

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023474.D
 Acq On : 27 Jul 2021 14:02
 Operator : JC/MD
 Sample : M3146-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:51:12 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

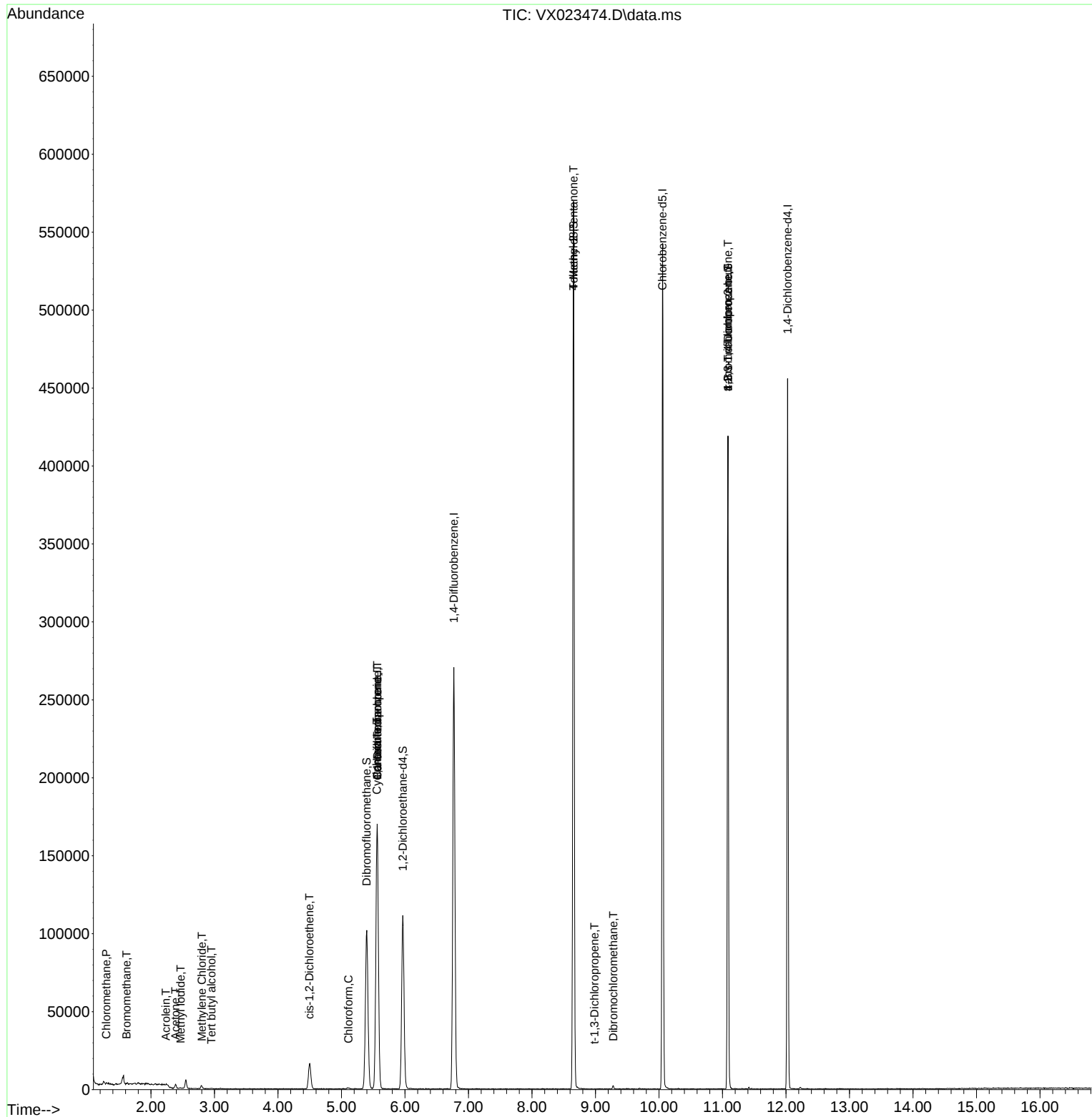
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

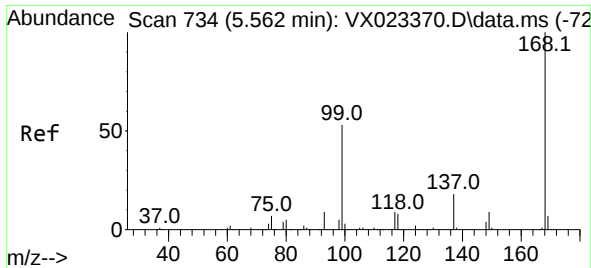
Internal Standards						
1) Pentafluorobenzene	5.562	168	160156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103552	51.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.660%
35) Dibromofluoromethane	5.398	113	86575	51.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	8.653	98	323476	52.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.240%
62) 4-Bromofluorobenzene	11.086	95	102839	48.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	400	0.233	ug/l	100
5) Bromomethane	1.618	94	403	0.391	ug/l	83
10) Methyl Iodide	2.465	142	444	0.223	ug/l #	81
11) Tert butyl alcohol	2.953	59	92	0.202	ug/l #	73
13) Acrolein	2.233	56	169	2.088	ug/l #	51
16) Acetone	2.386	43	2537	2.589	ug/l	96
20) Methylene Chloride	2.800	84	826	0.433	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	10401	5.357	ug/l	88
30) Chloroform	5.111	83	946	0.298	ug/l #	80
31) Cyclohexane	5.556	56	3326	1.124	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12580	5.147	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15981	6.430	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1700	0.582	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	22	1.824	ug/l #	44
60) Dibromochloromethane	9.281	129	265	2.109	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	53047	26.261	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	53047	70.613	ug/l #	12

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

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 28 00:51:12 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

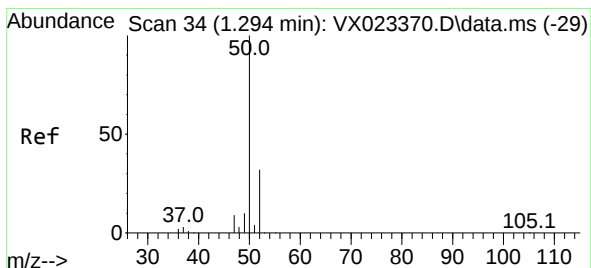
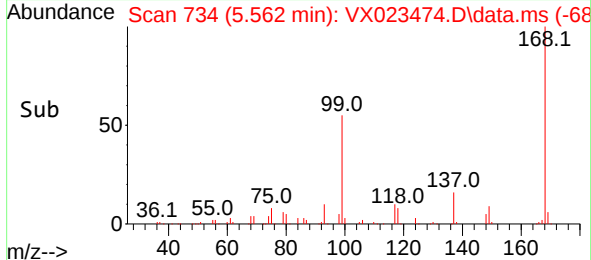
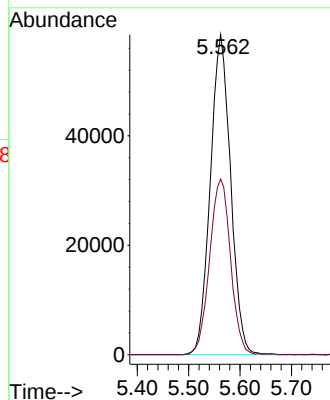
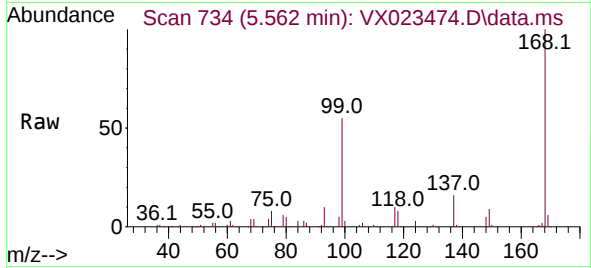




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

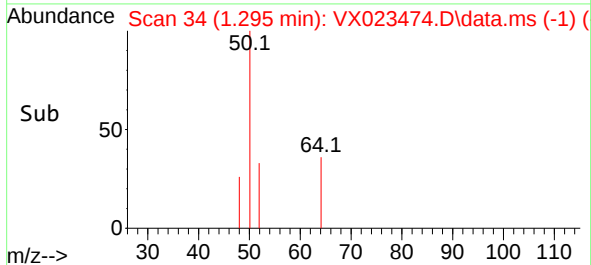
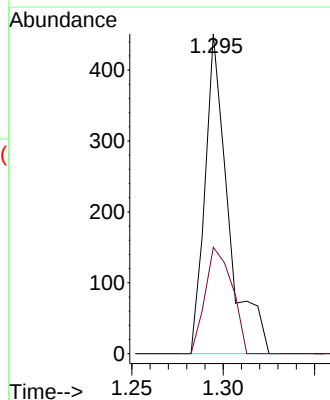
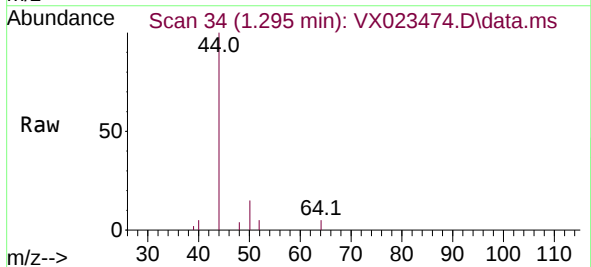
Instrument :
MSVOA_X
ClientSampleId :

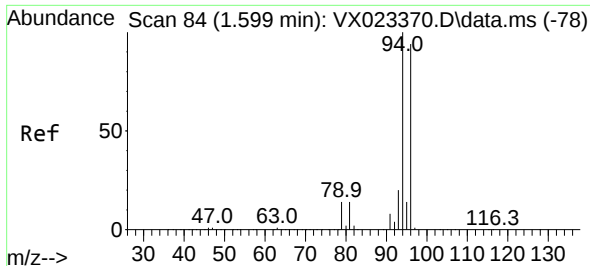
Tgt Ion:168 Resp: 160156
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

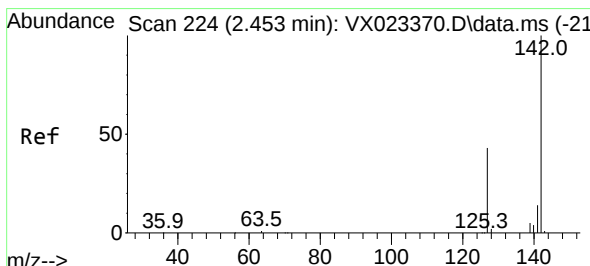
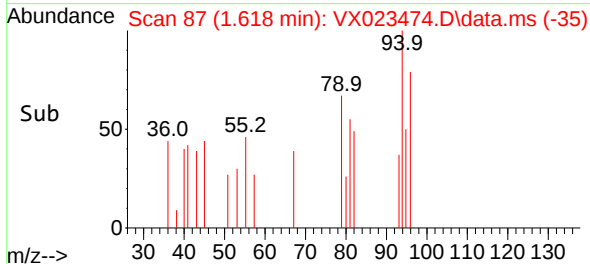
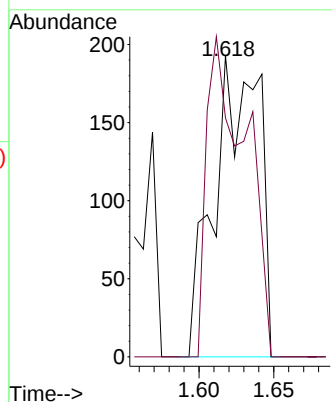
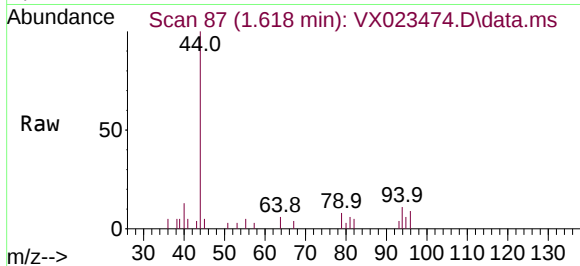




#5
Bromomethane
Concen: 0.391 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

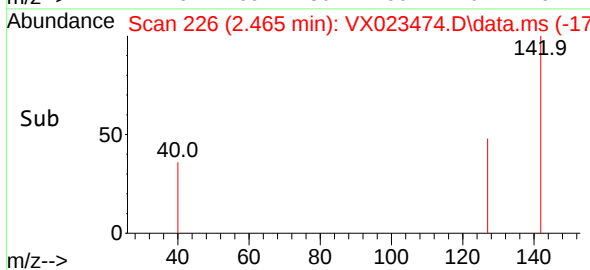
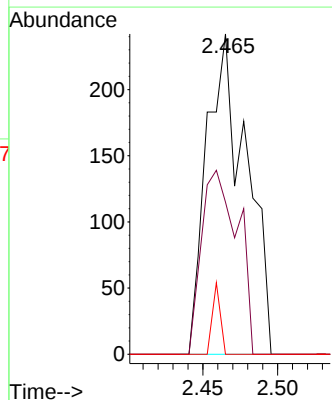
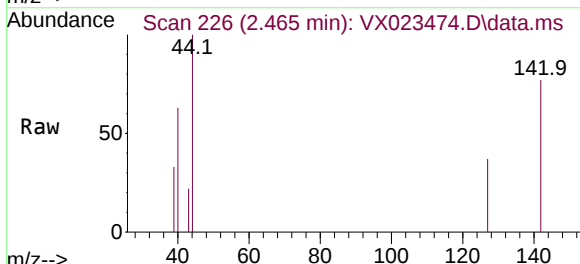
Instrument :
MSVOA_X
ClientSampled :

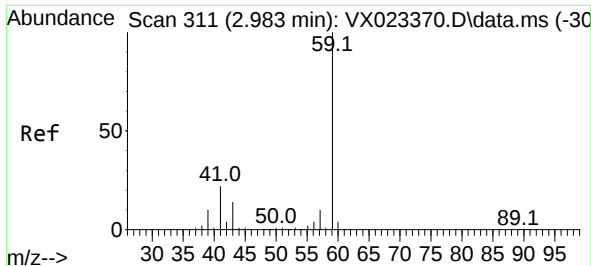
Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 79.3 76.4 114.6



#10
Methyl Iodide
Concen: 0.223 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

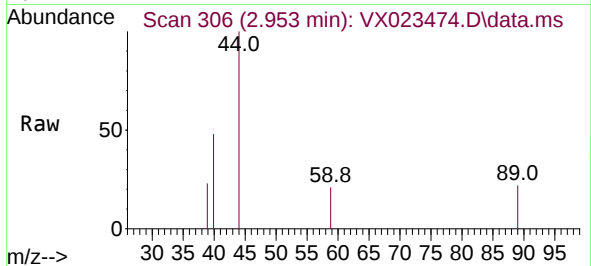
Tgt Ion: 142 Resp: 444
Ion Ratio Lower Upper
142 100
127 52.9 33.3 49.9#
141 4.5 11.4 17.0#



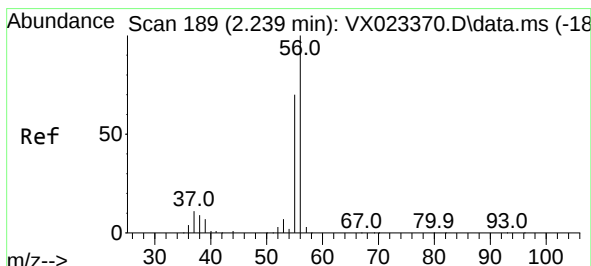
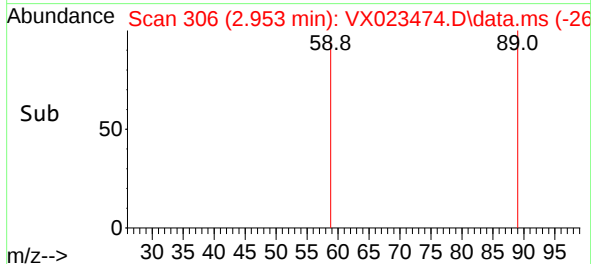
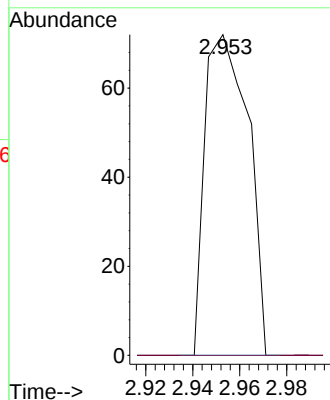


#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Instrument :
MSVOA_X
ClientSampled :

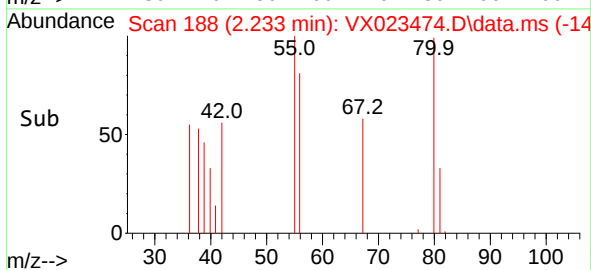
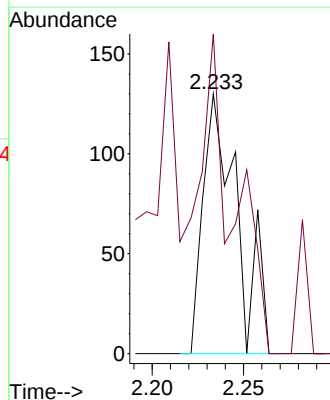
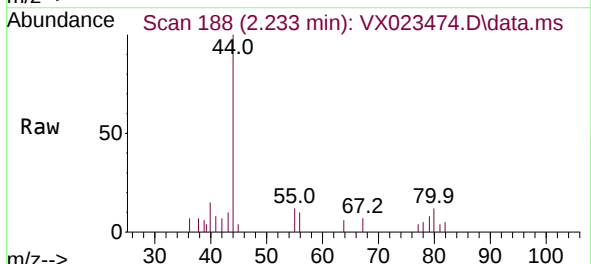


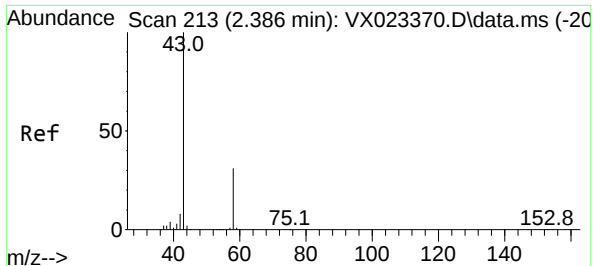
Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 2.088 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 111.2 56.4 84.6#

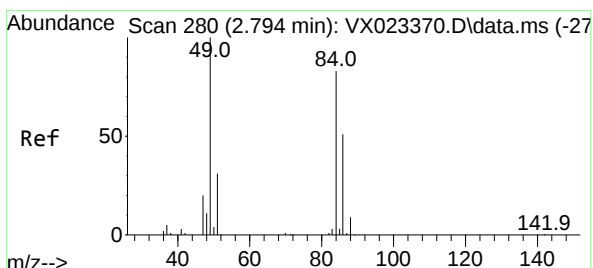
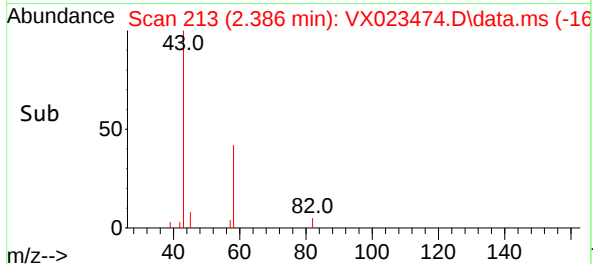
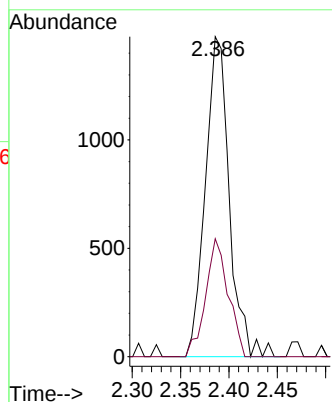
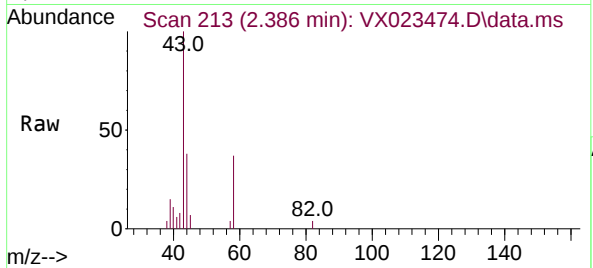




#16
Acetone
Concen: 2.589 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

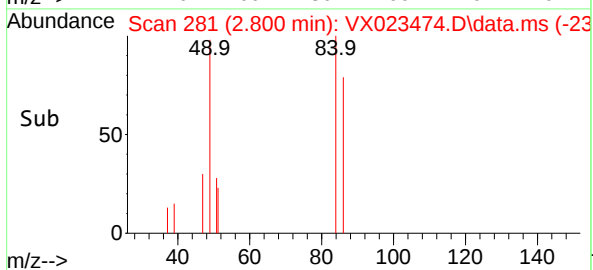
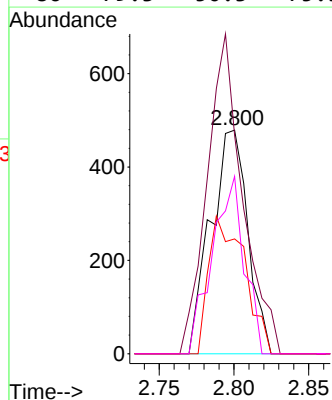
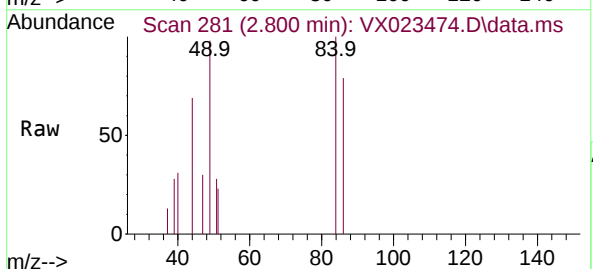
Instrument :
MSVOA_X
ClientSampled :

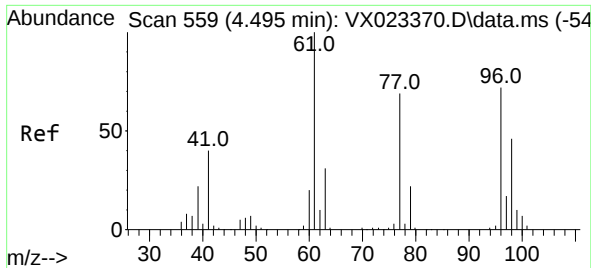
Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
58 36.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Tgt Ion: 84 Resp: 826
Ion Ratio Lower Upper
84 100
49 97.7 88.6 132.8
51 51.4 27.0 40.6#
86 79.3 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 5.357 ug/l

RT: 4.495 min Scan# 559

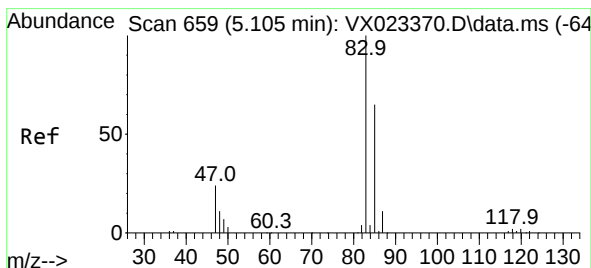
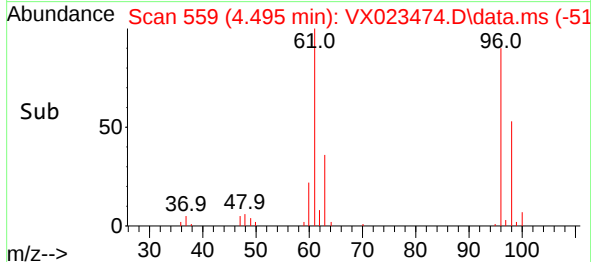
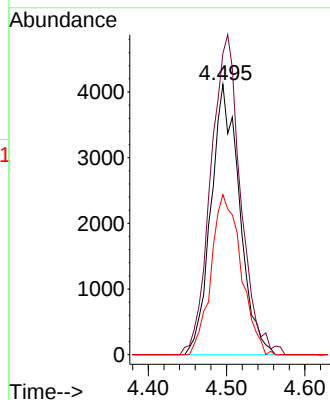
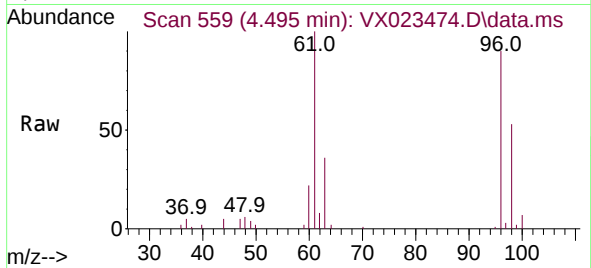
Delta R.T. 0.000 min

Lab File: VX023474.D

Acq: 27 Jul 2021 14:02

Tgt Ion: 96 Resp: 10401

Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	285.6
98	62.0	0.0	129.6



#30

Chloroform

Concen: 0.298 ug/l

RT: 5.111 min Scan# 660

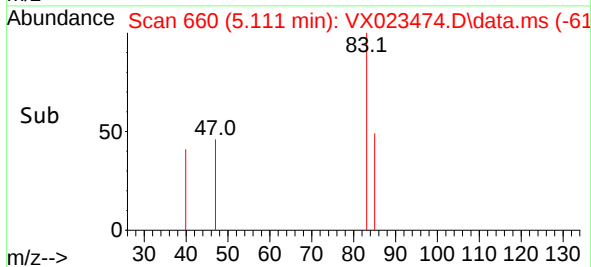
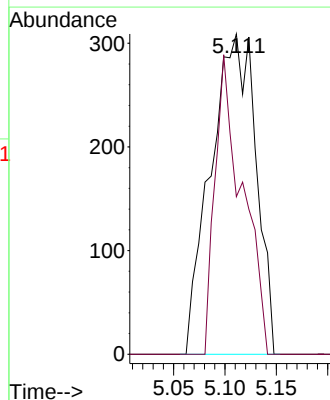
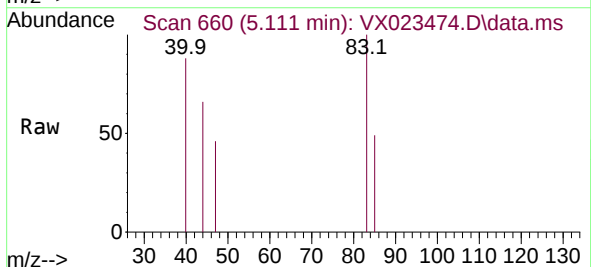
Delta R.T. 0.006 min

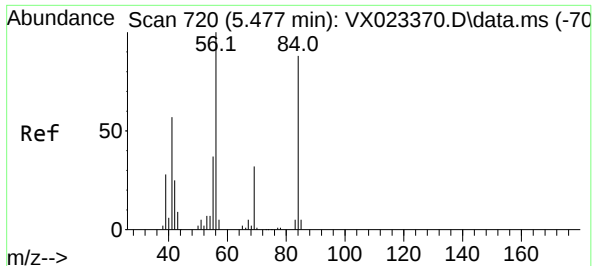
Lab File: VX023474.D

Acq: 27 Jul 2021 14:02

Tgt Ion: 83 Resp: 946

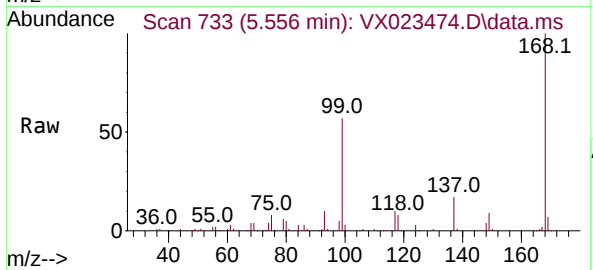
Ion	Ratio	Lower	Upper
83	100		
85	49.2	52.0	78.0#



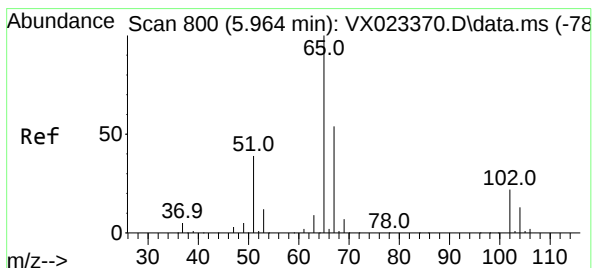
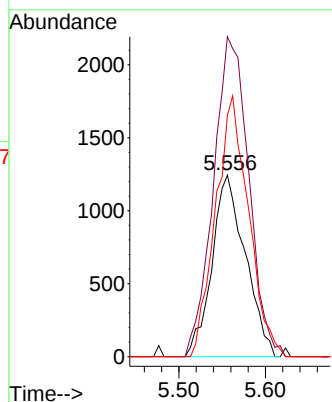
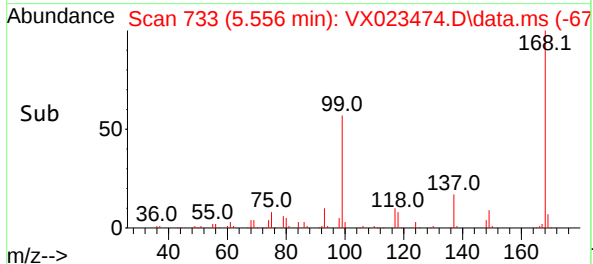


#31
Cyclohexane
Concen: 1.124 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

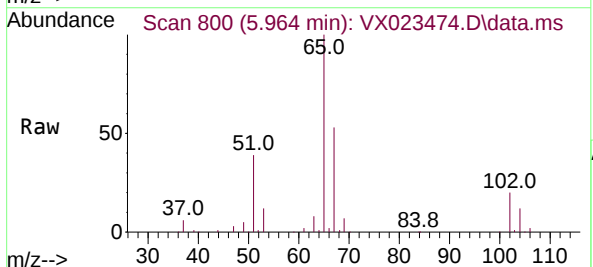
Instrument :
MSVOA_X
ClientSampleId :



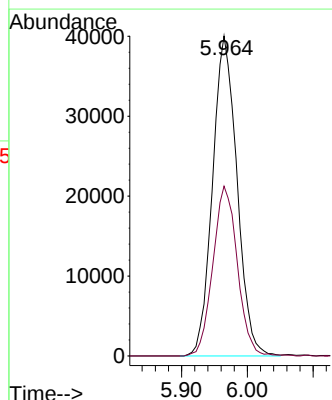
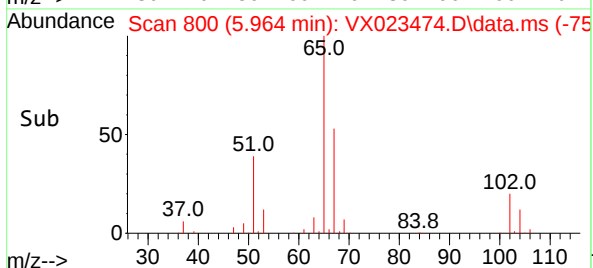
Tgt Ion: 56 Resp: 3326
Ion Ratio Lower Upper
56 100
69 176.3 25.3 37.9#
84 132.9 71.4 107.0#

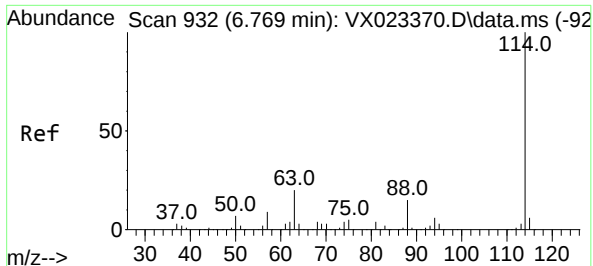


#33
1,2-Dichloroethane-d4
Concen: 51.833 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02



Tgt Ion: 65 Resp: 103552
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

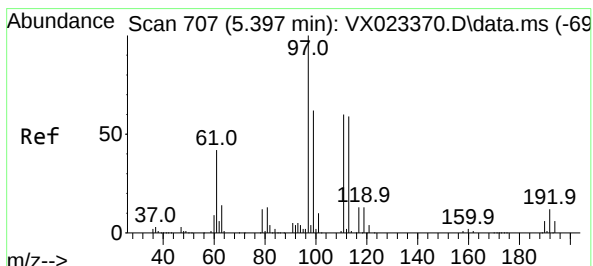
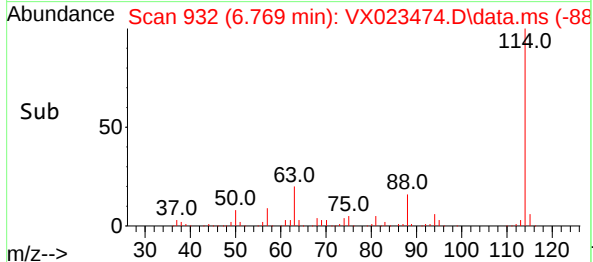
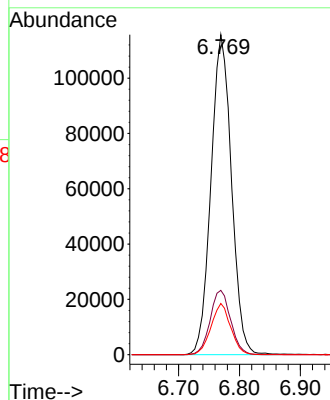
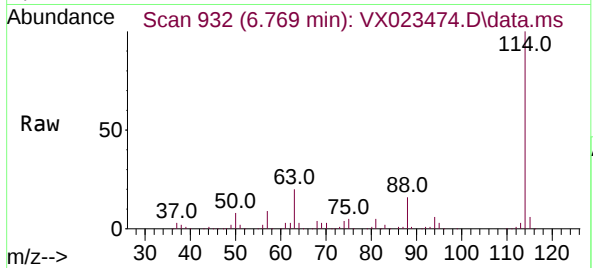




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

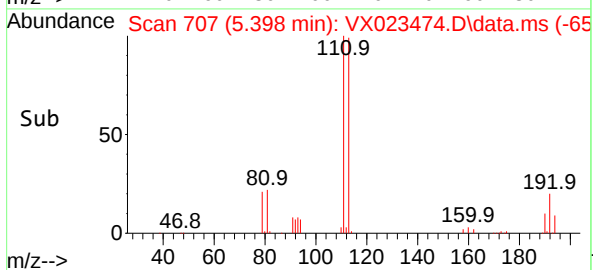
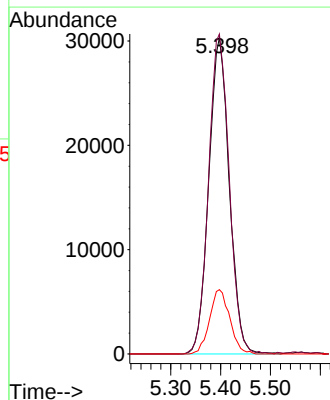
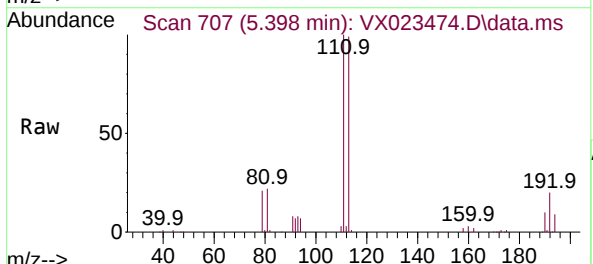
Instrument :
MSVOA_X
ClientSampleId :

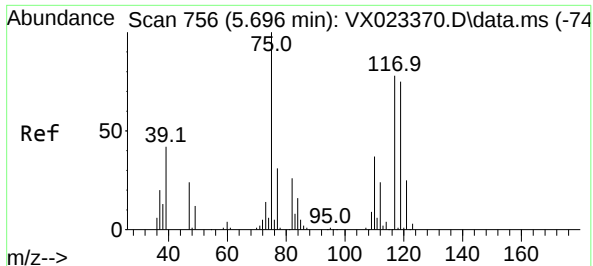
Tgt Ion:114 Resp: 270165
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.252 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

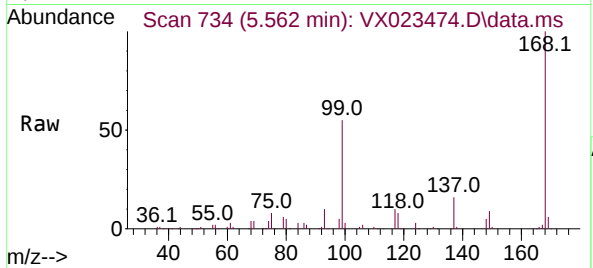
Tgt Ion:113 Resp: 86575
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.0 16.7 25.1



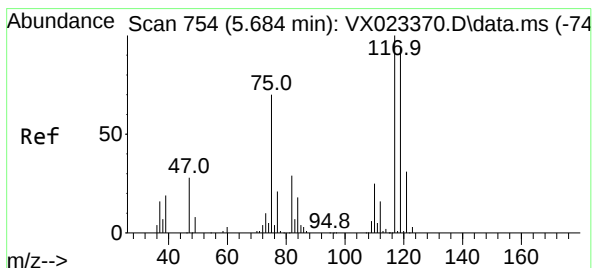
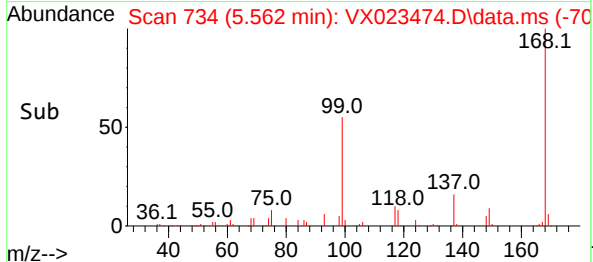
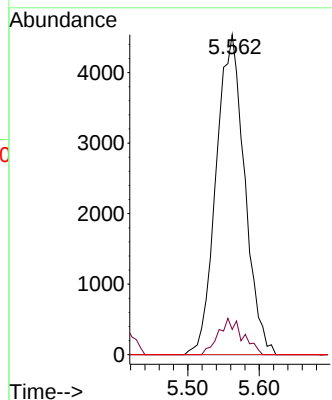


#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Instrument :
MSVOA_X
ClientSampled :

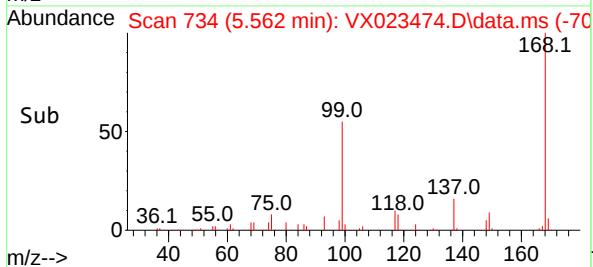
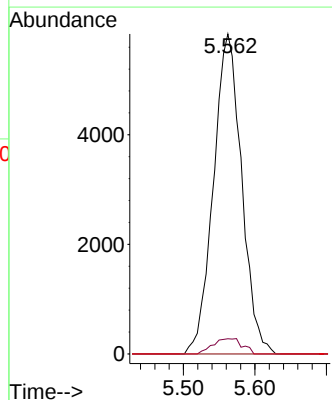
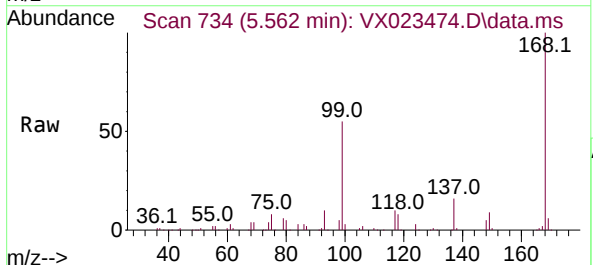


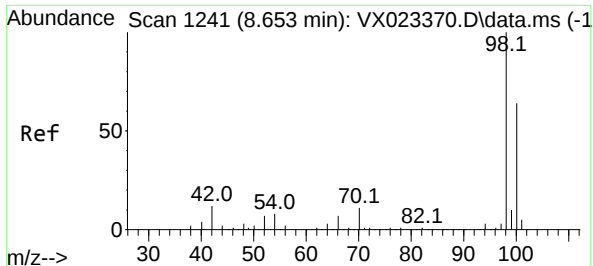
Tgt Ion: 75 Resp: 12580
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Tgt Ion: 117 Resp: 15981
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.122 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX023474.D

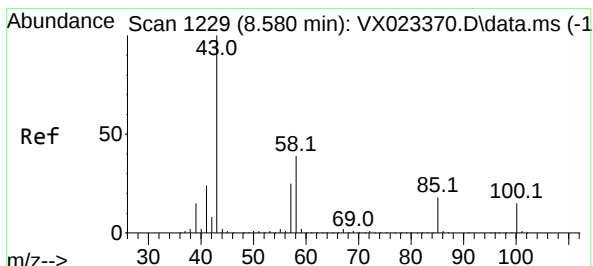
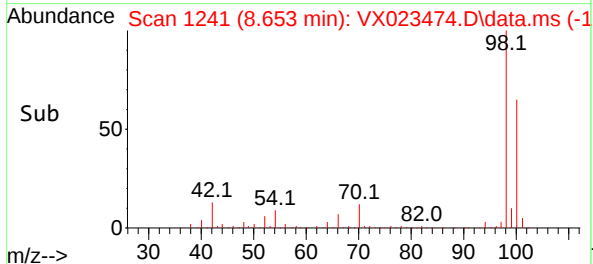
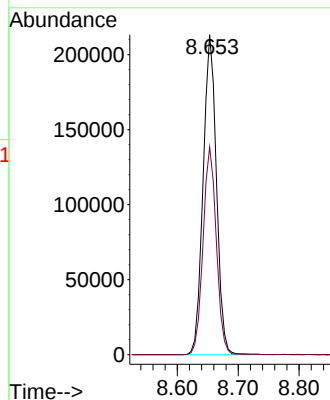
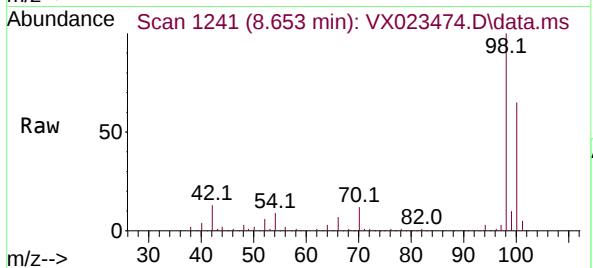
Acq: 27 Jul 2021 14:02

Tgt Ion: 98 Resp: 323476

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023474.D

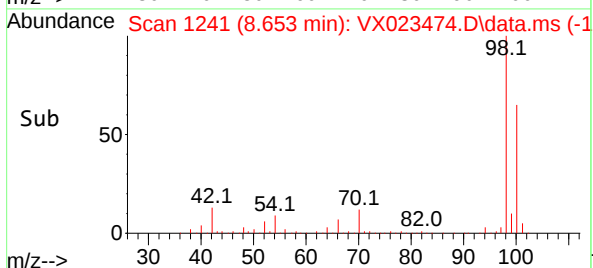
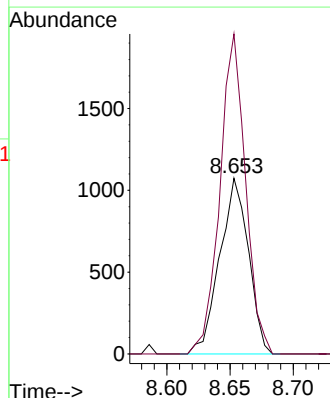
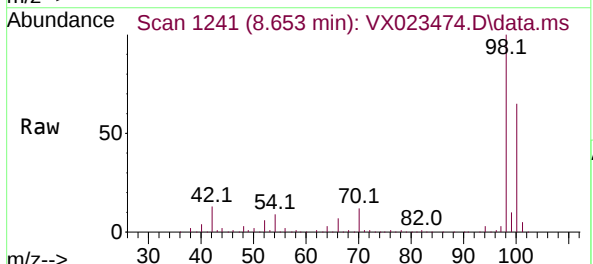
Acq: 27 Jul 2021 14:02

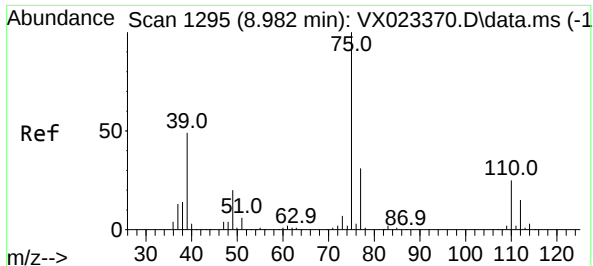
Tgt Ion: 43 Resp: 1700

Ion Ratio Lower Upper

43 100

58 162.4 35.4 53.0#

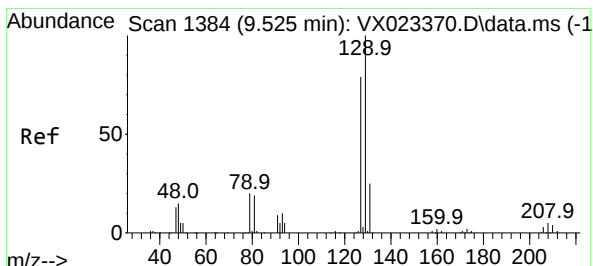
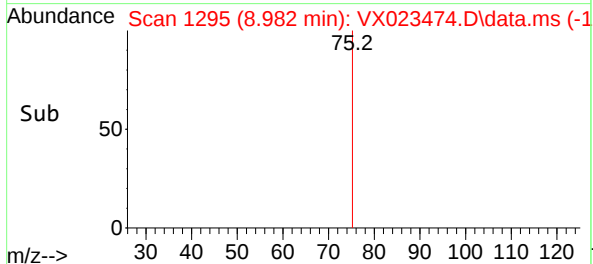
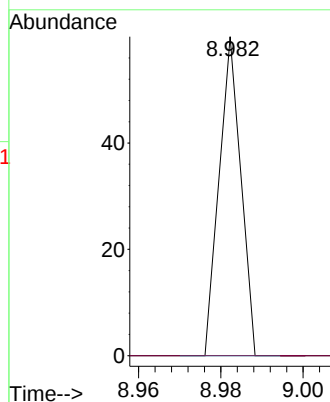
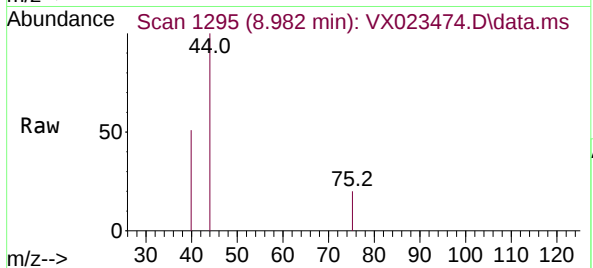




#53
t-1,3-Dichloropropene
Concen: 1.824 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

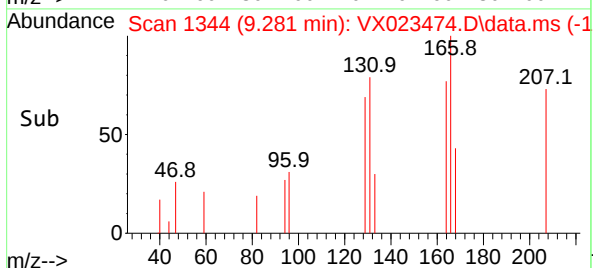
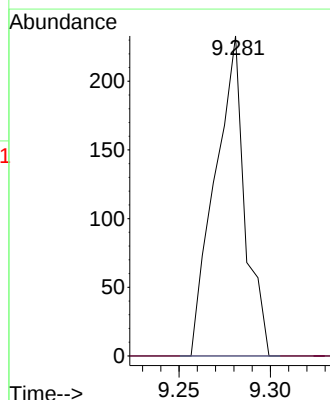
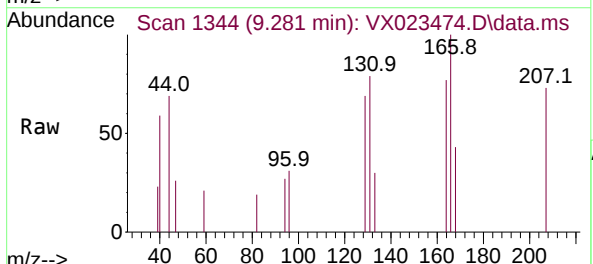
Instrument :
MSVOA_X
ClientSampled :

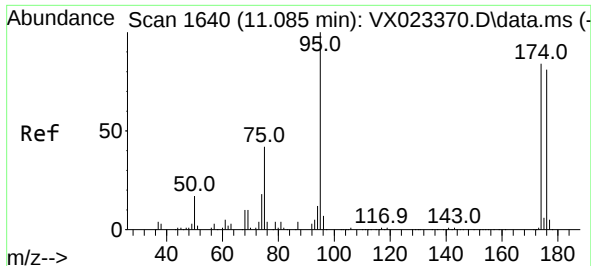
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.109 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Tgt Ion:129 Resp: 265
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

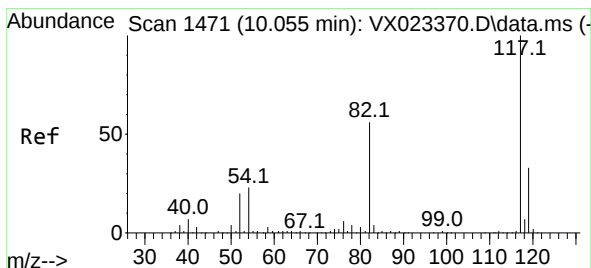
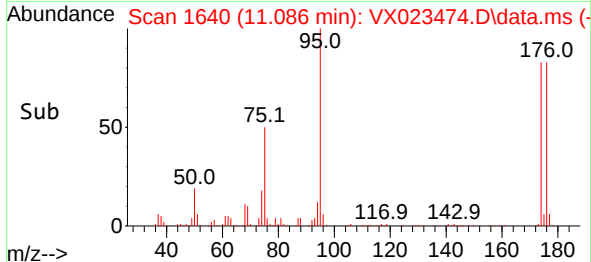
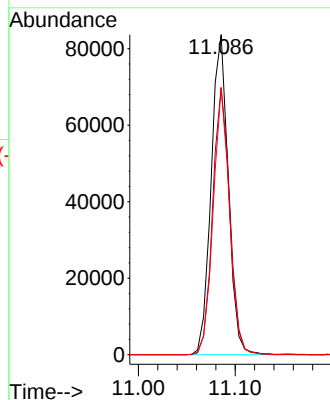
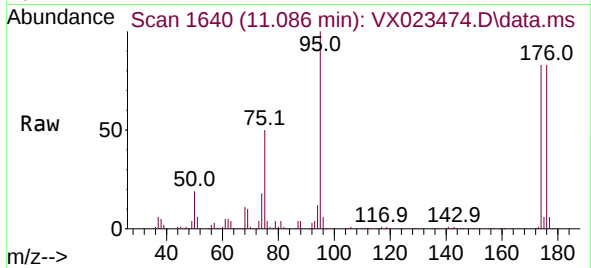




#62
4-Bromofluorobenzene
Concen: 48.731 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

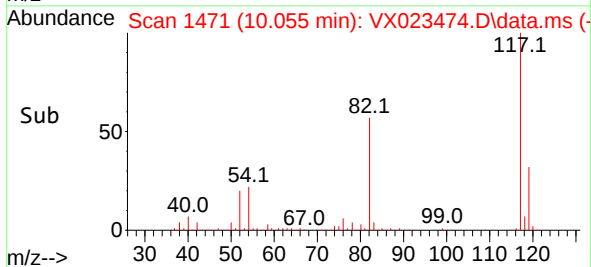
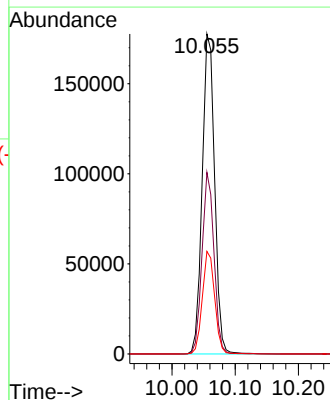
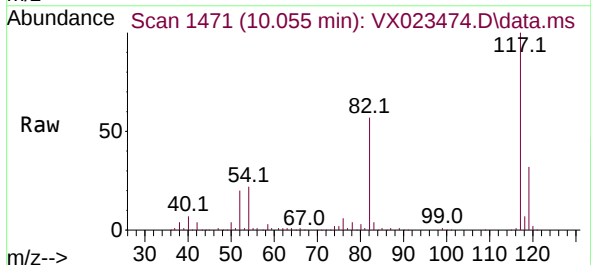
Instrument :
MSVOA_X
ClientSampled :

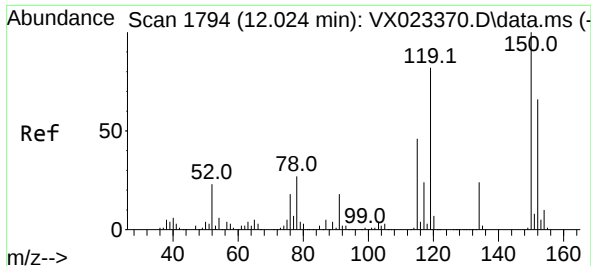
Tgt Ion: 95 Resp: 102839
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 79.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

Tgt Ion: 117 Resp: 243005
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.0 26.6 39.8

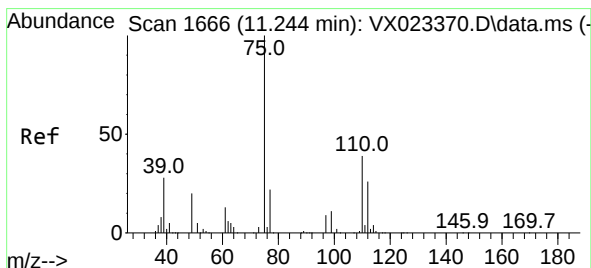
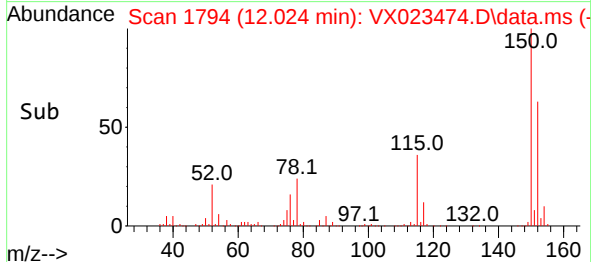
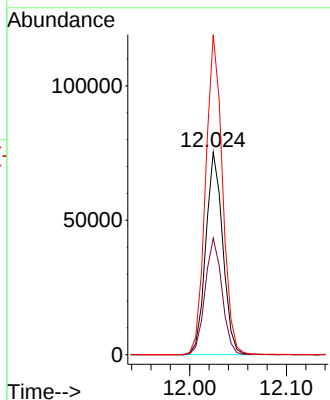
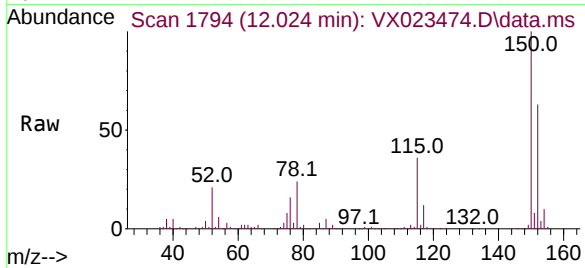




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

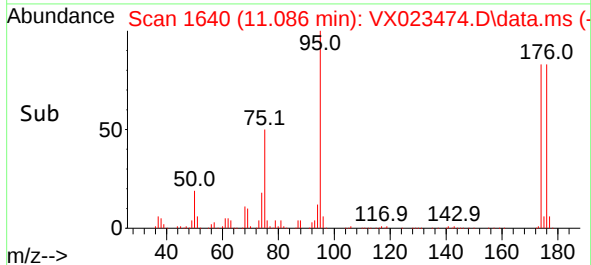
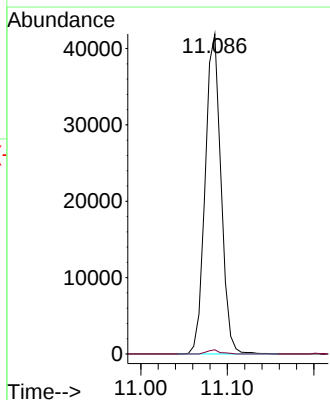
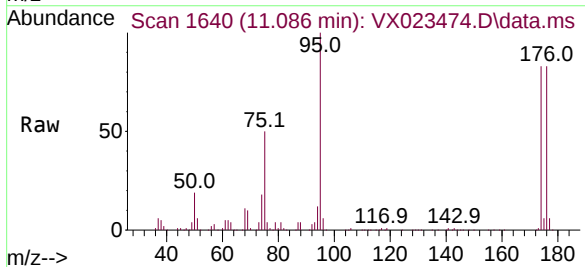
Instrument :
MSVOA_X
ClientSampled :

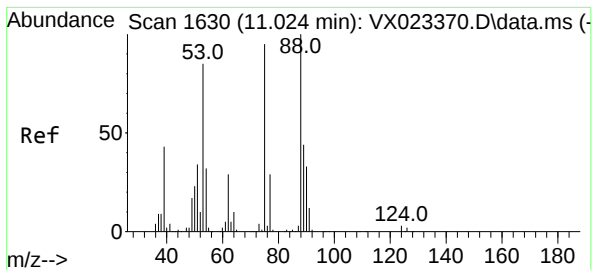
Tgt Ion:152 Resp: 91794
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 157.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.261 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023474.D
Acq: 27 Jul 2021 14:02

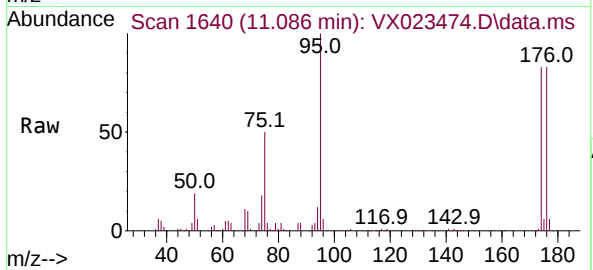
Tgt Ion: 75 Resp: 53047
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.613 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.062 min
 Lab File: VX023474.D
 Acq: 27 Jul 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53047
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

