

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031063.D
 Acq On : 02 Sep 2022 13:41
 Operator : JC/MD
 Sample : N4298-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:49:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

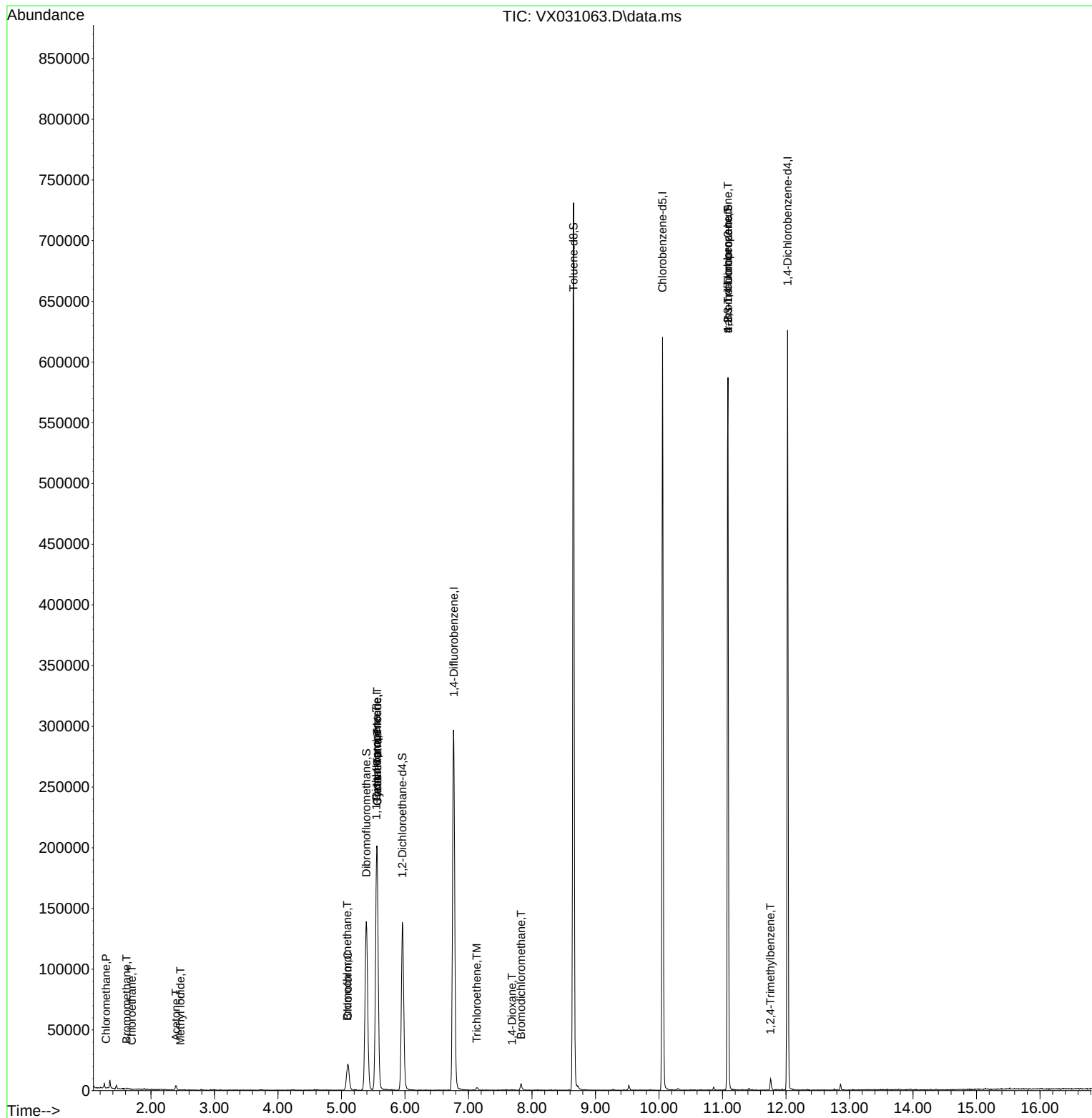
Internal Standards						
1) Pentafluorobenzene	5.556	168	209668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131723	48.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	5.391	113	127065	50.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	8.653	98	461382	50.149	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	11.086	95	159953	49.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	199	0.796	ug/l #	42
5) Bromomethane	1.618	94	397	0.394	ug/l	85
6) Chloroethane	1.697	64	20	1.752	ug/l #	41
10) Methyl Iodide	2.465	142	172	2.975	ug/l #	45
11) Tert butyl alcohol	2.995	59	598	Below Cal	#	74
16) Acetone	2.392	43	3859	3.705	ug/l #	83
20) Methylene Chloride	2.794	84	244	Below Cal	#	84
28) Bromochloromethane	5.093	49	1623	1.247	ug/l #	12
30) Chloroform	5.099	83	28325	5.881	ug/l	94
31) Cyclohexane	5.562	56	3255	0.883	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13595	3.883	ug/l #	48
38) Carbon Tetrachloride	5.562	117	19601	5.393	ug/l #	16
44) Trichloroethene	7.129	130	974	0.306	ug/l	69
47) Bromodichloromethane	7.830	83	3110	0.863	ug/l #	84
49) 1,4-Dioxane	7.684	88	21	0.288	ug/l #	25
76) 1,2,3-Trichloropropane	11.086	75	72814	22.164	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	72814	69.656	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.756	105	3229	0.345	ug/l #	36

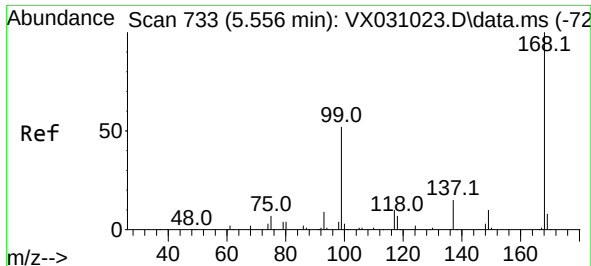
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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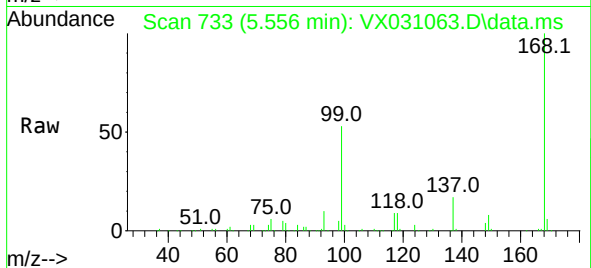
Quant Time: Sep 03 00:49:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
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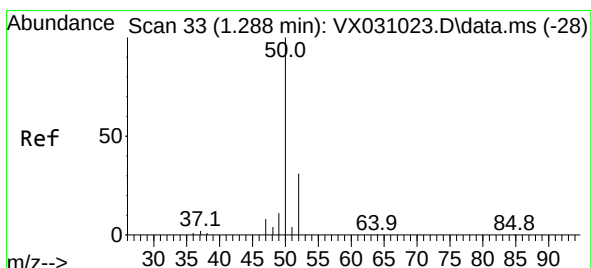
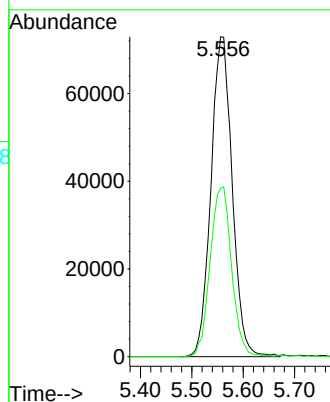
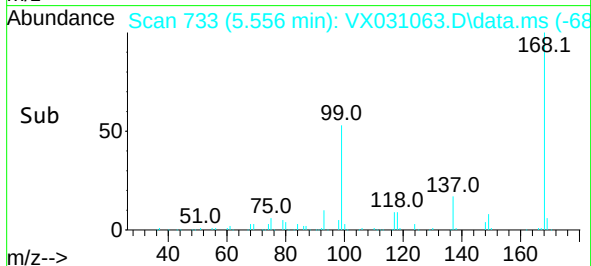


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :

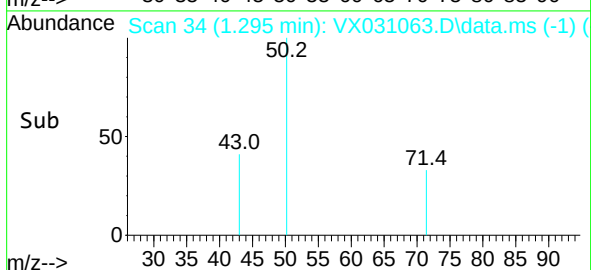
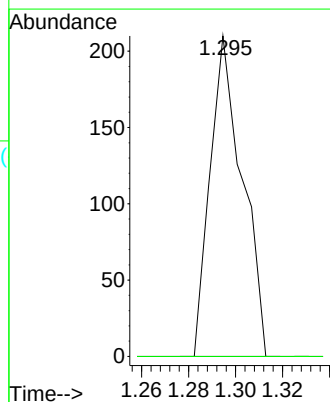
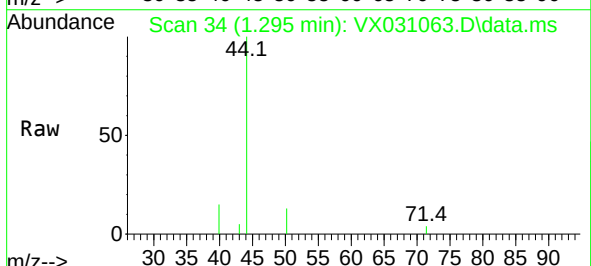


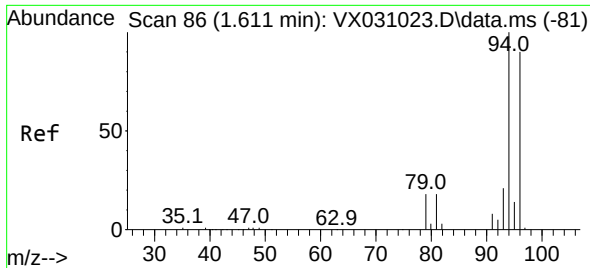
Tgt Ion:168 Resp: 209668
Ion Ratio Lower Upper
168 100
99 52.7 44.0 66.0



#3
Chloromethane
Concen: 0.796 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

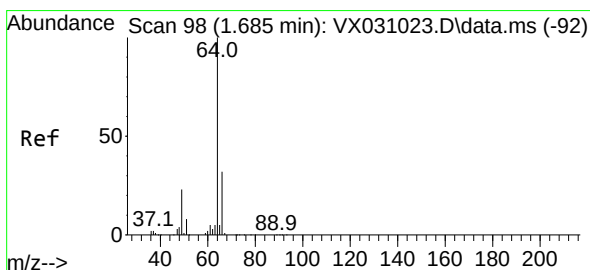
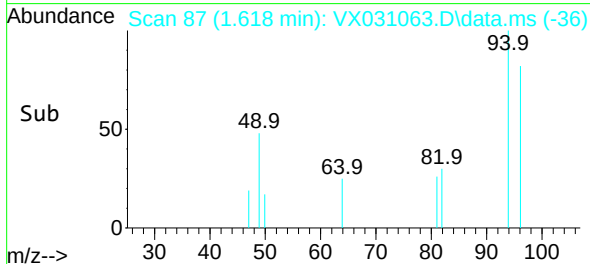
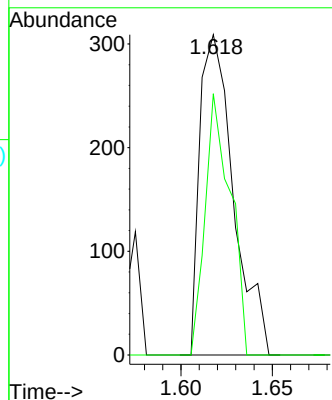
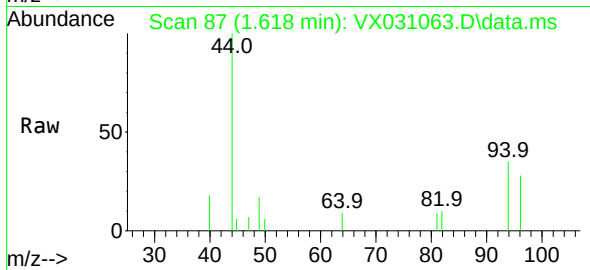




#5
Bromomethane
Concen: 0.394 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

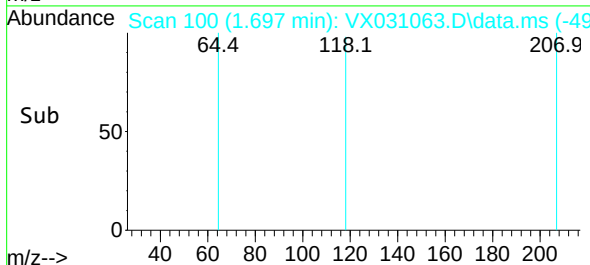
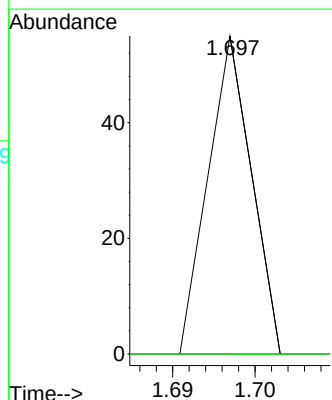
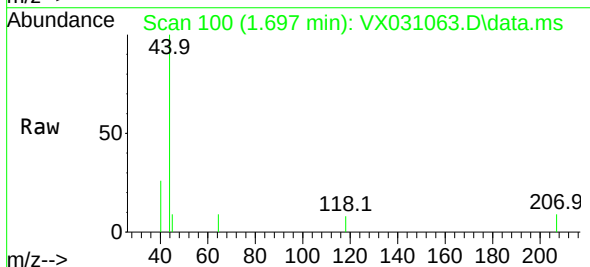
Instrument :
MSVOA_X
ClientSampleId :

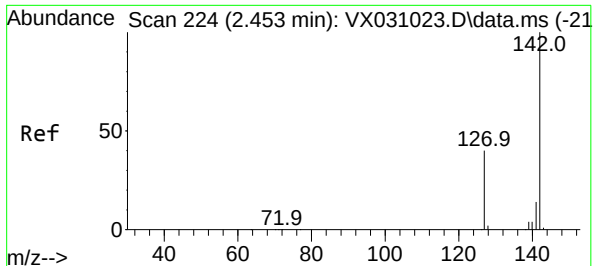
Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 81.6 76.9 115.3



#6
Chloroethane
Concen: 1.752 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

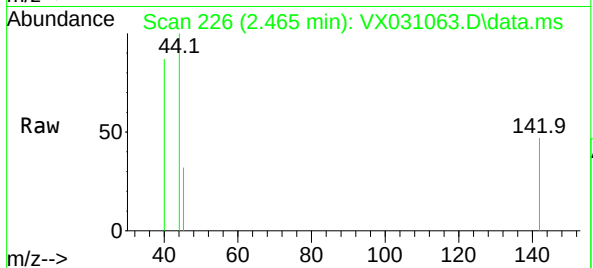
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



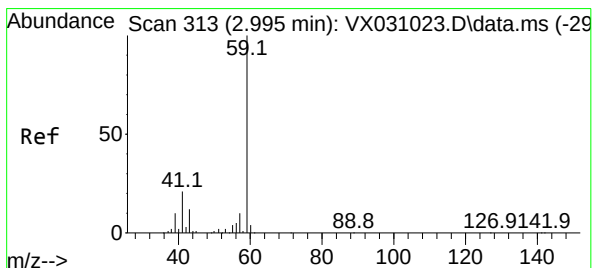
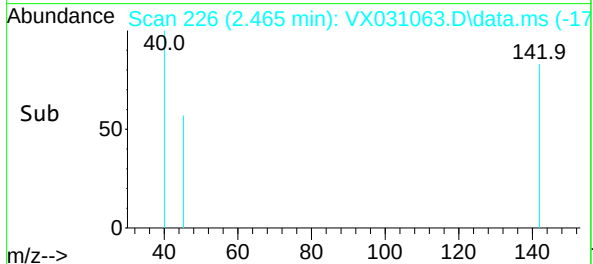
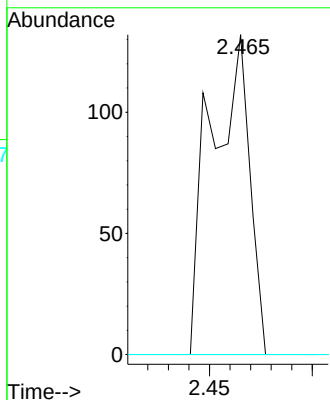


#10
Methyl Iodide
Concen: 2.975 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :

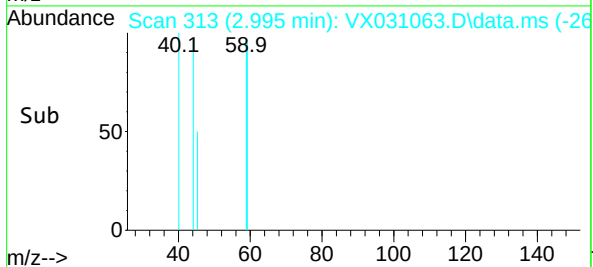
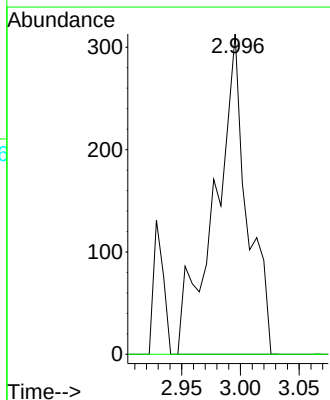
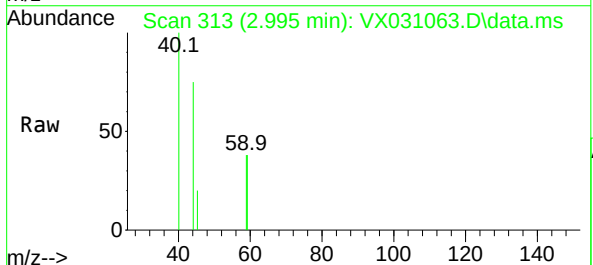


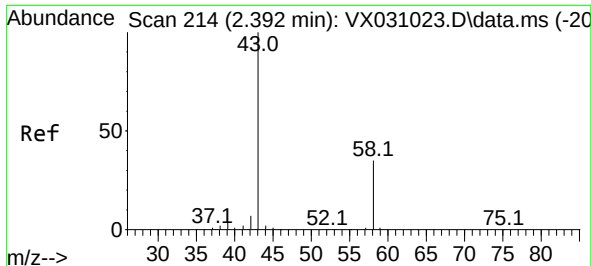
Tgt Ion:142 Resp: 172
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion: 59 Resp: 598
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

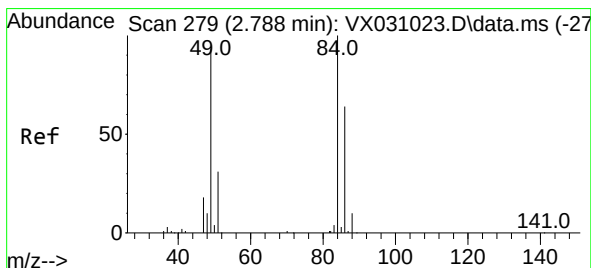
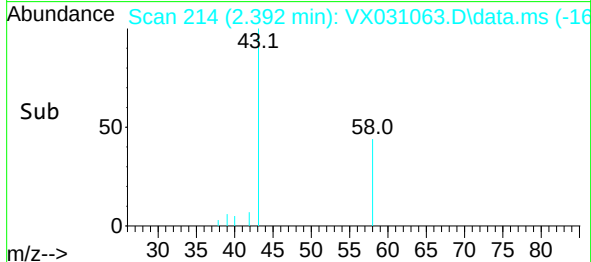
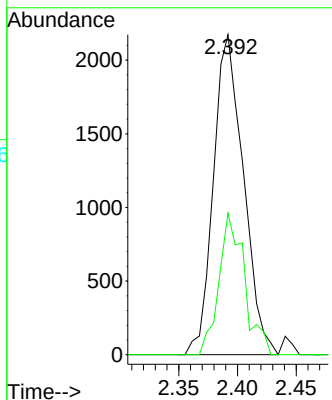
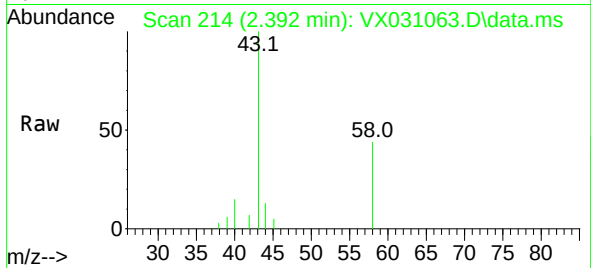




#16
Acetone
Concen: 3.705 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

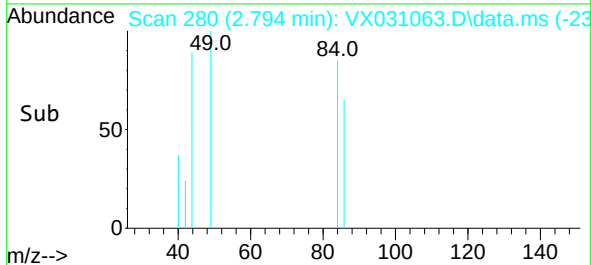
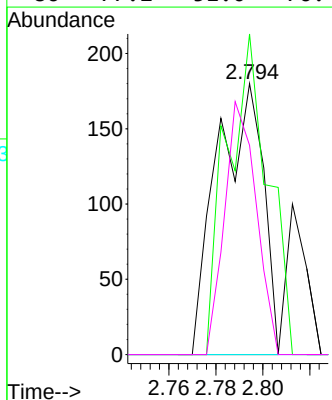
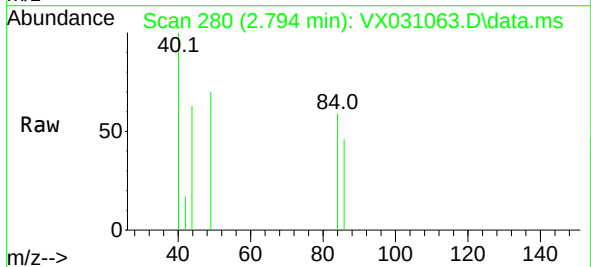
Instrument :
MSVOA_X
ClientSampleId :

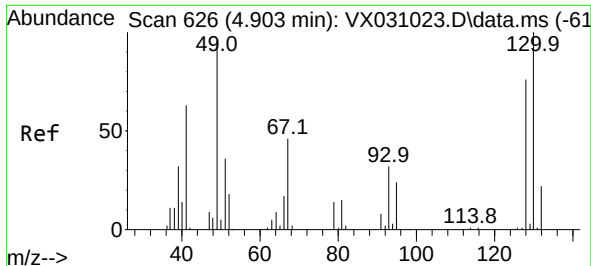
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 44.2 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion: 84 Resp: 244
Ion Ratio Lower Upper
84 100
49 118.3 93.8 140.6
51 0.0 29.4 44.0#
86 77.2 51.0 76.4#





#28

Bromochloromethane

Concen: 1.247 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.189 min

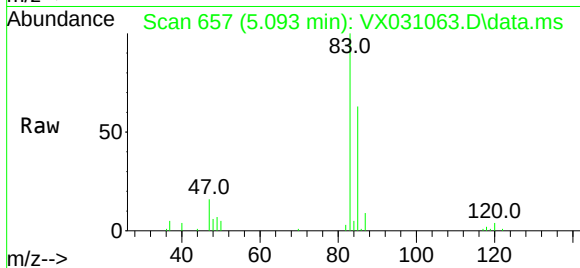
Lab File: VX031063.D

Acq: 02 Sep 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :



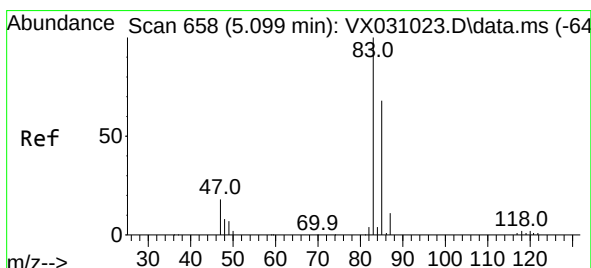
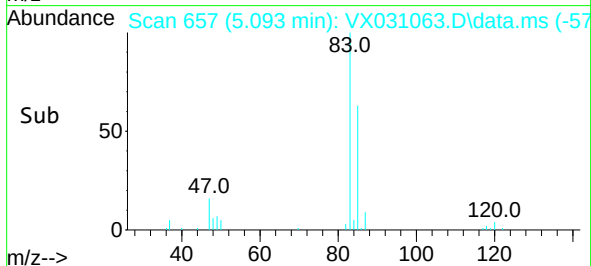
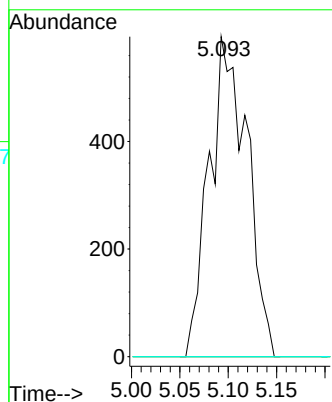
Tgt Ion: 49 Resp: 1623

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 0.0 62.8 94.2#



#30

Chloroform

Concen: 5.881 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX031063.D

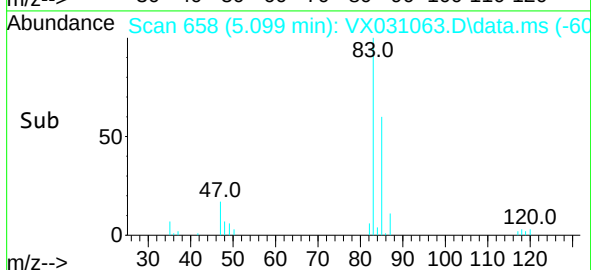
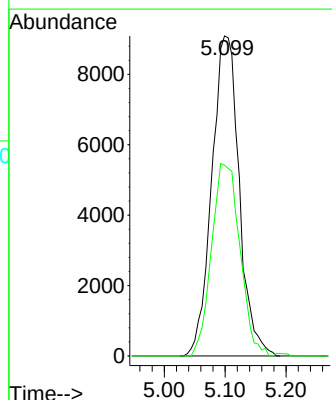
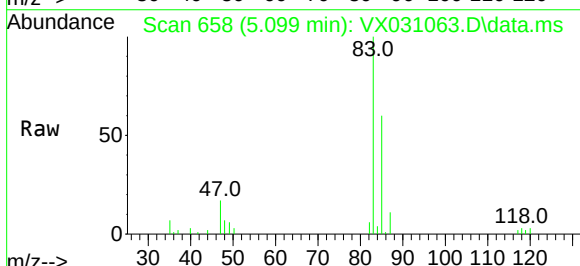
Acq: 02 Sep 2022 13:41

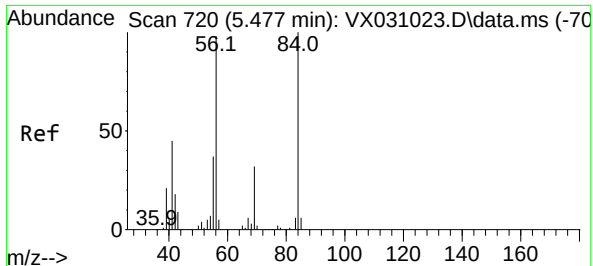
Tgt Ion: 83 Resp: 28325

Ion Ratio Lower Upper

83 100

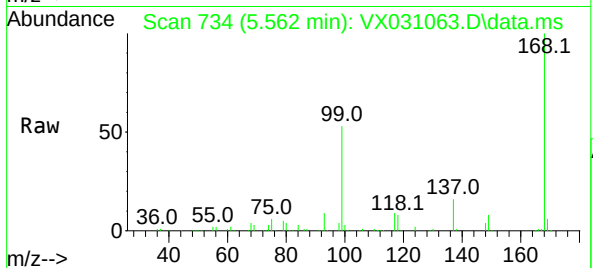
85 59.6 51.5 77.3



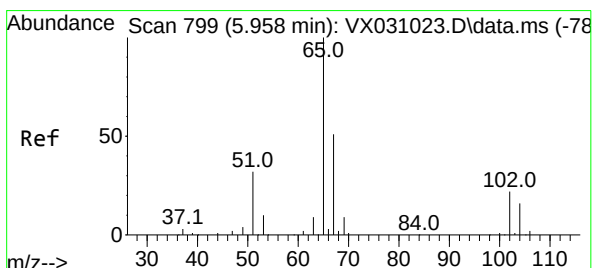
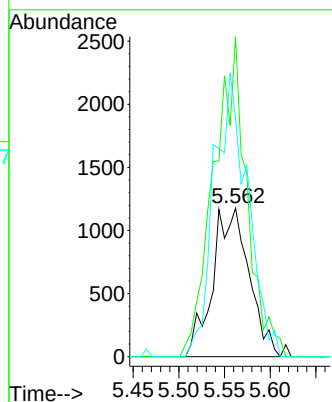
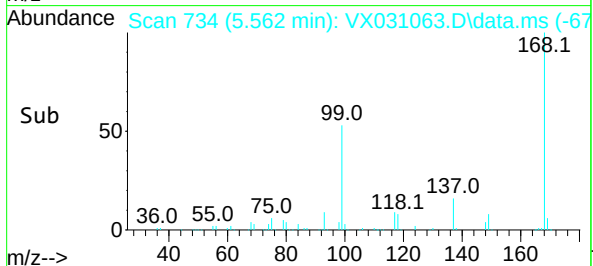


#31
Cyclohexane
Concen: 0.883 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Instrument :
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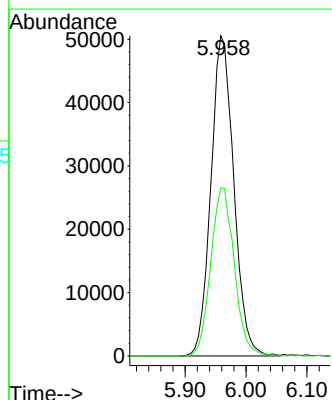
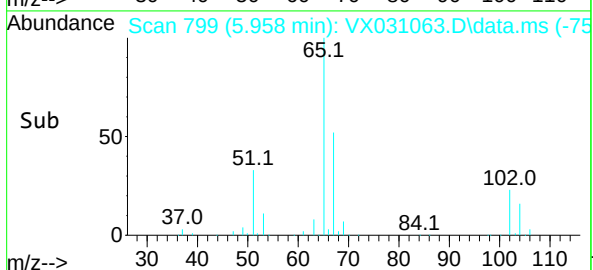
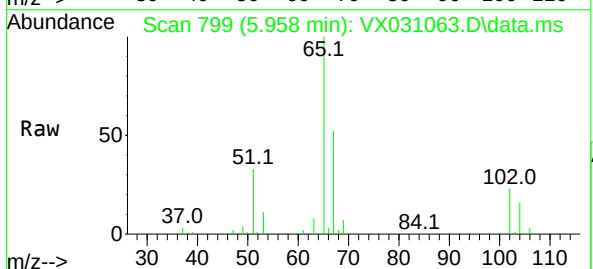


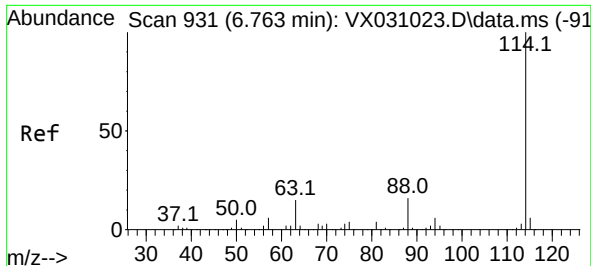
Tgt Ion: 56 Resp: 3255
Ion Ratio Lower Upper
56 100
69 215.5 25.4 38.0#
84 160.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.826 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion: 65 Resp: 131723
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

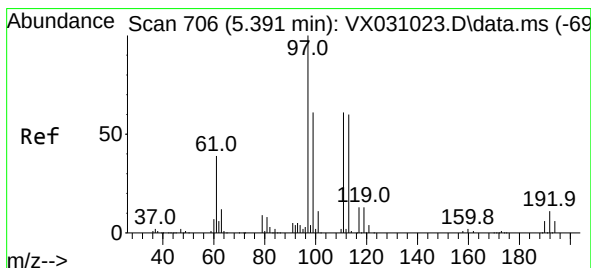
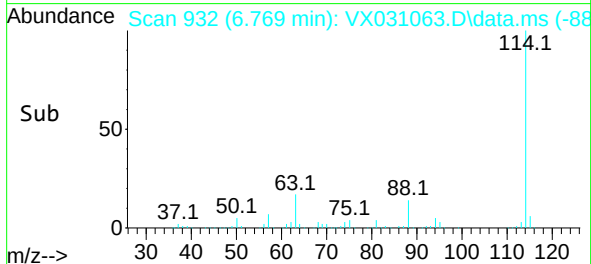
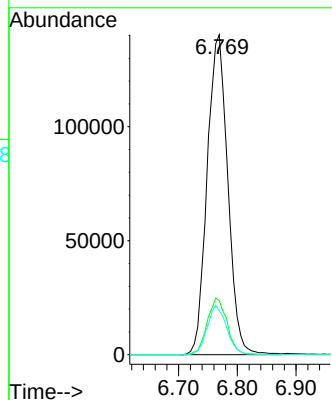
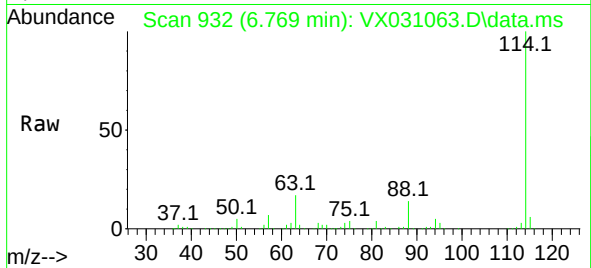




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

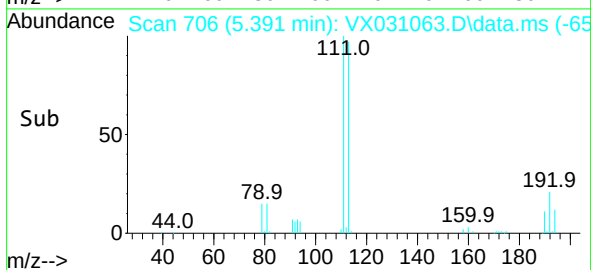
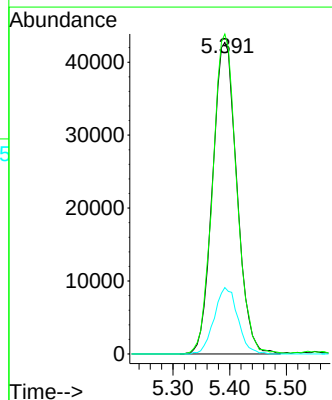
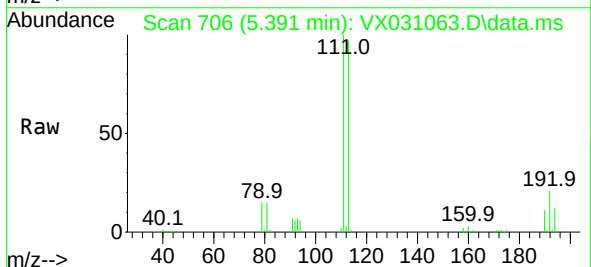
Instrument :
MSVOA_X
ClientSampleId :

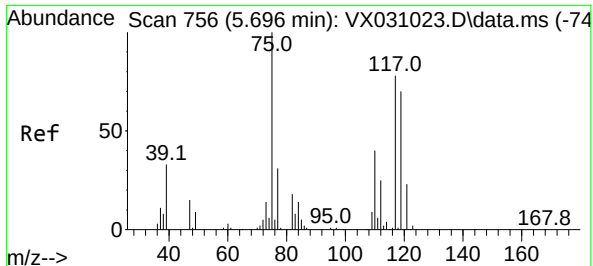
Tgt Ion:114 Resp: 342551
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.4
88 13.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.830 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion:113 Resp: 127065
Ion Ratio Lower Upper
113 100
111 101.4 83.2 124.8
192 20.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.883 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

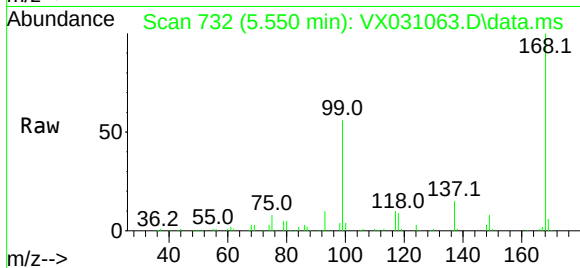
Lab File: VX031063.D

Acq: 02 Sep 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :



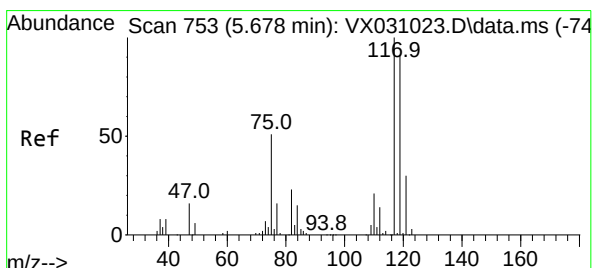
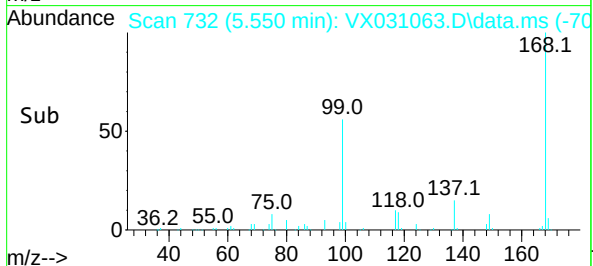
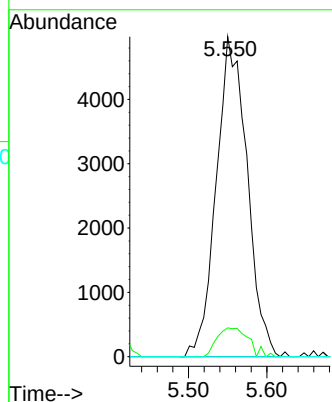
Tgt Ion: 75 Resp: 13595

Ion Ratio Lower Upper

75 100

110 9.3 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.393 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX031063.D

Acq: 02 Sep 2022 13:41

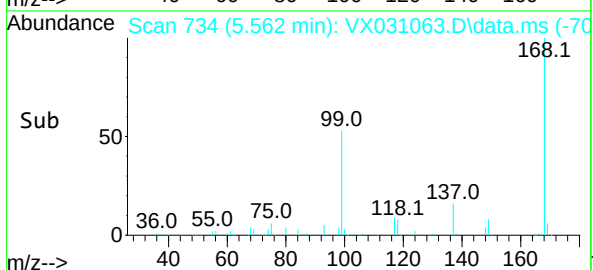
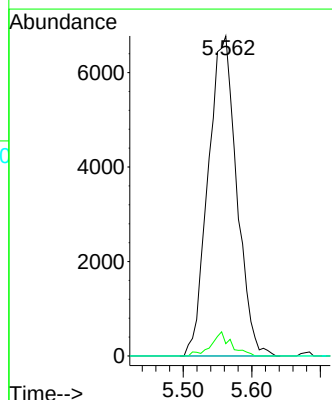
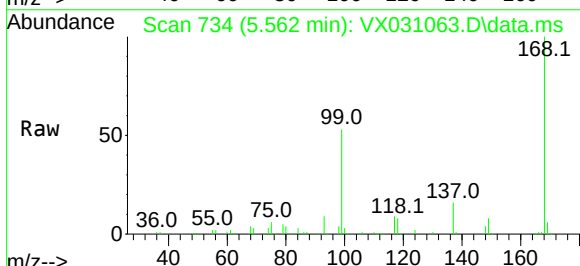
Tgt Ion: 117 Resp: 19601

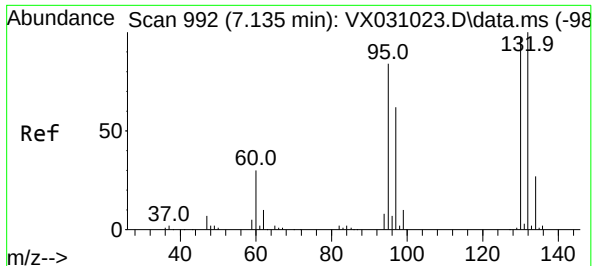
Ion Ratio Lower Upper

117 100

119 3.9 74.1 111.1#

121 0.0 25.8 38.8#

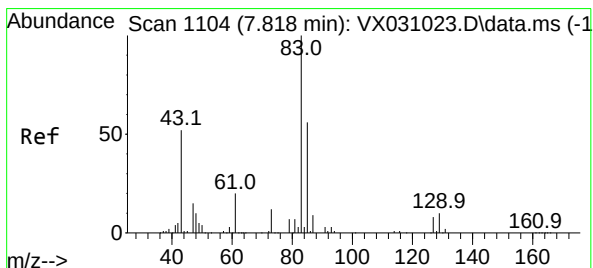
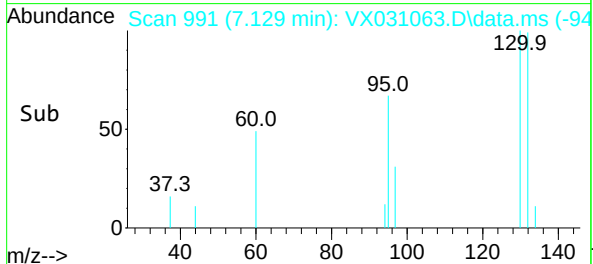
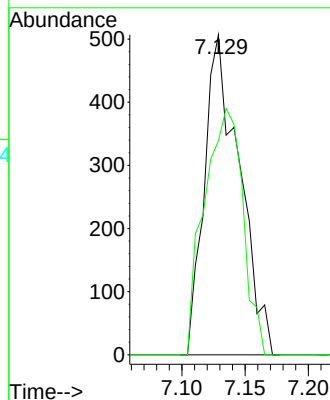
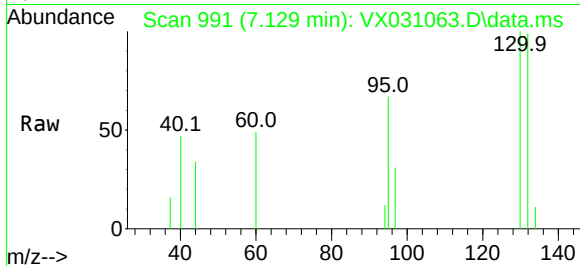




#44
Trichloroethene
Concen: 0.306 ug/l
RT: 7.129 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

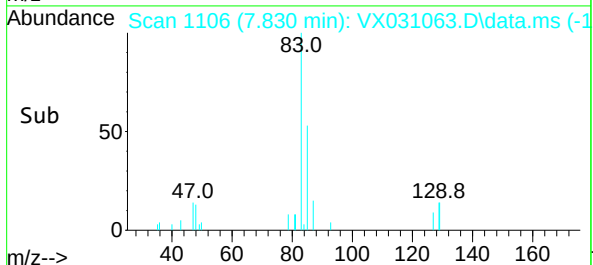
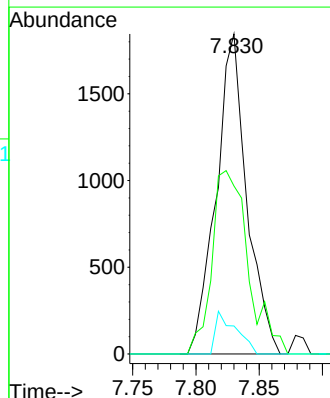
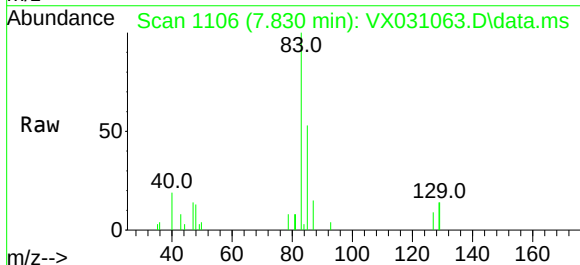
Instrument :
MSVOA_X
ClientSampleId :

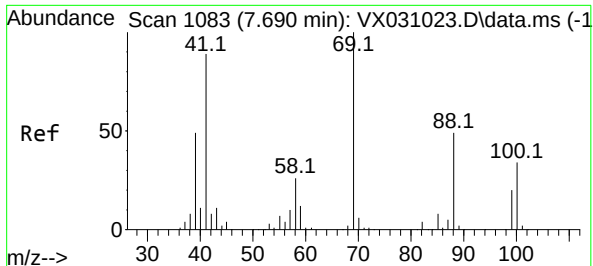
Tgt Ion:130 Resp: 974
Ion Ratio Lower Upper
130 100
95 66.9 0.0 194.8



#47
Bromodichloromethane
Concen: 0.863 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion: 83 Resp: 3110
Ion Ratio Lower Upper
83 100
85 52.5 53.5 80.3#
127 8.8 6.6 10.0





#49

1,4-Dioxane

Concen: 0.288 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.007 min

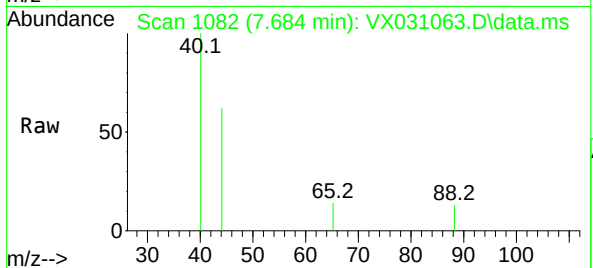
Lab File: VX031063.D

Acq: 02 Sep 2022 13:41

Instrument :

MSVOA_X

ClientSampleId :



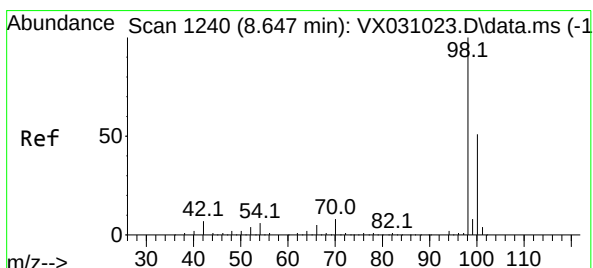
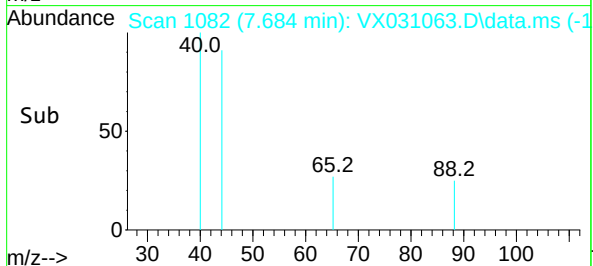
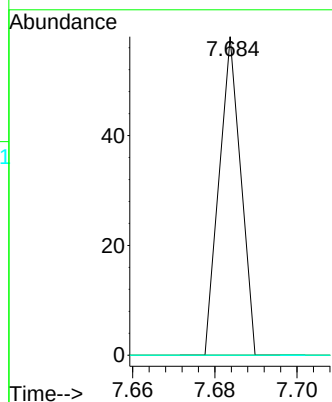
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 50.149 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031063.D

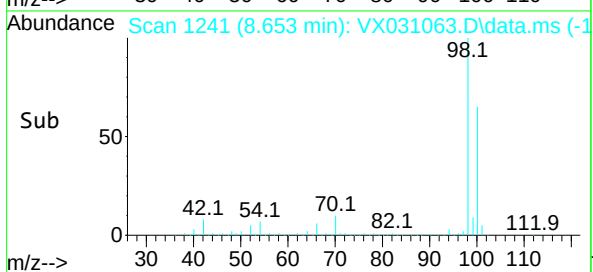
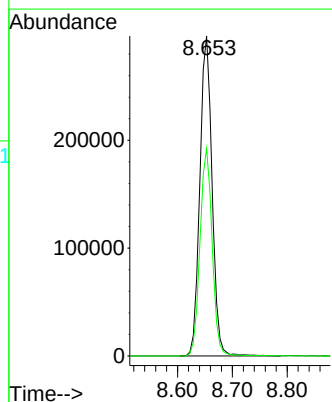
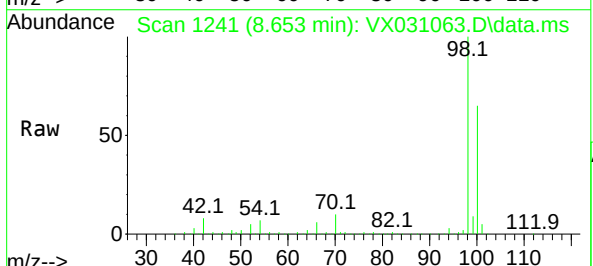
Acq: 02 Sep 2022 13:41

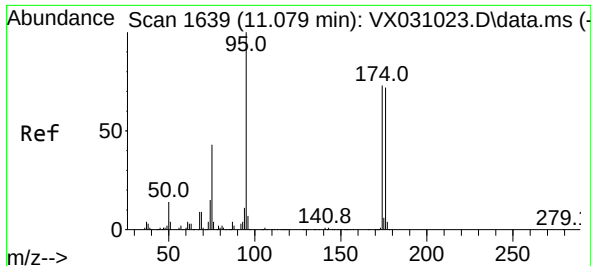
Tgt Ion: 98 Resp: 461382

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

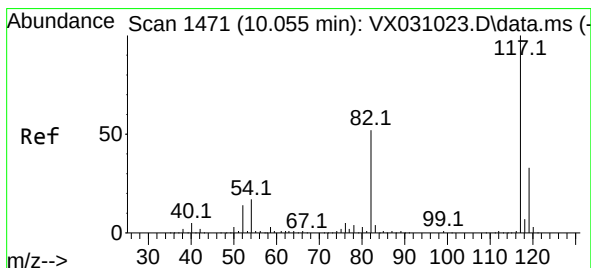
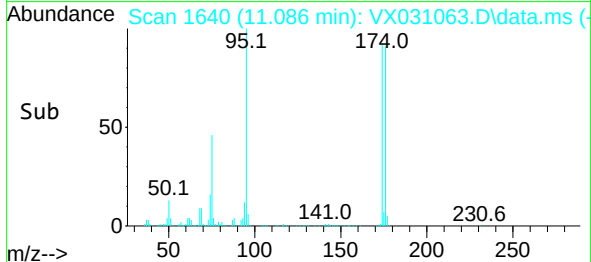
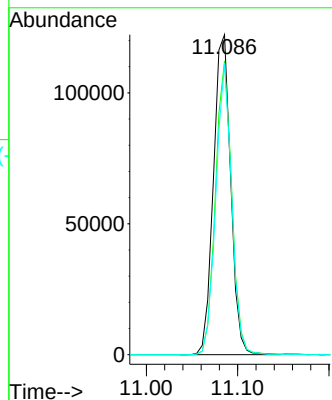
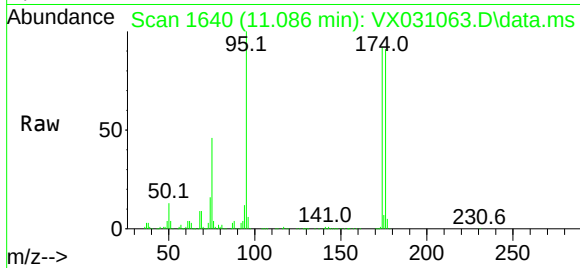




#62
4-Bromofluorobenzene
Concen: 49.224 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

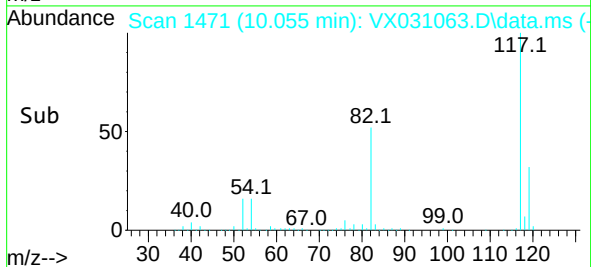
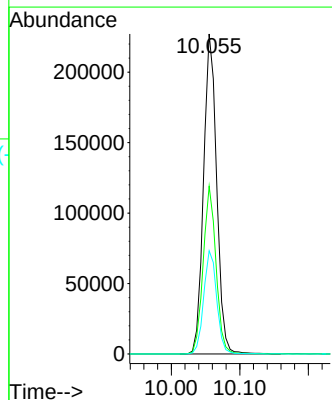
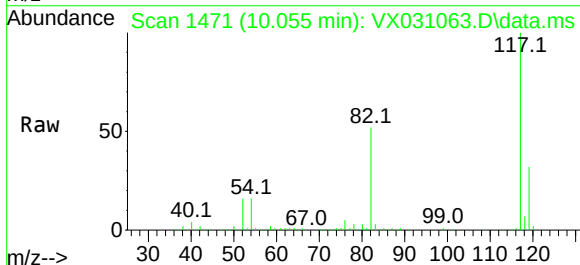
Instrument :
MSVOA_X
ClientSampleId :

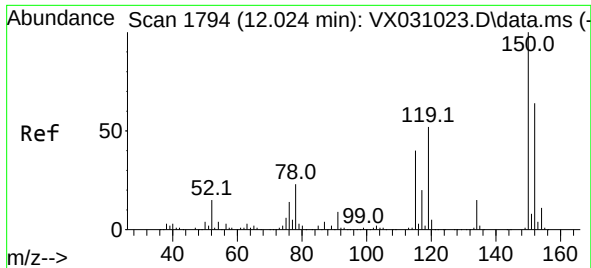
Tgt Ion: 95 Resp: 159953
Ion Ratio Lower Upper
95 100
174 87.2 0.0 149.0
176 83.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

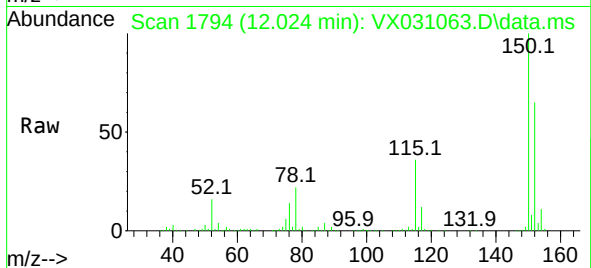
Tgt Ion: 117 Resp: 303142
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 32.2 25.4 38.2



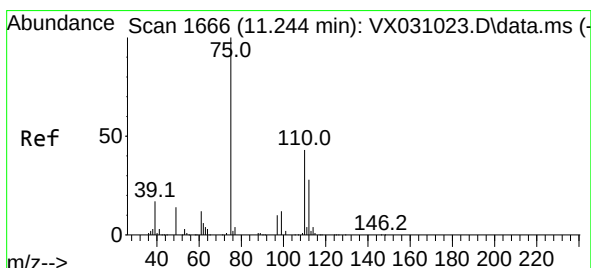
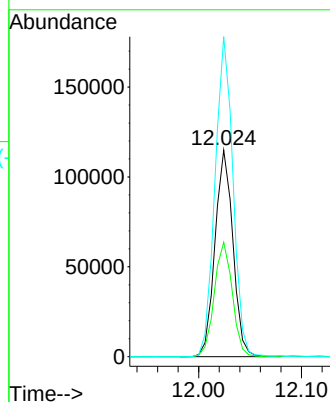
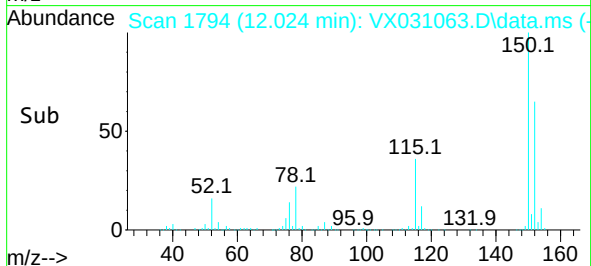


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031063.D
 Acq: 02 Sep 2022 13:41

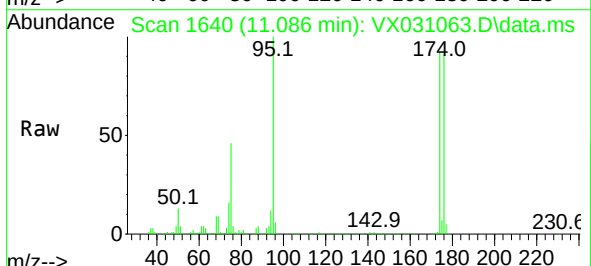
Instrument :
 MSVOA_X
 ClientSampleId :



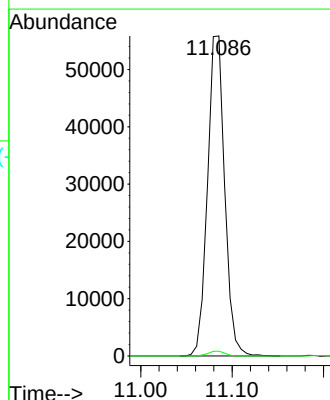
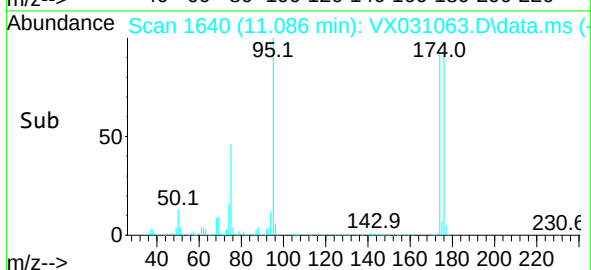
Tgt Ion:152 Resp: 138974
 Ion Ratio Lower Upper
 152 100
 115 55.8 40.5 121.5
 150 155.2 0.0 347.0

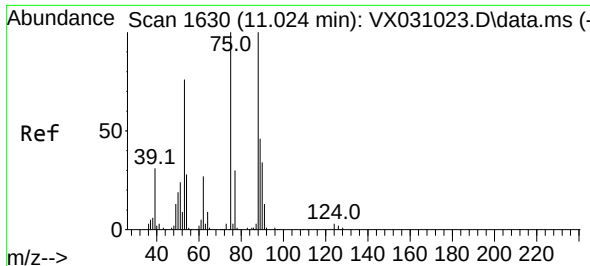


#76
 1,2,3-Trichloropropane
 Concen: 22.164 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX031063.D
 Acq: 02 Sep 2022 13:41



Tgt Ion: 75 Resp: 72814
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.8 59.3#

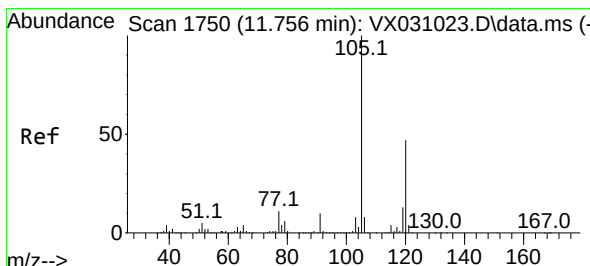
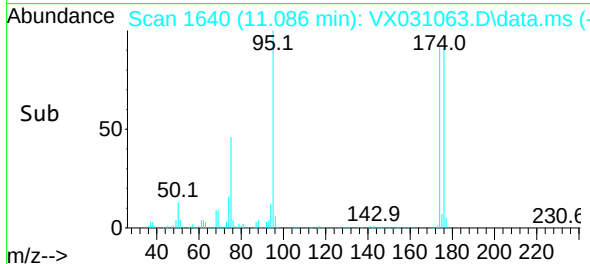
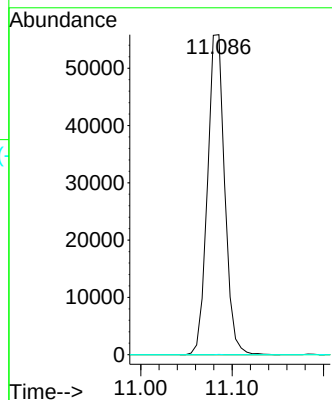
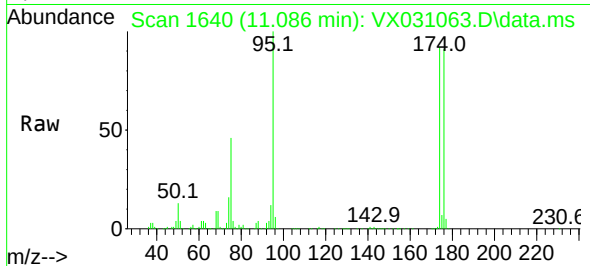




#81
trans-1,4-Dichloro-2-butene
Concen: 69.656 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72814
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.345 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031063.D
Acq: 02 Sep 2022 13:41

Tgt Ion: 105 Resp: 3229
Ion Ratio Lower Upper
105 100
120 3.7 22.9 68.8#

