

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023625.D
 Acq On : 10 Aug 2021 09:41
 Operator : JC/MD
 Sample : VX0810MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 02:57:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

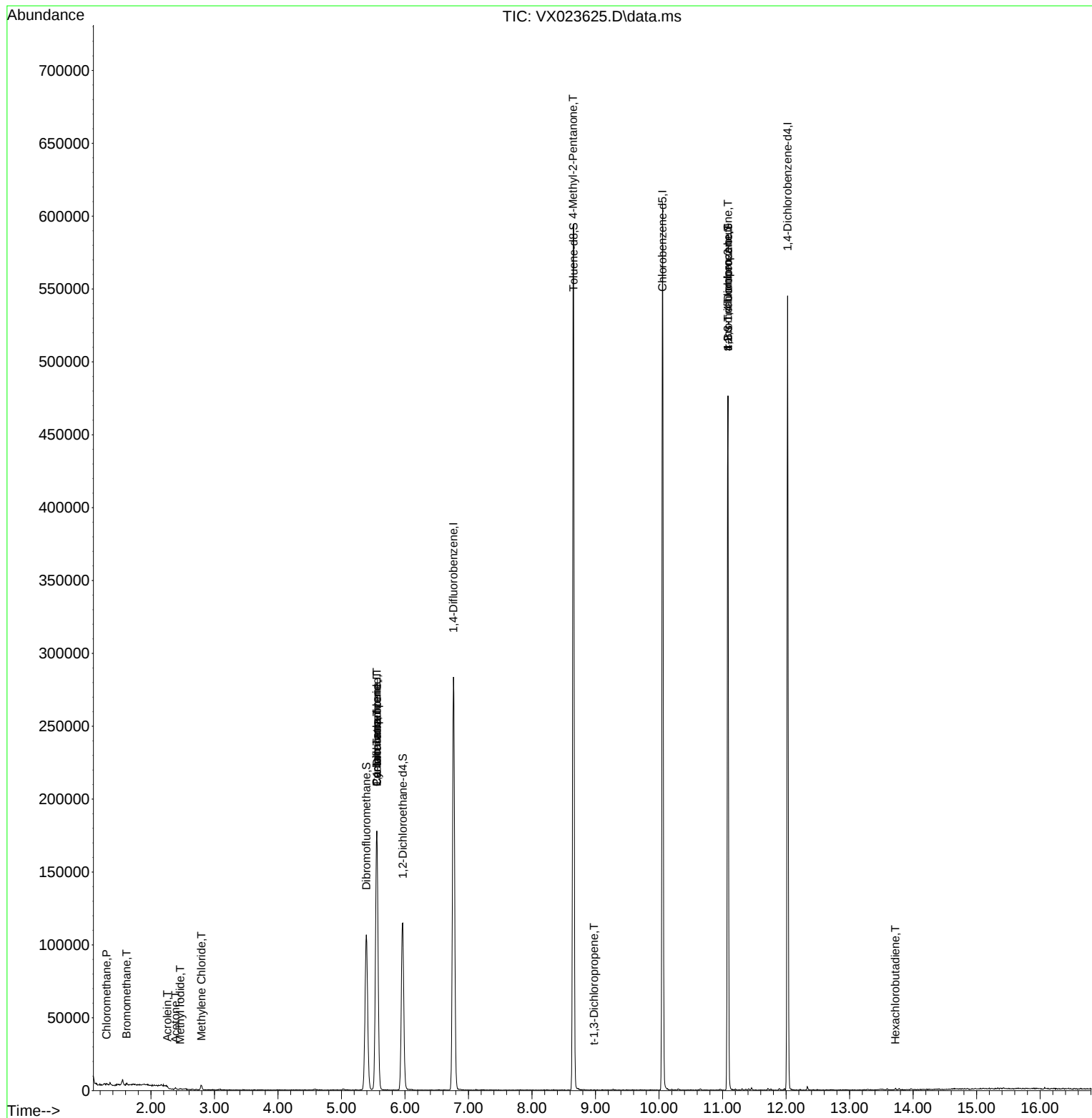
Internal Standards						
1) Pentafluorobenzene	5.556	168	168551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113012	53.751	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.500%		
35) Dibromofluoromethane	5.391	113	91876	51.337	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.680%		
50) Toluene-d8	8.653	98	347155	52.797	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.600%		
62) 4-Bromofluorobenzene	11.085	95	122055	54.590	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.180%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	527	0.292	ug/l	97
5) Bromomethane	1.618	94	643	0.592	ug/l	81
10) Methyl Iodide	2.459	142	950	0.454	ug/l	95
13) Acrolein	2.258	56	124	1.869	ug/l #	25
16) Acetone	2.386	43	1343	1.302	ug/l #	62
20) Methylene Chloride	2.794	84	1446	0.721	ug/l	93
31) Cyclohexane	5.556	56	3893	1.250	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12839	4.958	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16801	6.380	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1781	0.576	ug/l #	1
53) t-1,3-Dichloropropene	8.976	75	22	1.824	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	64435	27.187	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	64435	73.102	ug/l #	12
94) Hexachlorobutadiene	13.719	225	231	0.233	ug/l	98

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

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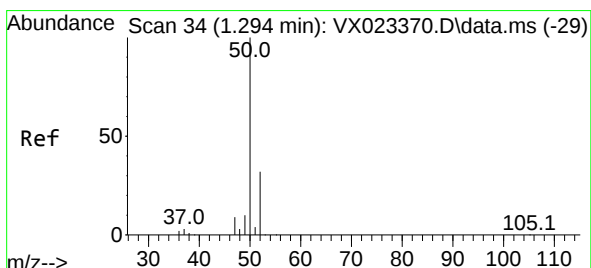
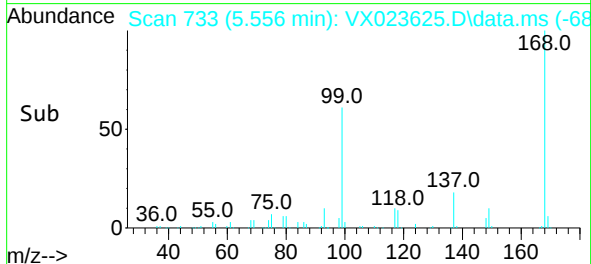
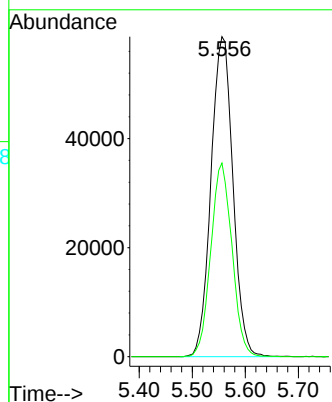
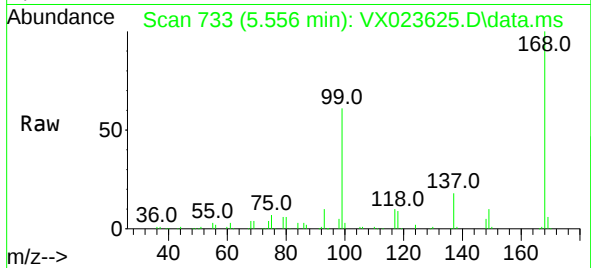




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

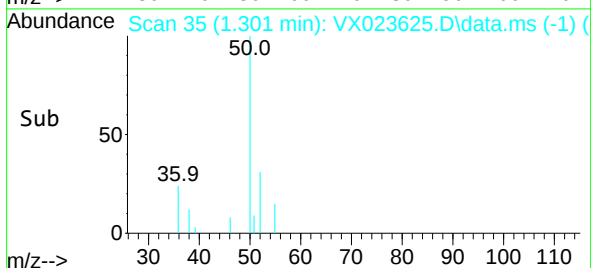
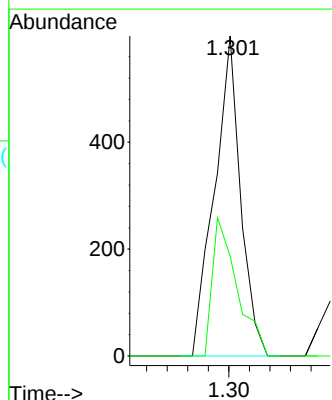
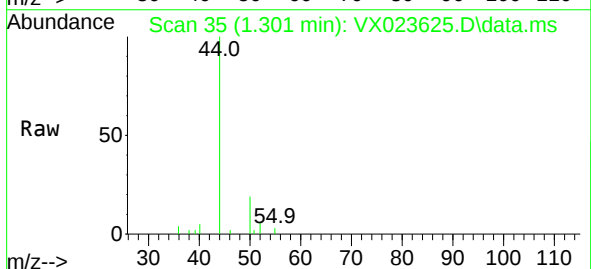
Instrument :
MSVOA_X
ClientSampleId :

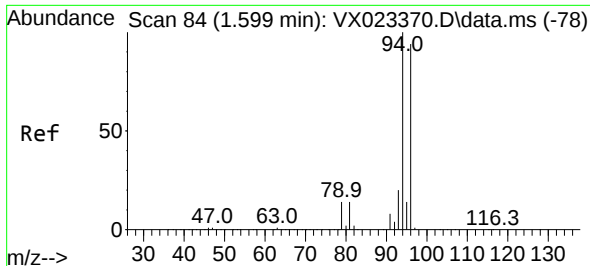
Tgt Ion:168 Resp: 168551
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6

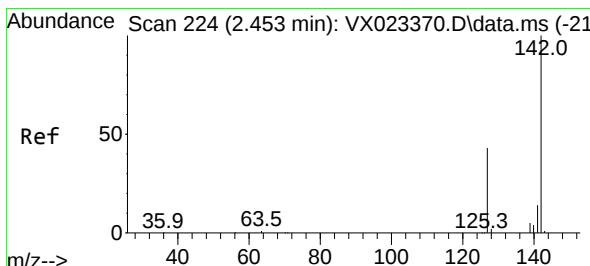
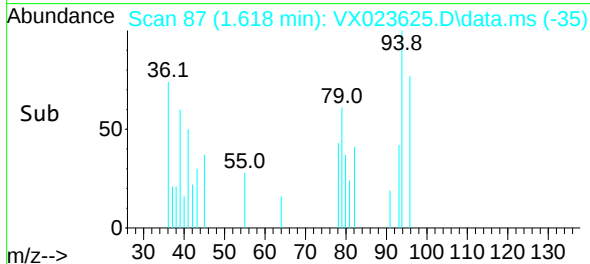
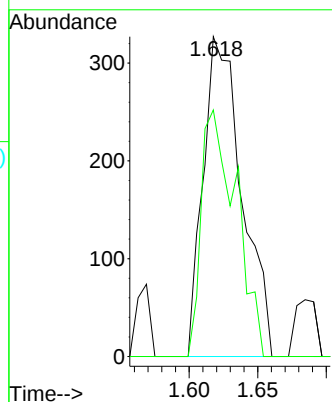
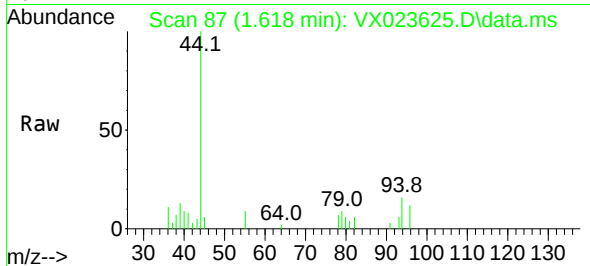




#5
Bromomethane
Concen: 0.592 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

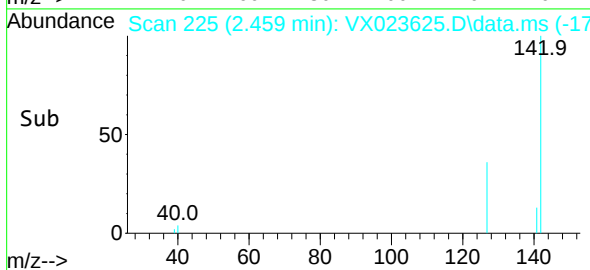
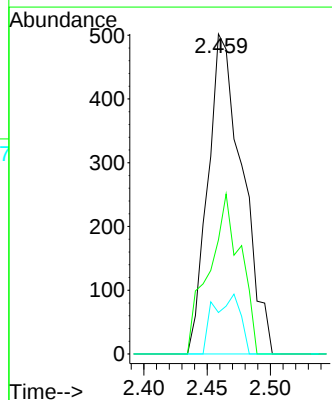
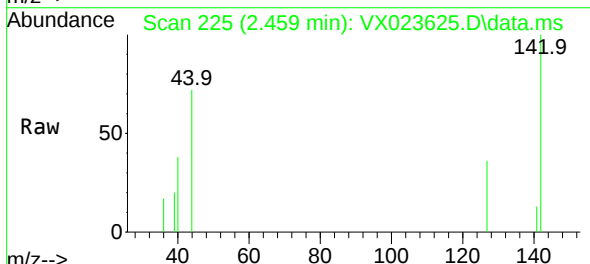
Instrument :
MSVOA_X
ClientSampleId :

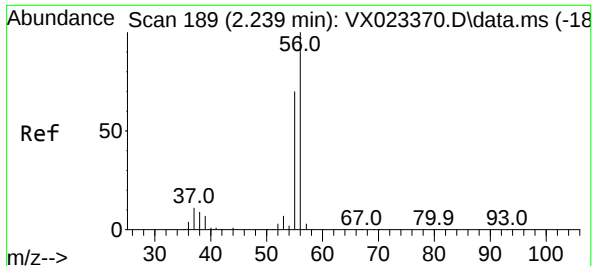
Tgt Ion: 94 Resp: 643
Ion Ratio Lower Upper
94 100
96 77.1 76.4 114.6



#10
Methyl Iodide
Concen: 0.454 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 142 Resp: 950
Ion Ratio Lower Upper
142 100
127 46.0 33.3 49.9
141 14.4 11.4 17.0

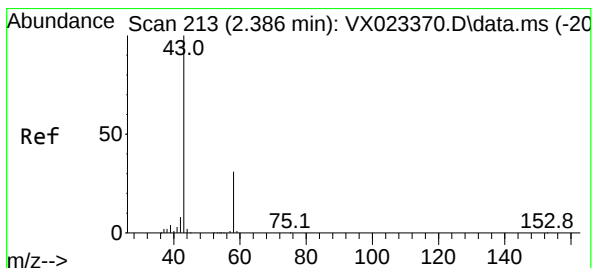
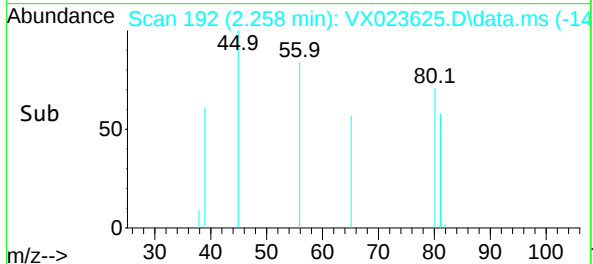
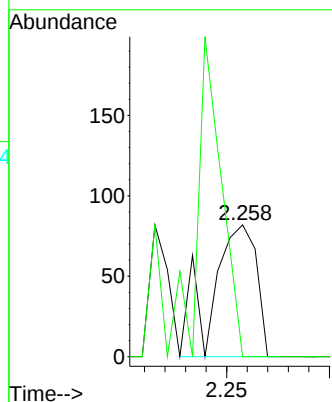
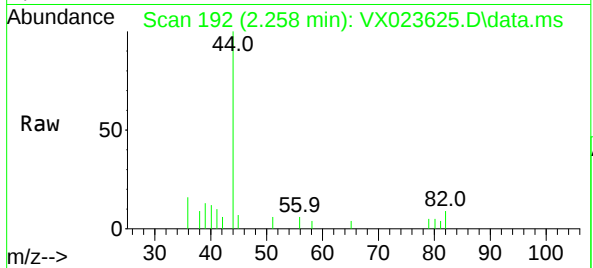




#13
Acrolein
Concen: 1.869 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

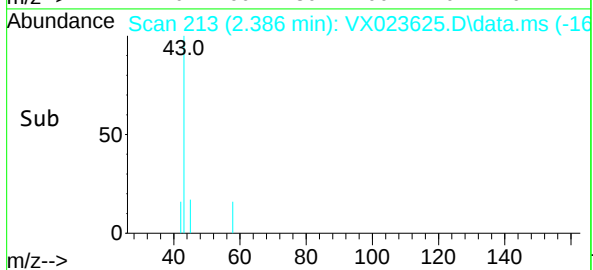
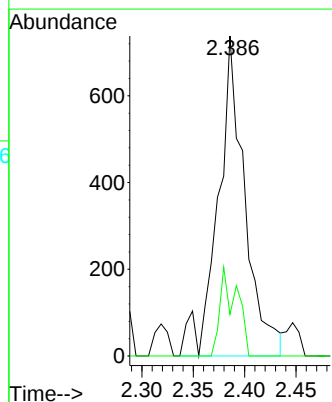
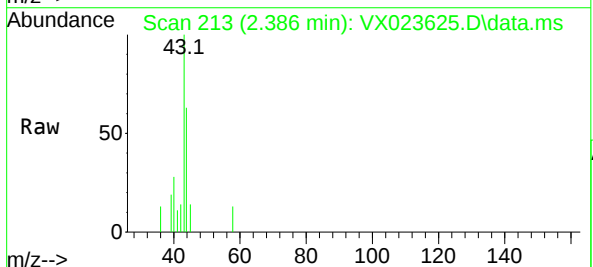
Instrument :
MSVOA_X
ClientSampleId :

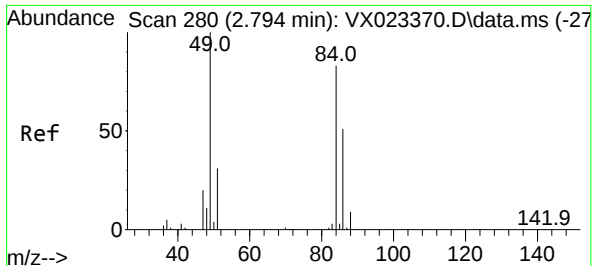
Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 132.3 56.4 84.6#



#16
Acetone
Concen: 1.302 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

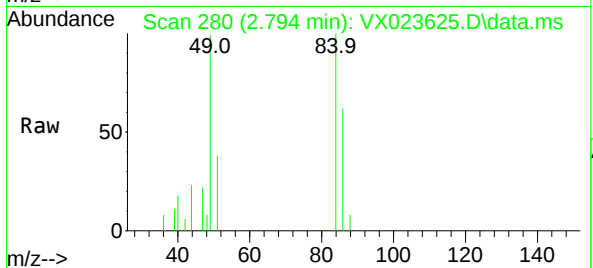
Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 13.0 27.8 41.8#



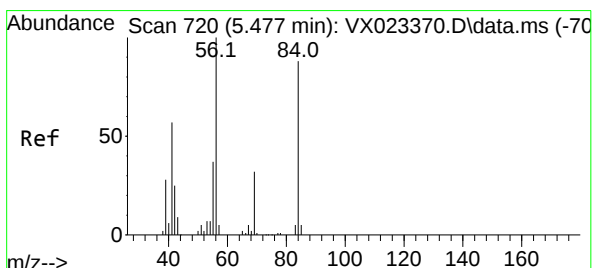
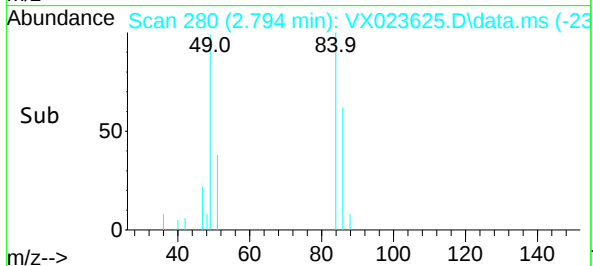
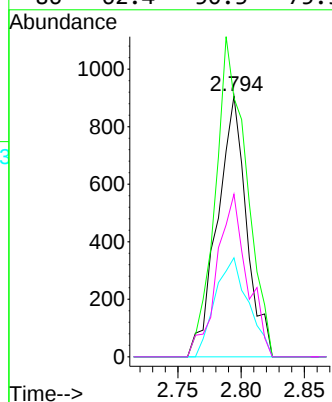


#20
Methylene Chloride
Concen: 0.721 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

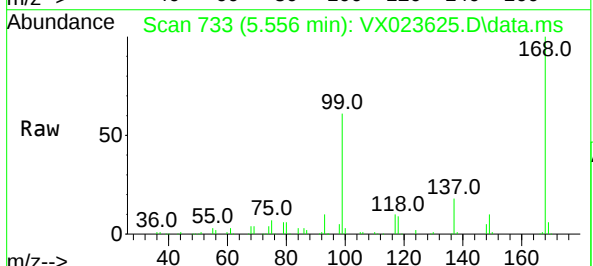
Instrument :
MSVOA_X
ClientSampleId :



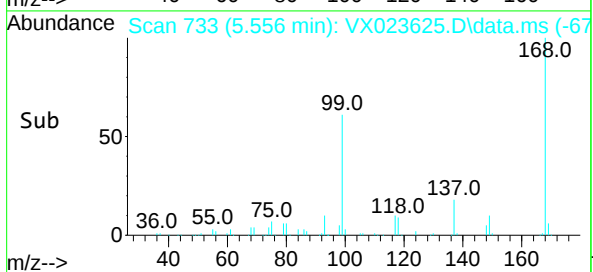
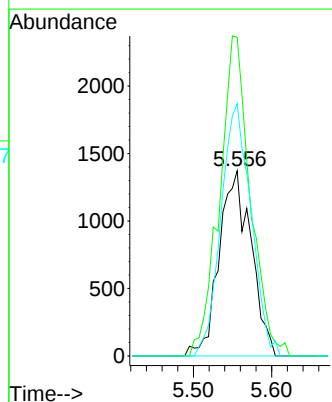
Tgt Ion:	84	Resp:	1446
Ion	Ratio	Lower	Upper
84	100		
49	99.3	88.6	132.8
51	38.0	27.0	40.6
86	62.4	50.3	75.5

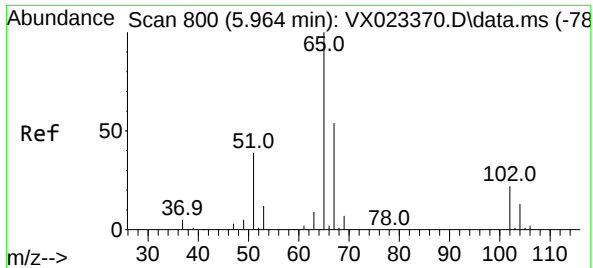


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41



Tgt Ion:	56	Resp:	3893
Ion	Ratio	Lower	Upper
56	100		
69	172.1	25.3	37.9#
84	136.4	71.4	107.0#

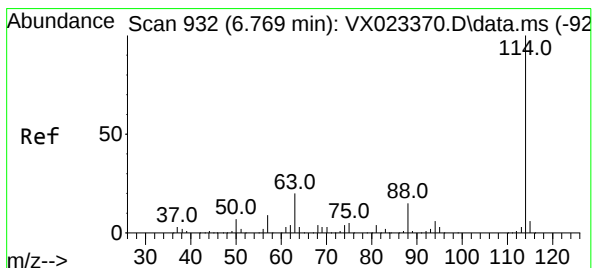
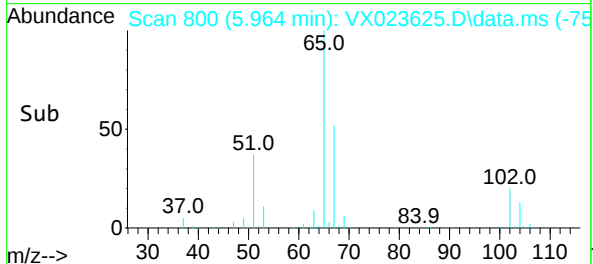
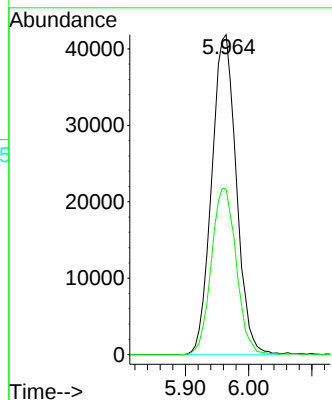
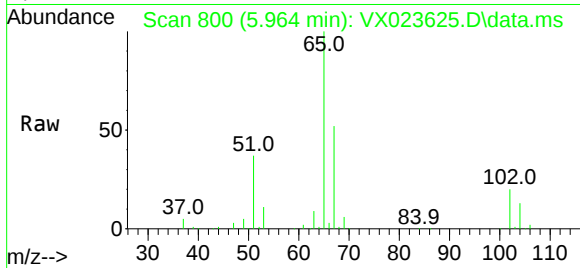




#33
1,2-Dichloroethane-d4
Concen: 53.751 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

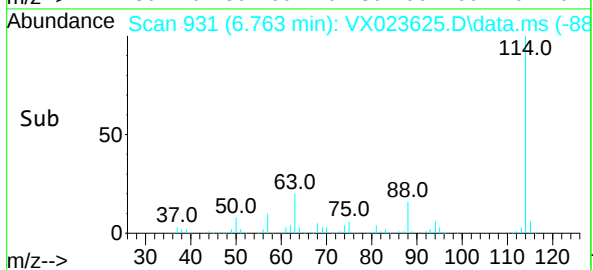
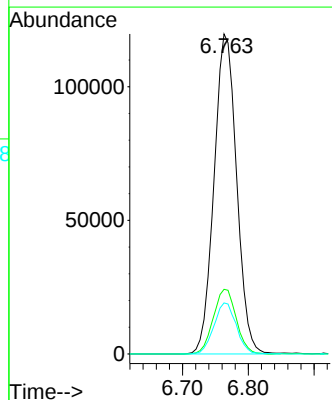
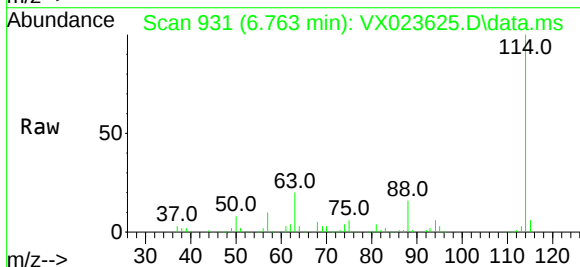
Instrument :
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ClientSampleId :

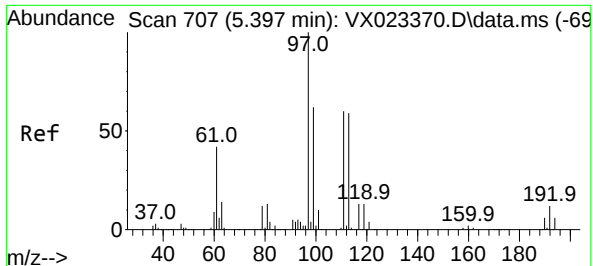
Tgt Ion: 65 Resp: 113012
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 114 Resp: 286234
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.9 0.0 32.8

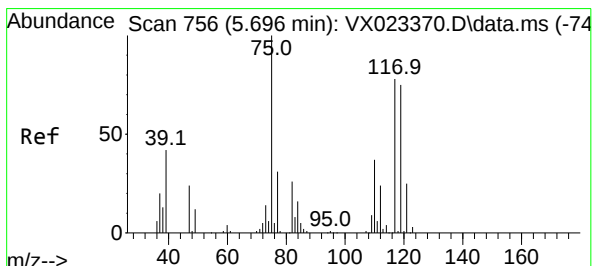
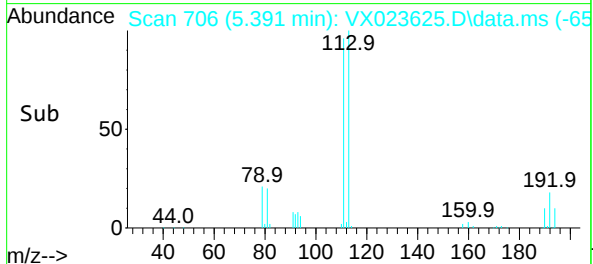
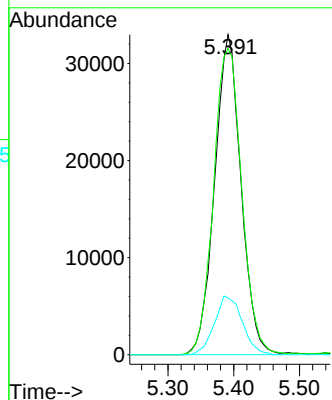
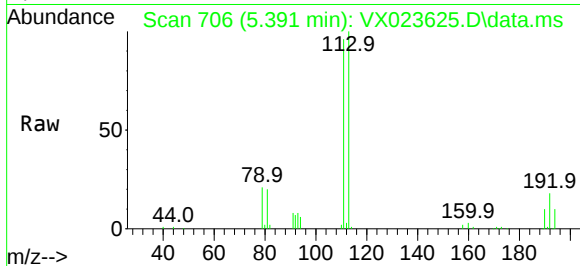




#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

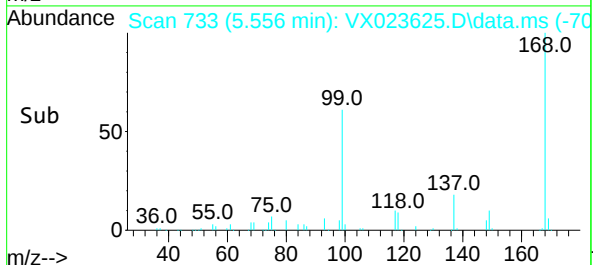
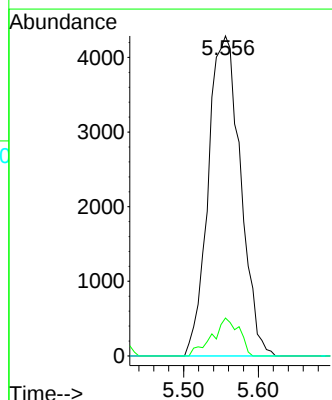
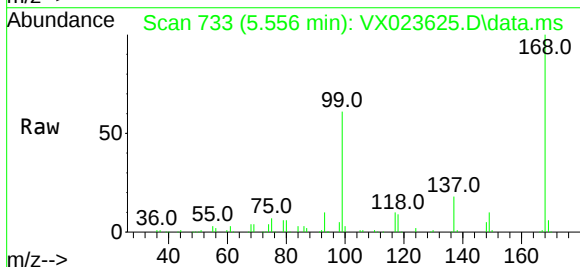
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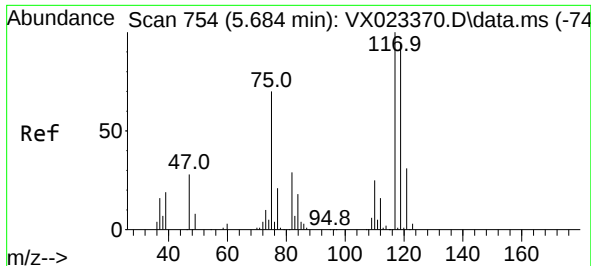
Tgt Ion:113 Resp: 91876
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

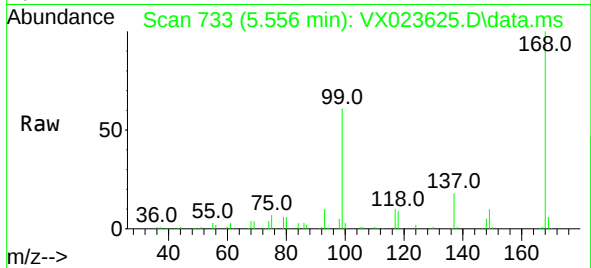
Tgt Ion: 75 Resp: 12839
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



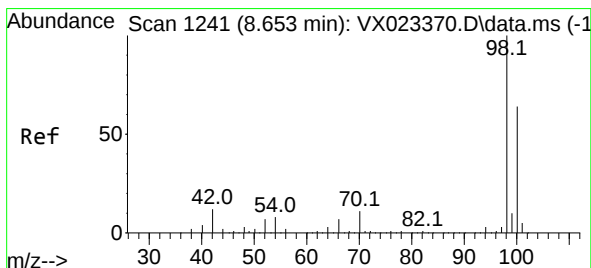
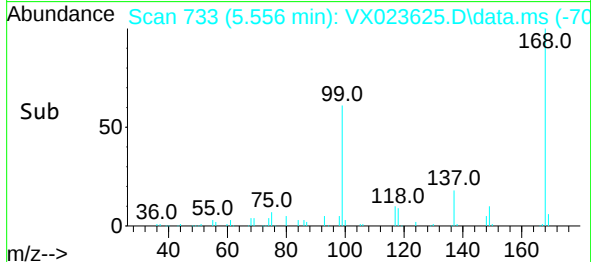
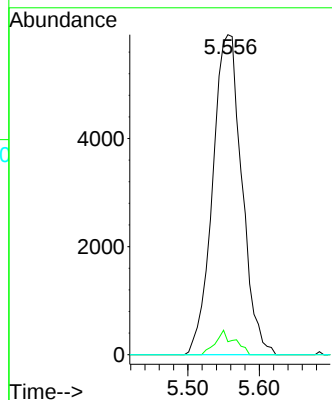


#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Instrument :
MSVOA_X
ClientSampleId :

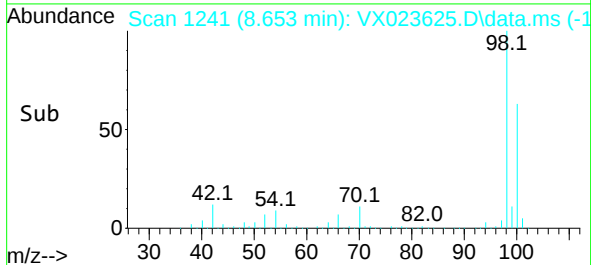
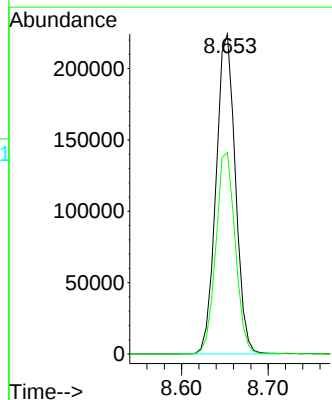
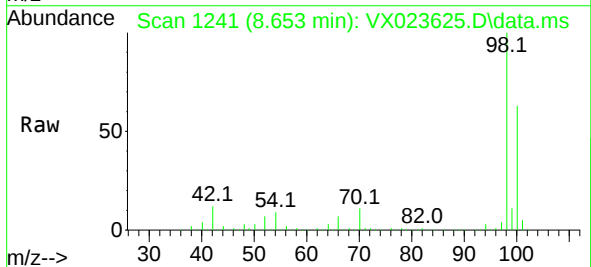


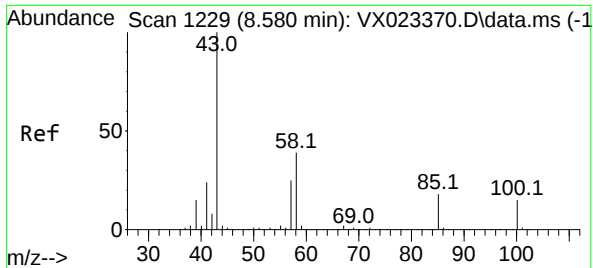
Tgt Ion:117 Resp: 16801
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.797 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 98 Resp: 347155
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

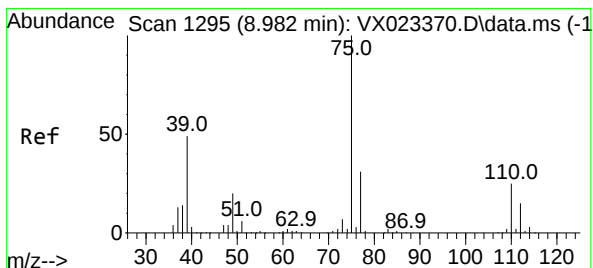
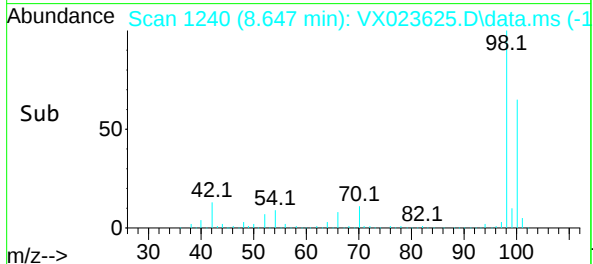
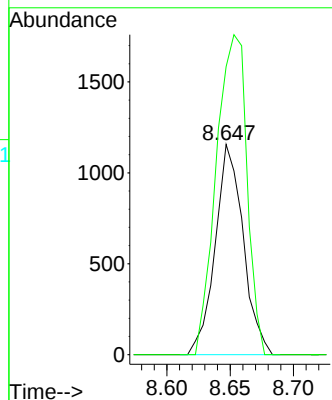
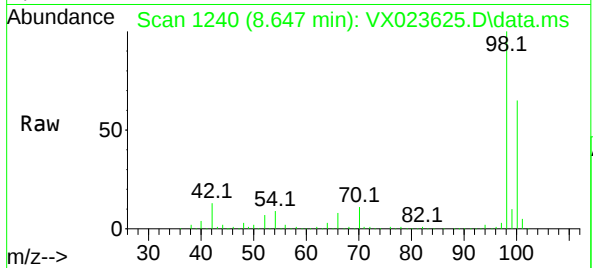




#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

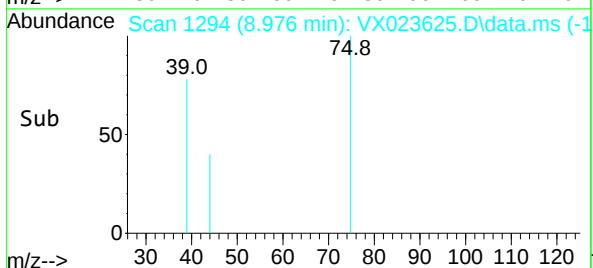
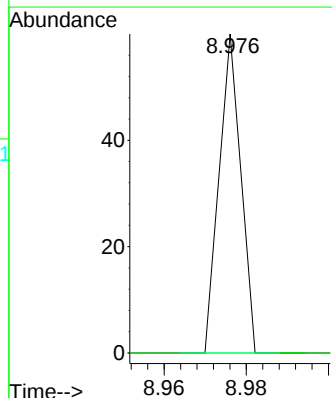
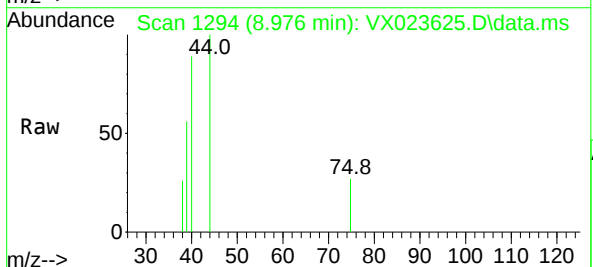
Instrument :
MSVOA_X
ClientSampled :

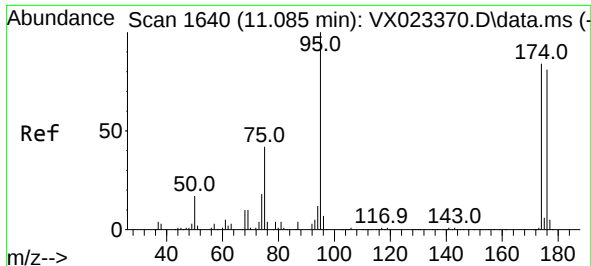
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 166.5 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.824 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

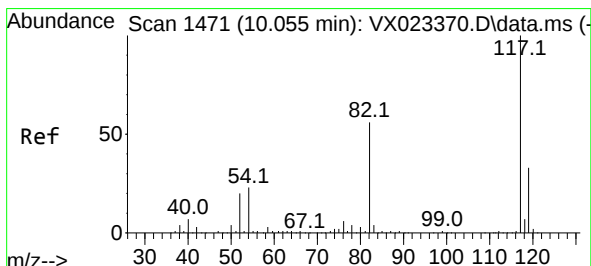
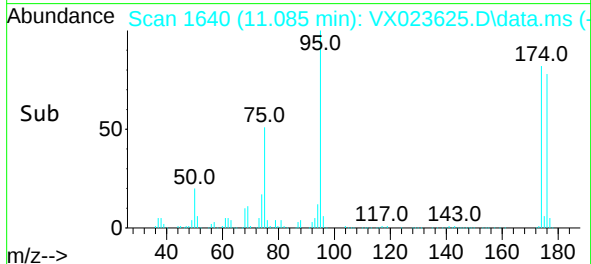
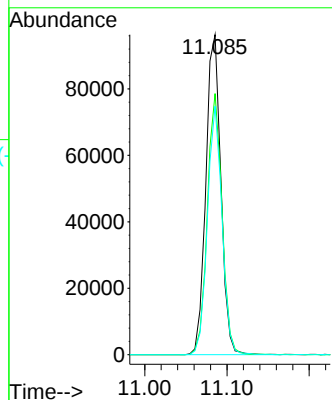
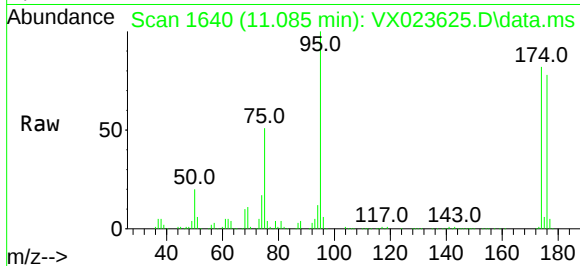




#62
4-Bromofluorobenzene
Concen: 54.590 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

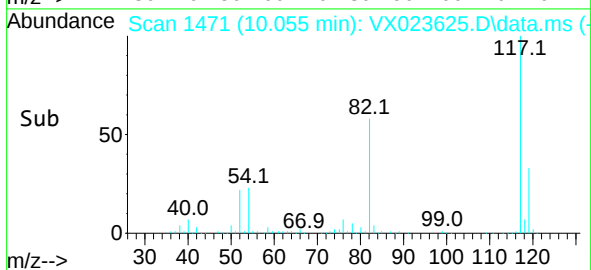
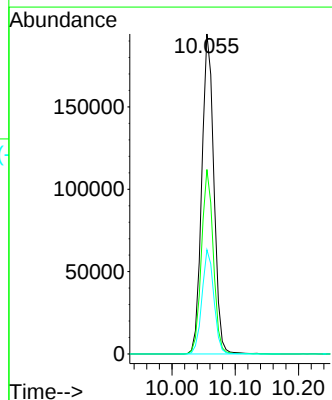
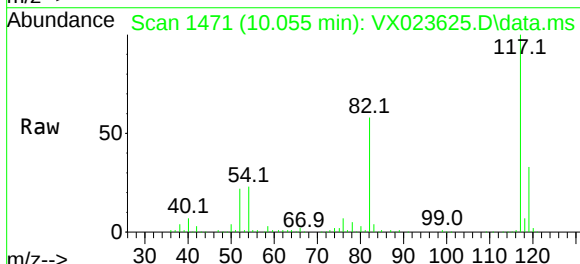
Instrument :
MSVOA_X
ClientSampled :

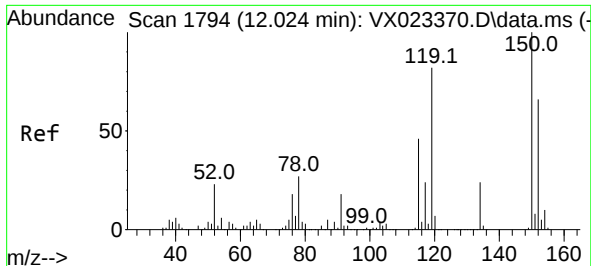
Tgt Ion: 95 Resp: 122055
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 117 Resp: 259251
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.6 26.6 39.8

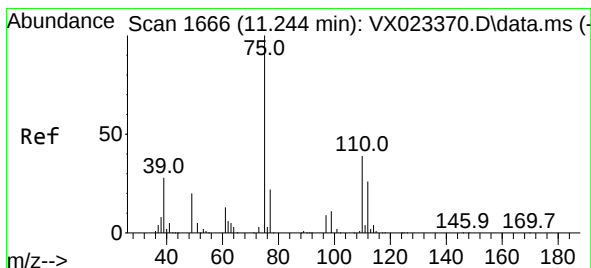
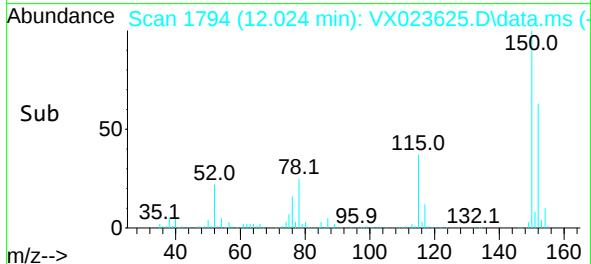
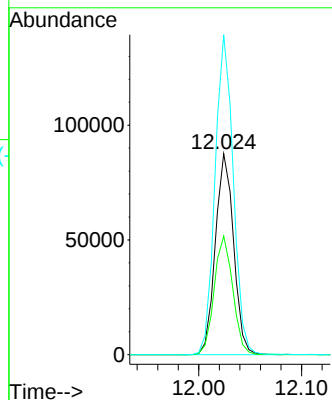
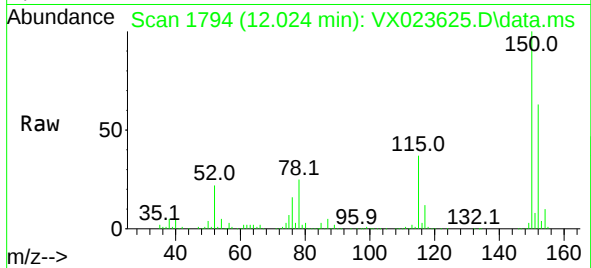




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023625.D
 Acq: 10 Aug 2021 09:41

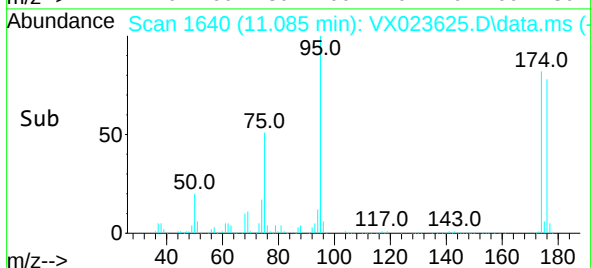
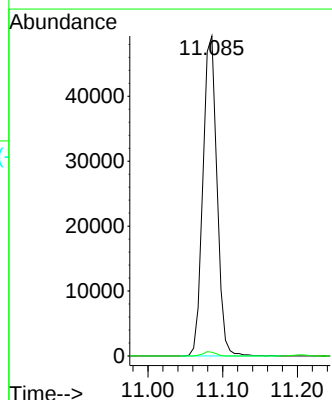
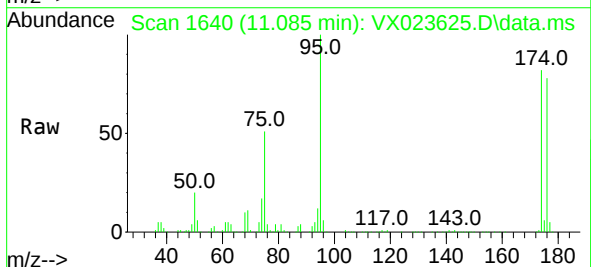
Instrument :
 MSVOA_X
 ClientSampled :

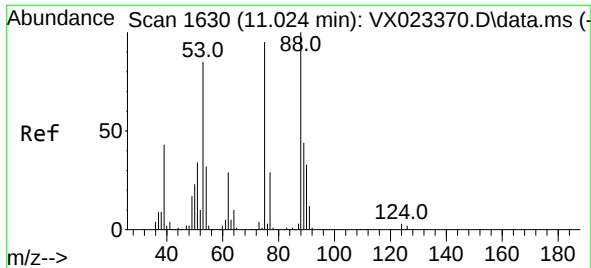
Tgt Ion:152 Resp: 107703
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 159.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.187 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023625.D
 Acq: 10 Aug 2021 09:41

Tgt Ion: 75 Resp: 64435
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

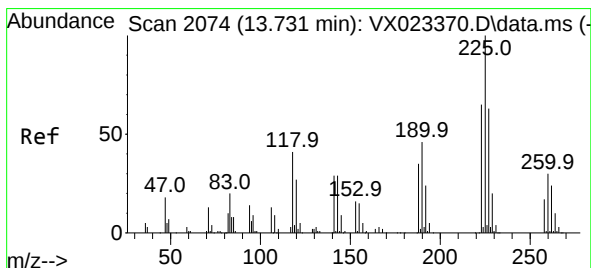
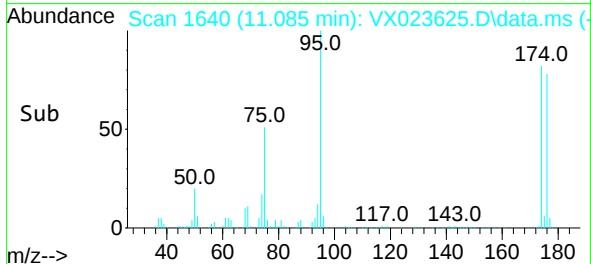
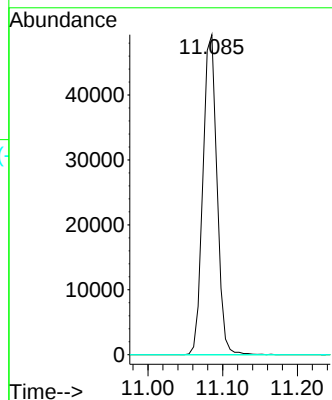
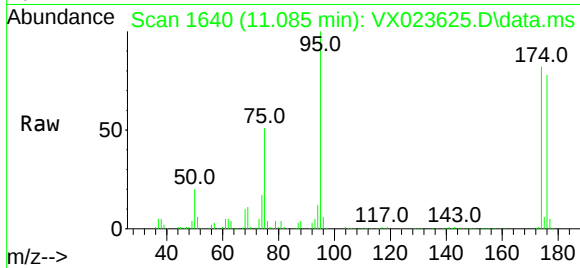




#81
trans-1,4-Dichloro-2-butene
Concen: 73.102 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 64435
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.233 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.012 min
Lab File: VX023625.D
Acq: 10 Aug 2021 09:41

Tgt Ion: 225 Resp: 231
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 64.5 31.6 95.0

