

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024127.D
 Acq On : 08 Sep 2021 10:41
 Operator : JC/MD
 Sample : VX0908WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBL01

Quant Time: Sep 09 05:41:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

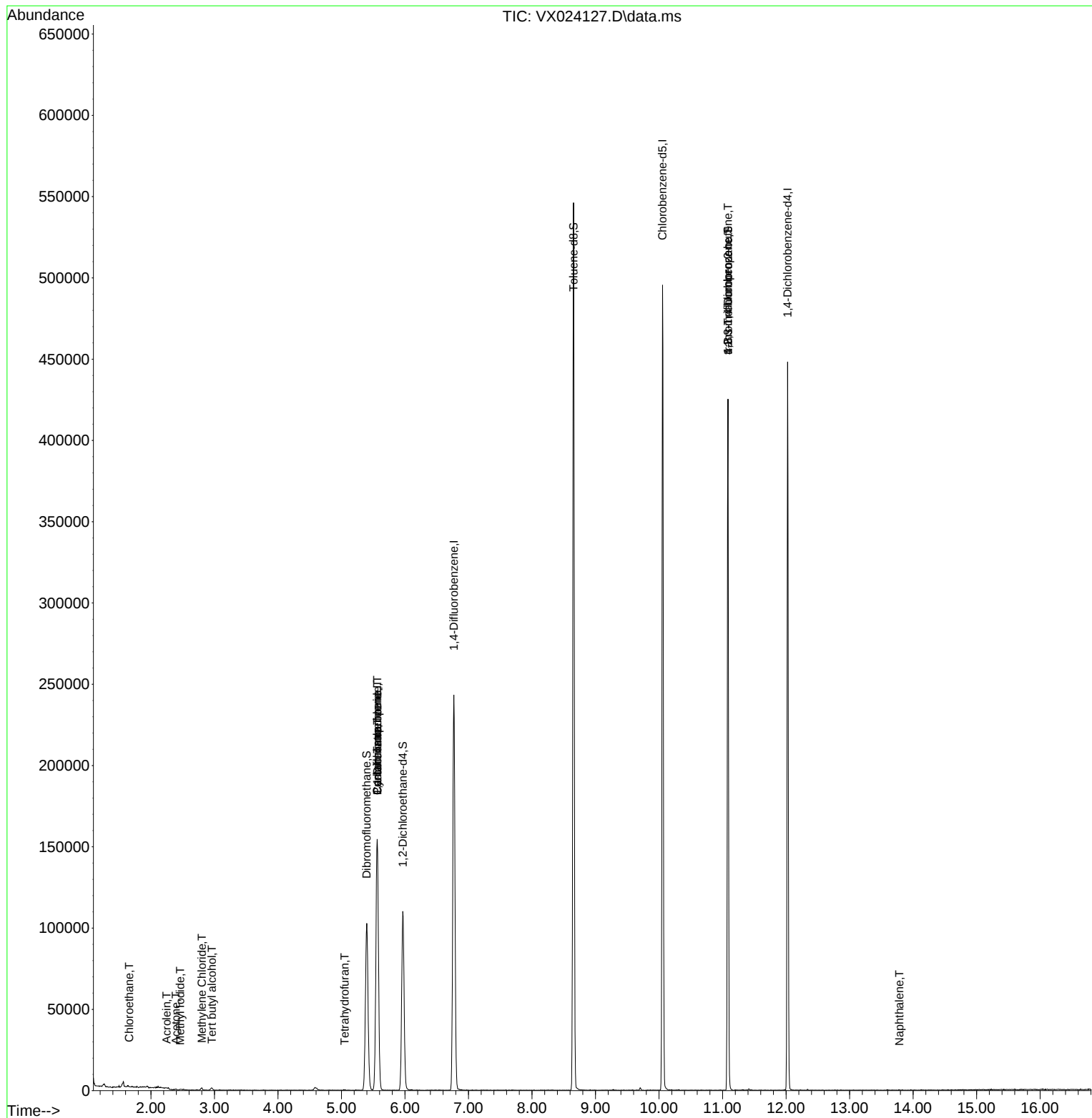
Internal Standards						
1) Pentafluorobenzene	5.562	168	143929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111147	55.330	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.660%			
35) Dibromofluoromethane	5.397	113	86257	53.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	8.653	98	307796	50.001	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.085	95	106071	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.620%			
Target Compounds						Qvalue
6) Chloroethane	1.654	64	83	2.276	ug/l #	43
10) Methyl Iodide	2.459	142	634	0.315	ug/l #	65
11) Tert butyl alcohol	2.959	59	986	2.427	ug/l #	73
13) Acrolein	2.245	56	75	0.310	ug/l	87
16) Acetone	2.392	43	737	0.821	ug/l	95
20) Methylene Chloride	2.800	84	715	0.417	ug/l	85
29) Tetrahydrofuran	5.050	42	191	0.217	ug/l #	49
31) Cyclohexane	5.562	56	3433	1.330	ug/l #	9
36) 1,1-Dichloropropene	5.562	75	11332	5.008	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14891	6.310	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	57429	27.233	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57429	80.106	ug/l #	12
95) Naphthalene	13.786	128	199	1.312	ug/l #	69

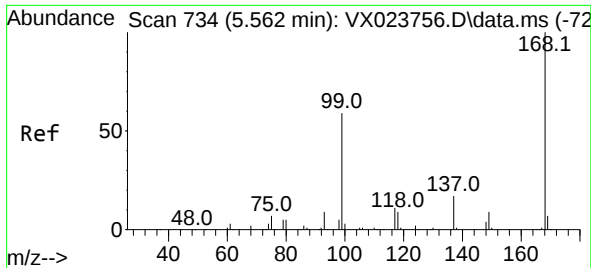
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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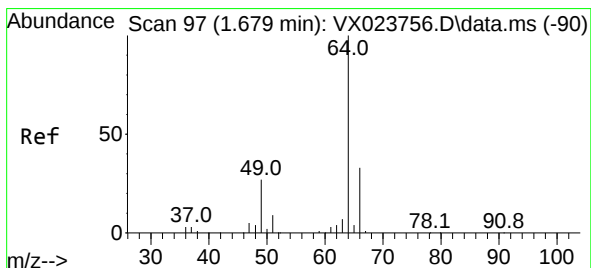
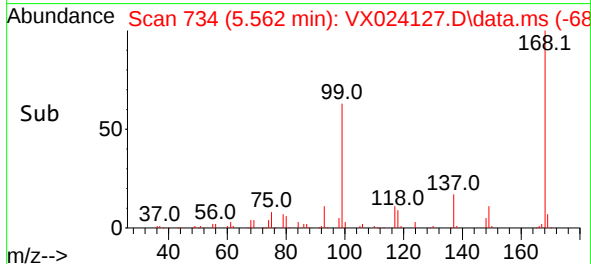
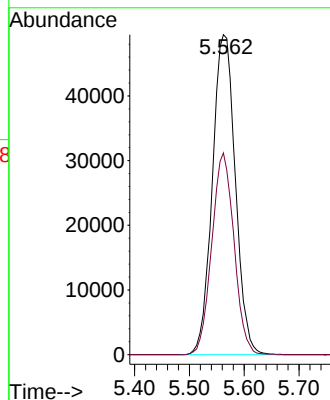
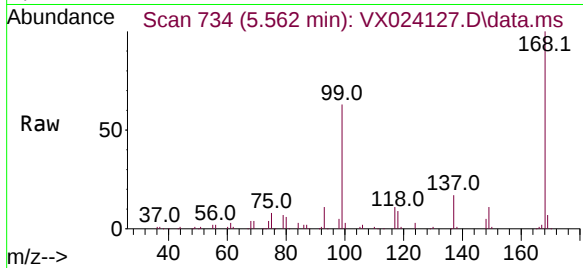




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

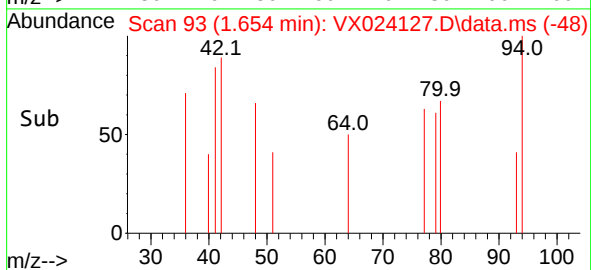
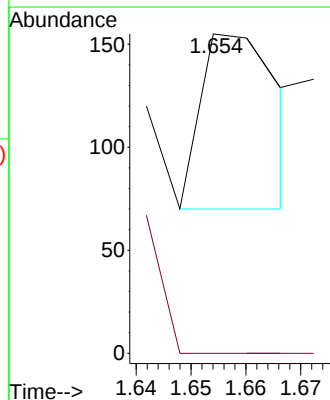
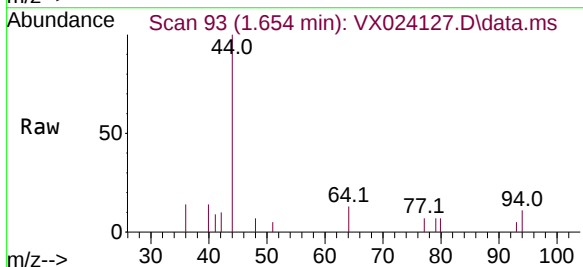
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

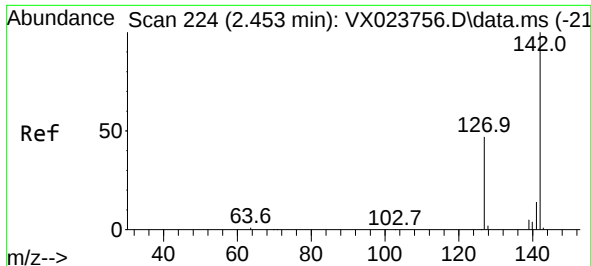
Tgt Ion:168 Resp: 143929
Ion Ratio Lower Upper
168 100
99 63.0 45.8 68.6



#6
Chloroethane
Concen: 2.276 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

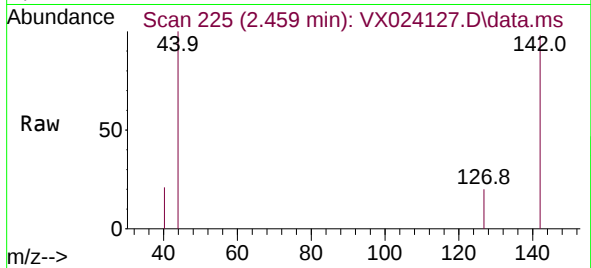
Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



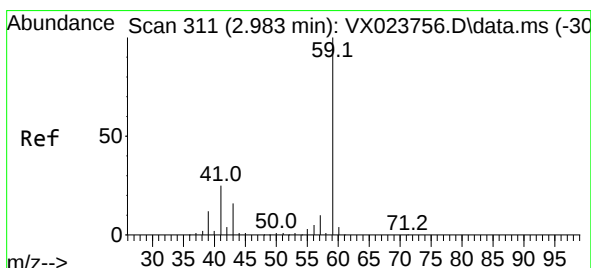
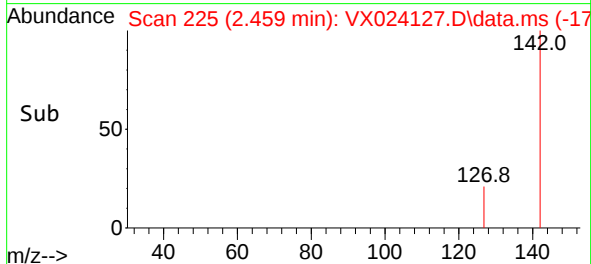
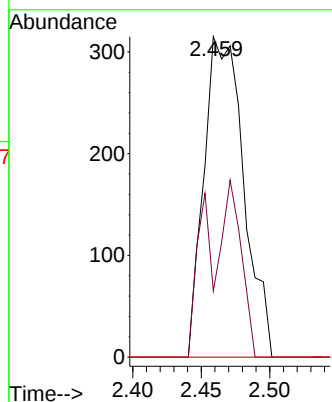


#10
Methyl Iodide
Concen: 0.315 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

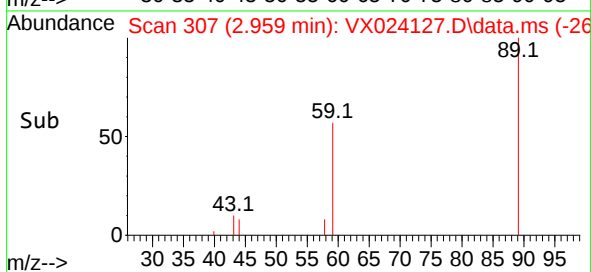
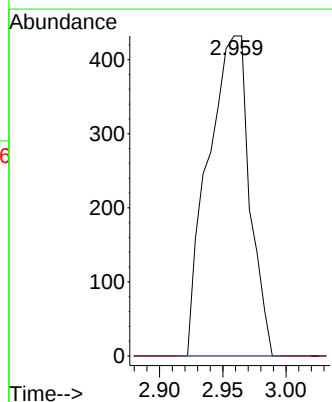
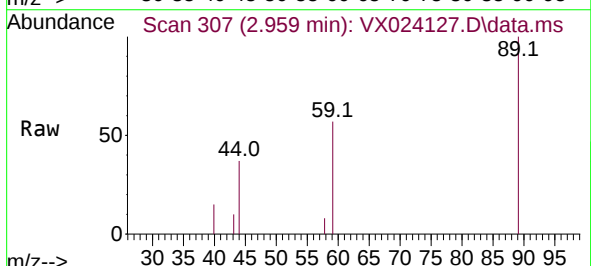


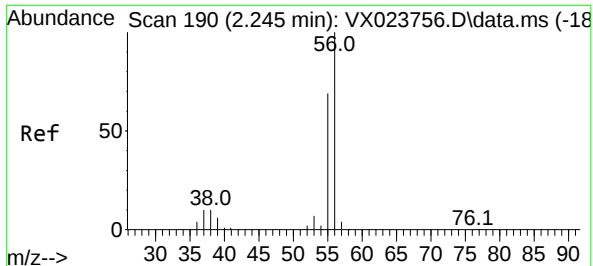
Tgt Ion:142 Resp: 634
Ion Ratio Lower Upper
142 100
127 19.2 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.427 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Tgt Ion: 59 Resp: 986
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

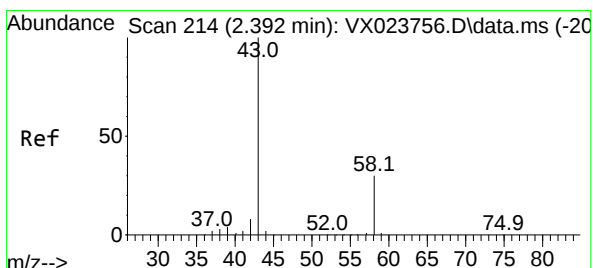
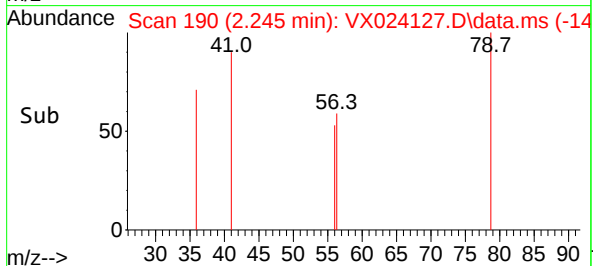
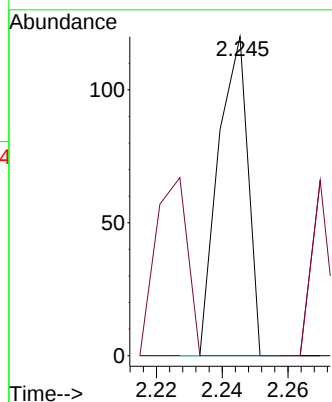
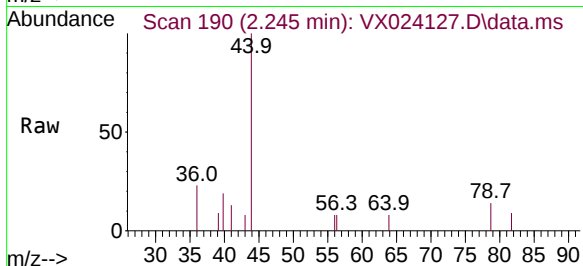




#13
Acrolein
Concen: 0.310 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

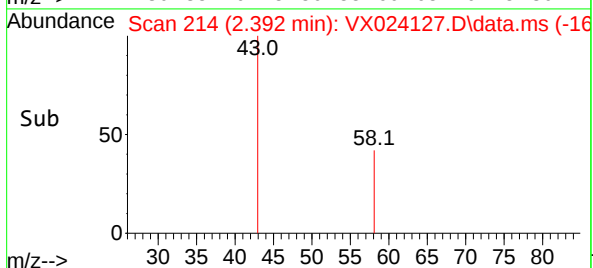
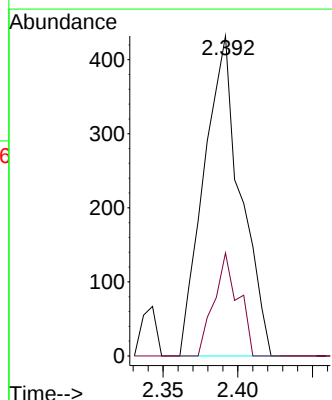
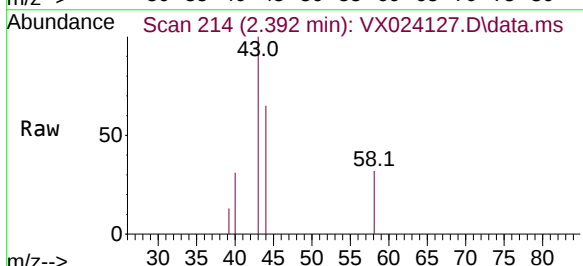
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

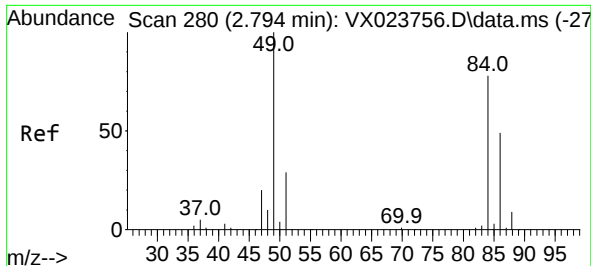
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 60.0 56.4 84.6



#16
Acetone
Concen: 0.821 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



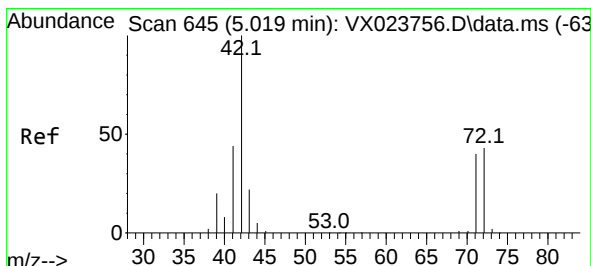
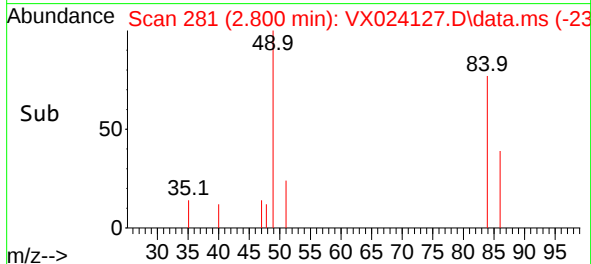
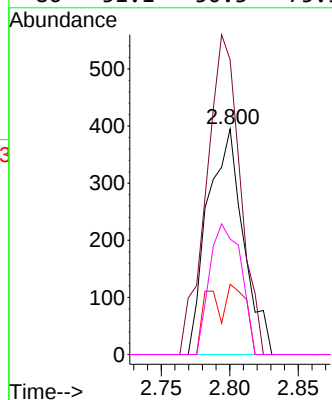
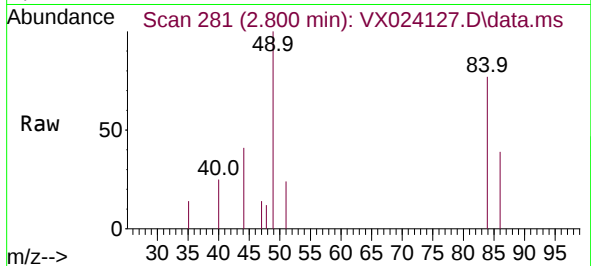


#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

Tgt Ion: 84 Resp: 715

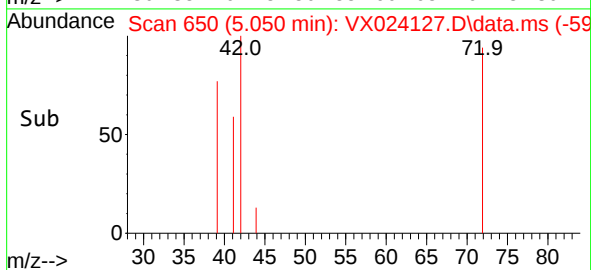
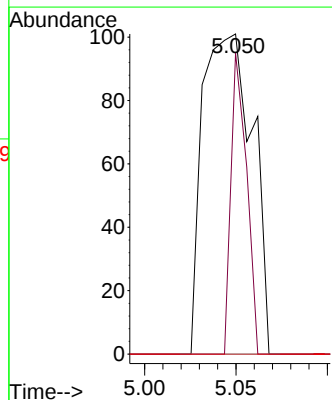
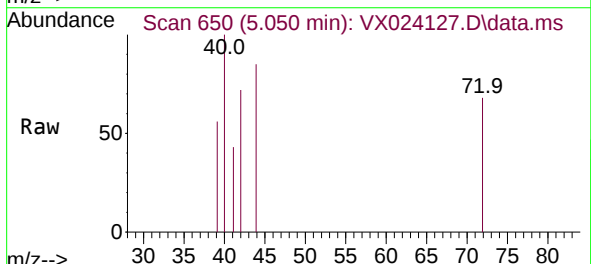
Ion	Ratio	Lower	Upper
84	100		
49	130.6	88.6	132.8
51	31.1	27.0	40.6
86	51.1	50.3	75.5

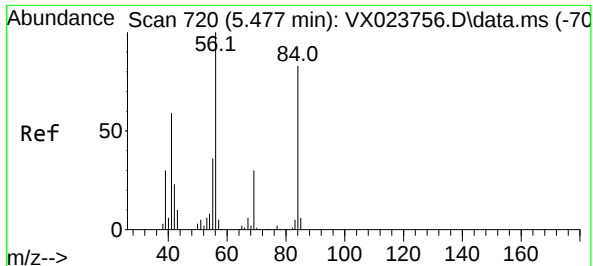


#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Tgt Ion: 42 Resp: 191

Ion	Ratio	Lower	Upper
42	100		
72	29.3	41.7	62.5#
71	0.0	38.4	57.6#





#31

Cyclohexane

Concen: 1.330 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024127.D

Acq: 08 Sep 2021 10:41

Tgt Ion: 56 Resp: 3433

Ion Ratio Lower Upper

56 100

69 187.4 25.3 37.9#

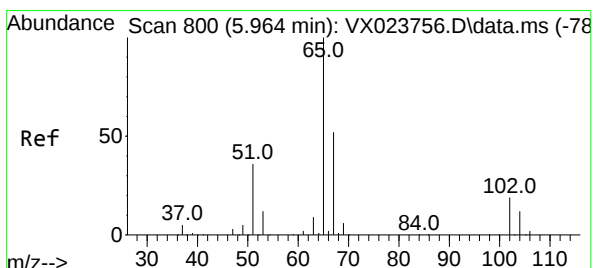
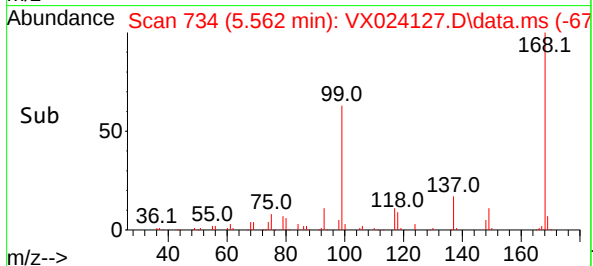
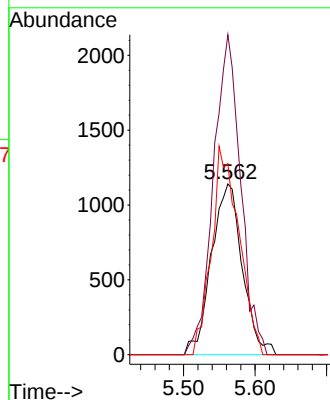
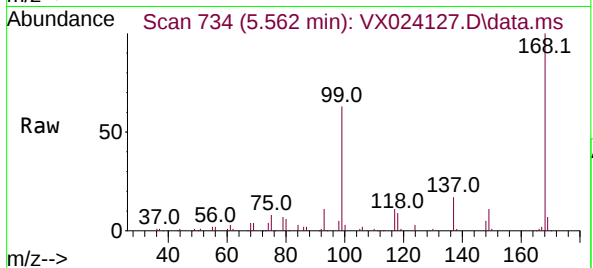
84 111.8 71.4 107.0#

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBL01



#33

1,2-Dichloroethane-d4

Concen: 55.330 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024127.D

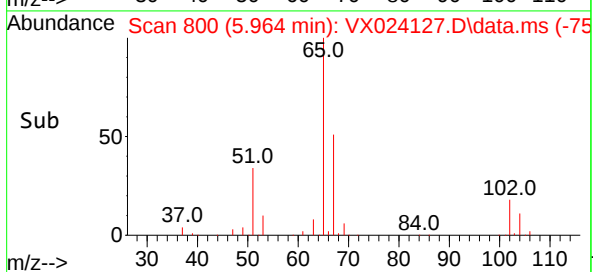
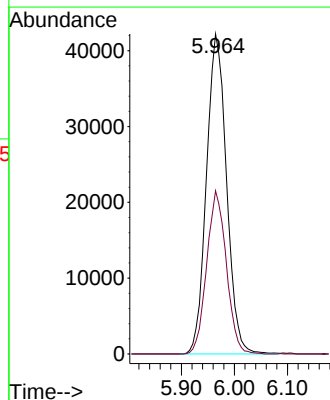
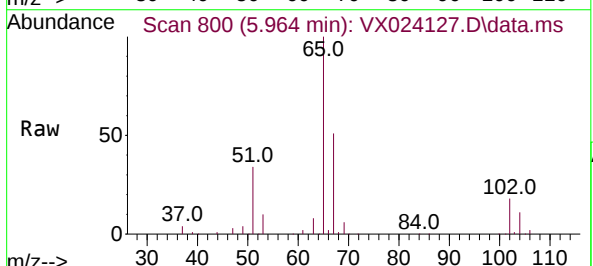
Acq: 08 Sep 2021 10:41

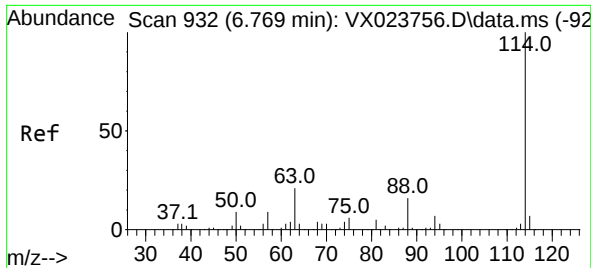
Tgt Ion: 65 Resp: 111147

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.4

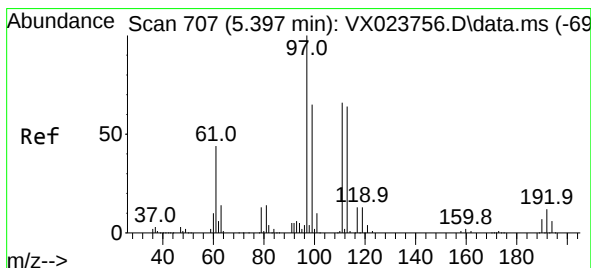
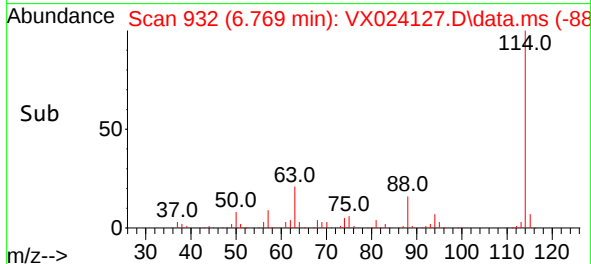
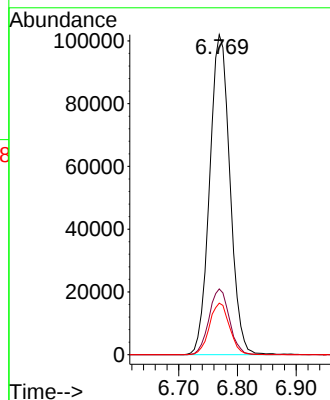
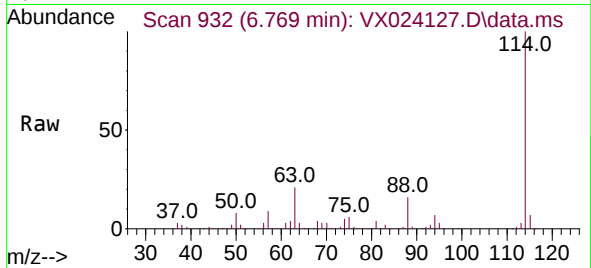




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

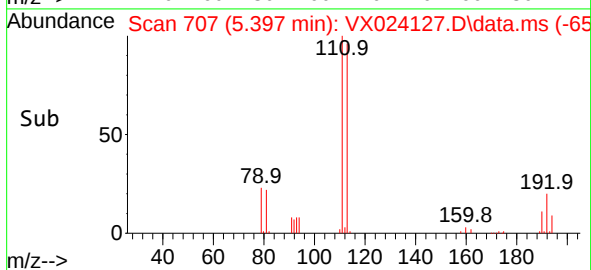
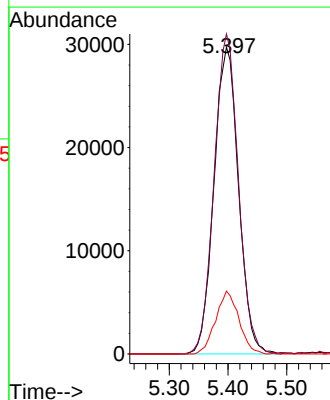
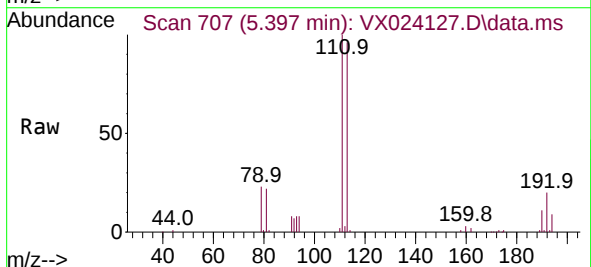
Instrument :
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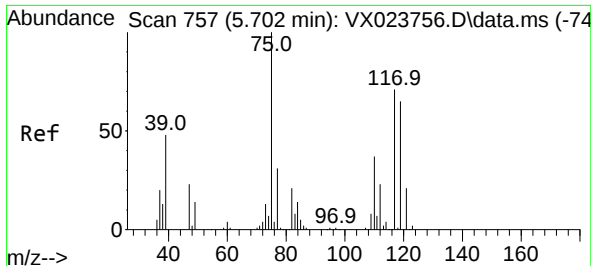
Tgt Ion:114 Resp: 244363
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.331 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Tgt Ion:113 Resp: 86257
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.008 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024127.D

Acq: 08 Sep 2021 10:41

Tgt Ion: 75 Resp: 11332

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.4#

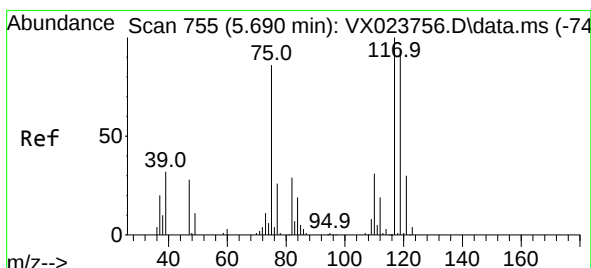
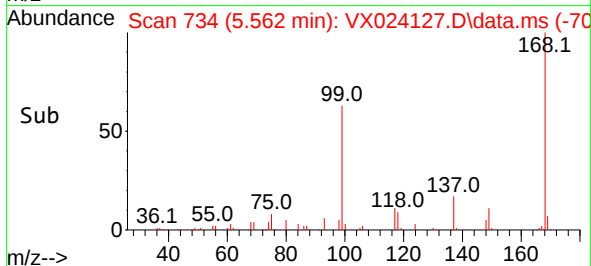
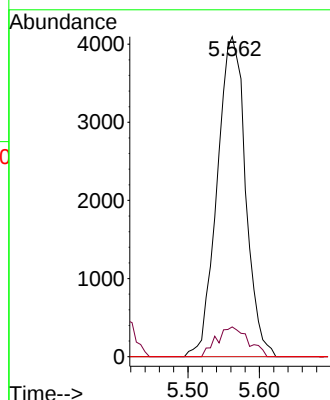
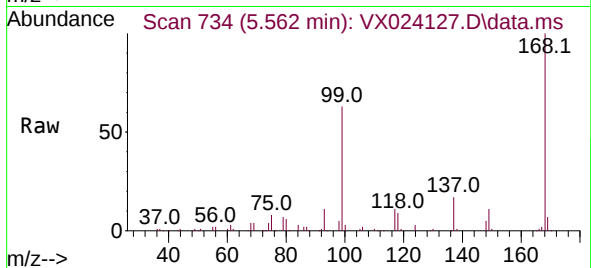
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBL01



#38

Carbon Tetrachloride

Concen: 6.310 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX024127.D

Acq: 08 Sep 2021 10:41

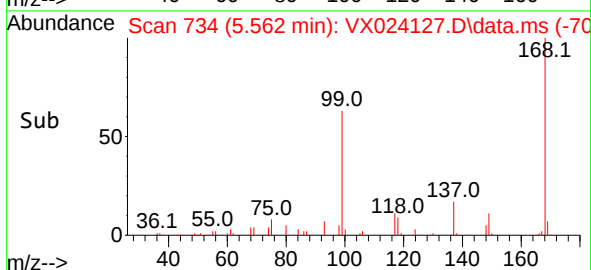
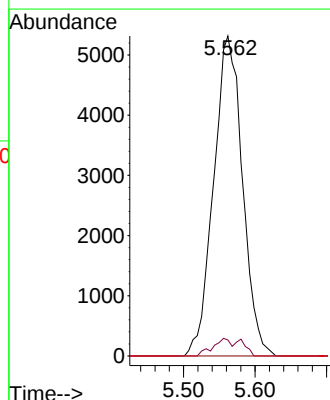
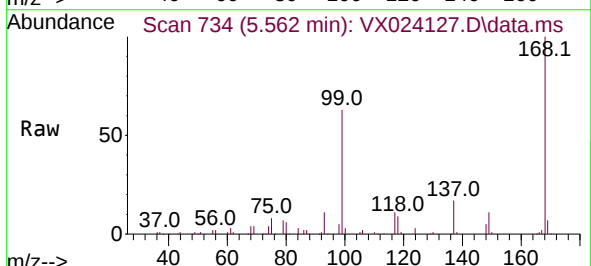
Tgt Ion: 117 Resp: 14891

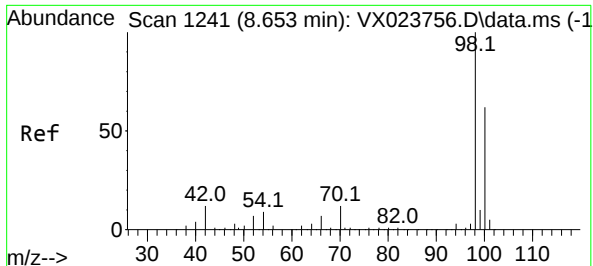
Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.001 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024127.D

Acq: 08 Sep 2021 10:41

Instrument :

MSVOA_X

ClientSampleId :

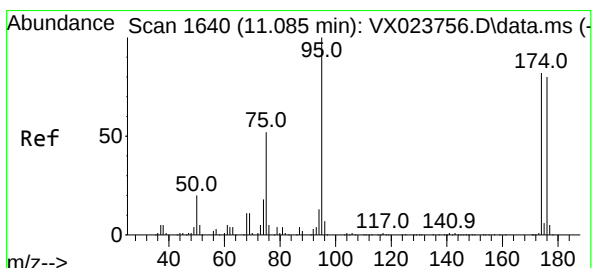
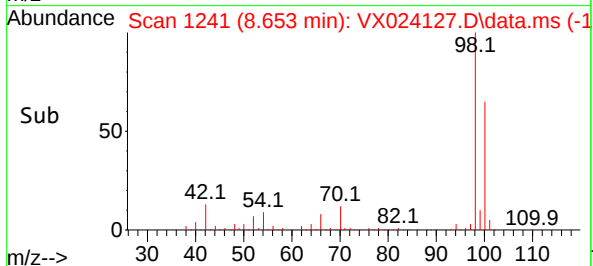
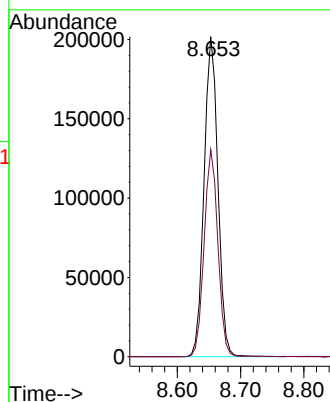
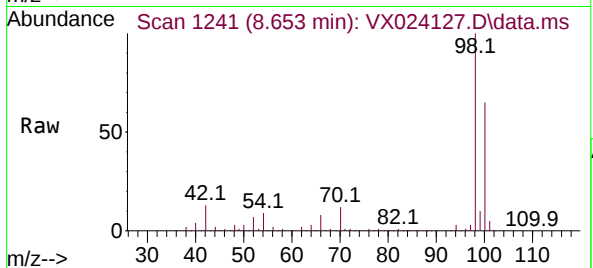
VX0908WBL01

Tgt Ion: 98 Resp: 307796

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.807 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024127.D

Acq: 08 Sep 2021 10:41

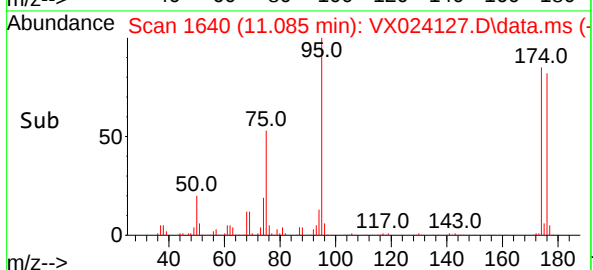
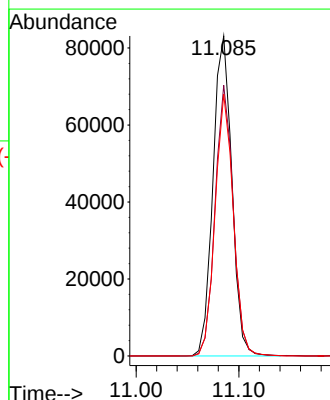
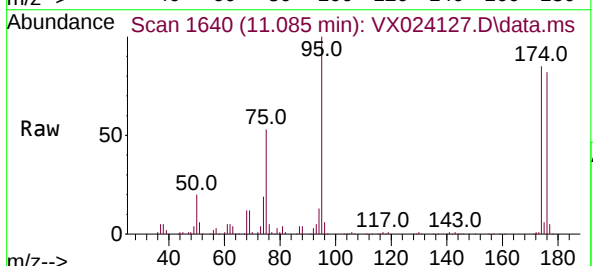
Tgt Ion: 95 Resp: 106071

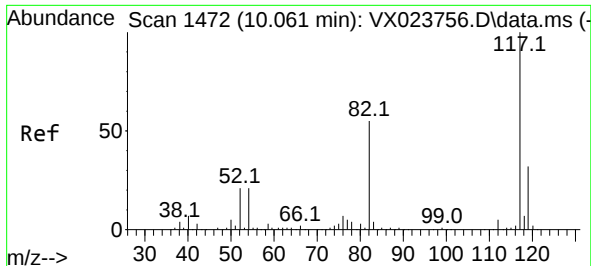
Ion Ratio Lower Upper

95 100

174 81.2 0.0 154.6

176 79.0 0.0 155.8

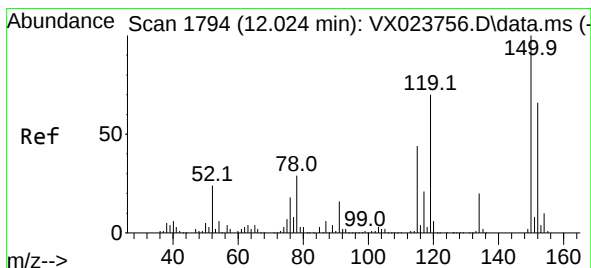
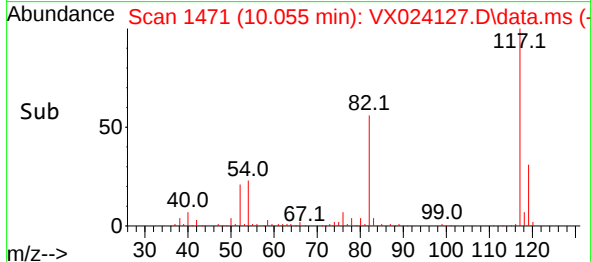
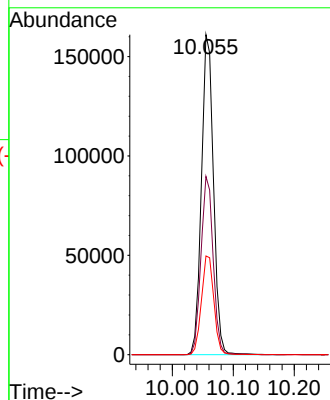
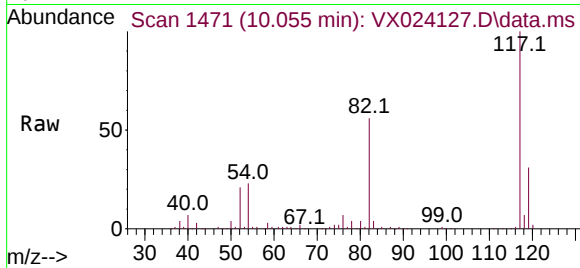




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

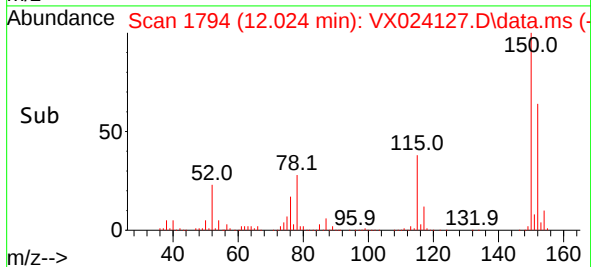
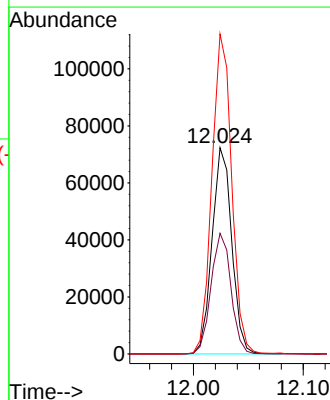
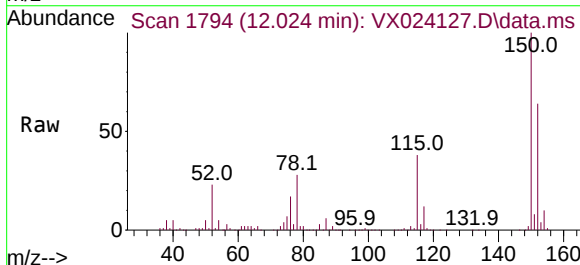
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

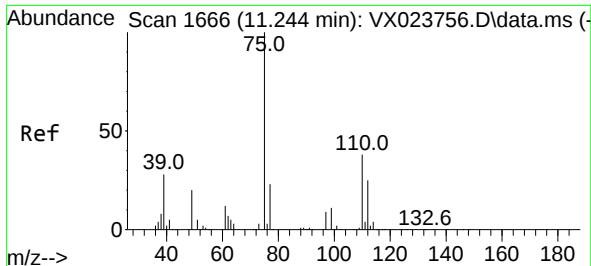
Tgt Ion:117 Resp: 221176
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Tgt Ion:152 Resp: 90401
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.0 0.0 349.0

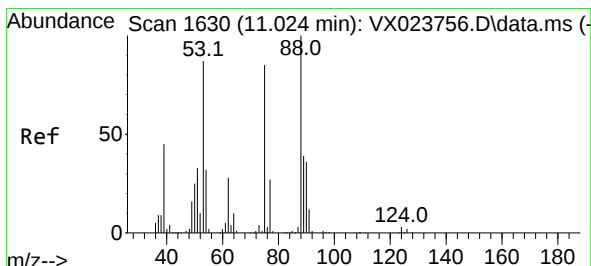
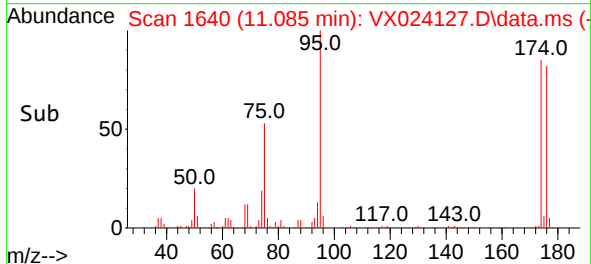
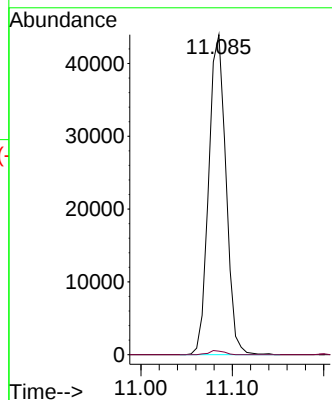
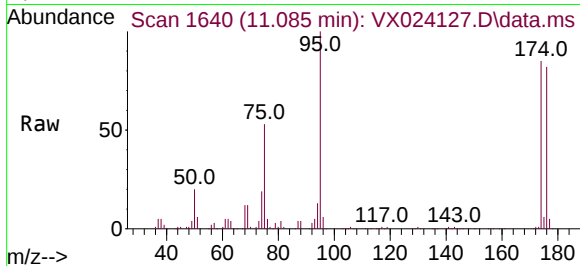




#76
1,2,3-Trichloropropane
Concen: 27.233 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

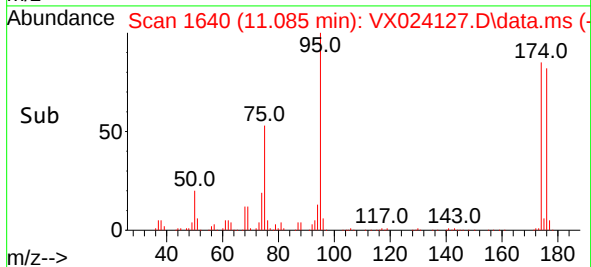
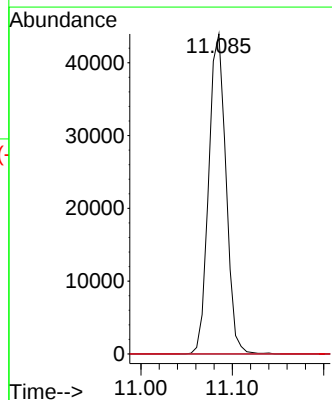
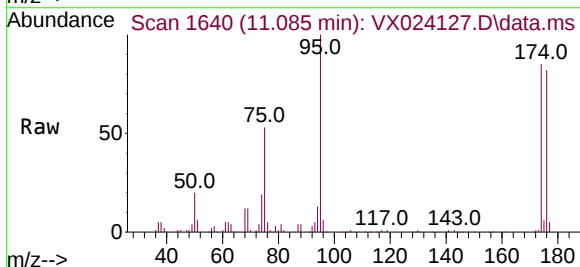
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

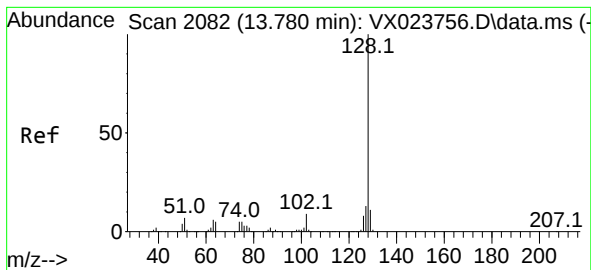
Tgt Ion: 75 Resp: 57429
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.106 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

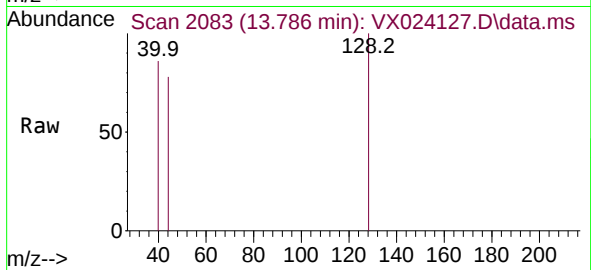
Tgt Ion: 75 Resp: 57429
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.312 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024127.D
Acq: 08 Sep 2021 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01



Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

