

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023928.D
 Acq On : 25 Aug 2021 10:23
 Operator : JC/MD
 Sample : VX0825MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825MBL01

Quant Time: Aug 26 07:34:52 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)

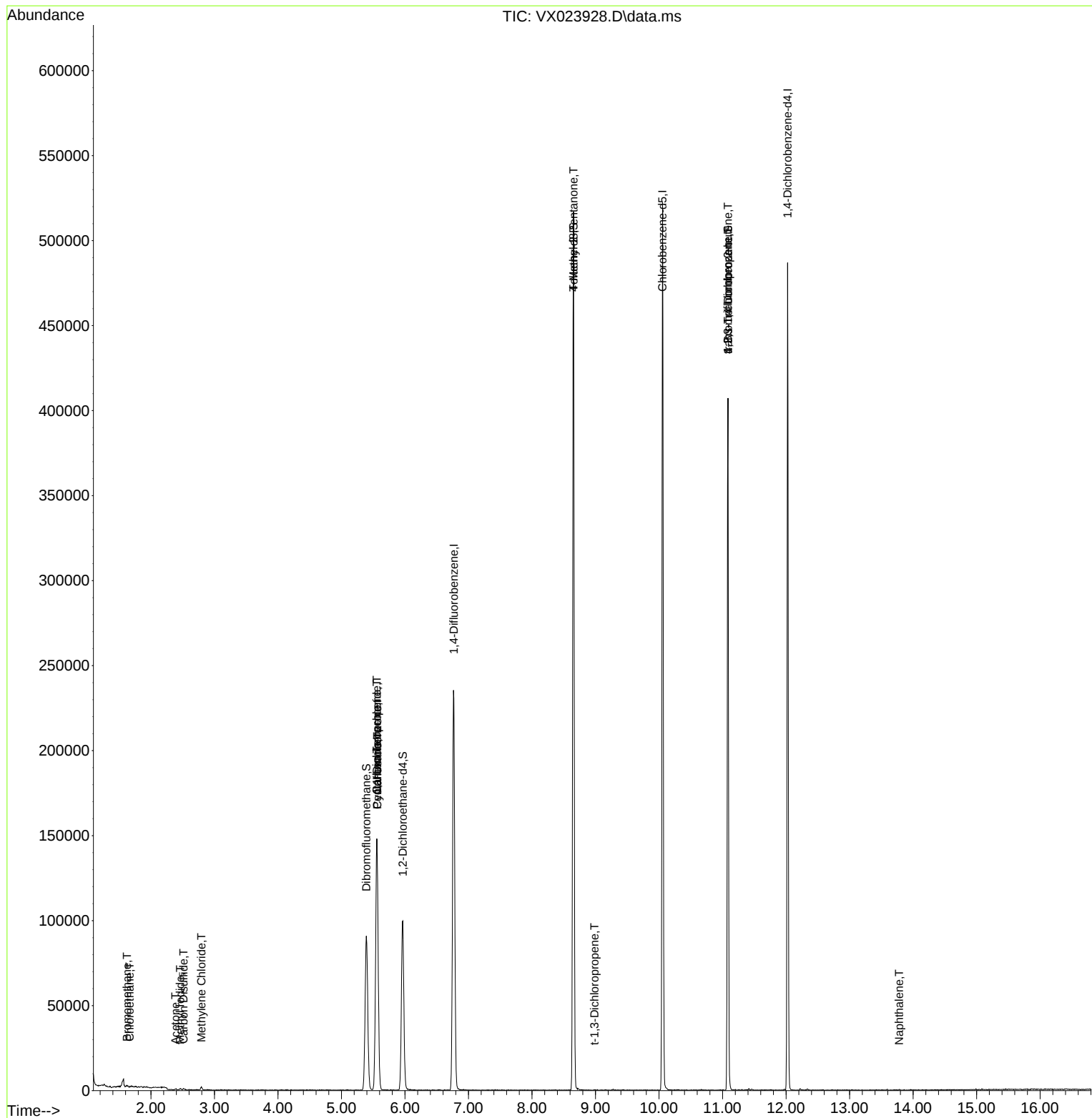
Internal Standards						
1) Pentafluorobenzene	5.562	168	137463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98911	51.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.120%			
35) Dibromofluoromethane	5.391	113	77238	49.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	8.653	98	288367	48.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.085	95	102609	47.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.320%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	500	0.512	ug/l #	80
6) Chloroethane	1.666	64	105	2.295	ug/l #	43
10) Methyl Iodide	2.459	142	905	0.471	ug/l #	87
16) Acetone	2.386	43	605	0.705	ug/l	98
17) Carbon Disulfide	2.514	76	964	0.306	ug/l #	75
20) Methylene Chloride	2.794	84	827	0.505	ug/l	88
31) Cyclohexane	5.562	56	2999	1.217	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	11002	5.064	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14531	6.414	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1532	0.567	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	31	2.148	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	56195	25.125	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56195	73.907	ug/l #	12
95) Naphthalene	13.780	128	313	1.326	ug/l #	69

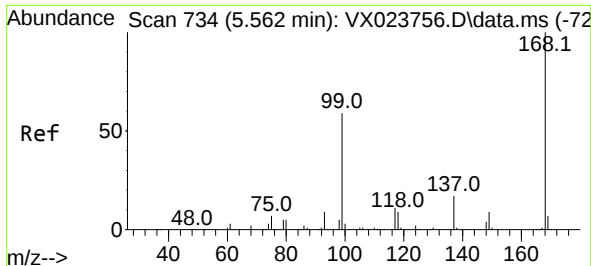
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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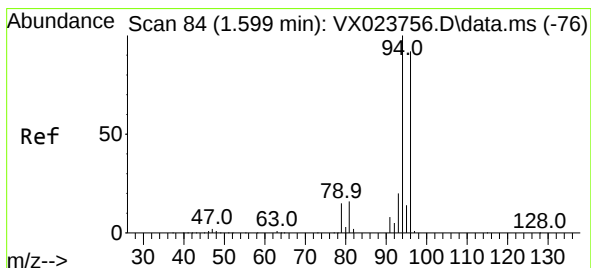
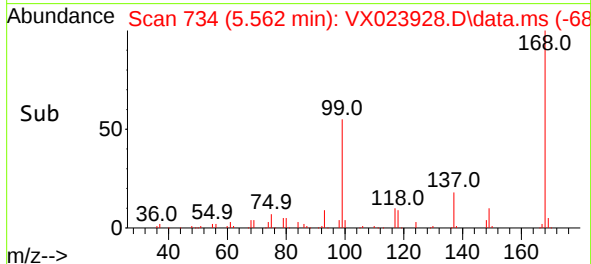
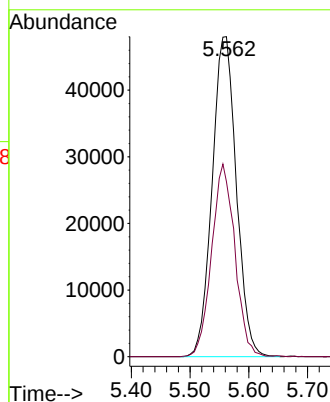
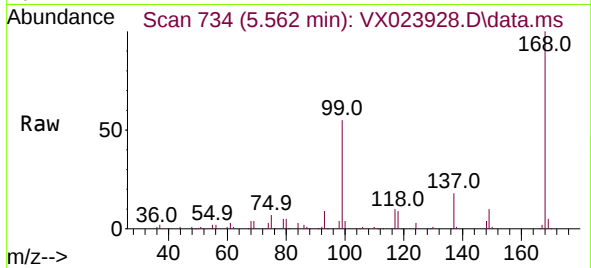




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

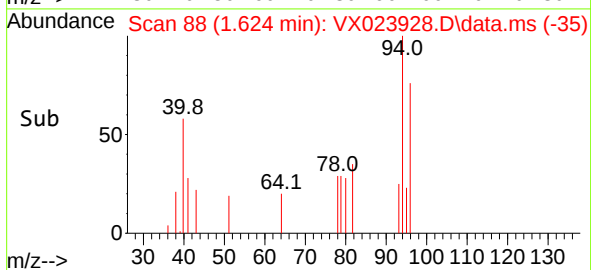
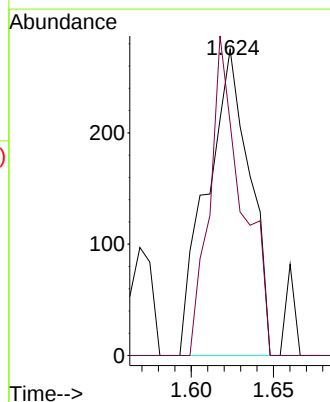
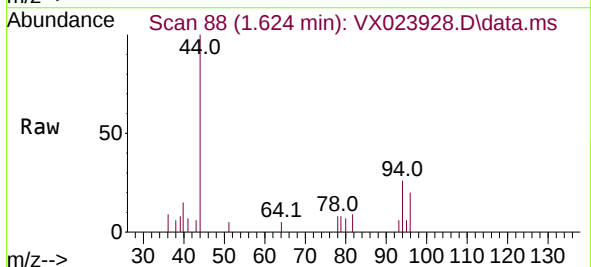
Instrument :
MSVOA_X
ClientSampleId :
VX0825MBL01

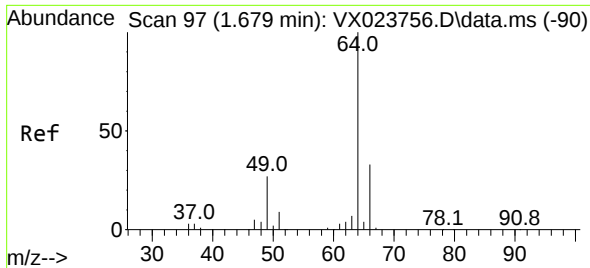
Tgt Ion:168 Resp: 137463
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#5
Bromomethane
Concen: 0.512 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 76.0 76.4 114.6#

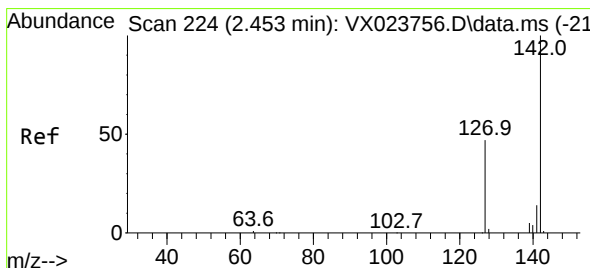
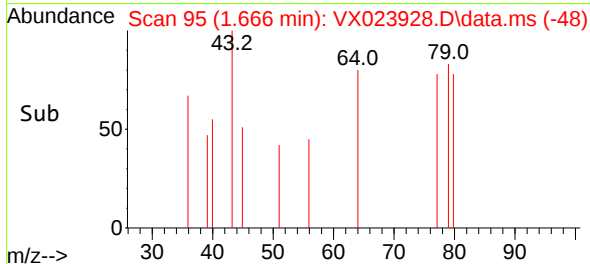
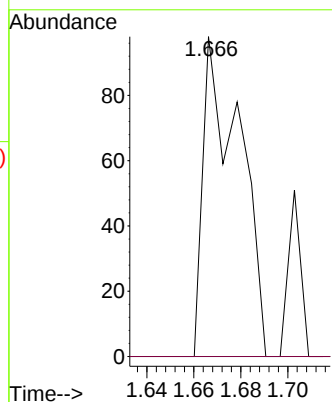
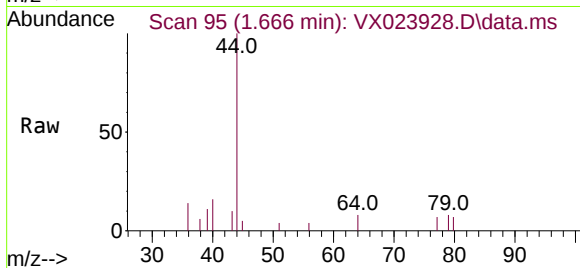




#6
Chloroethane
Concen: 2.295 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

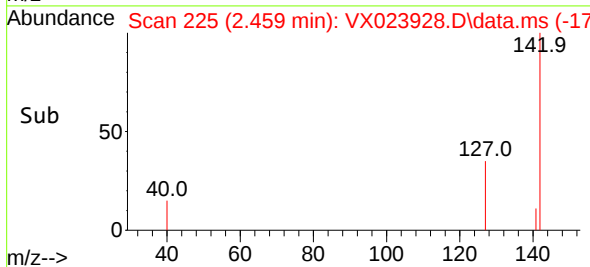
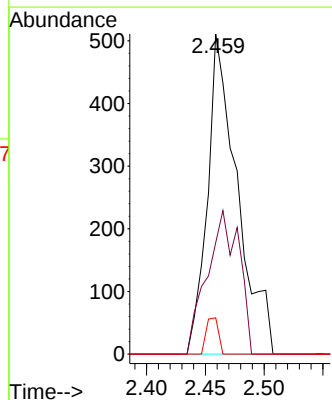
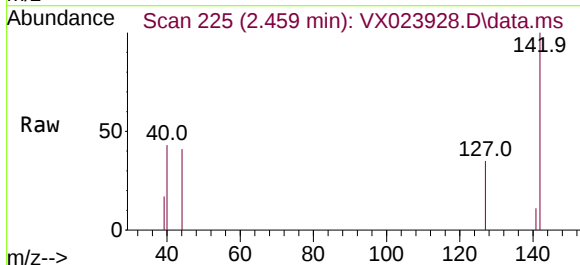
Instrument :
MSVOA_X
ClientSampled :
VX0825MBL01

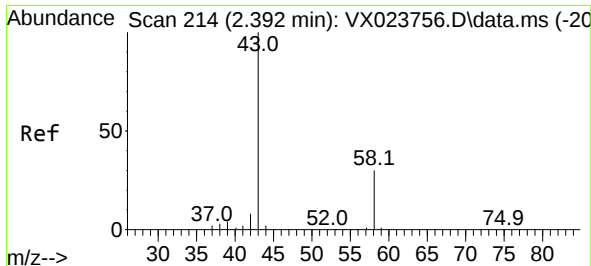
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.471 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 142 Resp: 905
Ion Ratio Lower Upper
142 100
127 47.8 33.3 49.9
141 4.6 11.4 17.0#

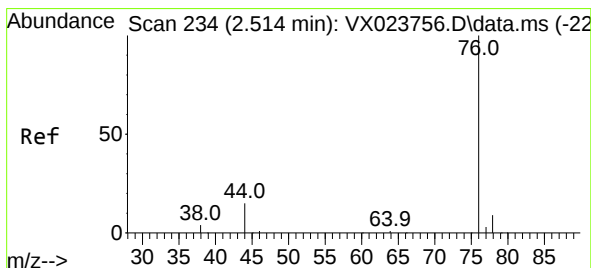
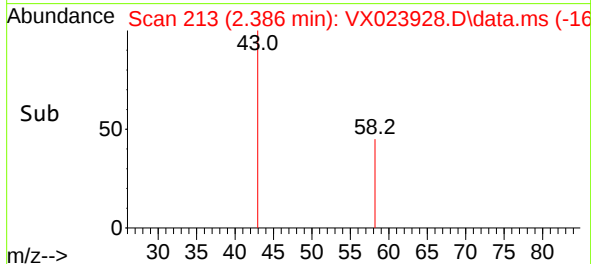
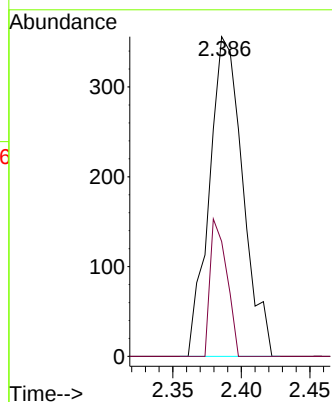
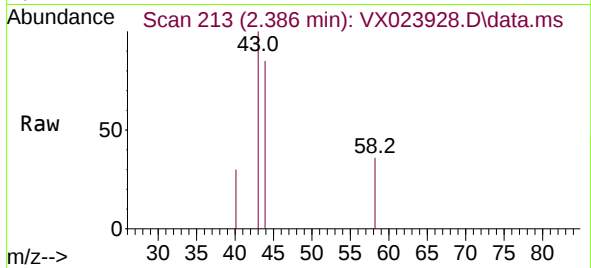




#16
Acetone
Concen: 0.705 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

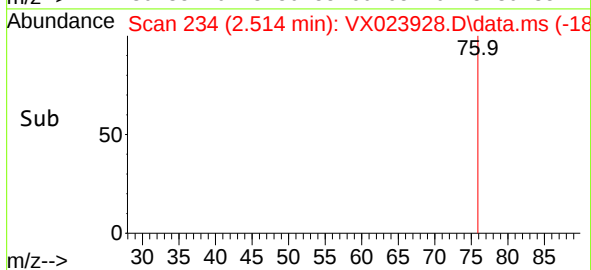
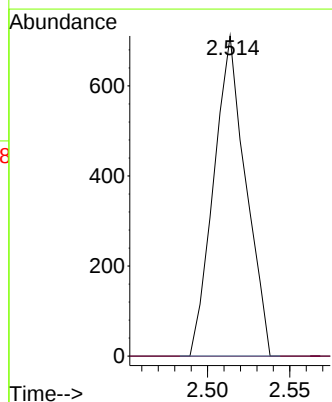
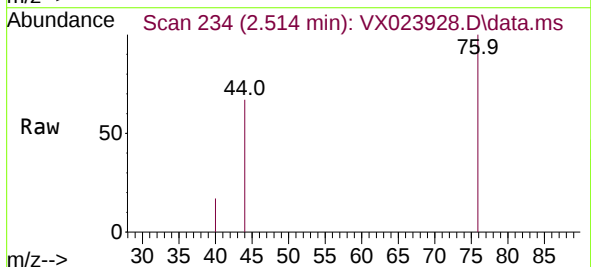
Instrument :
MSVOA_X
ClientSampled :
VX0825MBL01

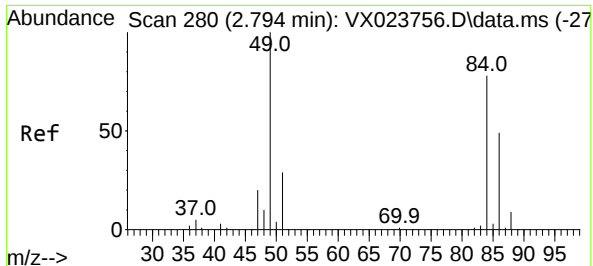
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 76 Resp: 964
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.505 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023928.D

Acq: 25 Aug 2021 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0825MBL01

Tgt Ion: 84 Resp: 827

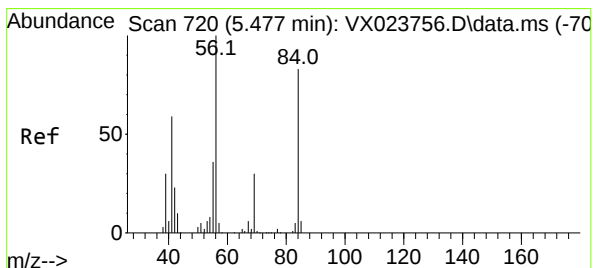
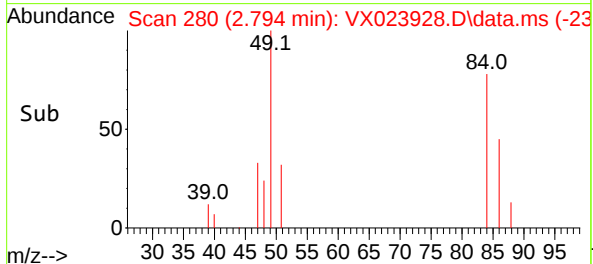
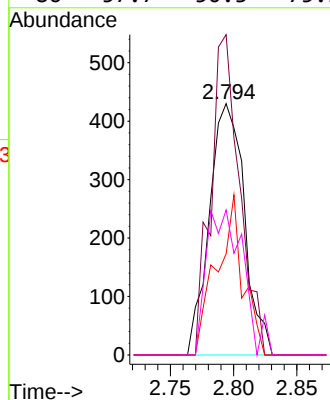
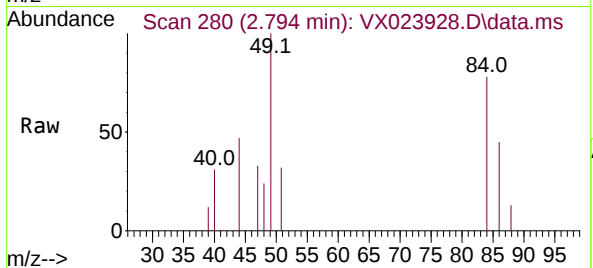
Ion Ratio Lower Upper

84 100

49 127.4 88.6 132.8

51 40.2 27.0 40.6

86 57.7 50.3 75.5



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023928.D

Acq: 25 Aug 2021 10:23

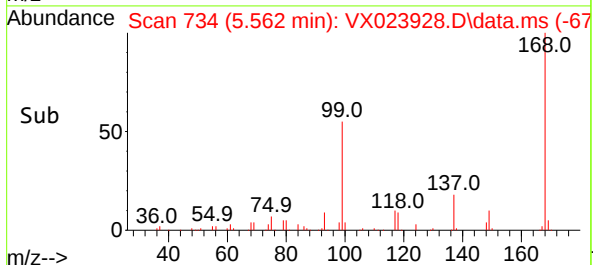
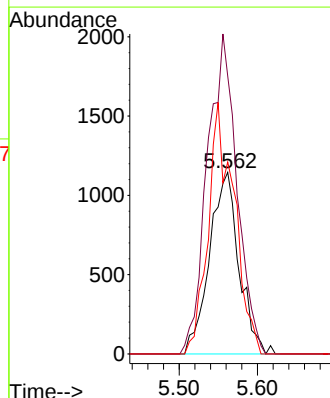
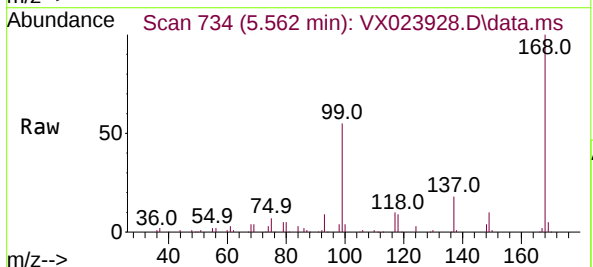
Tgt Ion: 56 Resp: 2999

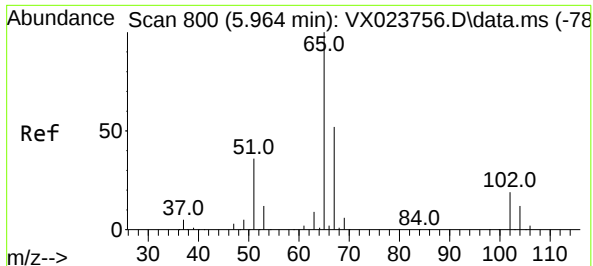
Ion Ratio Lower Upper

56 100

69 153.1 25.3 37.9#

84 105.8 71.4 107.0

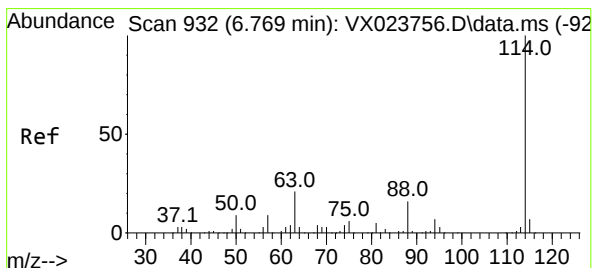
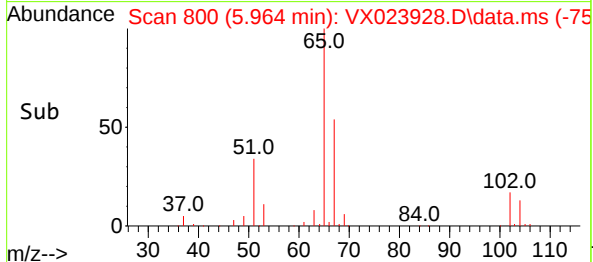
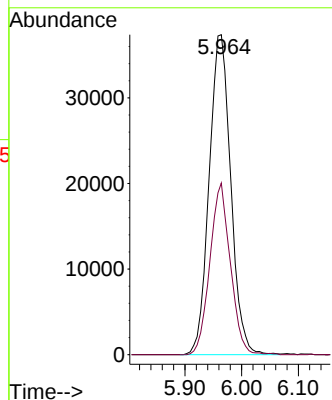
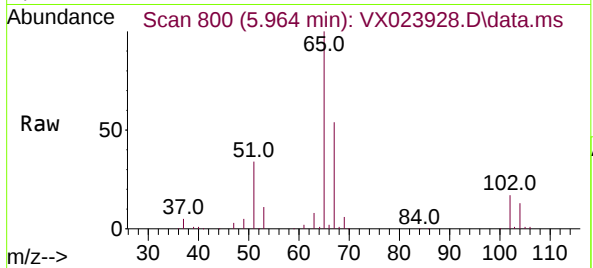




#33
 1,2-Dichloroethane-d4
 Concen: 51.555 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023928.D
 Acq: 25 Aug 2021 10:23

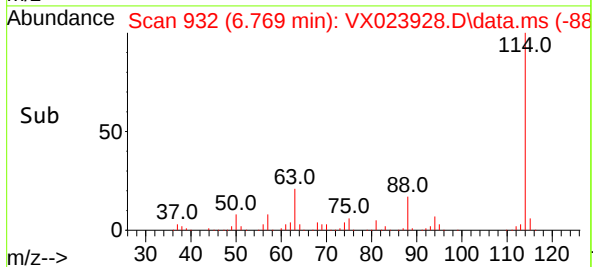
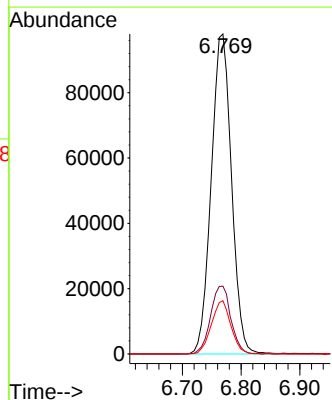
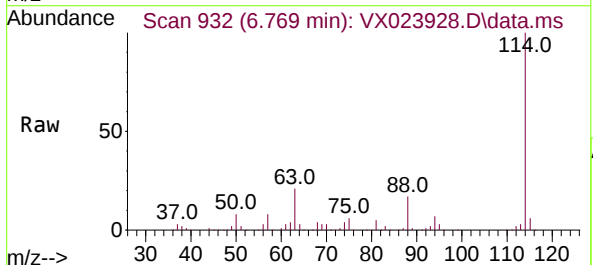
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825MBL01

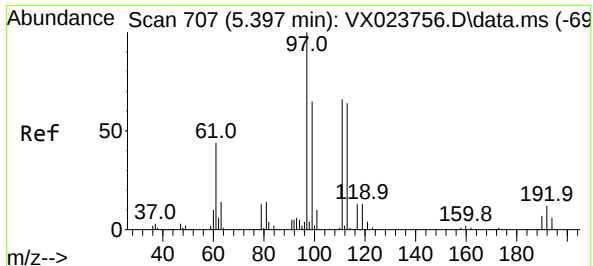
Tgt Ion: 65 Resp: 98911
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX023928.D
 Acq: 25 Aug 2021 10:23

Tgt Ion: 114 Resp: 234616
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.739 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023928.D

Acq: 25 Aug 2021 10:23

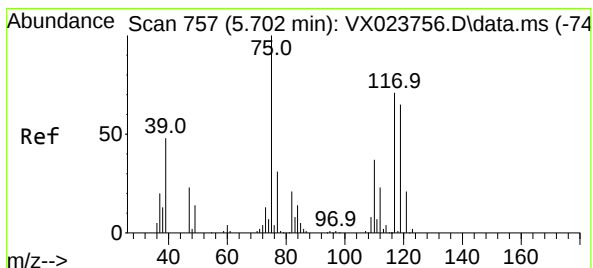
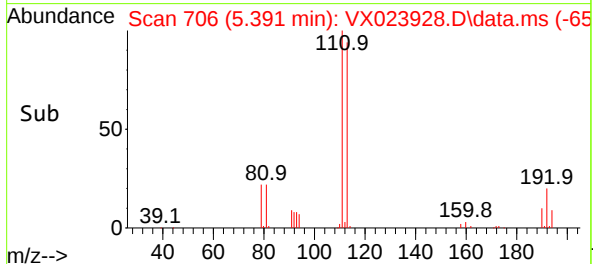
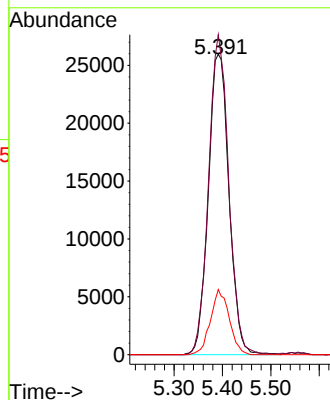
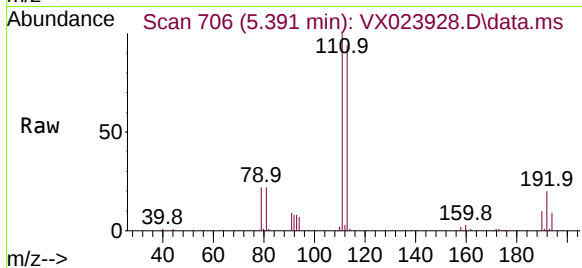
Tgt Ion:113 Resp: 77238

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 19.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023928.D

Acq: 25 Aug 2021 10:23

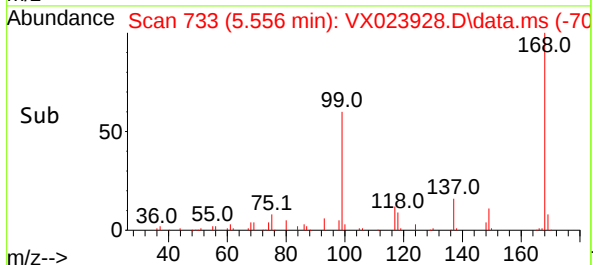
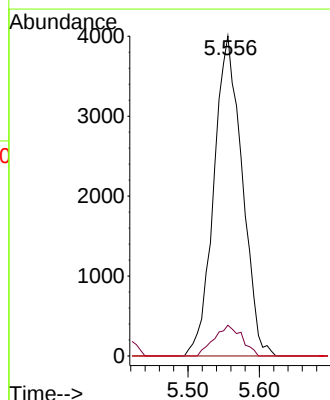
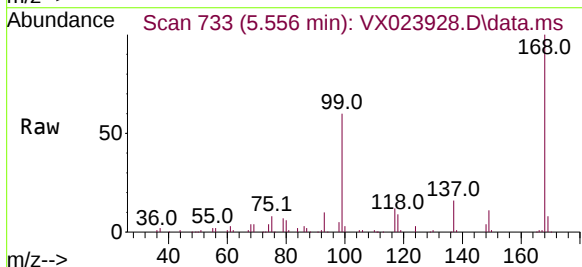
Tgt Ion: 75 Resp: 11002

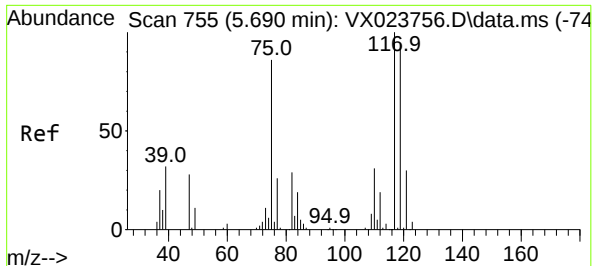
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

77 0.0 25.3 37.9#

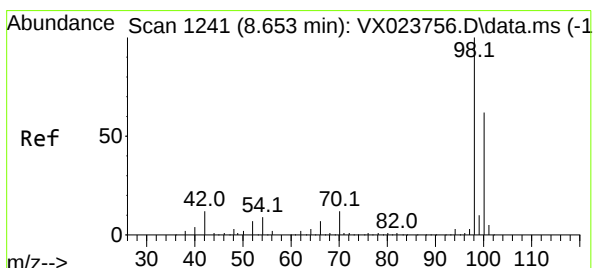
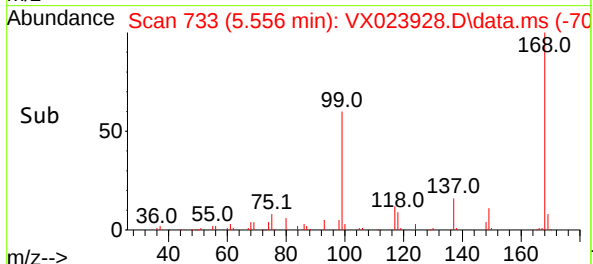
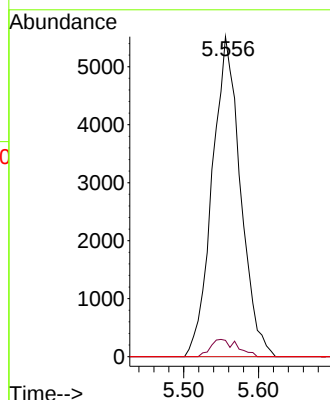
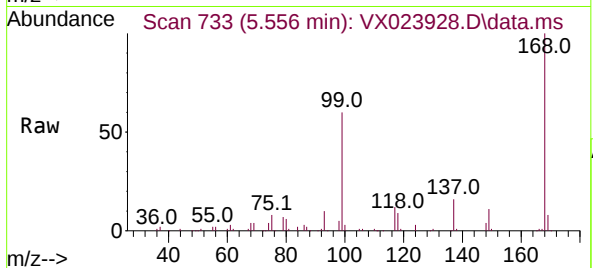




#38
Carbon Tetrachloride
Concen: 6.414 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

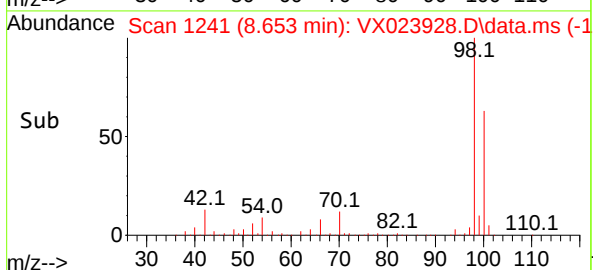
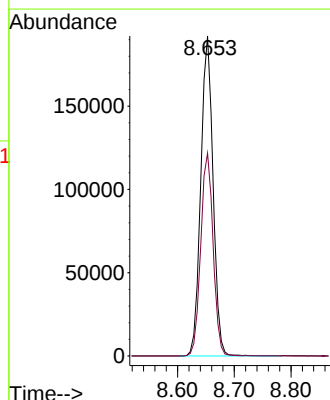
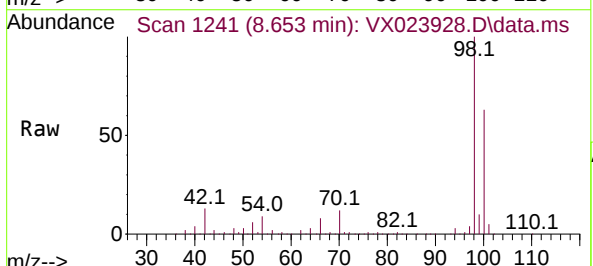
Instrument :
MSVOA_X
ClientSampleId :
VX0825MBL01

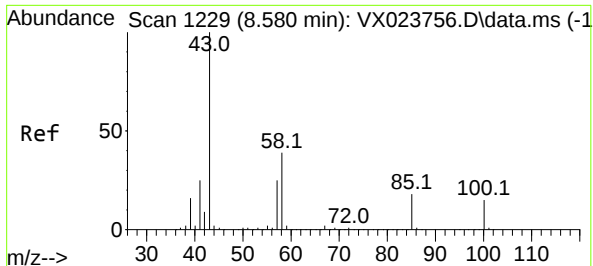
Tgt Ion:117 Resp: 14531
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.791 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 98 Resp: 288367
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

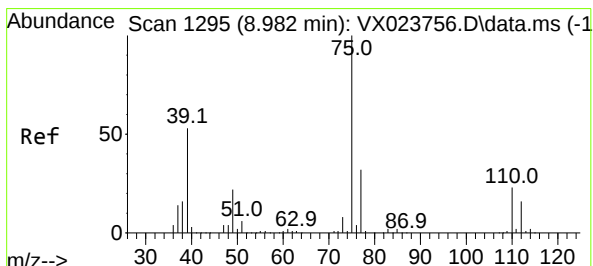
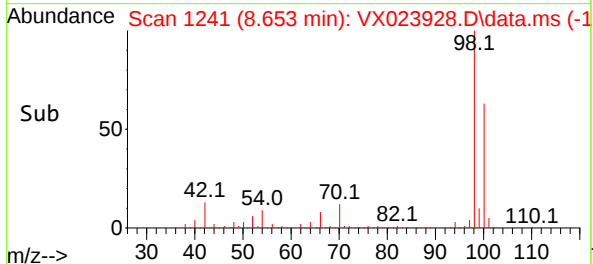
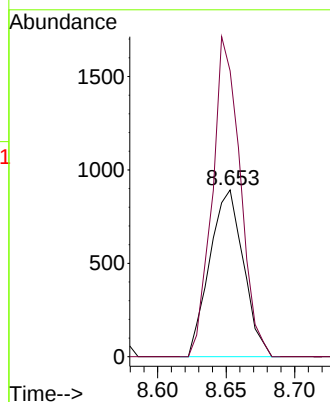
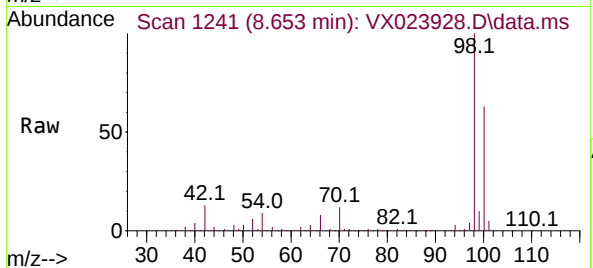




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

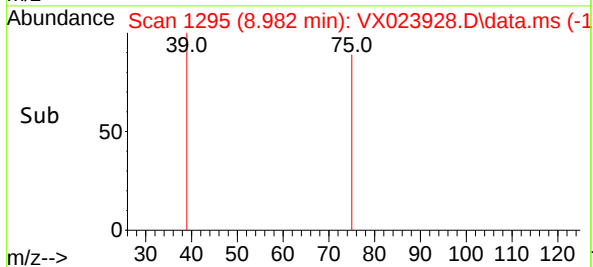
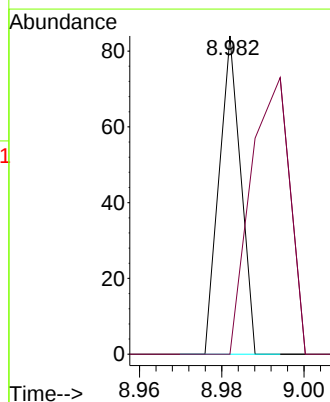
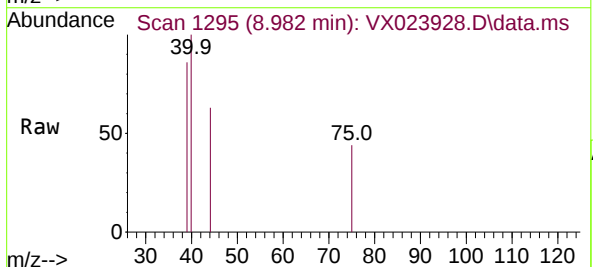
Instrument :
MSVOA_X
ClientSampleId :
VX0825MBL01

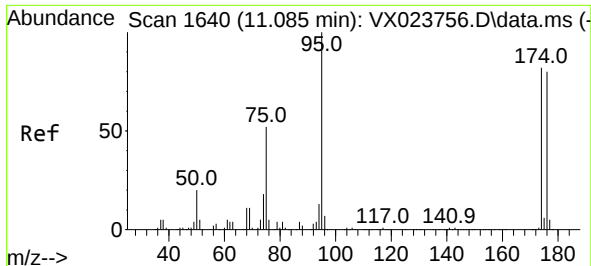
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 158.6 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.148 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 75 Resp: 31
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

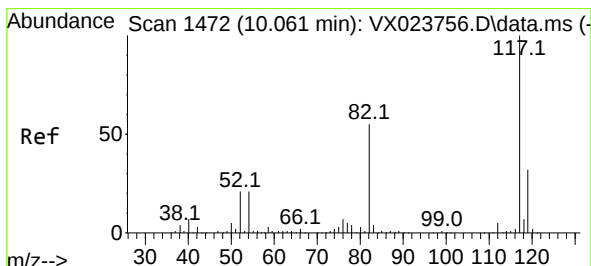
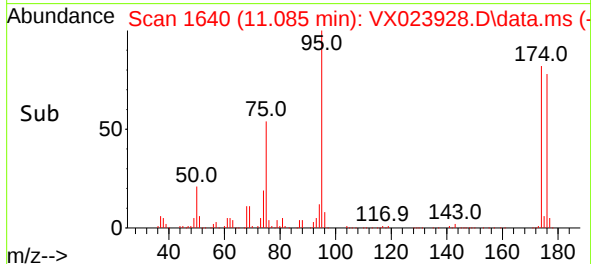
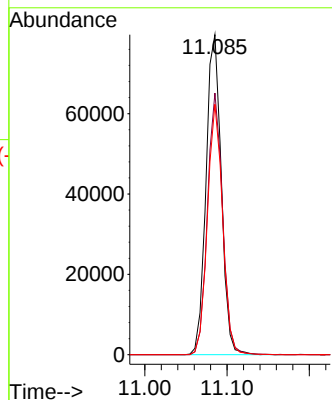
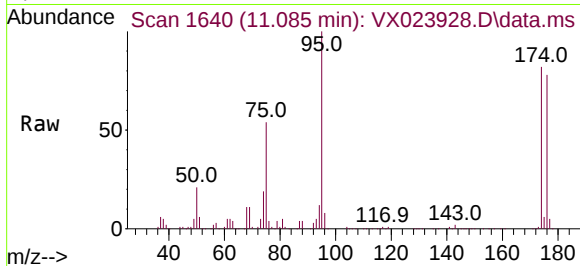




#62
4-Bromofluorobenzene
Concen: 47.161 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

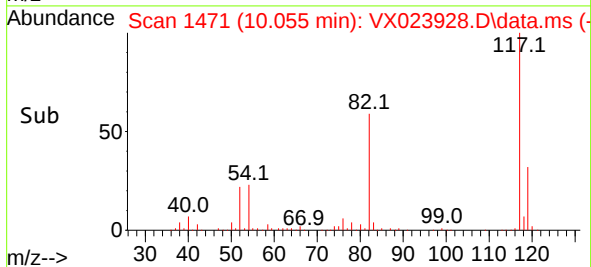
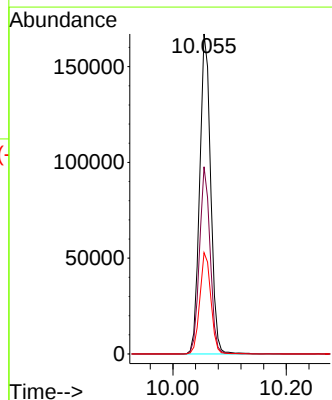
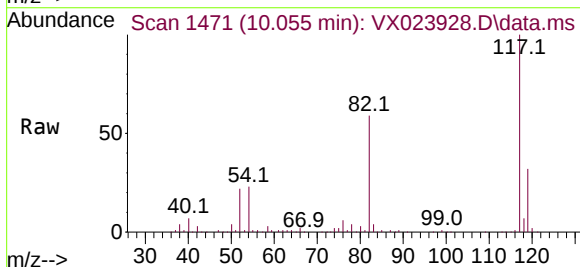
Instrument :
MSVOA_X
ClientSampleId :
VX0825MBL01

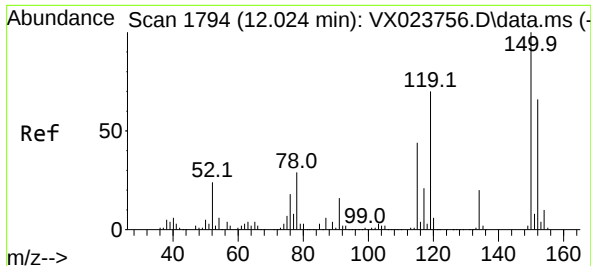
Tgt Ion: 95 Resp: 102609
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 117 Resp: 223824
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.6 26.6 39.8

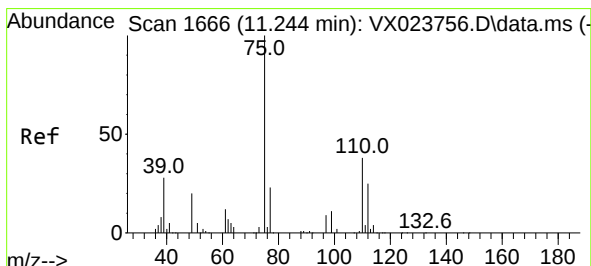
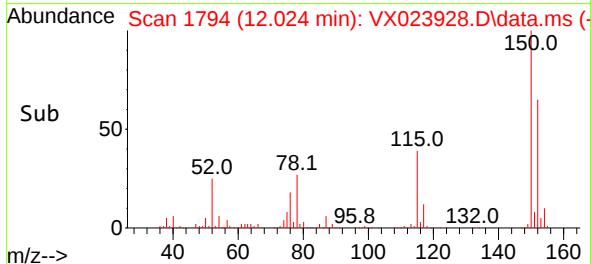
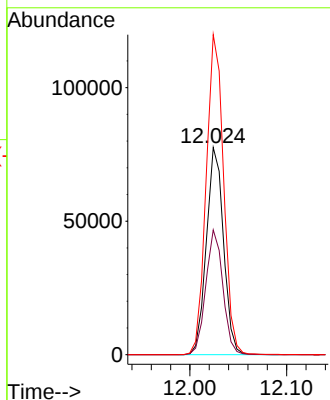
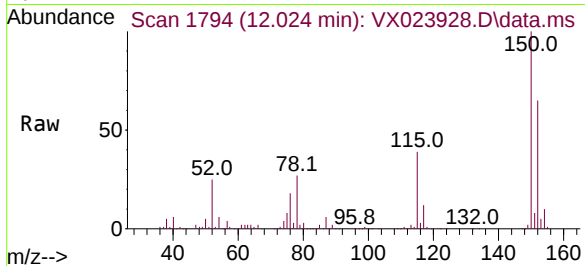




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023928.D
 Acq: 25 Aug 2021 10:23

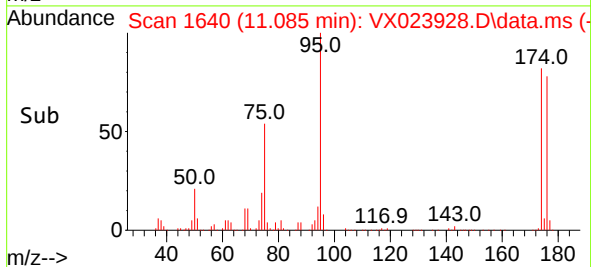
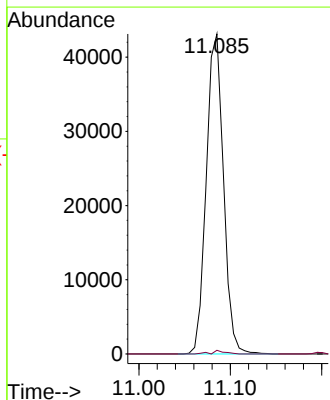
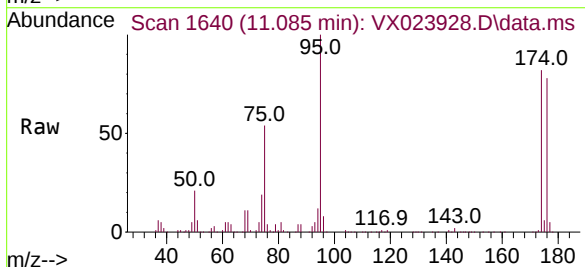
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825MBL01

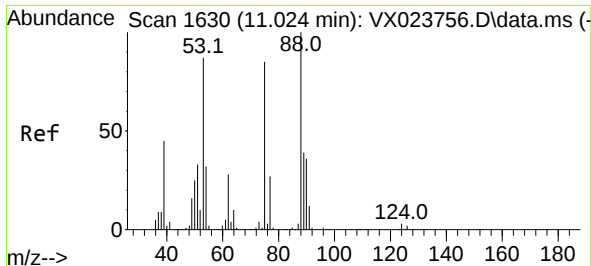
Tgt Ion:152 Resp: 95879
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 156.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.125 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023928.D
 Acq: 25 Aug 2021 10:23

Tgt Ion: 75 Resp: 56195
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

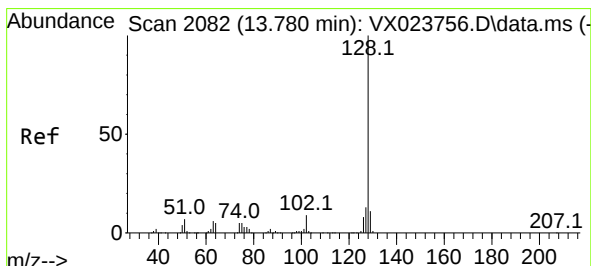
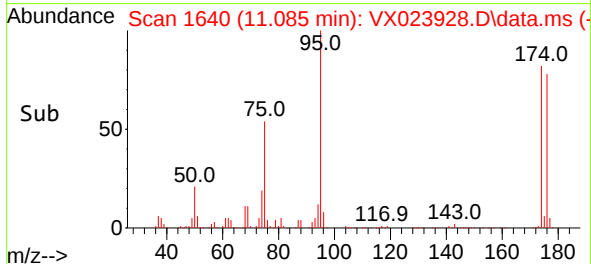
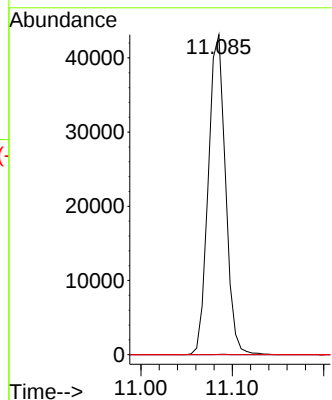
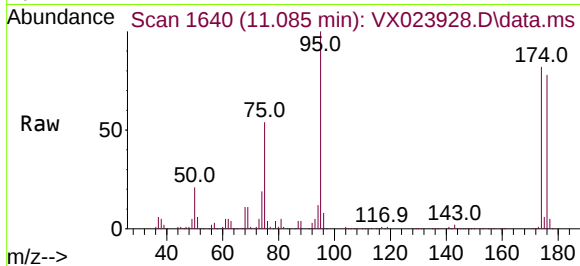




#81
trans-1,4-Dichloro-2-butene
Concen: 73.907 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0825MBL01

Tgt Ion: 75 Resp: 56195
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.326 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023928.D
Acq: 25 Aug 2021 10:23

Tgt Ion: 128 Resp: 313
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

