

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023580.D
 Acq On : 05 Aug 2021 18:11
 Operator : JC/MD
 Sample : M3298-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1964-1968

Quant Time: Aug 06 03:25:01 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)

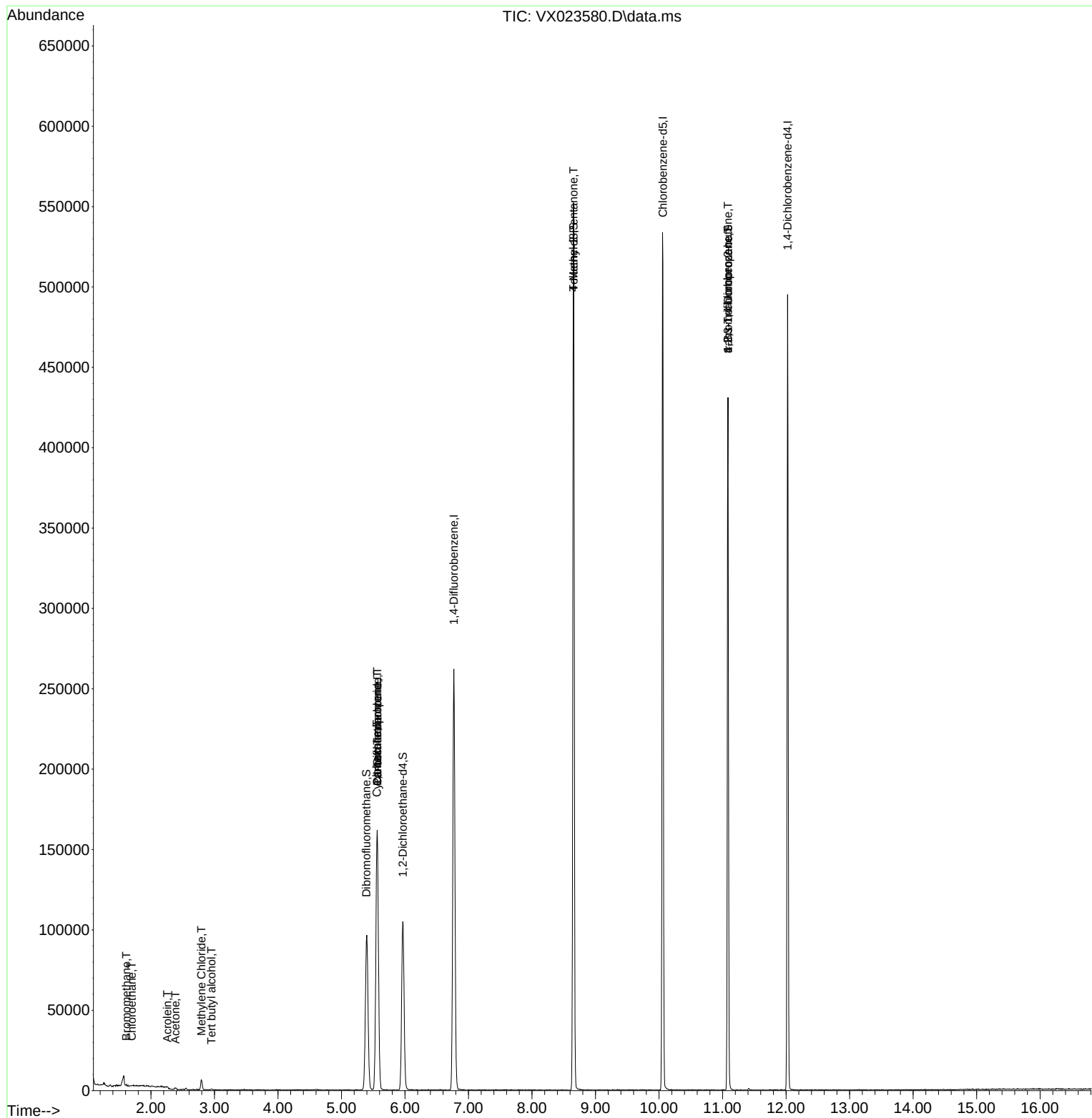
Internal Standards						
1) Pentafluorobenzene	5.562	168	155585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	239670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102301	52.711	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.420%		
35) Dibromofluoromethane	5.391	113	83779	50.887	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.780%		
50) Toluene-d8	8.653	98	323032	53.405	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.800%		
62) 4-Bromofluorobenzene	11.085	95	107005	52.024	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.040%		
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	471	0.470	ug/l #	40
6) Chloroethane	1.697	64	422	0.407	ug/l #	43
11) Tert butyl alcohol	2.953	59	369	0.832	ug/l #	73
13) Acrolein	2.258	56	46	1.567	ug/l	93
16) Acetone	2.386	43	1191	1.251	ug/l #	70
20) Methylene Chloride	2.794	84	2561	1.383	ug/l #	82
31) Cyclohexane	5.556	56	3398	1.182	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	11663	4.896	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15134	6.248	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1425	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	57149	26.107	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57149	70.200	ug/l #	12

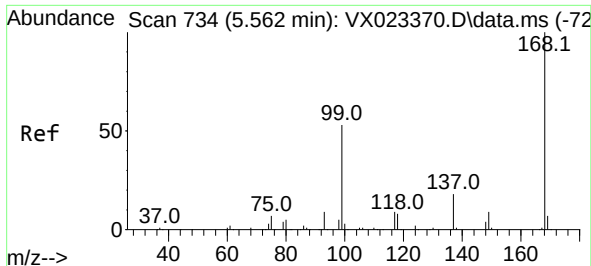
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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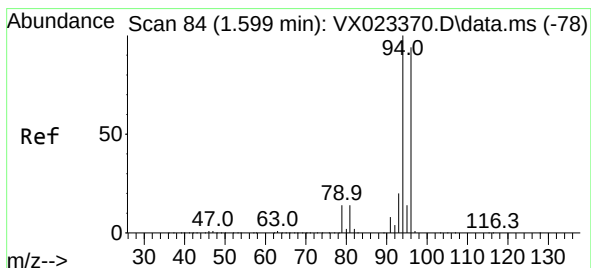
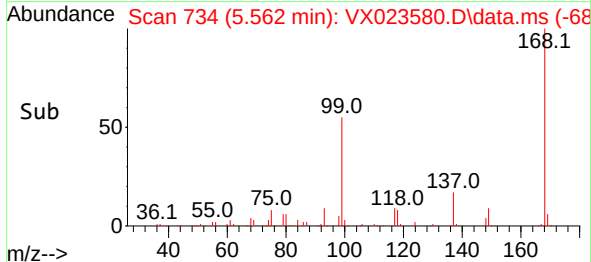
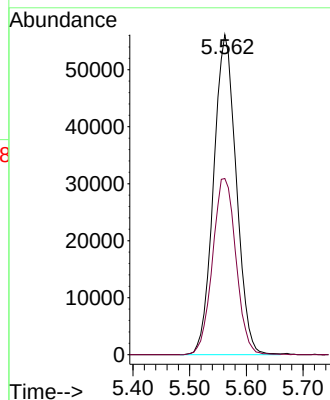
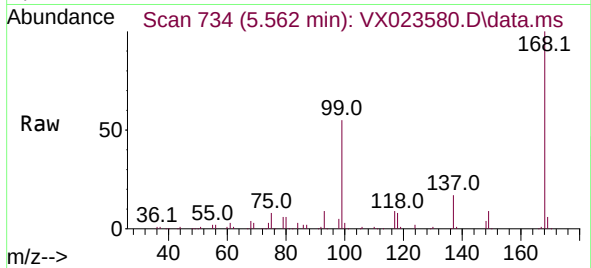




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

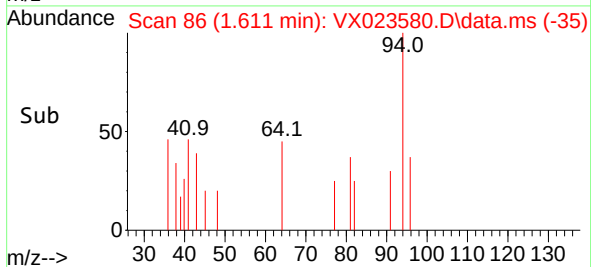
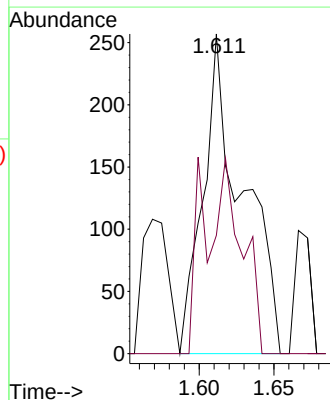
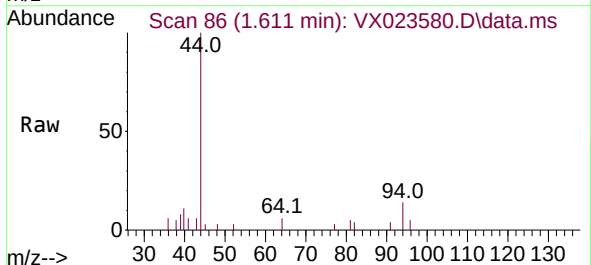
Instrument :
MSVOA_X
ClientSampleId :
1964-1968

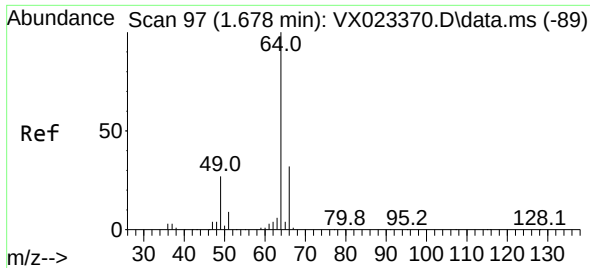
Tgt Ion:168 Resp: 155585
Ion Ratio Lower Upper
168 100
99 55.1 45.8 68.6



#5
Bromomethane
Concen: 0.470 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion: 94 Resp: 471
Ion Ratio Lower Upper
94 100
96 37.0 76.4 114.6#

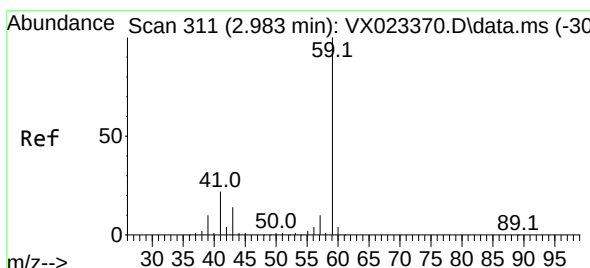
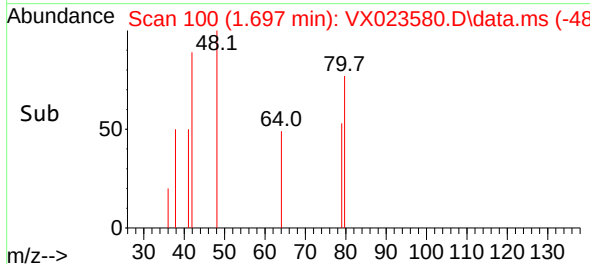
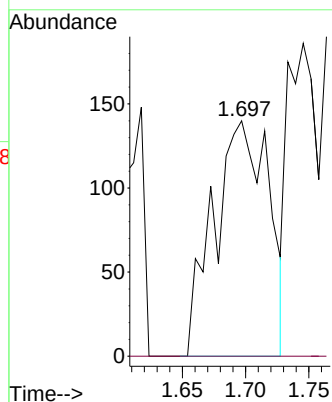
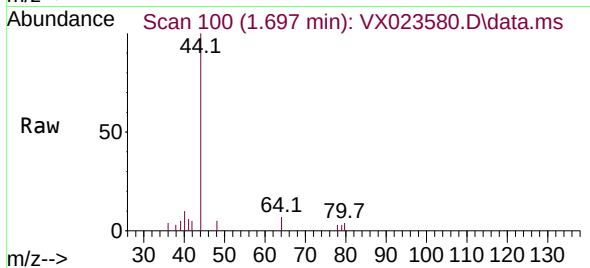




#6
Chloroethane
Concen: 0.407 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

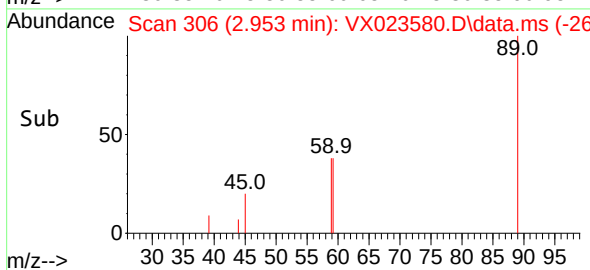
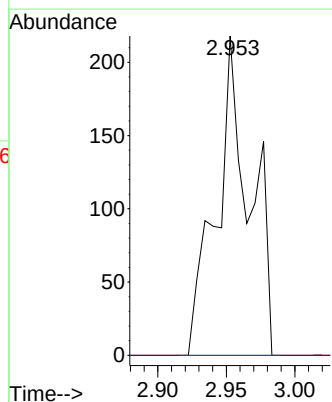
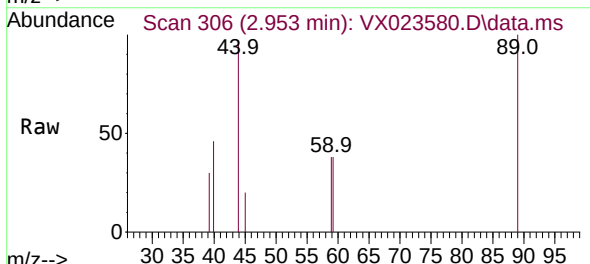
Instrument :
MSVOA_X
ClientSampled :
1964-1968

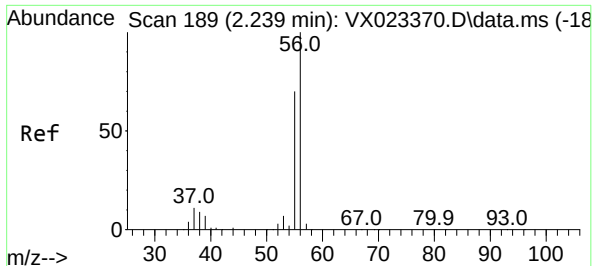
Tgt Ion: 64 Resp: 422
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.832 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

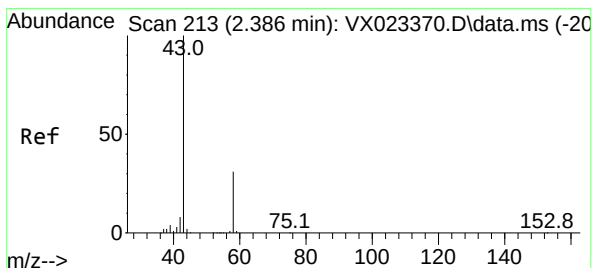
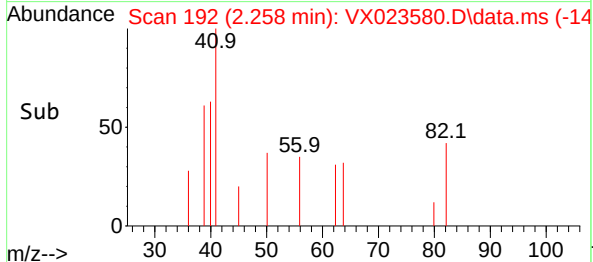
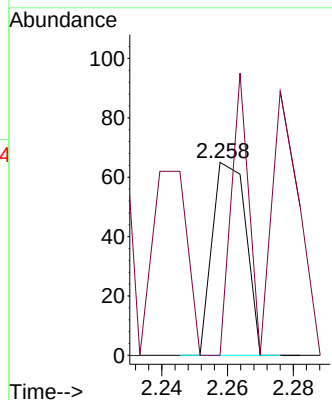
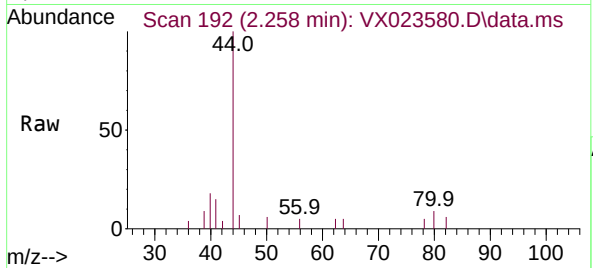




#13
Acrolein
Concen: 1.567 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

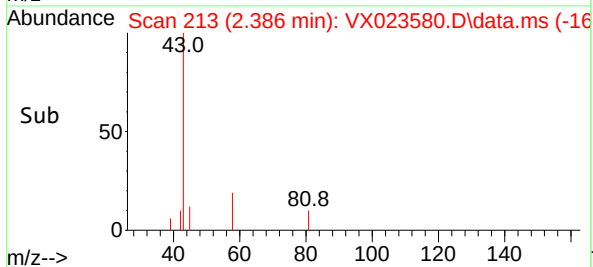
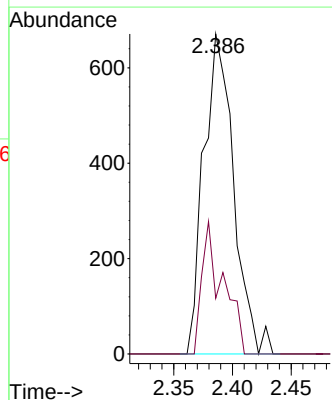
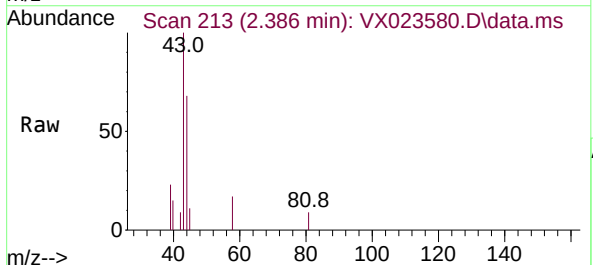
Instrument :
MSVOA_X
ClientSampled :
1964-1968

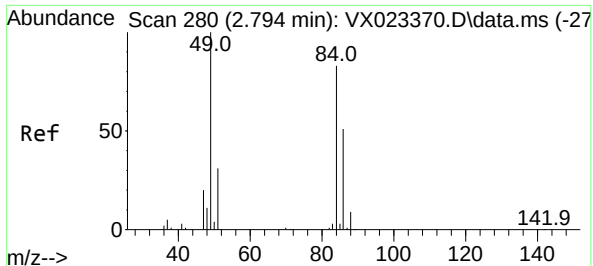
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 76.1 56.4 84.6



#16
Acetone
Concen: 1.251 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
58 17.4 27.8 41.8#

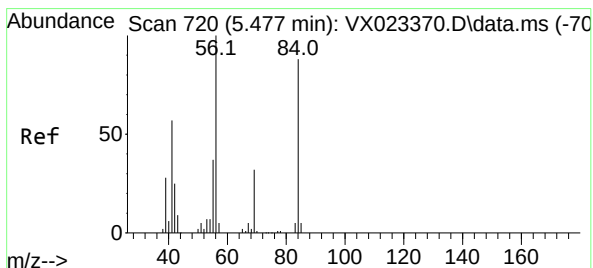
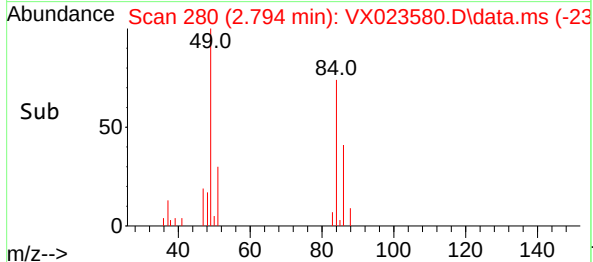
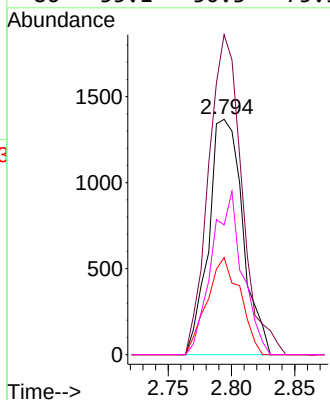
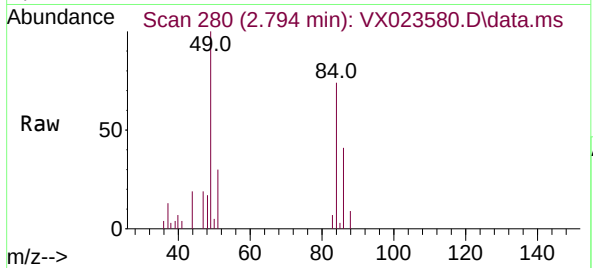




#20
Methylene Chloride
Concen: 1.383 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

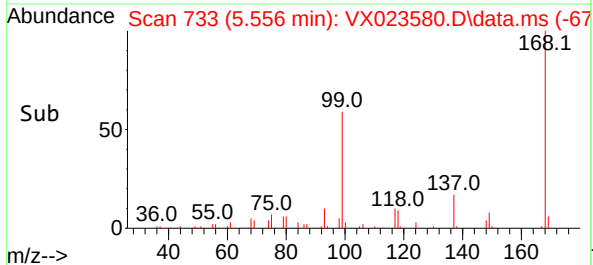
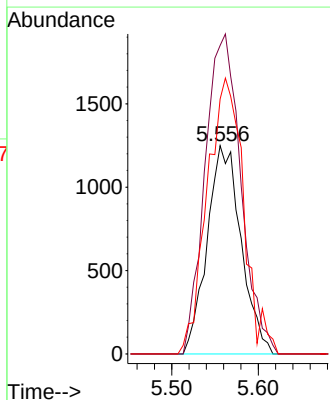
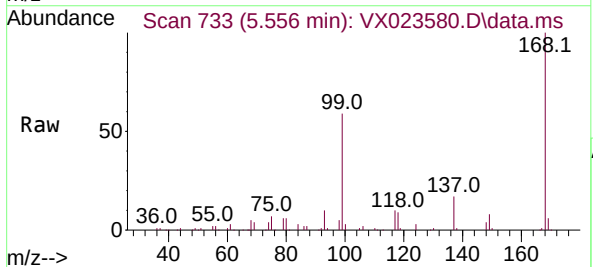
Instrument :
MSVOA_X
ClientSampled :
1964-1968

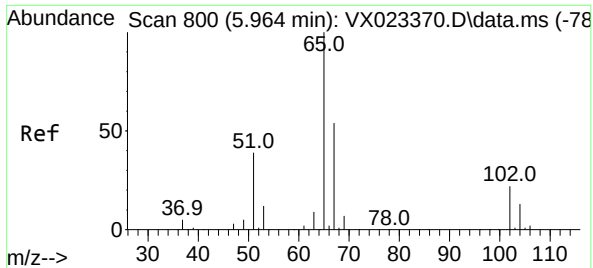
Tgt Ion:	84	Resp:	2561
Ion	Ratio	Lower	Upper
84	100		
49	136.0	88.6	132.8#
51	41.2	27.0	40.6#
86	55.1	50.3	75.5



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion:	56	Resp:	3398
Ion	Ratio	Lower	Upper
56	100		
69	148.1	25.3	37.9#
84	122.3	71.4	107.0#

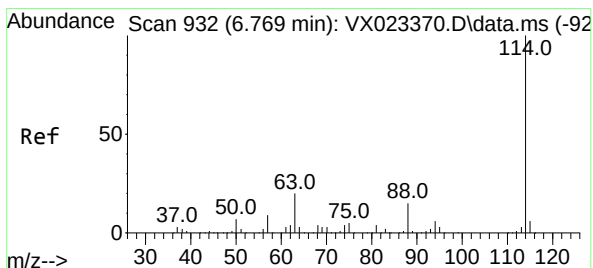
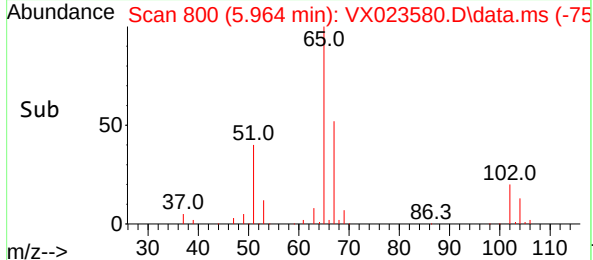
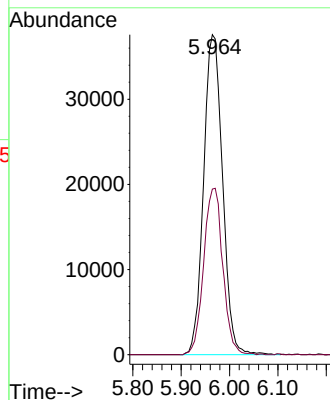
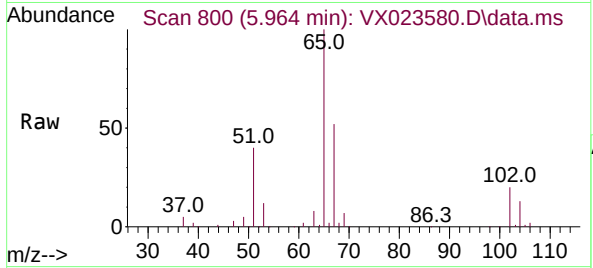




#33
 1,2-Dichloroethane-d4
 Concen: 52.711 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023580.D
 Acq: 05 Aug 2021 18:11

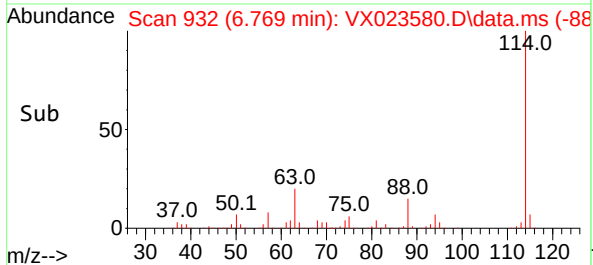
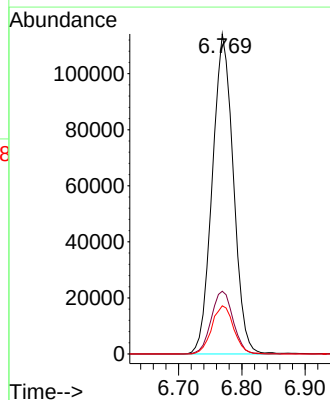
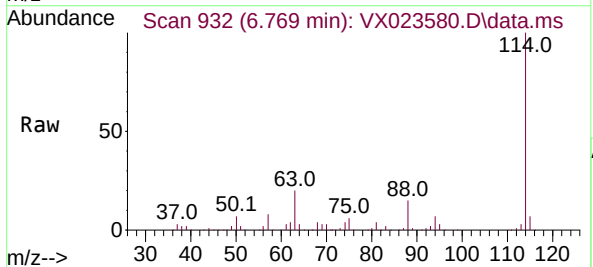
Instrument :
 MSVOA_X
 ClientSampled :
 1964-1968

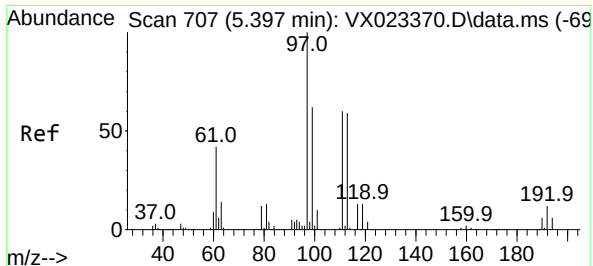
Tgt Ion: 65 Resp: 102301
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023580.D
 Acq: 05 Aug 2021 18:11

Tgt Ion: 114 Resp: 263315
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023580.D

Acq: 05 Aug 2021 18:11

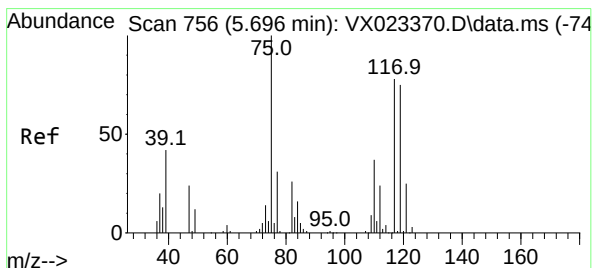
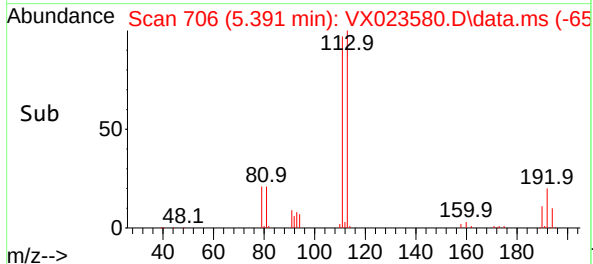
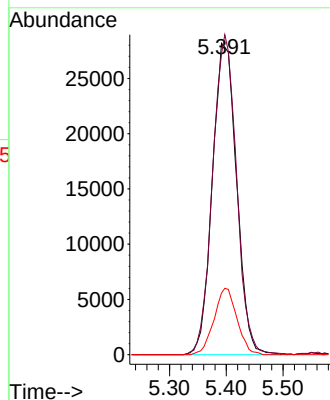
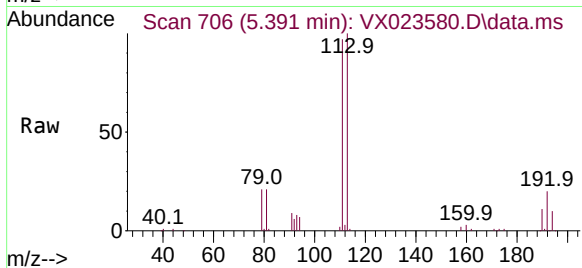
Tgt Ion:113 Resp: 83779

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 20.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.896 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023580.D

Acq: 05 Aug 2021 18:11

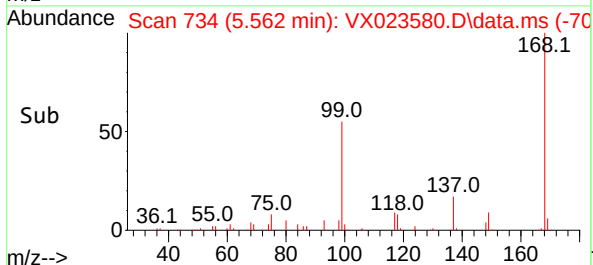
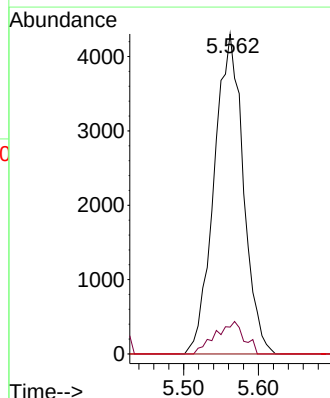
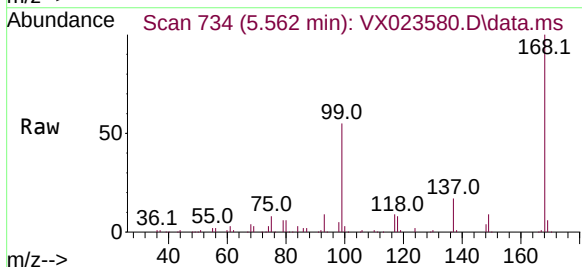
Tgt Ion: 75 Resp: 11663

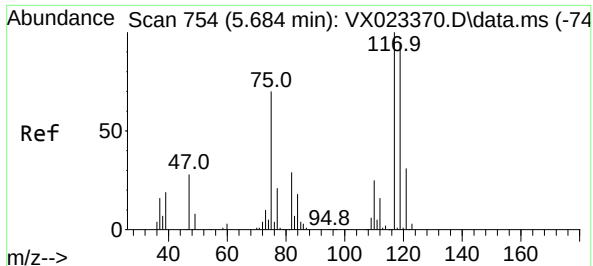
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

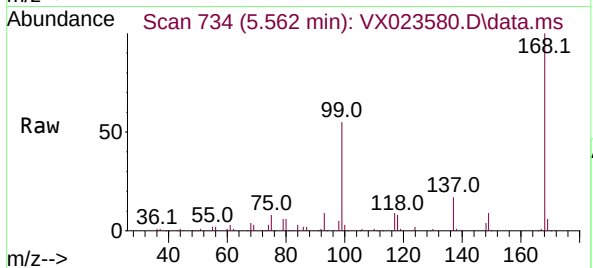
77 0.0 25.3 37.9#



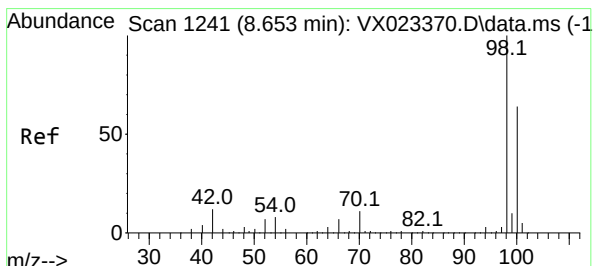
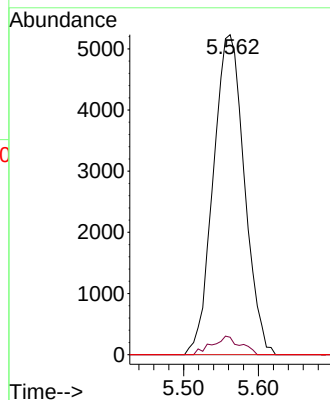
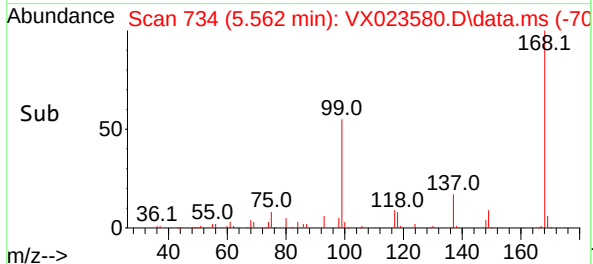


#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

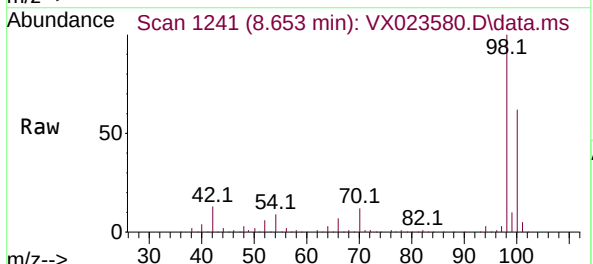
Instrument :
MSVOA_X
ClientSampled :
1964-1968



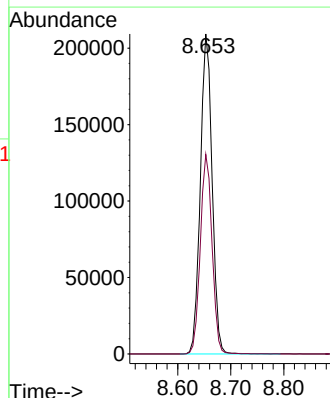
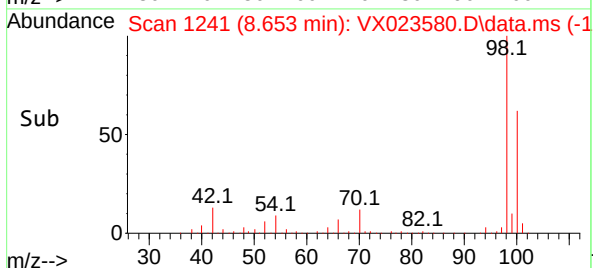
Tgt Ion:117 Resp: 15134
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

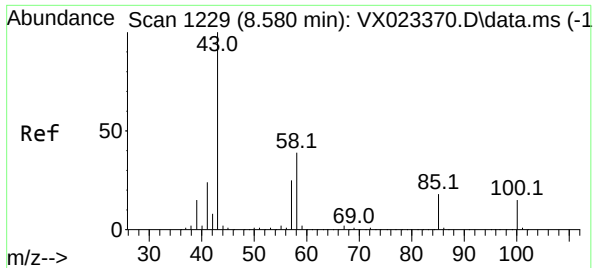


#50
Toluene-d8
Concen: 53.405 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11



Tgt Ion: 98 Resp: 323032
Ion Ratio Lower Upper
98 100
100 62.3 51.9 77.9

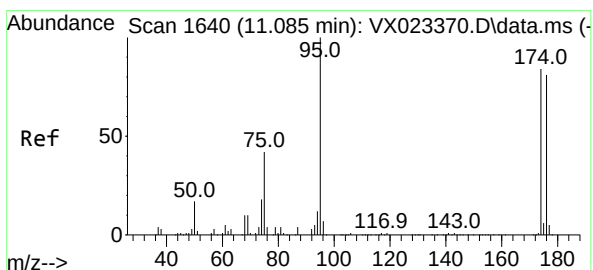
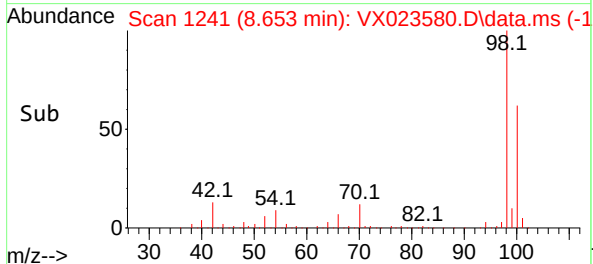
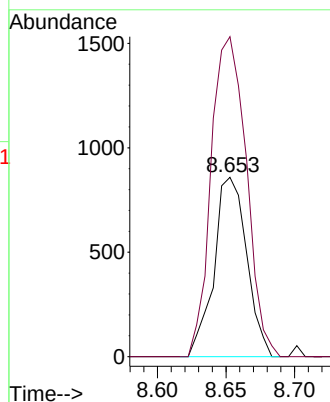
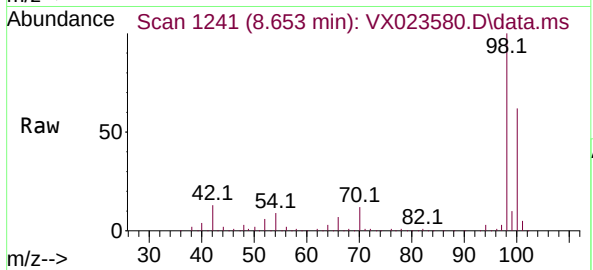




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

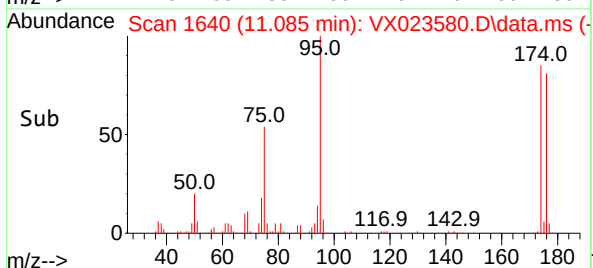
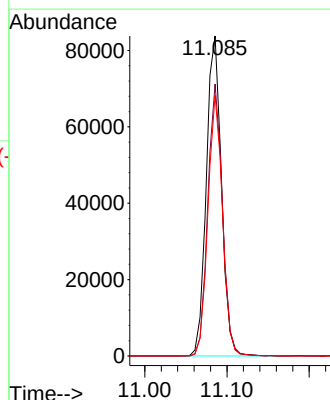
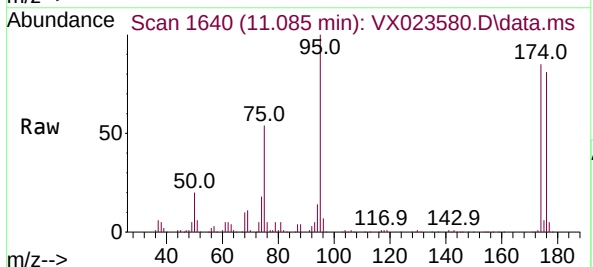
Instrument :
MSVOA_X
ClientSampled :
1964-1968

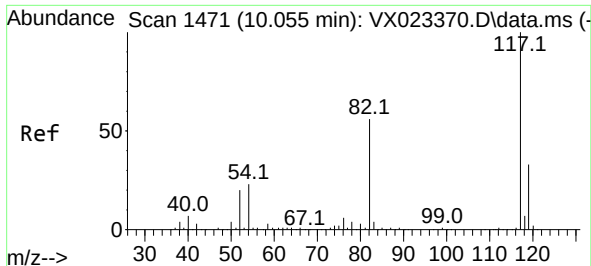
Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 192.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 52.024 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion: 95 Resp: 107005
Ion Ratio Lower Upper
95 100
174 82.4 0.0 154.6
176 78.4 0.0 155.8

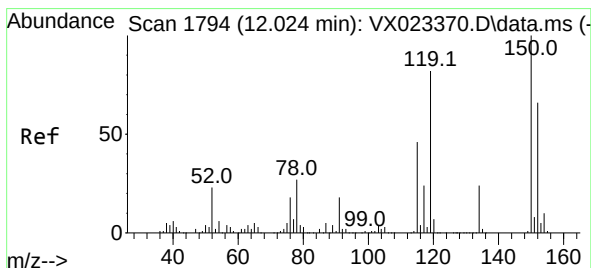
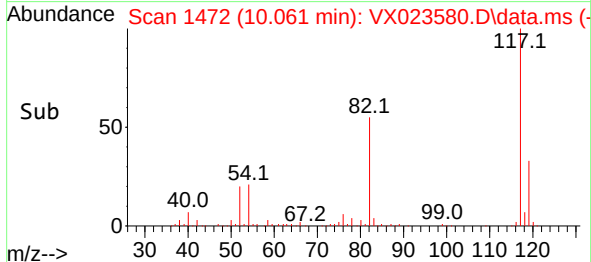
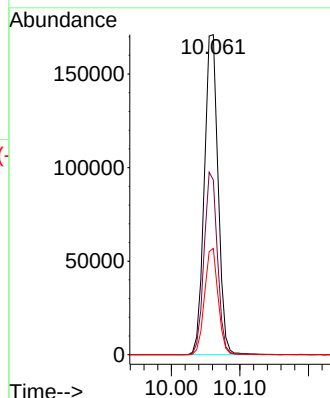
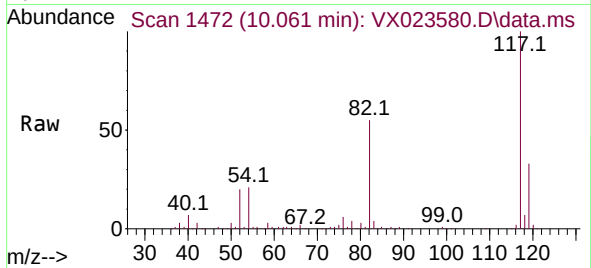




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

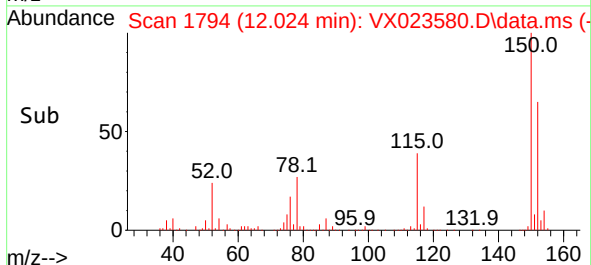
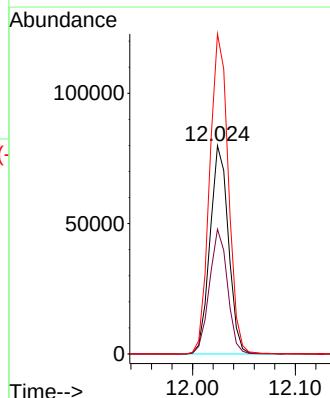
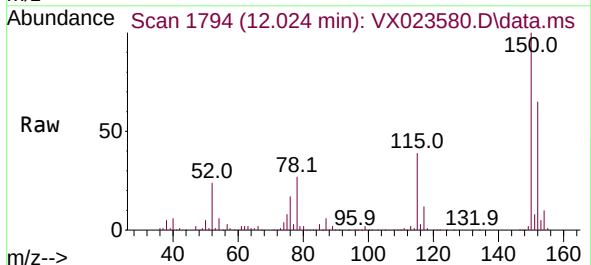
Instrument :
MSVOA_X
ClientSampled :
1964-1968

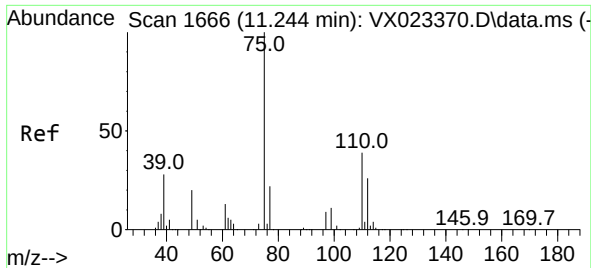
Tgt Ion:117 Resp: 239670
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion:152 Resp: 99474
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 155.8 0.0 349.0

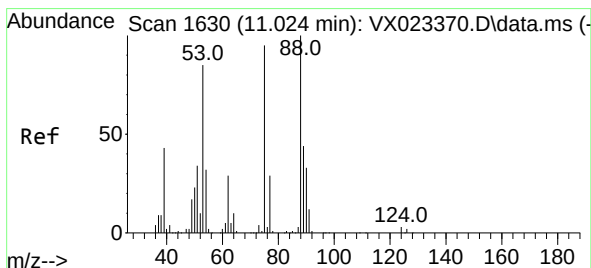
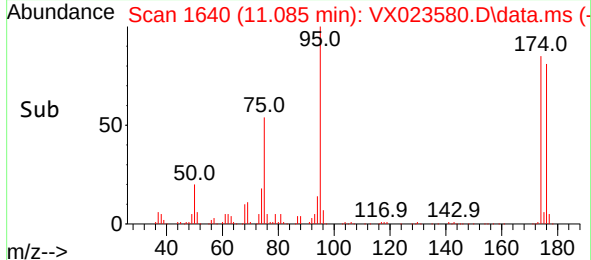
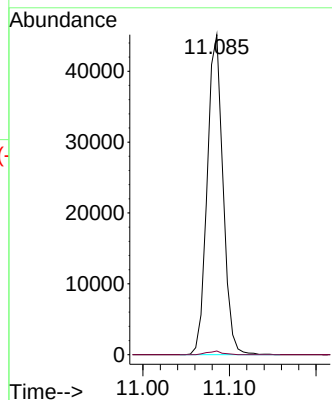
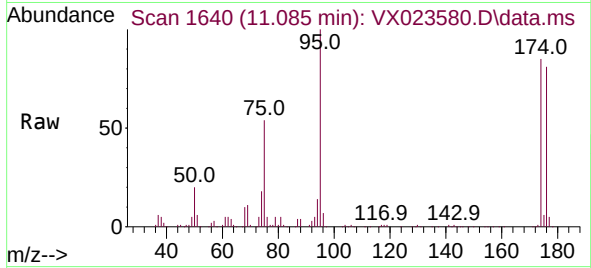




#76
1,2,3-Trichloropropane
Concen: 26.107 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Instrument :
MSVOA_X
ClientSampled :
1964-1968

Tgt Ion: 75 Resp: 57149
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.200 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023580.D
Acq: 05 Aug 2021 18:11

Tgt Ion: 75 Resp: 57149
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

