

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023570.D
 Acq On : 05 Aug 2021 14:15
 Operator : JC/MD
 Sample : M3297-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 125-27

Quant Time: Aug 06 03:23:09 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)

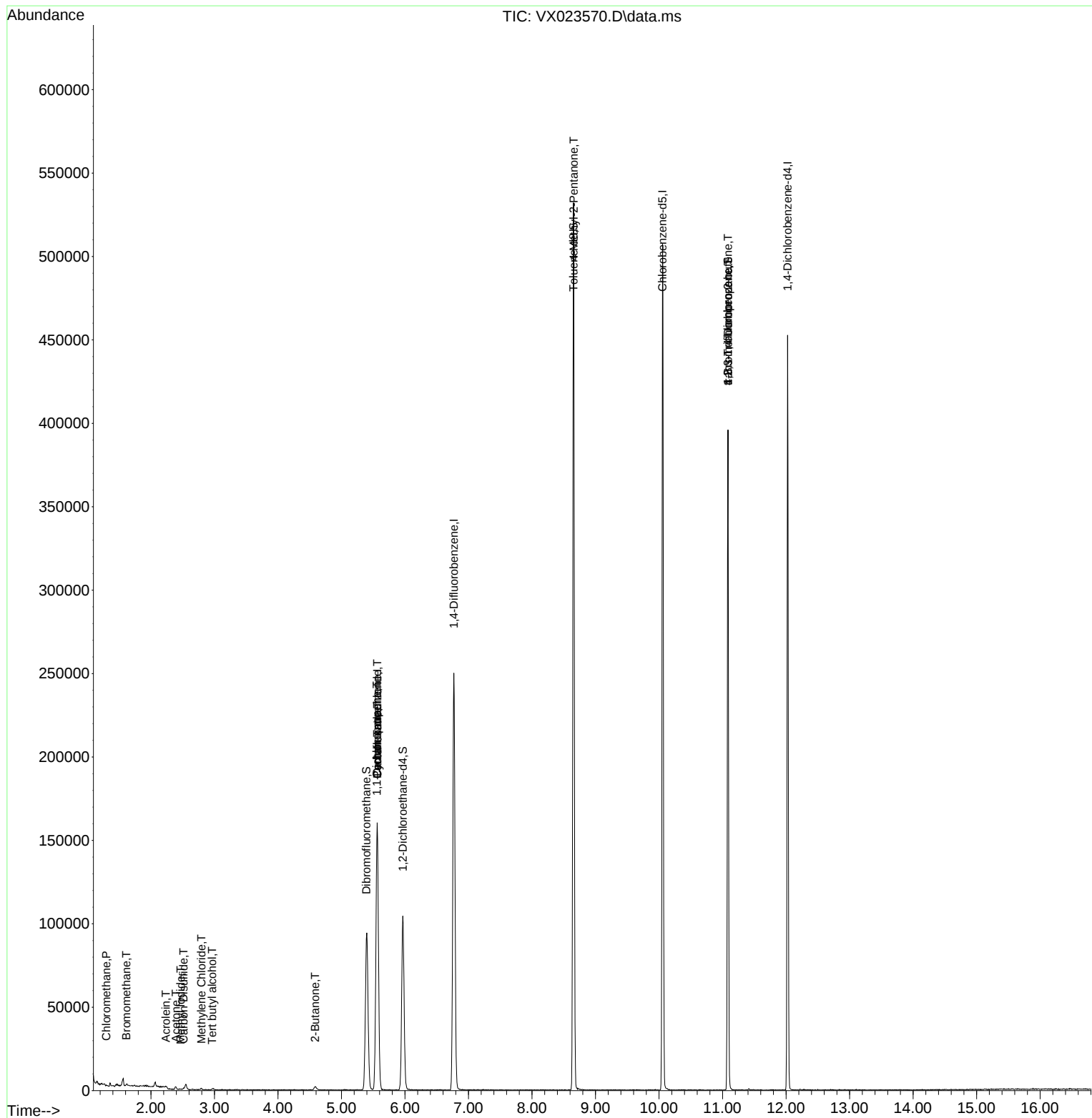
Internal Standards						
1) Pentafluorobenzene	5.562	168	149772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99738	53.385	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.780%			
35) Dibromofluoromethane	5.391	113	81101	51.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.653	98	305105	52.243	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.480%			
62) 4-Bromofluorobenzene	11.085	95	98859	49.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.560%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	348	0.217	ug/l	95
5) Bromomethane	1.611	94	595	0.617	ug/l	83
10) Methyl Iodide	2.465	142	526	0.283	ug/l #	88
11) Tert butyl alcohol	2.965	59	782	1.832	ug/l	95
13) Acrolein	2.233	56	50	1.593	ug/l #	1
16) Acetone	2.392	43	1893	2.066	ug/l	97
17) Carbon Disulfide	2.514	76	1158	0.319	ug/l	97
20) Methylene Chloride	2.794	84	474	0.266	ug/l	92
25) 2-Butanone	4.586	43	356	0.250	ug/l #	45
31) Cyclohexane	5.562	56	3278	1.184	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	11822	5.140	ug/l #	48
38) Carbon Tetrachloride	5.562	117	15040	6.430	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1519	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51983	25.803	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51983	69.380	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
125-27

Quant Time: Aug 06 03:23:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
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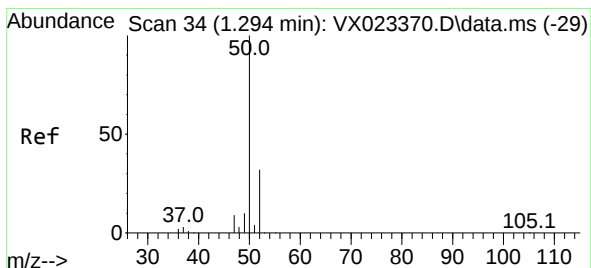
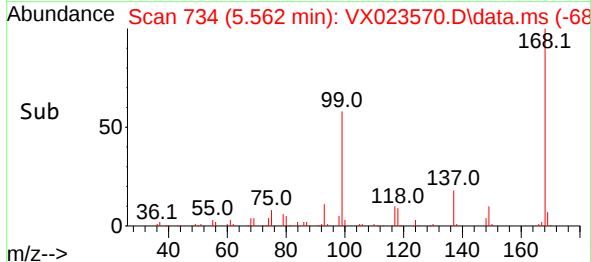
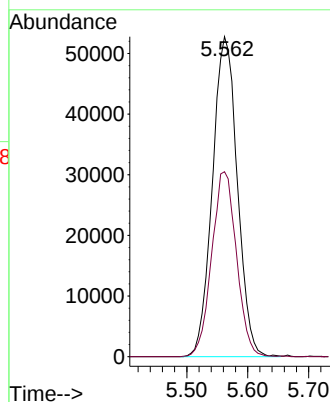
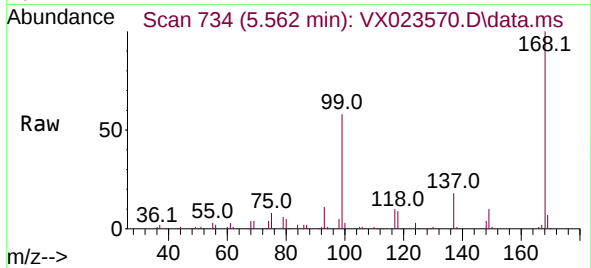




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

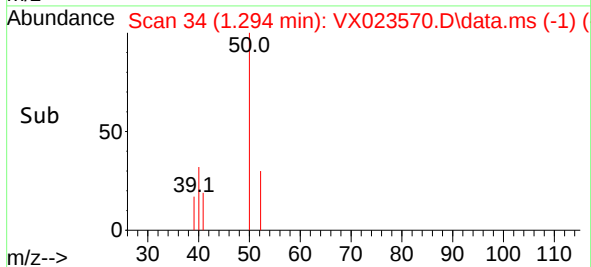
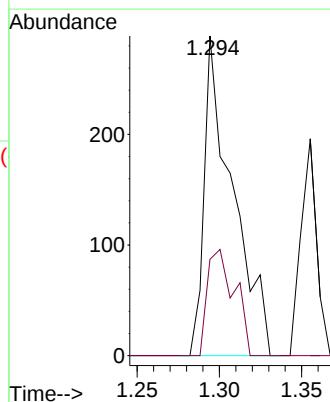
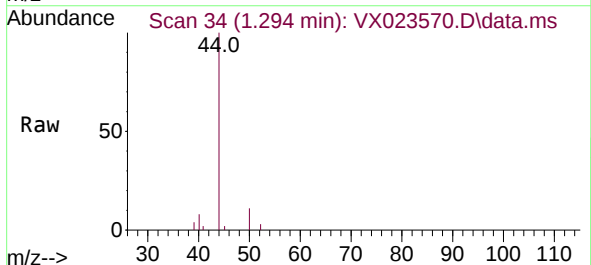
Instrument :
MSVOA_X
ClientSampleId :
125-27

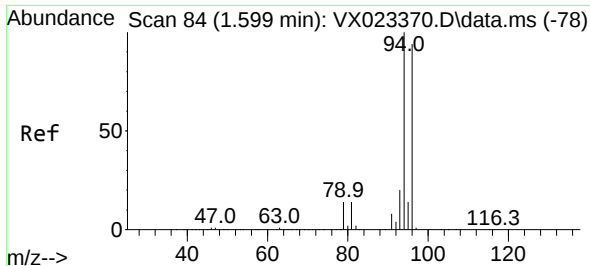
Tgt Ion:168 Resp: 149772
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 30.1 26.4 39.6

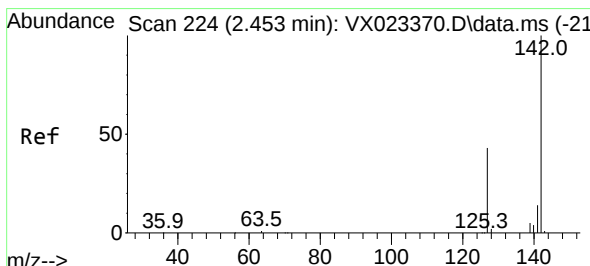
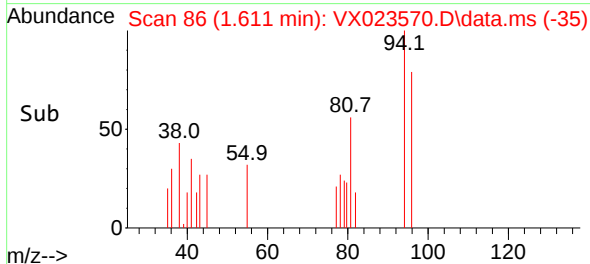
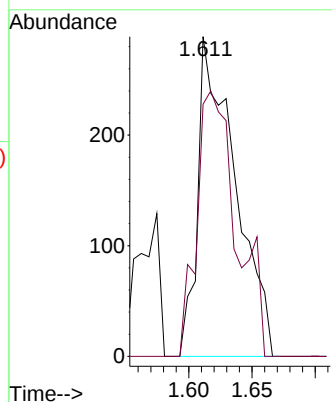
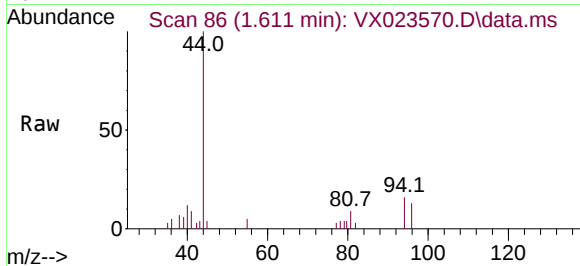




#5
Bromomethane
Concen: 0.617 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

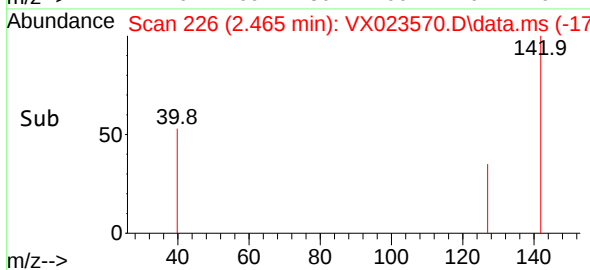
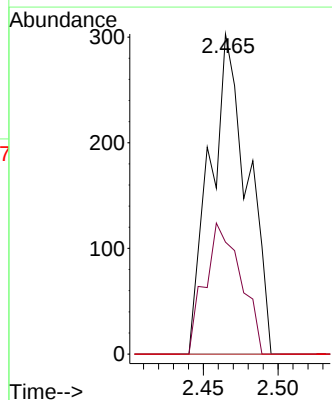
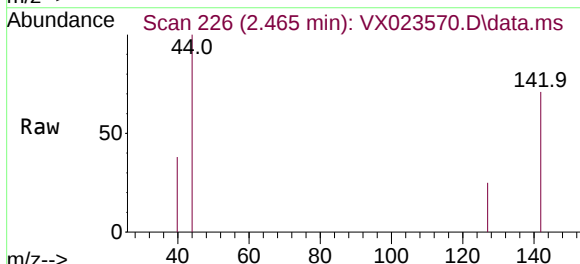
Instrument :
MSVOA_X
ClientSampled :
125-27

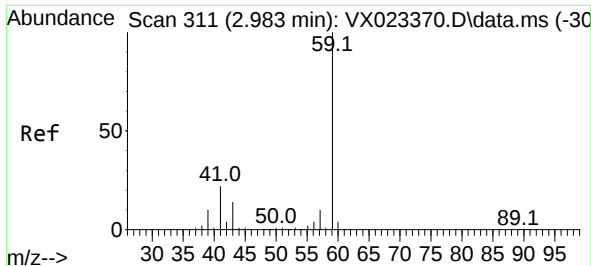
Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 78.9 76.4 114.6



#10
Methyl Iodide
Concen: 0.283 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 142 Resp: 526
Ion Ratio Lower Upper
142 100
127 39.4 33.3 49.9
141 0.0 11.4 17.0#



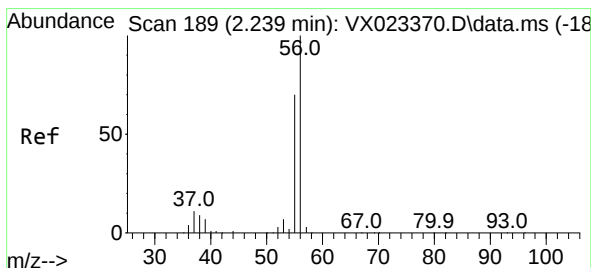
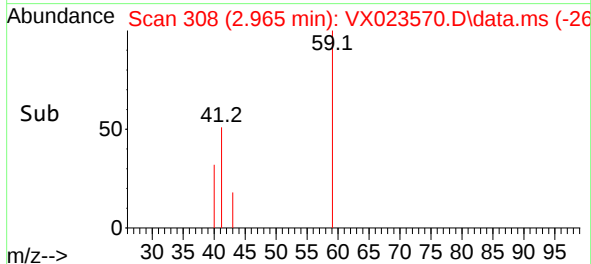
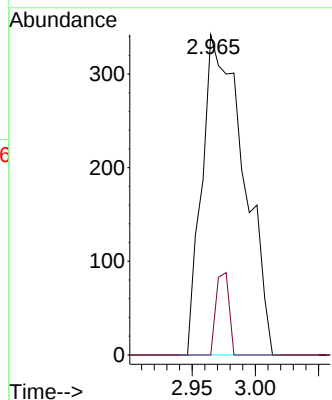
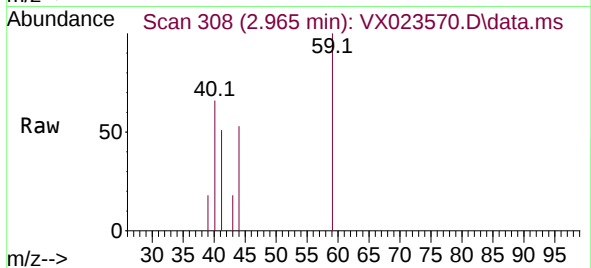


#11

Tert butyl alcohol
Concen: 1.832 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Instrument :
MSVOA_X
ClientSampled :
125-27

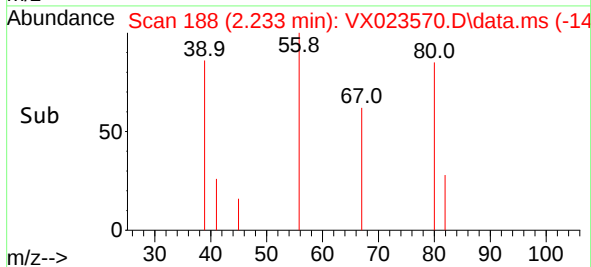
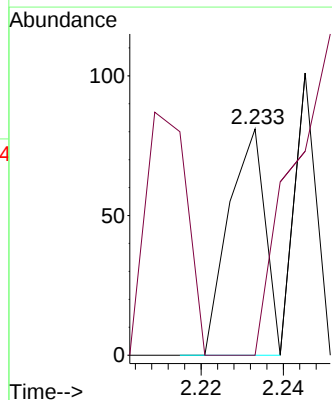
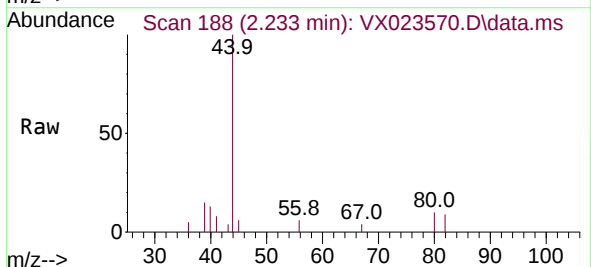
Tgt Ion: 59 Resp: 782
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8

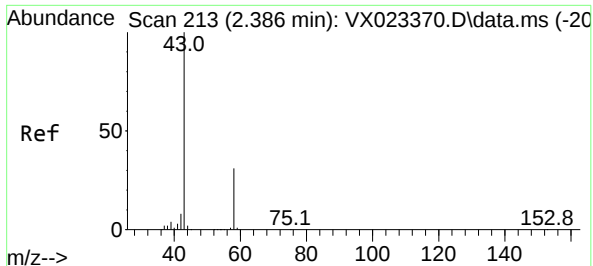


#13

Acrolein
Concen: 1.593 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 306.0 56.4 84.6#

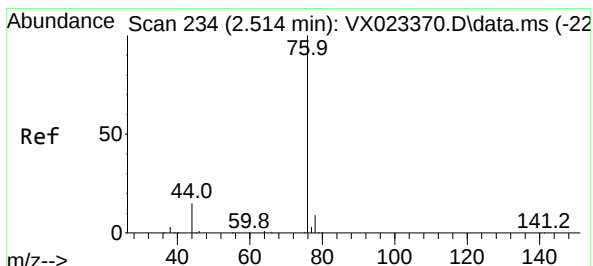
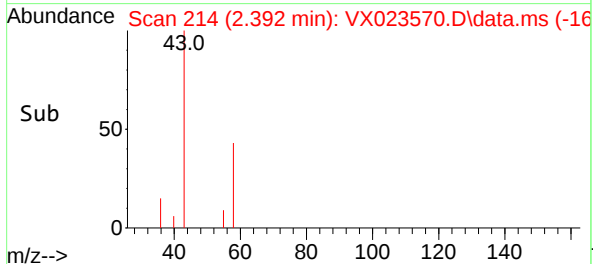
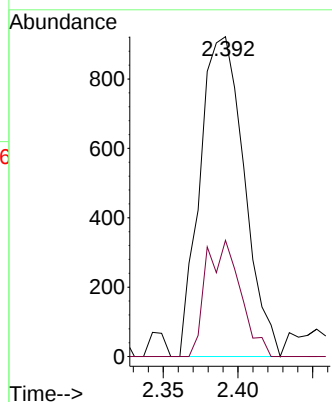
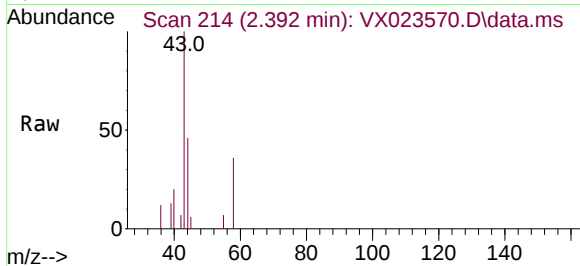




#16
Acetone
Concen: 2.066 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

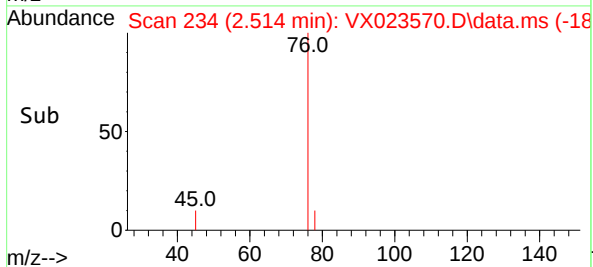
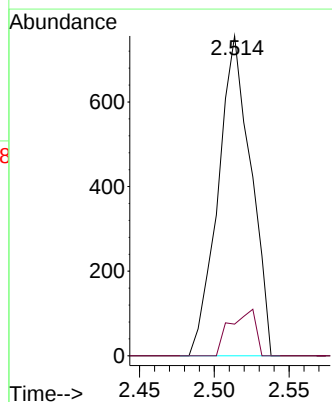
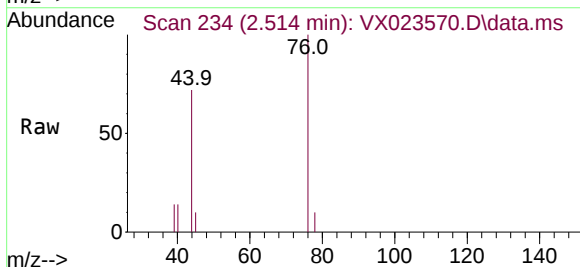
Instrument :
MSVOA_X
ClientSampled :
125-27

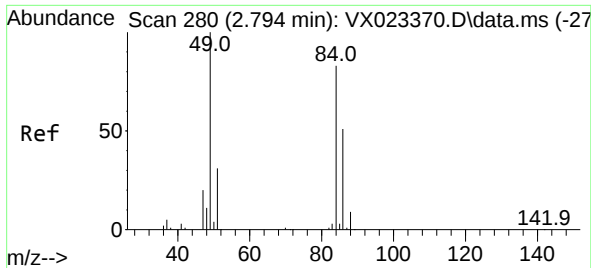
Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 76 Resp: 1158
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

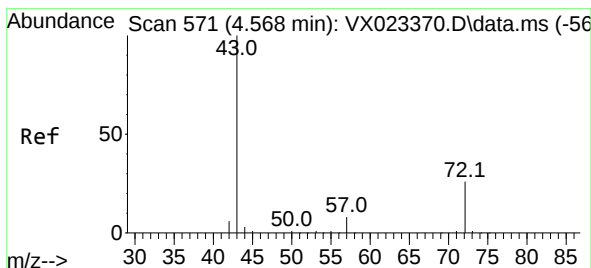
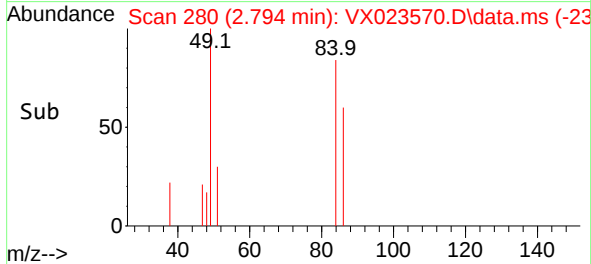
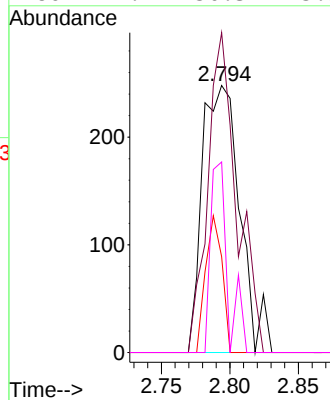
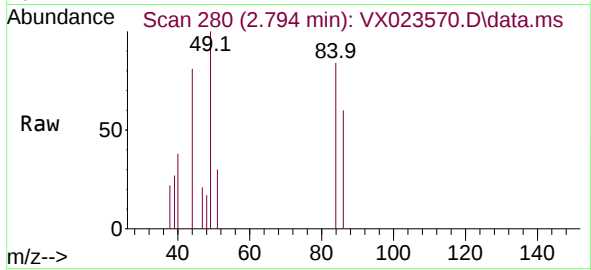




#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

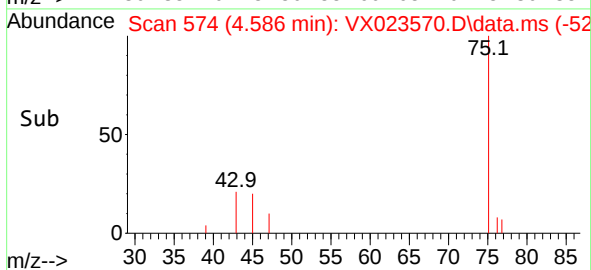
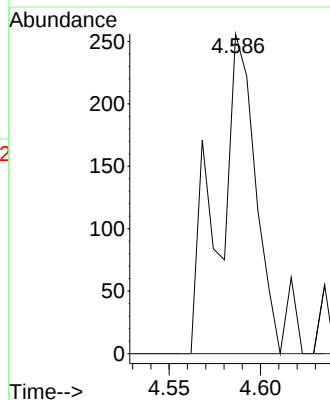
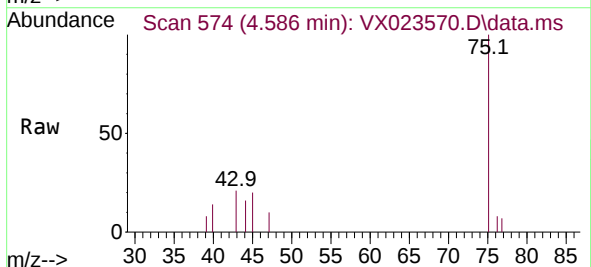
Instrument :
MSVOA_X
ClientSampled :
125-27

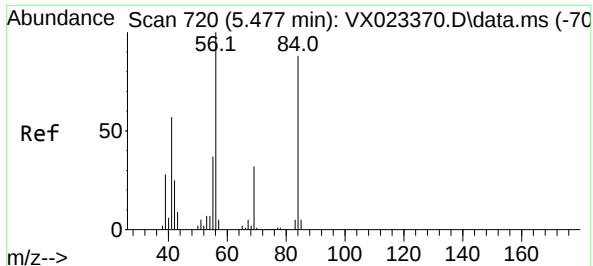
Tgt Ion:	84	Resp:	474
Ion	Ratio	Lower	Upper
84	100		
49	119.8	88.6	132.8
51	35.9	27.0	40.6
86	71.4	50.3	75.5



#25
2-Butanone
Concen: 0.250 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

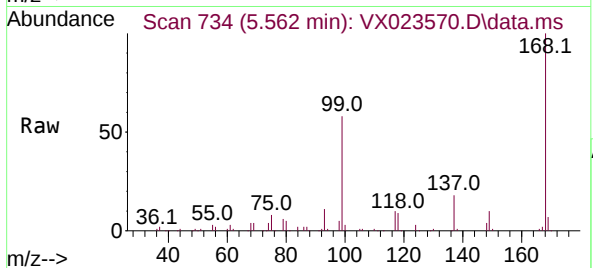
Tgt Ion:	43	Resp:	356
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



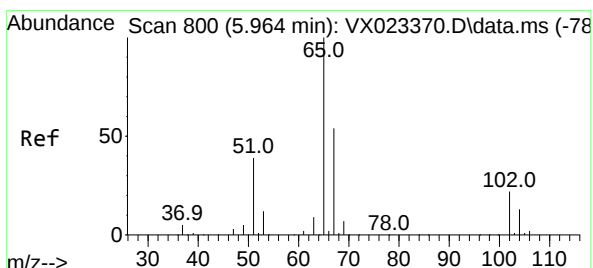
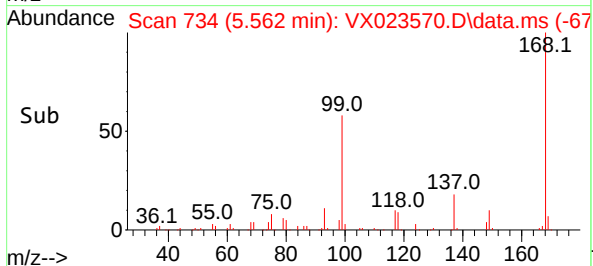
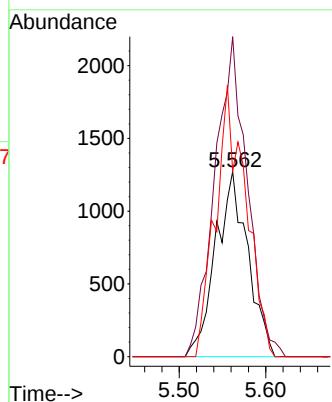


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Instrument :
MSVOA_X
ClientSampled :
125-27

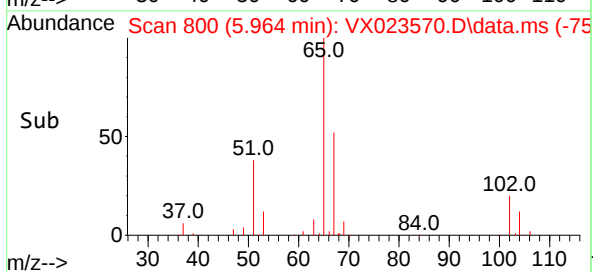
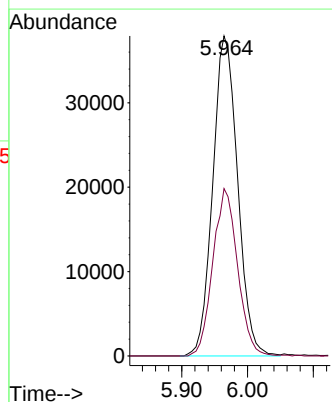
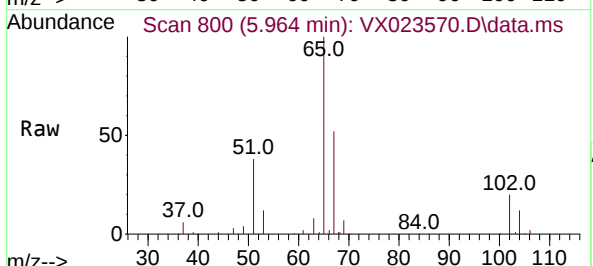


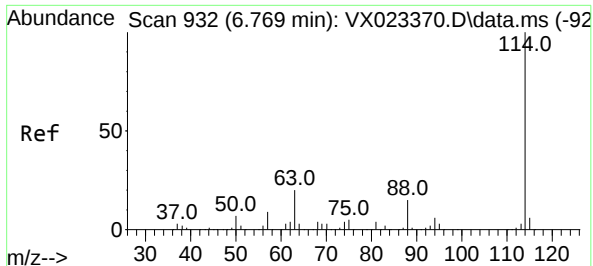
Tgt Ion: 56 Resp: 3278
Ion Ratio Lower Upper
56 100
69 172.7 25.3 37.9#
84 100.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.385 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 65 Resp: 99738
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

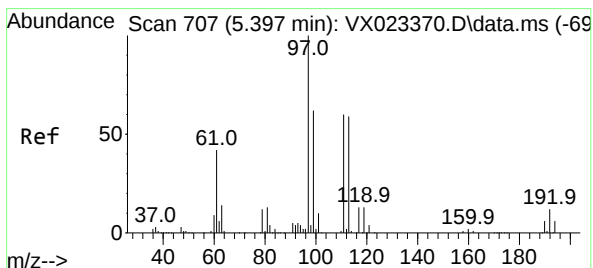
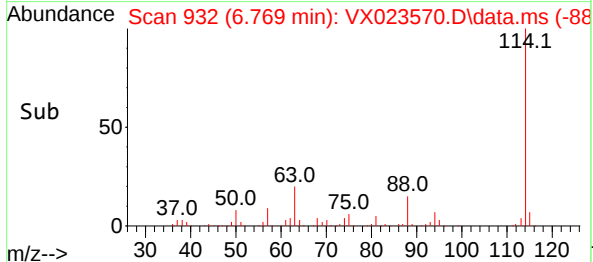
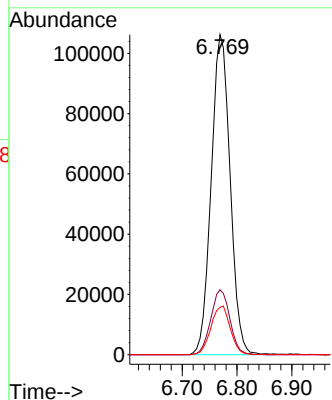
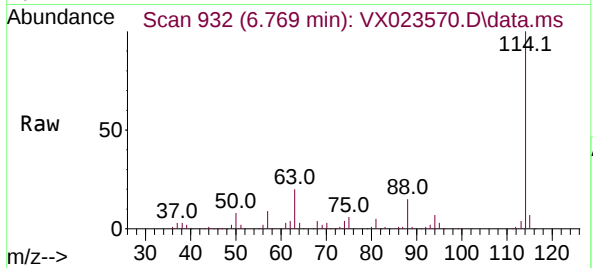




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

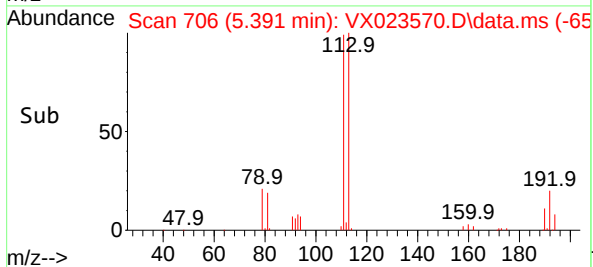
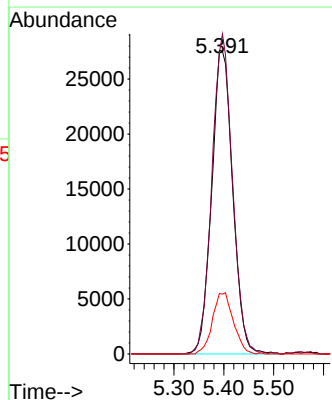
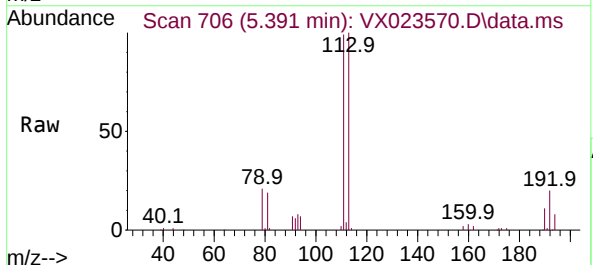
Instrument :
MSVOA_X
ClientSampled :
125-27

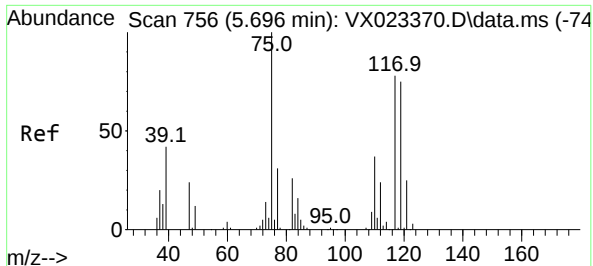
Tgt Ion:114 Resp: 254233
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 14.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.020 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

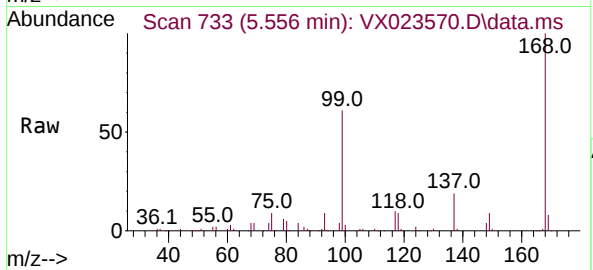
Tgt Ion:113 Resp: 81101
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1



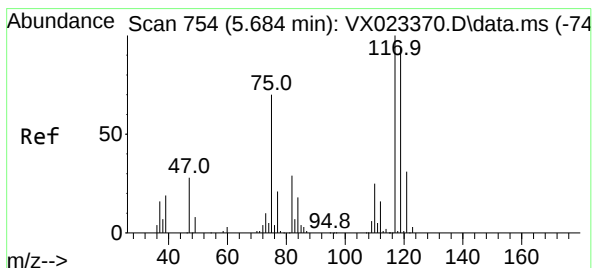
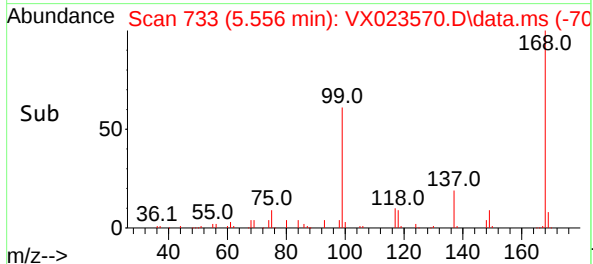
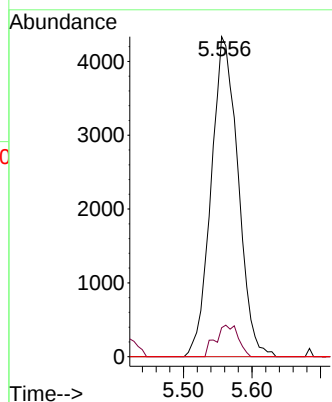


#36
1,1-Dichloropropene
Concen: 5.140 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Instrument :
MSVOA_X
ClientSampleId :
125-27

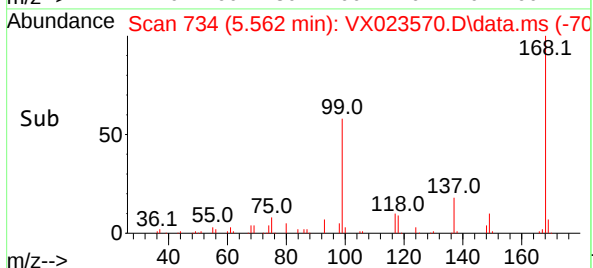
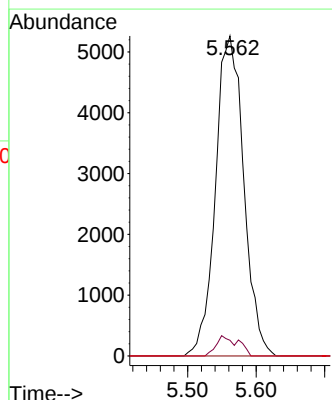
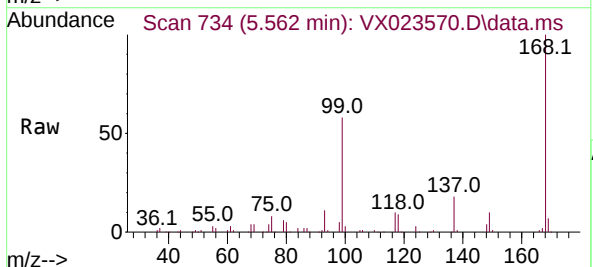


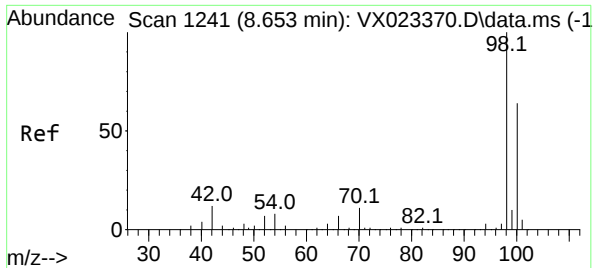
Tgt Ion: 75 Resp: 11822
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 117 Resp: 15040
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.243 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023570.D

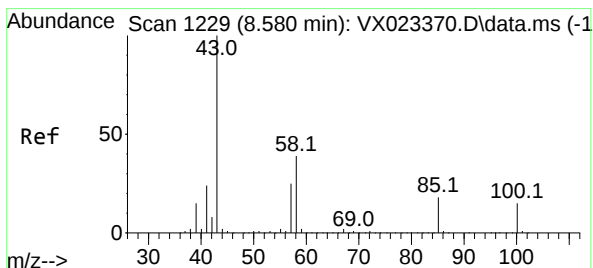
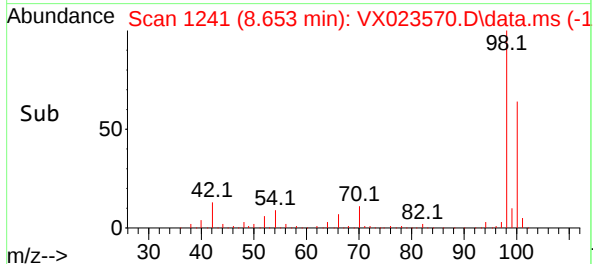
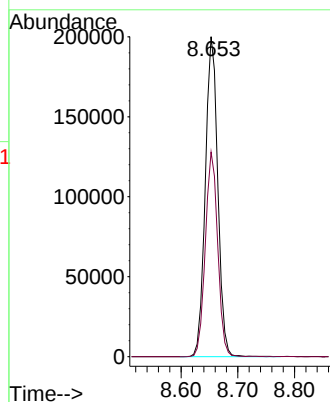
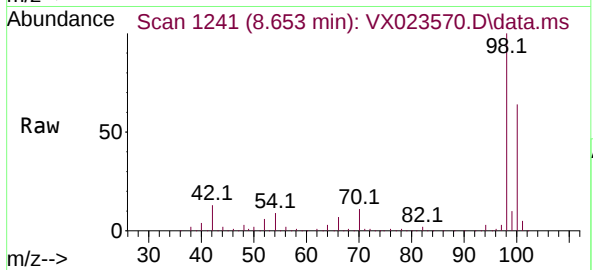
Acq: 05 Aug 2021 14:15

Tgt Ion: 98 Resp: 305105

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.553 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.079 min

Lab File: VX023570.D

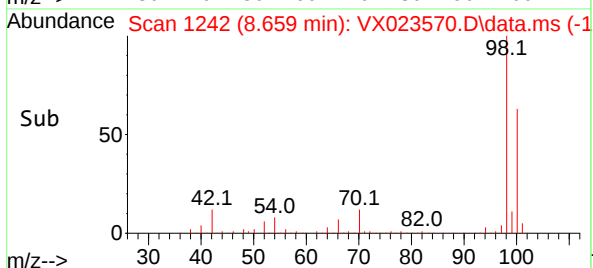
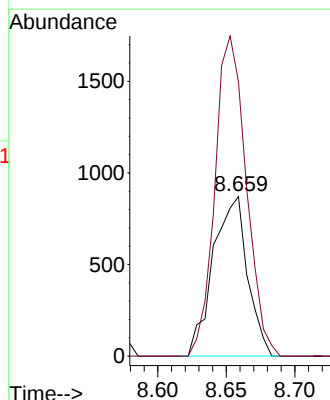
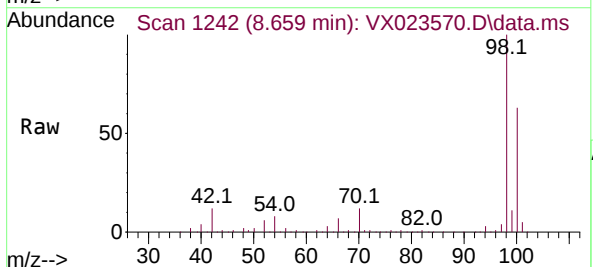
Acq: 05 Aug 2021 14:15

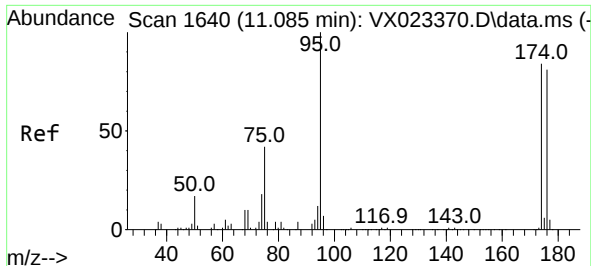
Tgt Ion: 43 Resp: 1519

Ion Ratio Lower Upper

43 100

58 182.8 35.4 53.0#

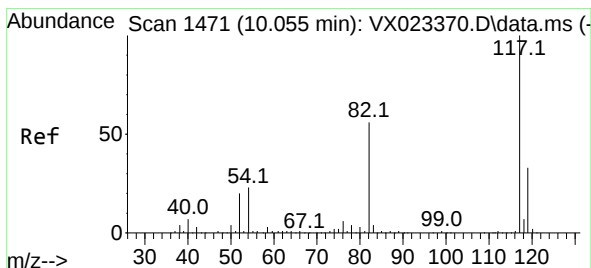
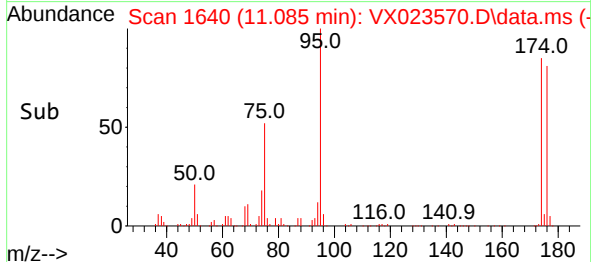
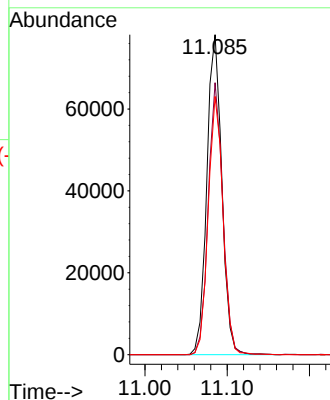
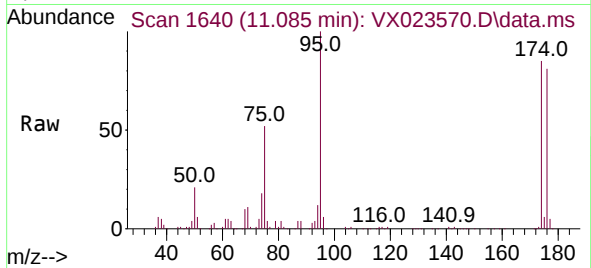




#62
4-Bromofluorobenzene
Concen: 49.781 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

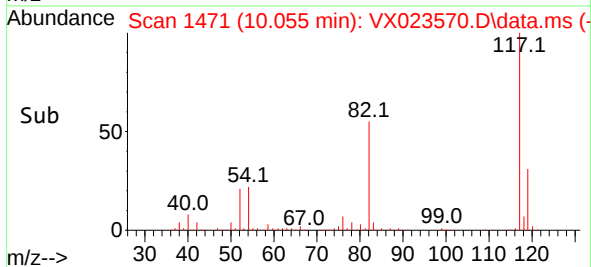
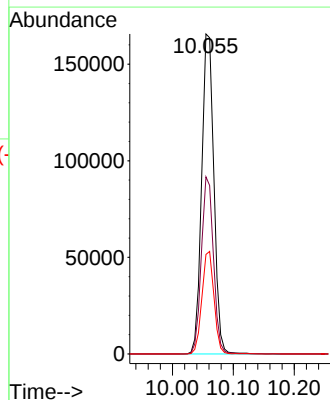
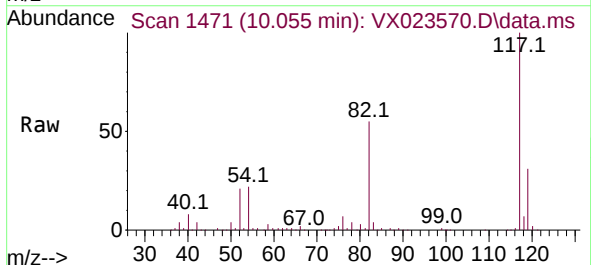
Instrument :
MSVOA_X
ClientSampled :
125-27

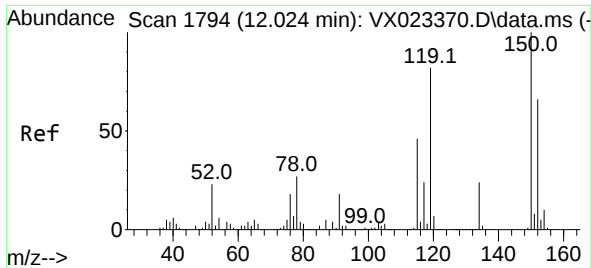
Tgt Ion: 95 Resp: 98859
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 79.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

Tgt Ion: 117 Resp: 230571
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 31.1 26.6 39.8

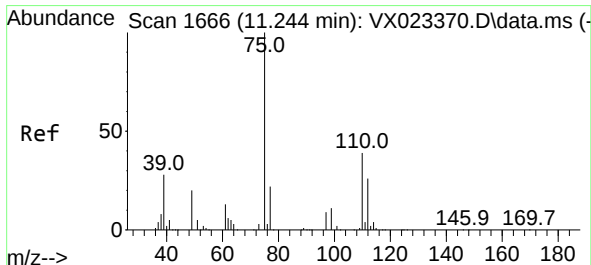
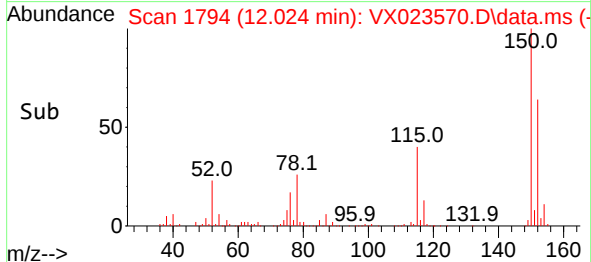
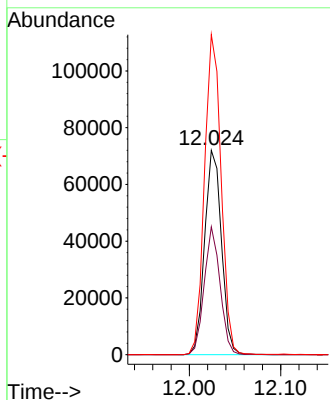
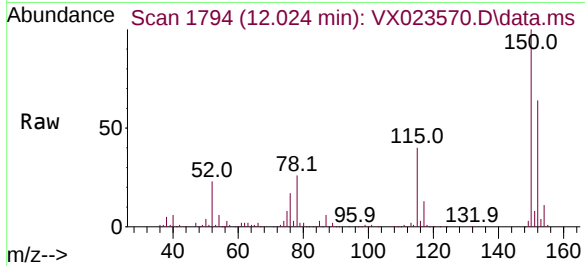




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

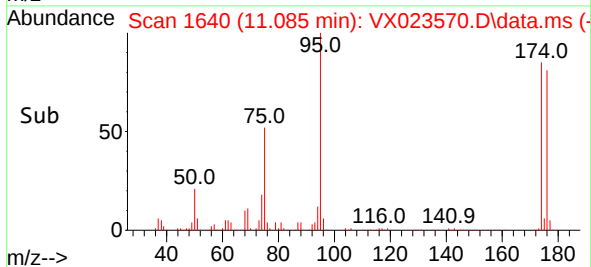
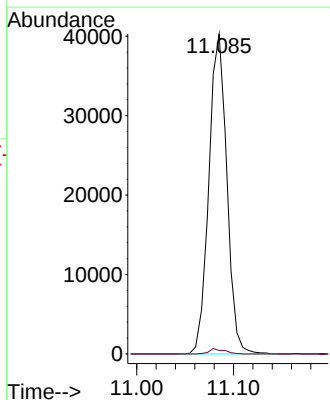
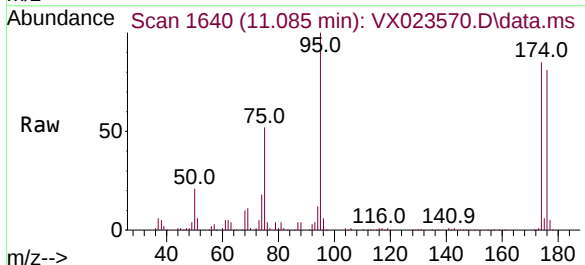
Instrument :
MSVOA_X
ClientSampled :
125-27

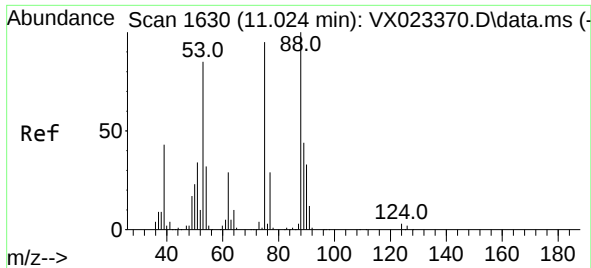
Tgt Ion:152 Resp: 91551
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 154.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.803 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023570.D
Acq: 05 Aug 2021 14:15

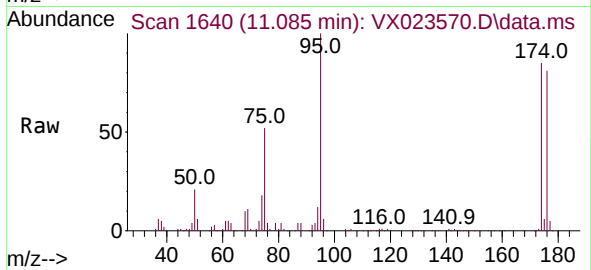
Tgt Ion: 75 Resp: 51983
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.380 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023570.D
 Acq: 05 Aug 2021 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 125-27



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

