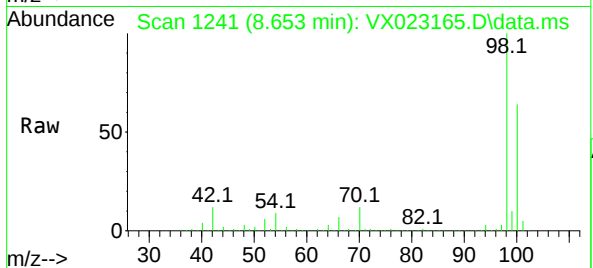




#50
Toluene-d8
Concen: 49.535 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

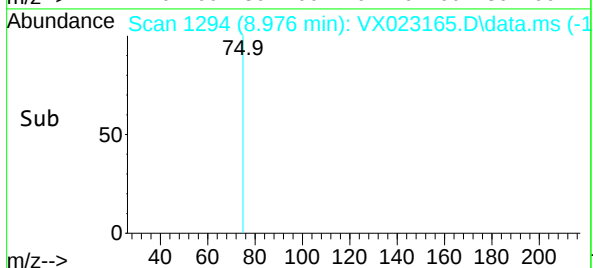
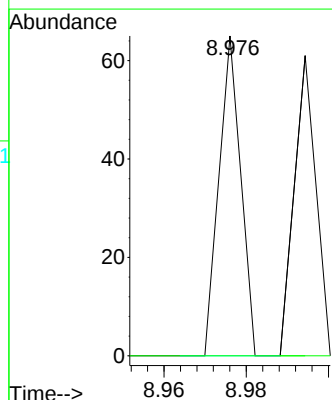
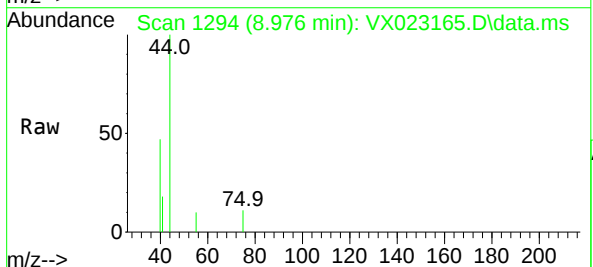
Instrument :
MSVOA_X
ClientSampled :

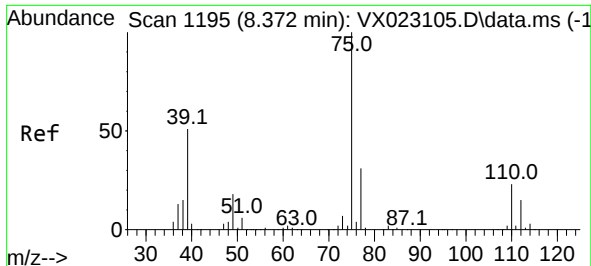
Tgt Ion: 98 Resp: 439627
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.742 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

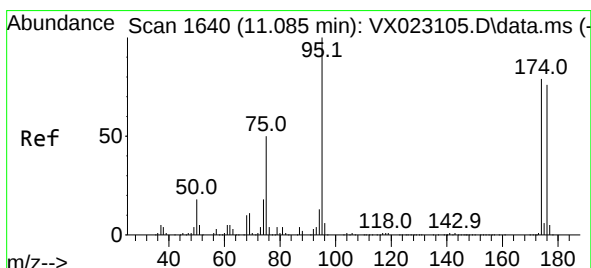
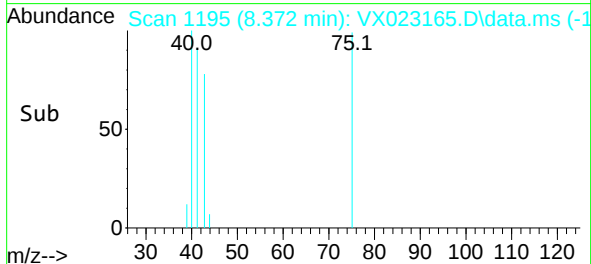
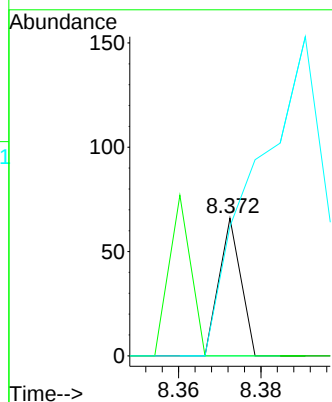
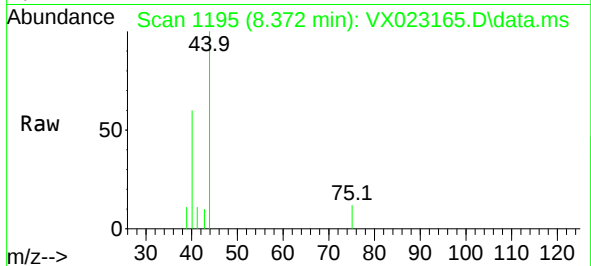




#54
 cis-1,3-Dichloropropene
 Concen: 2.178 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX023165.D
 Acq: 07 Jul 2021 12:19

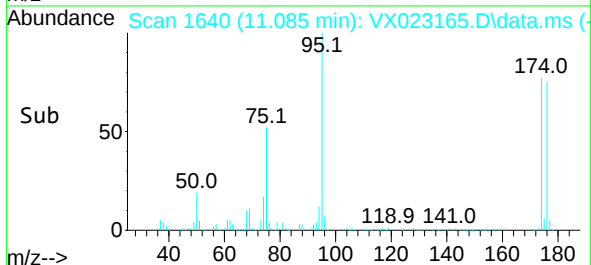
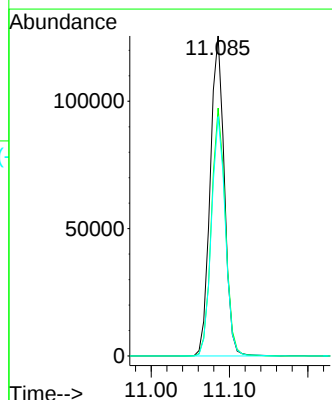
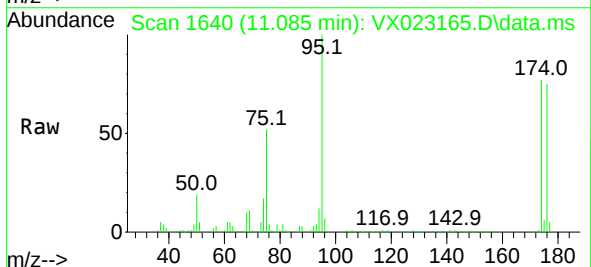
Instrument :
 MSVOA_X
 ClientSampled :

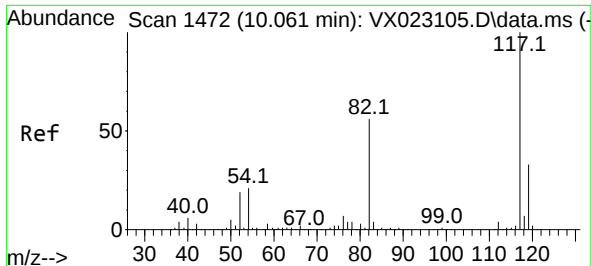
Tgt Ion: 75	Resp:	24
Ion	Ratio	Lower Upper
75	100	
77	0.0	25.7 38.5#
39	93.9	35.1 52.7#



#62
 4-Bromofluorobenzene
 Concen: 45.716 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023165.D
 Acq: 07 Jul 2021 12:19

Tgt Ion: 95	Resp:	156634
Ion	Ratio	Lower Upper
95	100	
174	76.6	0.0 154.6
176	73.6	0.0 155.8

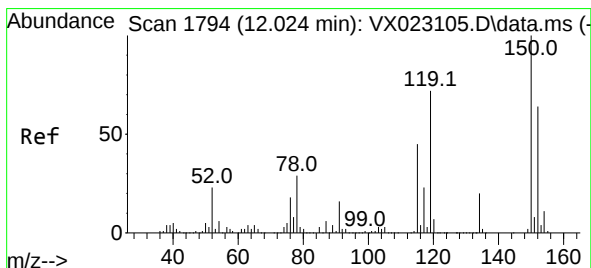
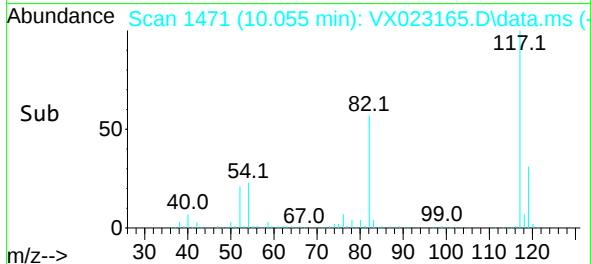
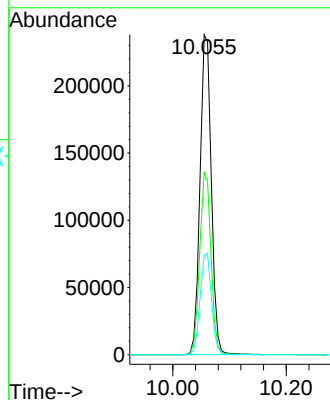
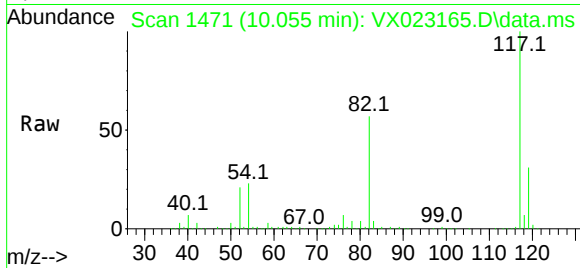




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

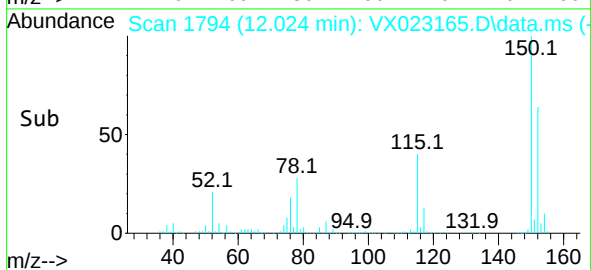
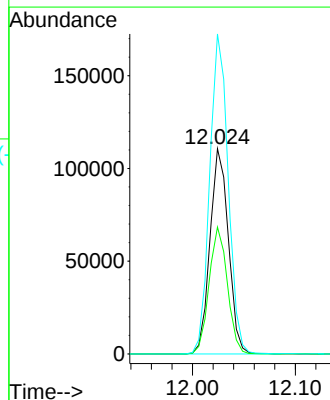
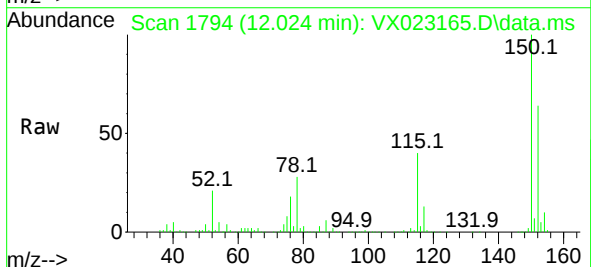
Instrument :
MSVOA_X
ClientSampled :

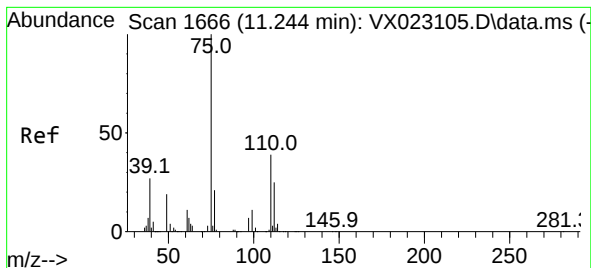
Tgt Ion:117 Resp: 329385
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Tgt Ion:152 Resp: 137601
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 156.1 0.0 349.0

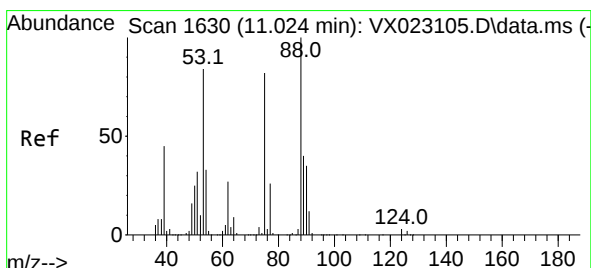
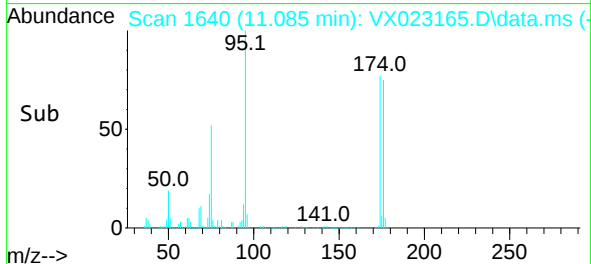
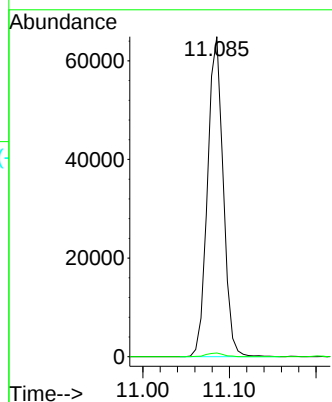
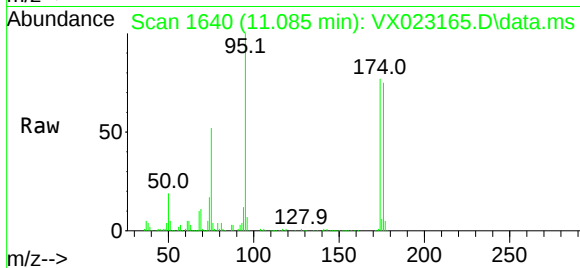




#76
1,2,3-Trichloropropane
Concen: 29.437 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

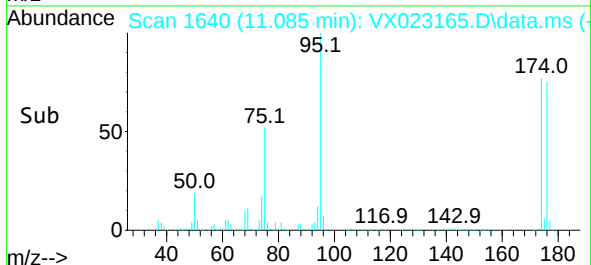
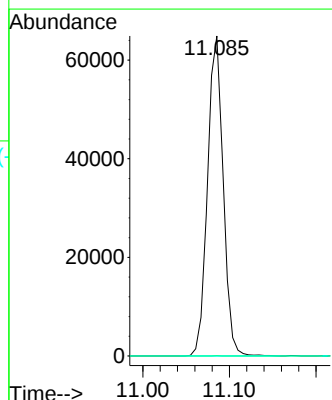
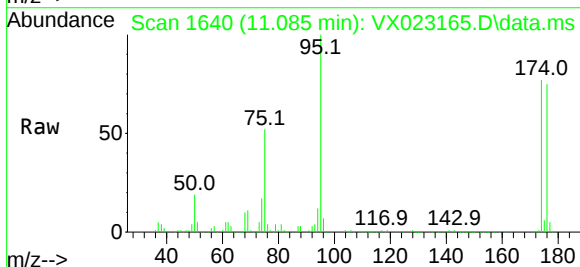
Instrument :
MSVOA_X
ClientSampled :

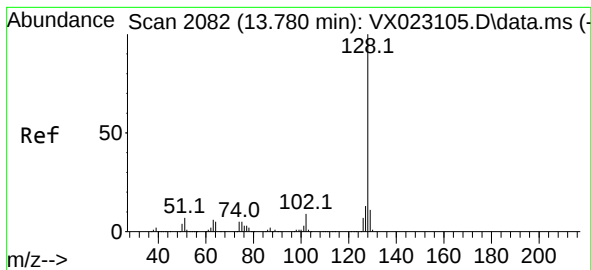
Tgt Ion: 75 Resp: 81511
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

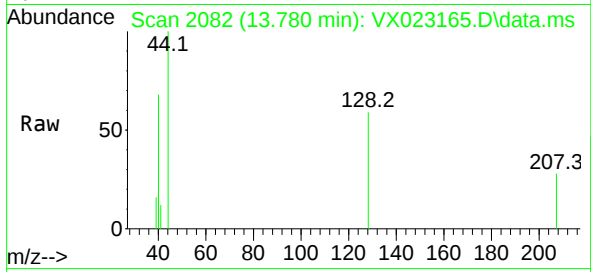
Tgt Ion: 75 Resp: 81511
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.311 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023165.D
Acq: 07 Jul 2021 12:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 372
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

