

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031577.D
 Acq On : 22 Sep 2022 17:54
 Operator : JC/MD
 Sample : N4728-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Sep 23 01:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

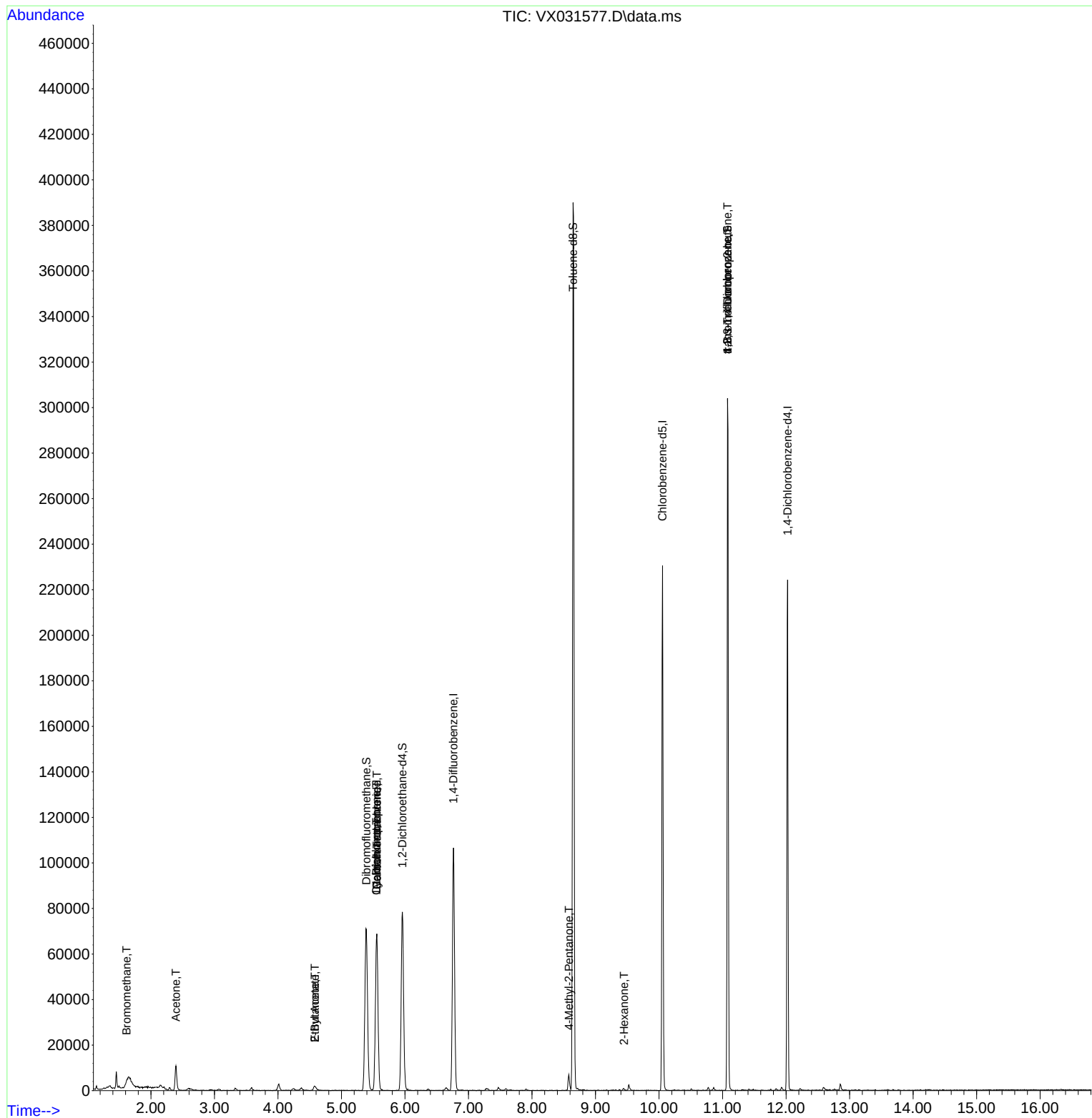
Internal Standards						
1) Pentafluorobenzene	5.556	168	66968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68575	55.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.720%			
35) Dibromofluoromethane	5.391	113	58736	51.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.860%			
50) Toluene-d8	8.647	98	226243	51.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.079	95	69705	47.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.360%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	480	0.231	ug/l #	68
6) Chloroethane	1.697	64	140	Below Cal	#	43
11) Tert butyl alcohol	2.983	59	53	Below Cal	#	73
13) Acrolein	2.239	56	209	Below Cal		89
16) Acetone	2.392	43	12822	13.476	ug/l	96
20) Methylene Chloride	2.788	84	41	Below Cal	#	4
25) 2-Butanone	4.580	43	3983	4.201	ug/l	91
31) Cyclohexane	5.550	56	1651	0.906	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	5324	3.059	ug/l #	50
37) Ethyl Acetate	4.580	43	3983	1.919	ug/l #	68
38) Carbon Tetrachloride	5.556	117	6533	3.387	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	4310	2.100	ug/l	99
59) 2-Hexanone	9.452	43	624	0.405	ug/l	88
75) 1,1,2,2-Tetrachloroethane	11.079	83	121	Below Cal	#	4
76) 1,2,3-Trichloropropane	11.079	75	39642	39.712	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39642	127.867	ug/l #	11

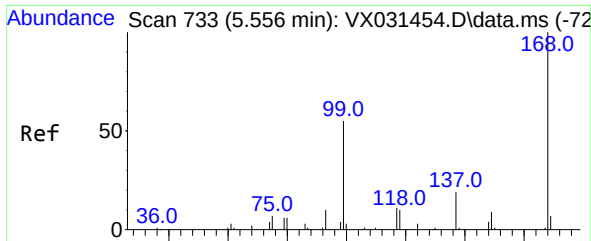
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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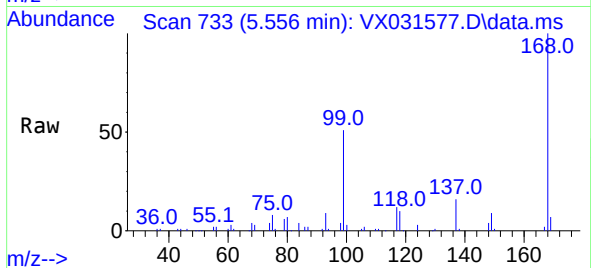
Quant Time: Sep 23 01:50:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
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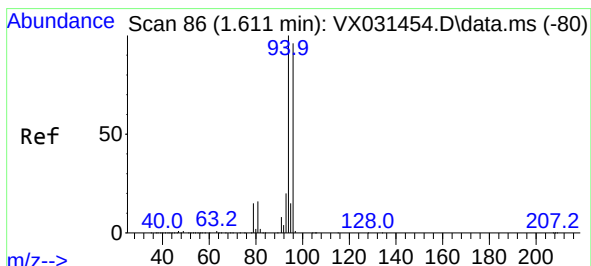
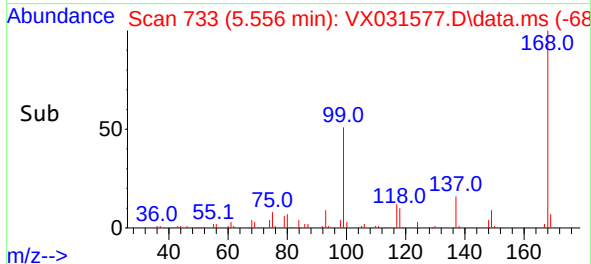
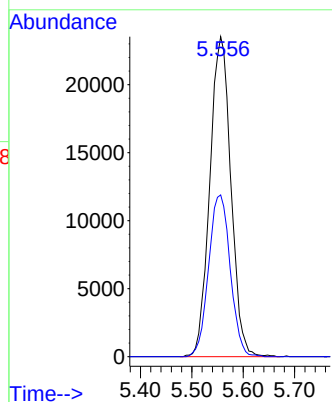


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
OF-2

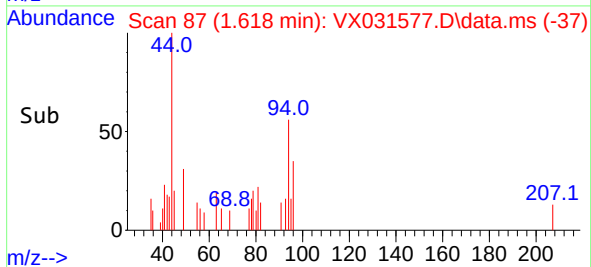
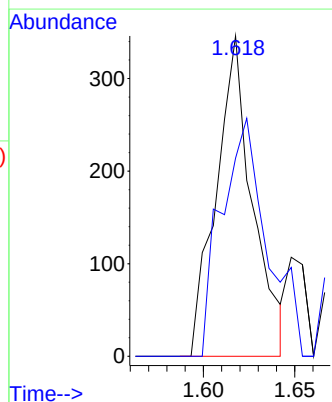
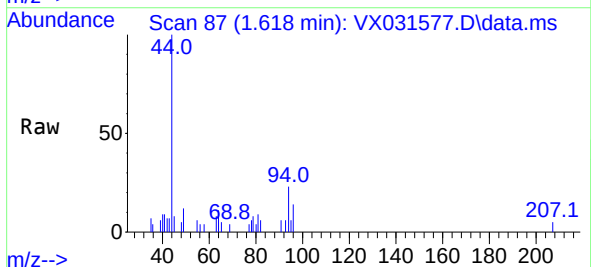


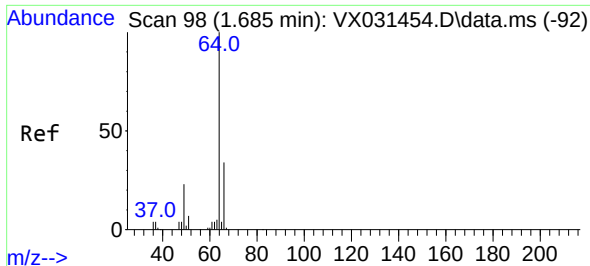
Tgt Ion:168 Resp: 66968
Ion Ratio Lower Upper
168 100
99 50.5 48.8 73.2



#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 61.8 74.4 111.6#

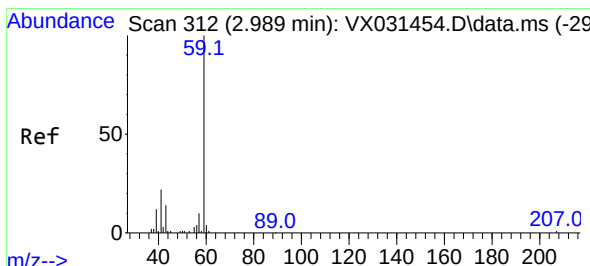
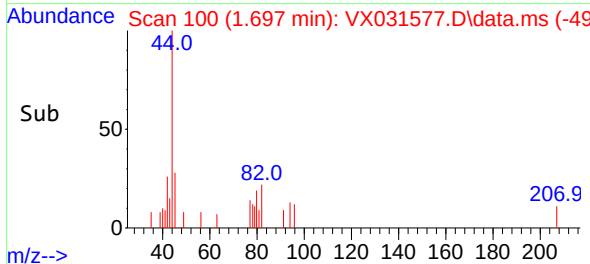
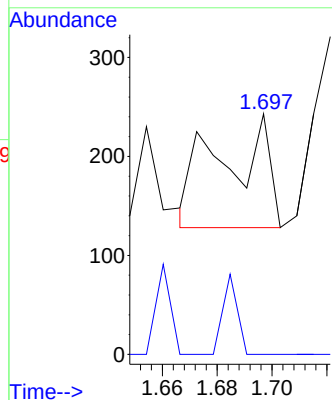
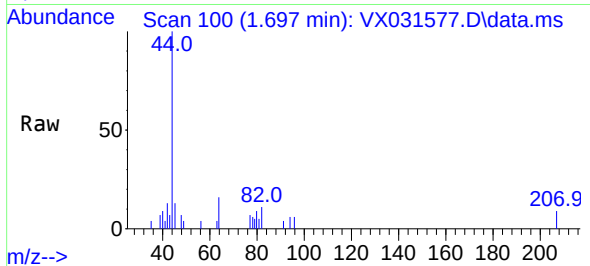




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

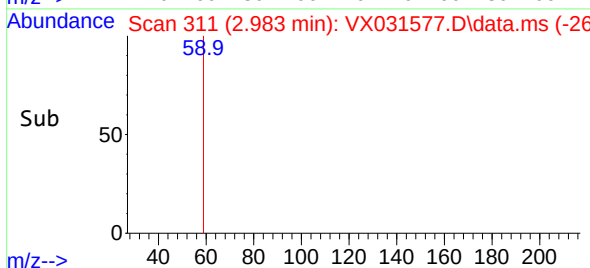
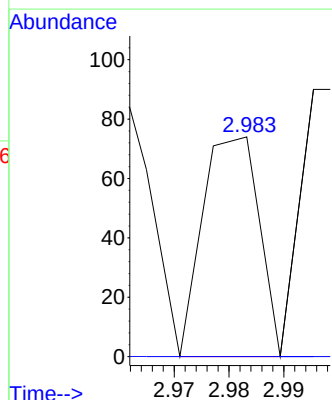
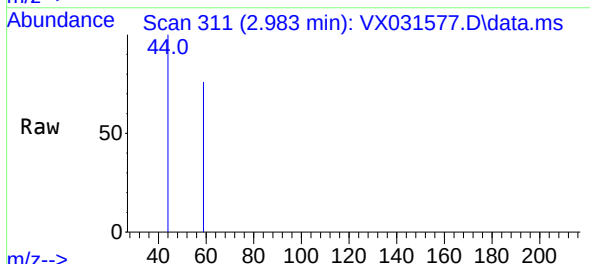
Instrument :
MSVOA_X
ClientSampleId :
OF-2

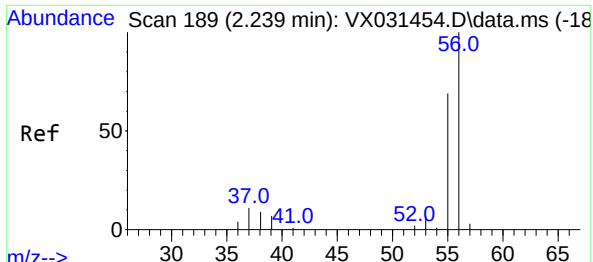
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

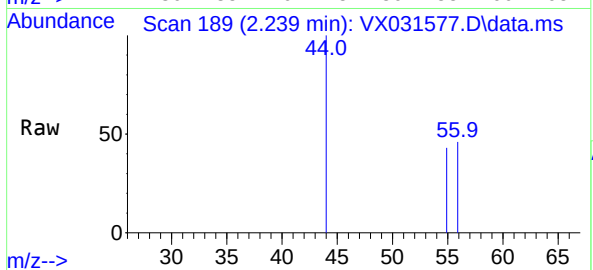
Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



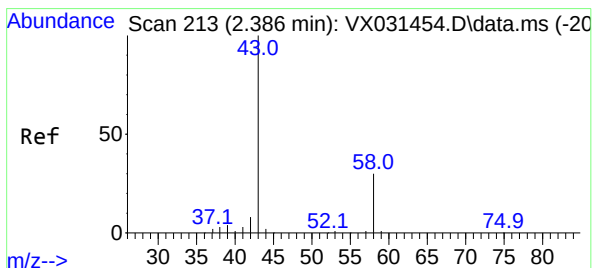
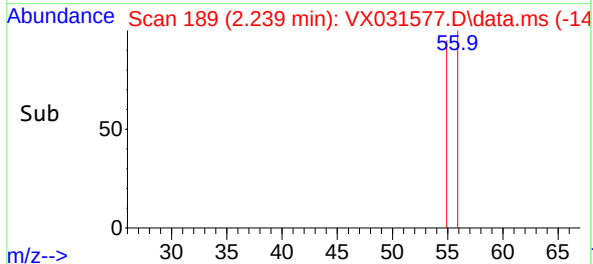
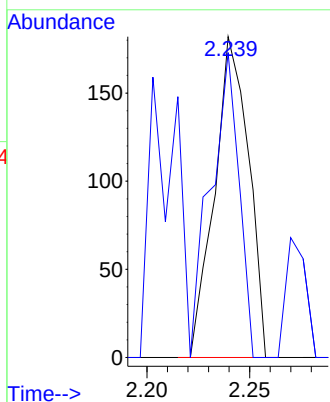


#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
OF-2

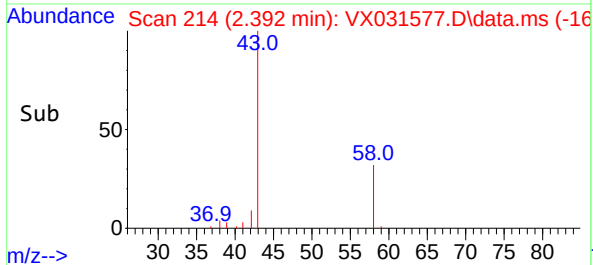
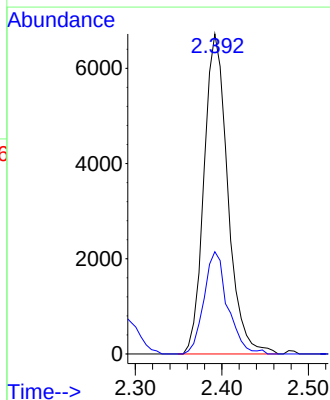
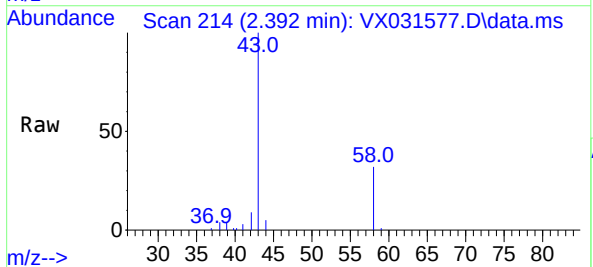


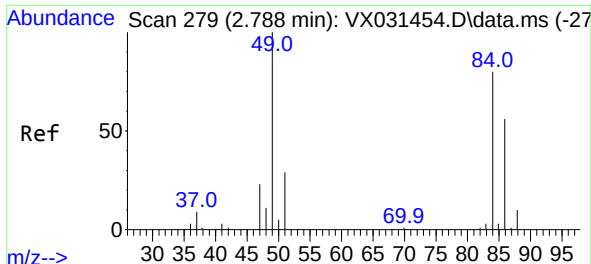
Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 79.4 56.0 84.0



#16
Acetone
Concen: 13.476 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 43 Resp: 12822
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

OF-2

Tgt Ion: 84 Resp: 41

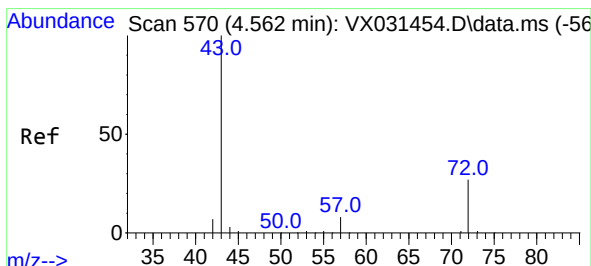
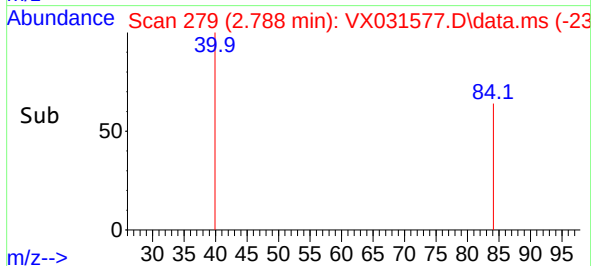
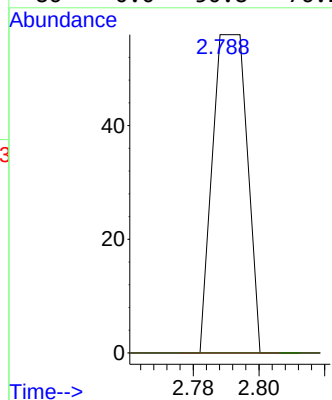
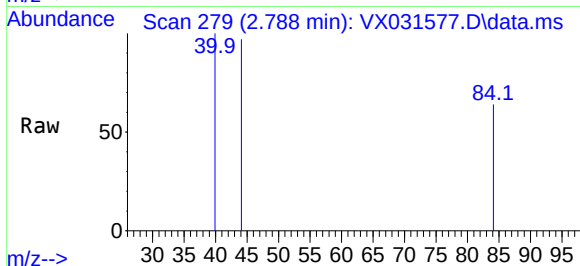
Ion Ratio Lower Upper

84 100

49 0.0 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#25

2-Butanone

Concen: 4.201 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX031577.D

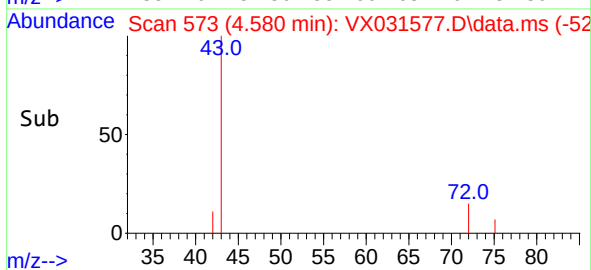
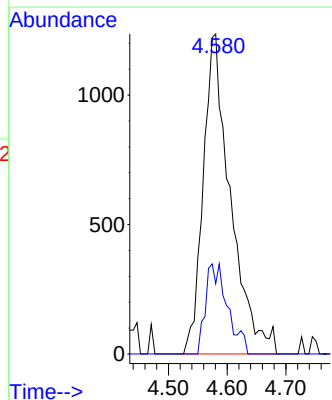
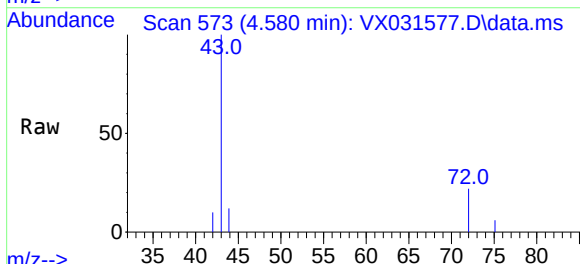
Acq: 22 Sep 2022 17:54

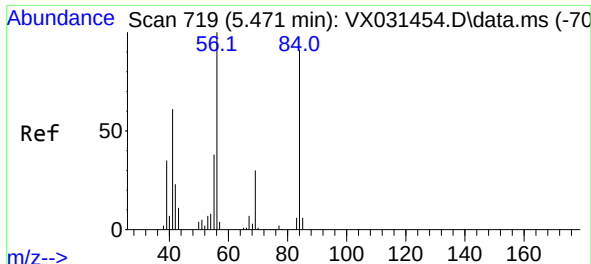
Tgt Ion: 43 Resp: 3983

Ion Ratio Lower Upper

43 100

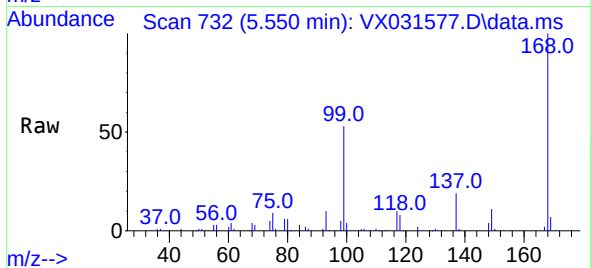
72 22.0 21.1 31.7



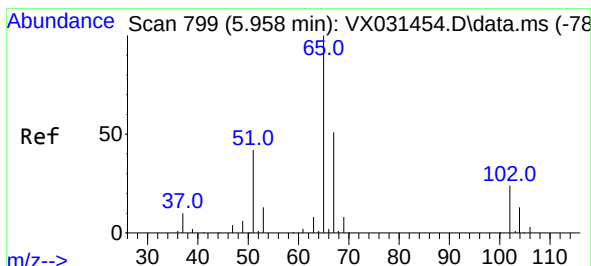
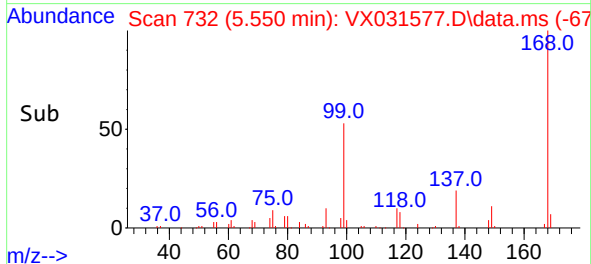
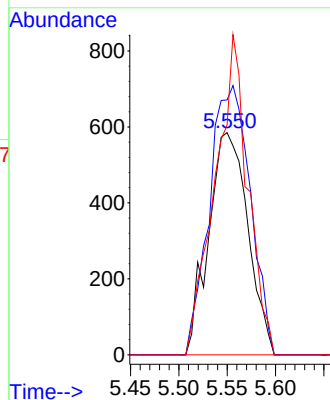


#31
Cyclohexane
Concen: 0.906 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
OF-2

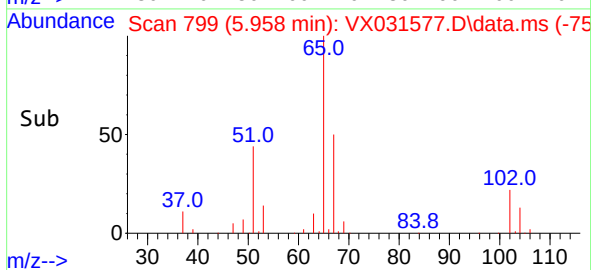
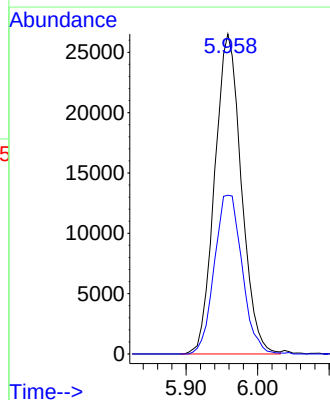
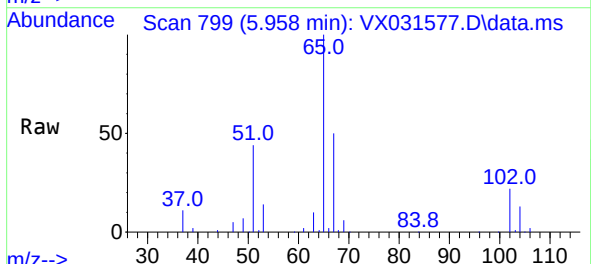


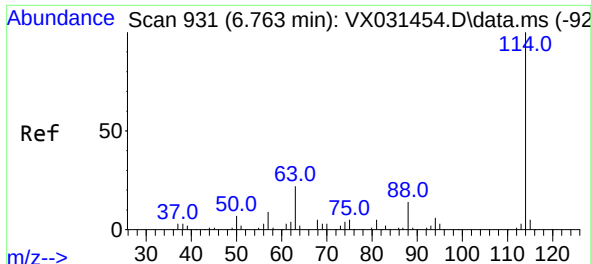
Tgt Ion: 56 Resp: 1651
Ion Ratio Lower Upper
56 100
69 114.7 25.1 37.7#
84 103.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 55.858 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 65 Resp: 68575
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

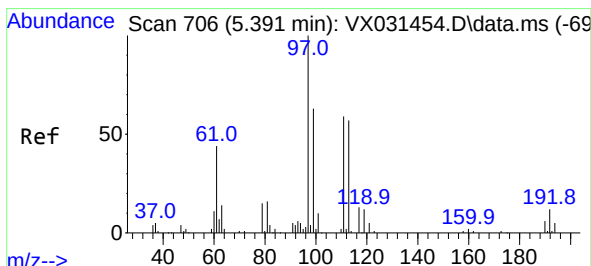
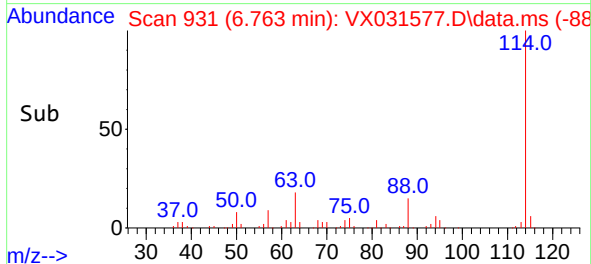
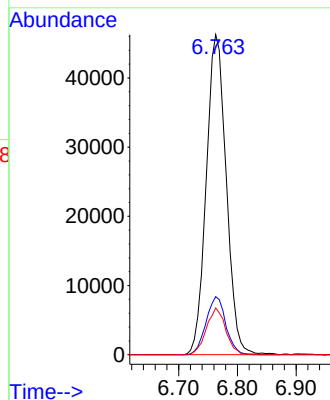
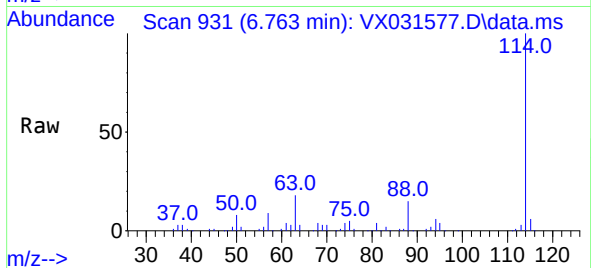




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

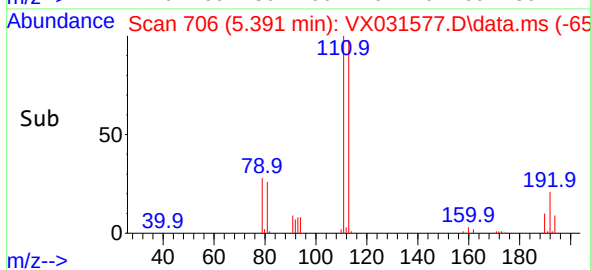
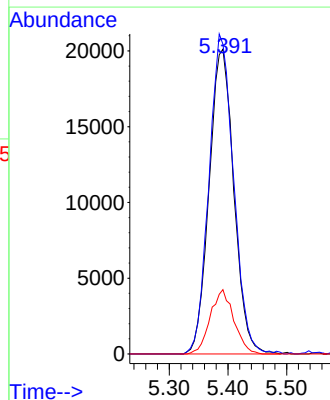
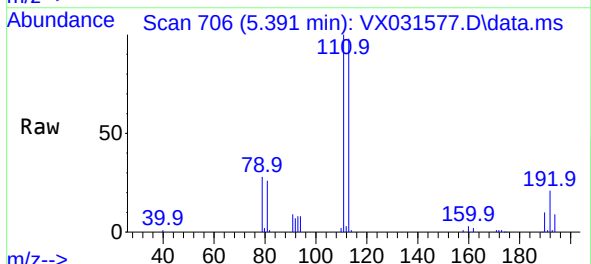
Instrument :
MSVOA_X
ClientSampleId :
OF-2

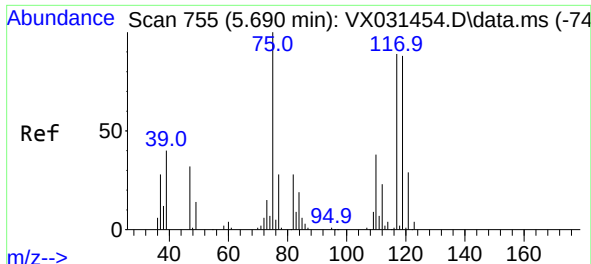
Tgt Ion:114 Resp: 109478
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.6
88 14.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.935 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion:113 Resp: 58736
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 20.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.059 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

OF-2

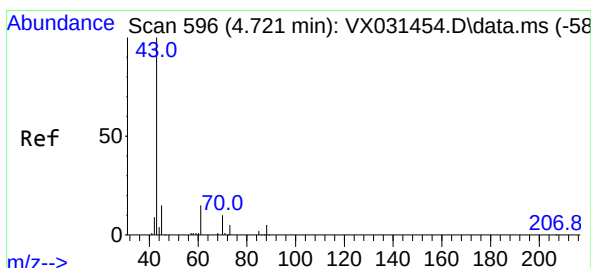
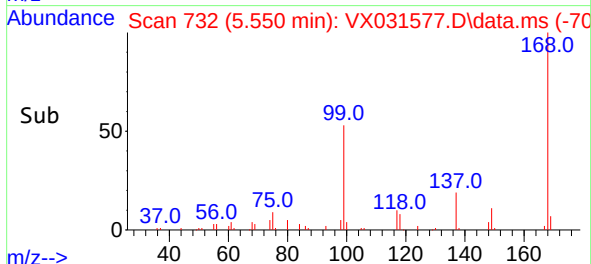
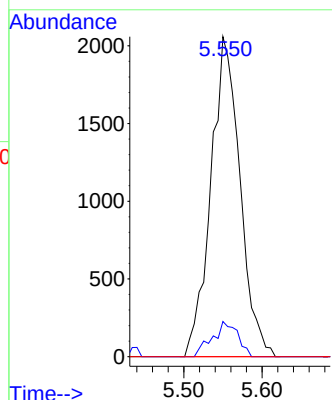
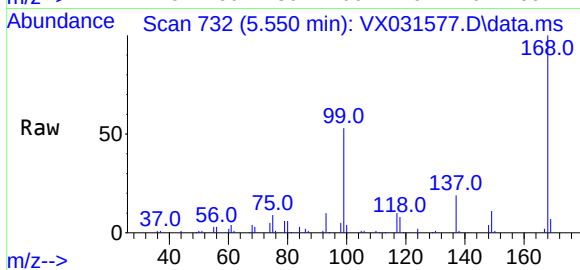
Tgt Ion: 75 Resp: 5324

Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.919 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.141 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

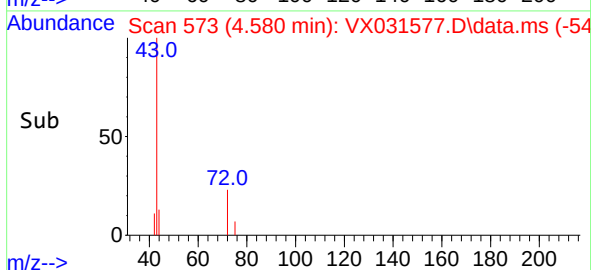
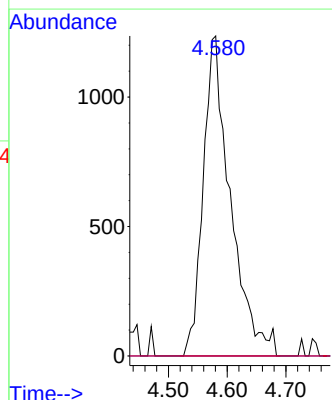
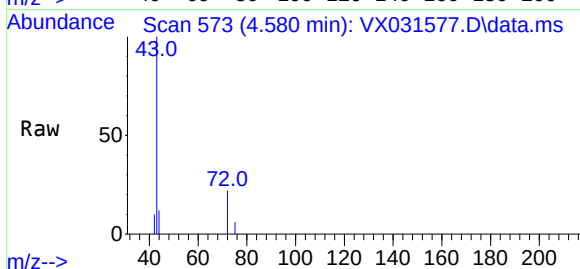
Tgt Ion: 43 Resp: 3983

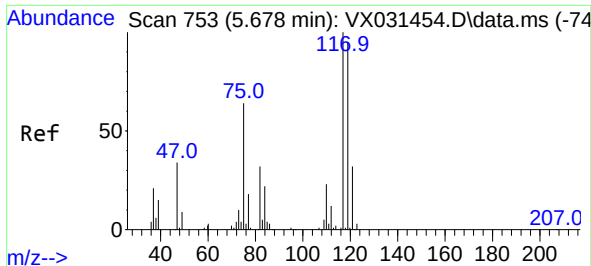
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#

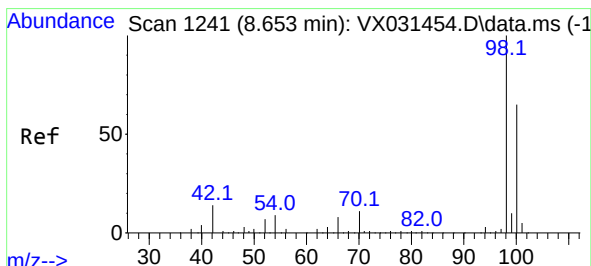
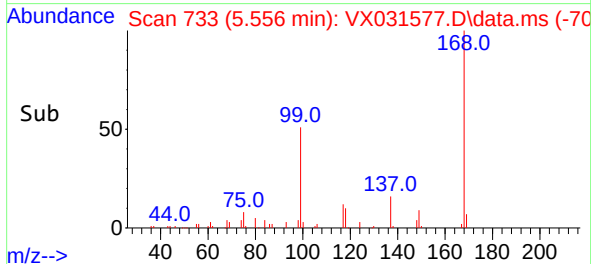
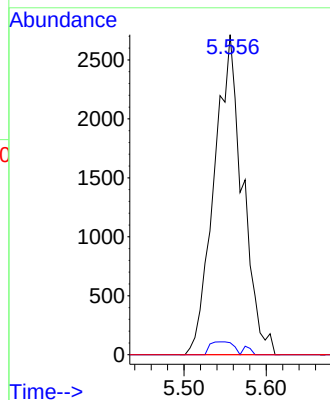
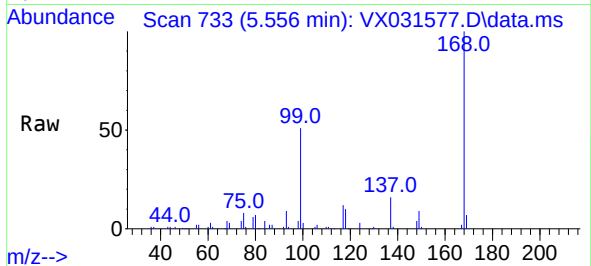




#38
Carbon Tetrachloride
Concen: 3.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

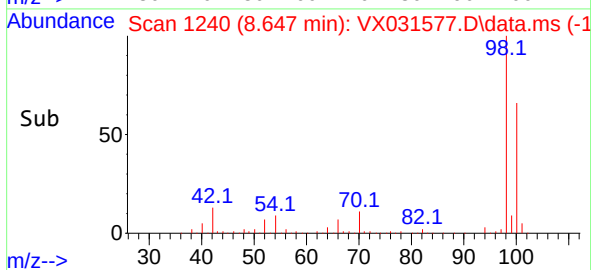
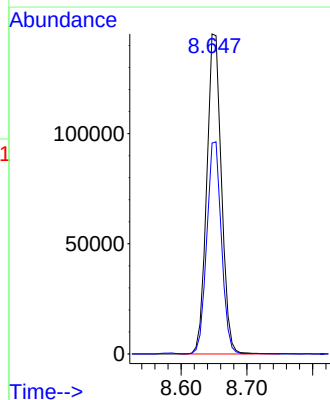
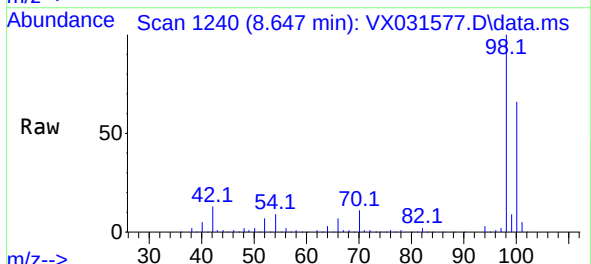
Instrument :
MSVOA_X
ClientSampleId :
OF-2

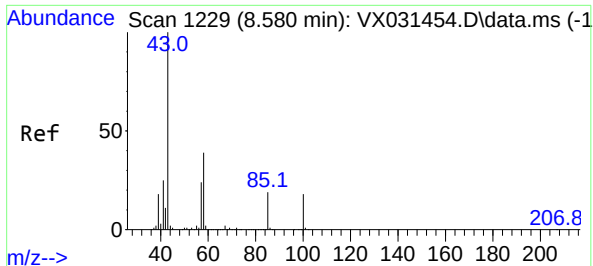
Tgt Ion:117 Resp: 6533
Ion Ratio Lower Upper
117 100
119 3.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.870 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 98 Resp: 226243
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

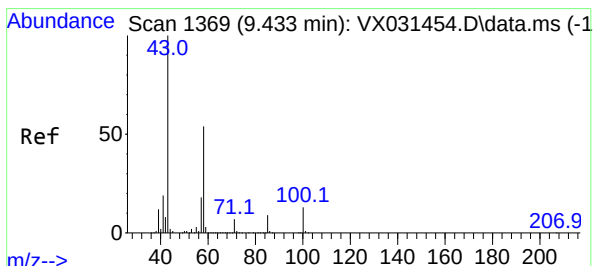
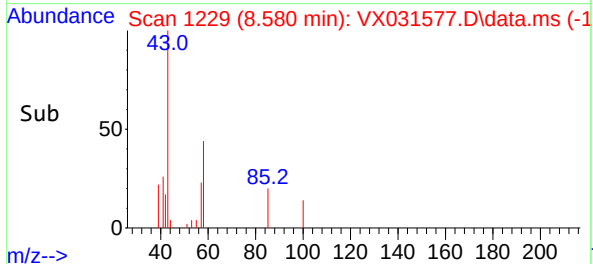
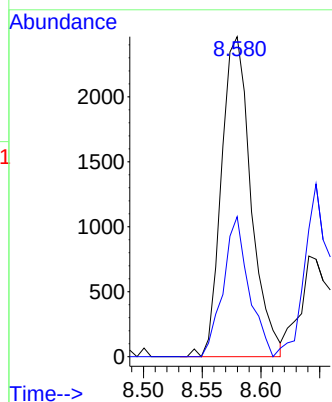
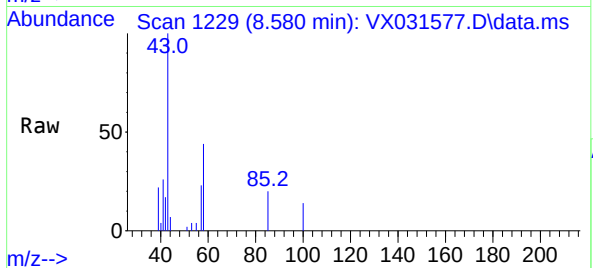




#51
4-Methyl-2-Pentanone
Concen: 2.100 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

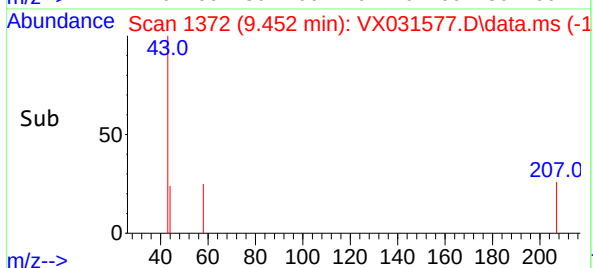
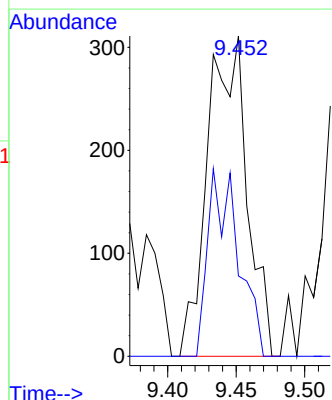
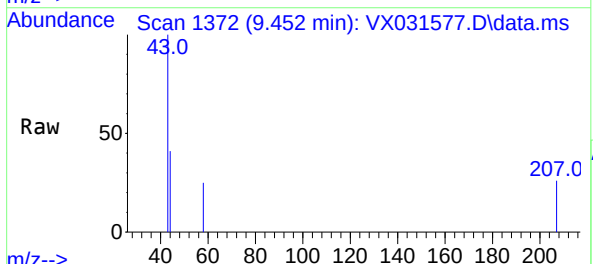
Instrument :
MSVOA_X
ClientSampleId :
OF-2

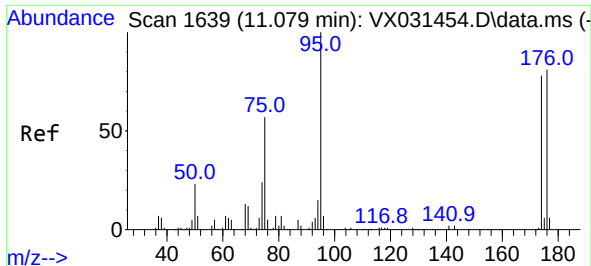
Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0



#59
2-Hexanone
Concen: 0.405 ug/l
RT: 9.452 min Scan# 1372
Delta R.T. 0.019 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 44.7 26.7 80.0

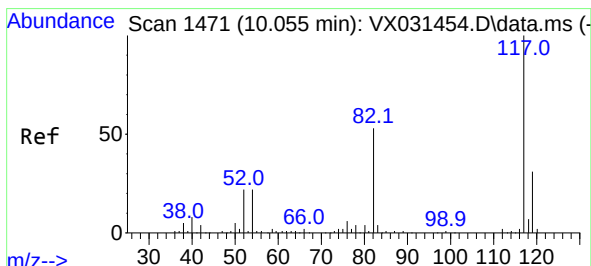
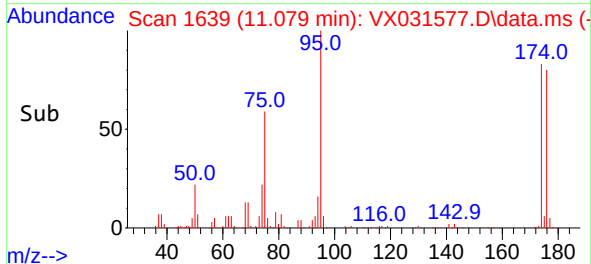
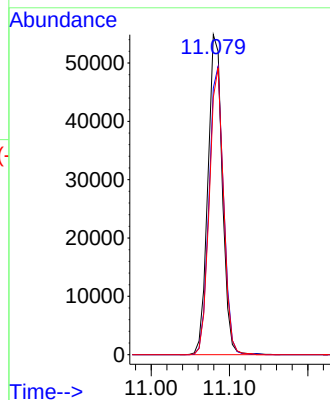
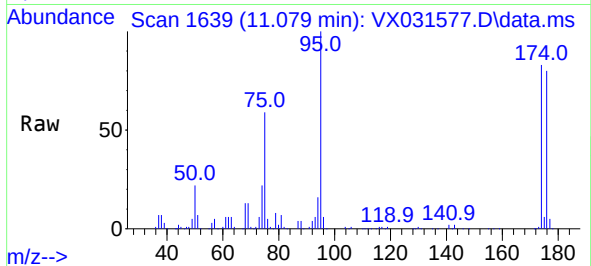




#62
4-Bromofluorobenzene
Concen: 47.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

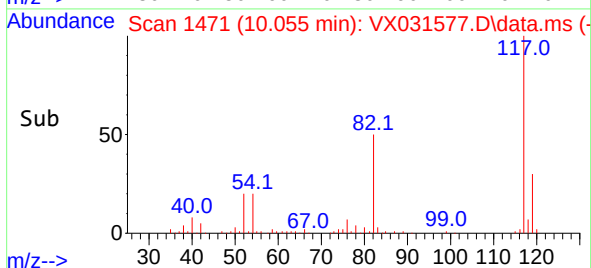
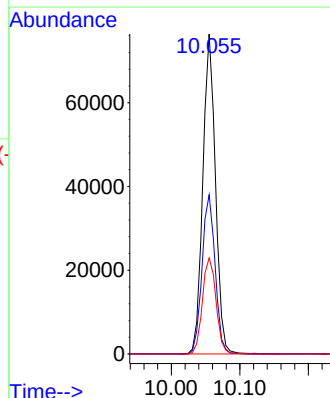
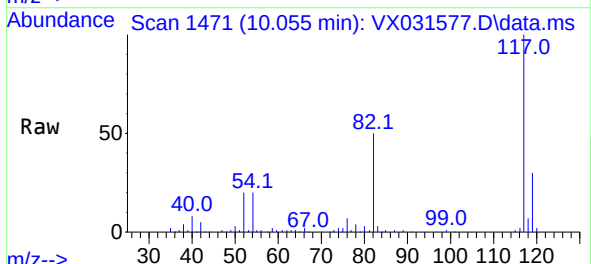
Instrument :
MSVOA_X
ClientSampleId :
OF-2

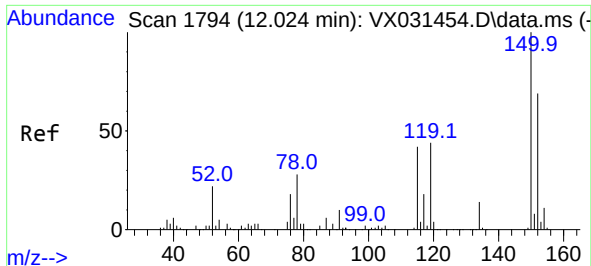
Tgt Ion: 95 Resp: 69705
Ion Ratio Lower Upper
95 100
174 90.6 0.0 153.2
176 88.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 117 Resp: 98321
Ion Ratio Lower Upper
117 100
82 49.7 46.8 70.2
119 30.0 26.4 39.6

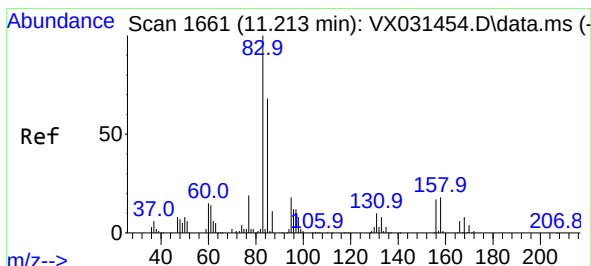
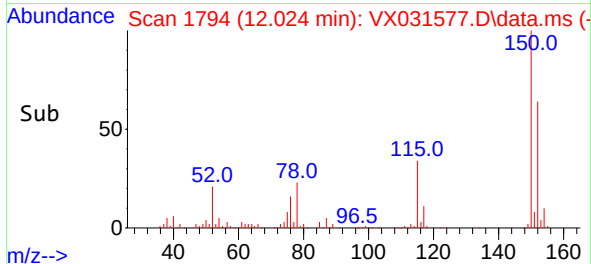
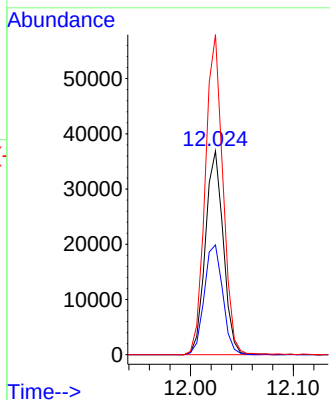
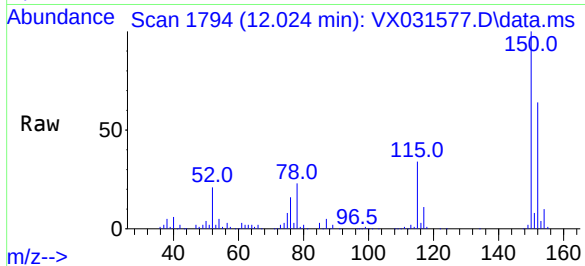




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

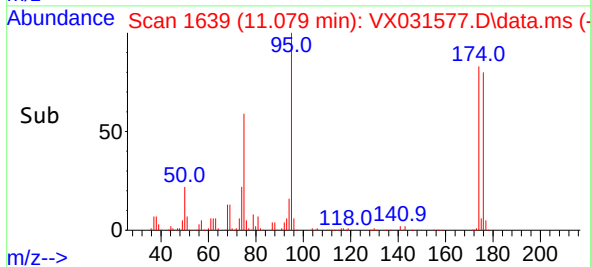
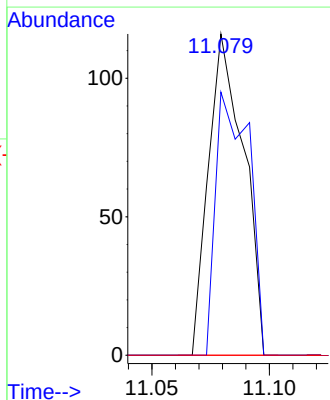
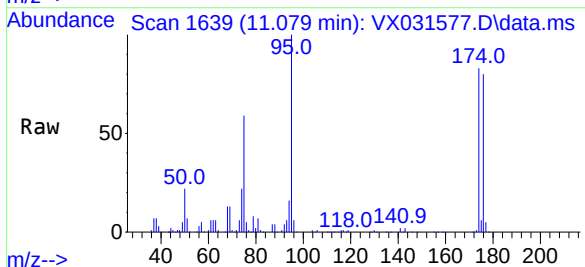
Instrument :
MSVOA_X
ClientSampleId :
OF-2

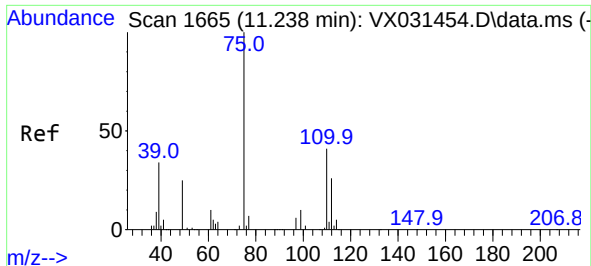
Tgt Ion:152 Resp: 44726
Ion Ratio Lower Upper
152 100
115 55.6 43.4 130.1
150 154.9 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
131 77.7 5.1 15.4#
85 0.0 32.6 97.8#

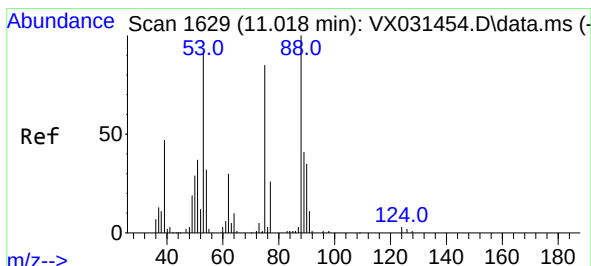
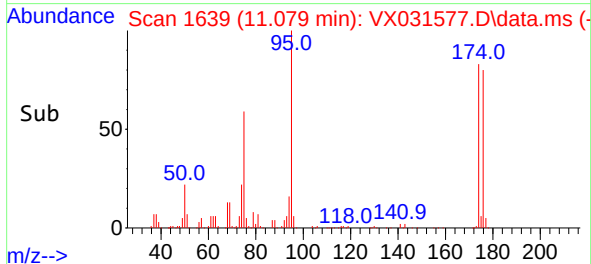
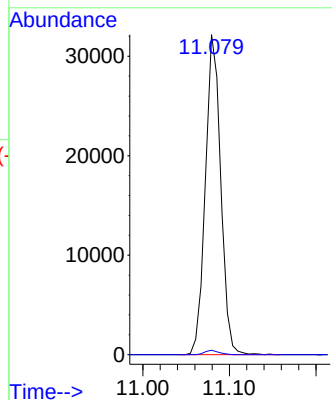
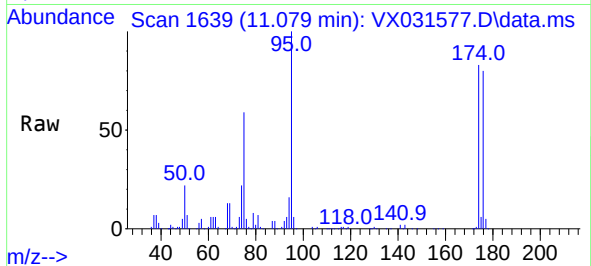




#76
1,2,3-Trichloropropane
Concen: 39.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
OF-2

Tgt Ion: 75 Resp: 39642
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 75 Resp: 39642
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

