

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024160.D
 Acq On : 10 Sep 2021 13:01
 Operator : JC/MD
 Sample : M3684-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 04:21:20 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)

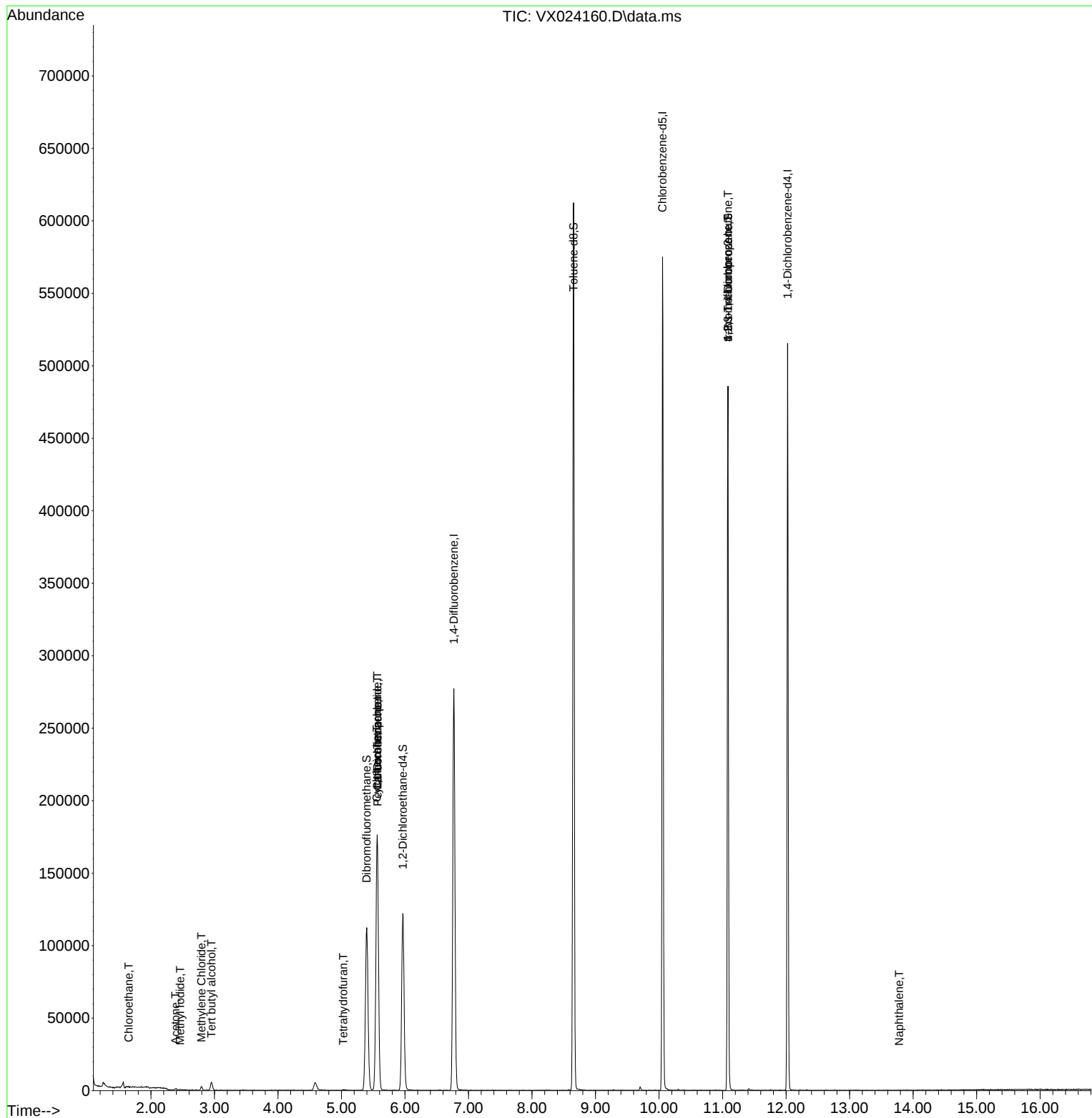
Internal Standards						
1) Pentafluorobenzene	5.568	168	161962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125620	55.572	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	111.140%	
35) Dibromofluoromethane	5.397	113	96619	53.001	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.000%	
50) Toluene-d8	8.653	98	350633	50.536	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.080%	
62) 4-Bromofluorobenzene	11.085	95	122566	47.987	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.980%	
Target Compounds						
						Qvalue
6) Chloroethane	1.648	64	212	2.350	ug/l #	43
10) Methyl Iodide	2.459	142	617	0.273	ug/l #	86
11) Tert butyl alcohol	2.953	59	3444	7.534	ug/l #	73
16) Acetone	2.386	43	1079	1.068	ug/l #	80
20) Methylene Chloride	2.794	84	1053	0.545	ug/l	92
29) Tetrahydrofuran	5.025	42	341	0.344	ug/l #	51
31) Cyclohexane	5.556	56	3531	1.216	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	13344	5.232	ug/l #	49
38) Carbon Tetrachloride	5.562	117	17319	6.512	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	66811	28.093	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66811	82.637	ug/l #	12
95) Naphthalene	13.780	128	162	1.304	ug/l #	69

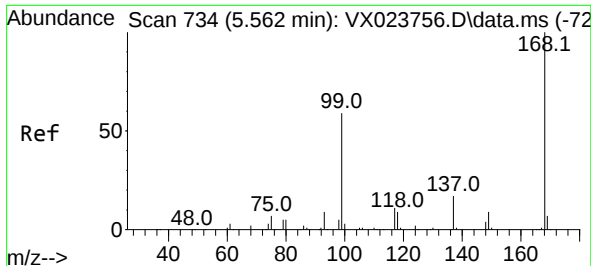
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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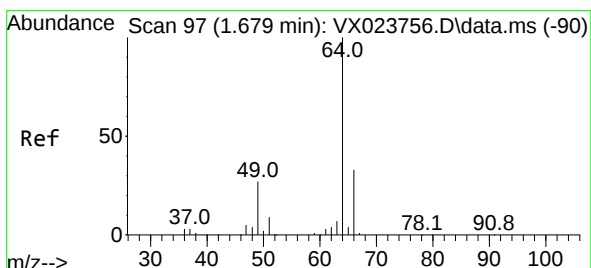
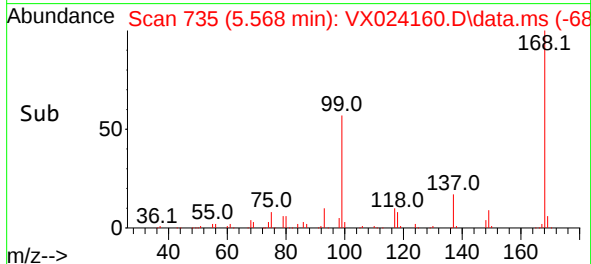
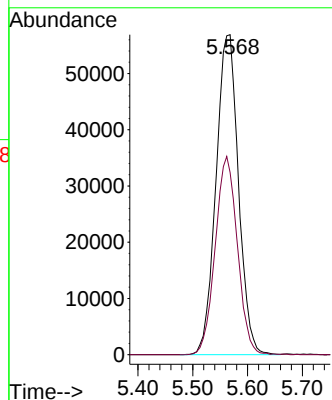
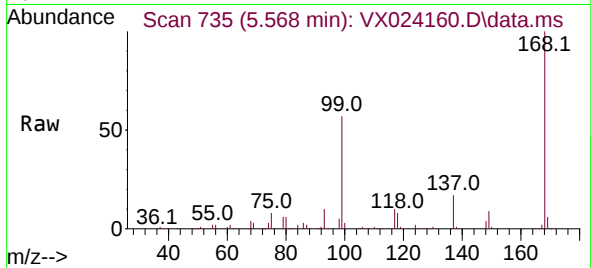




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

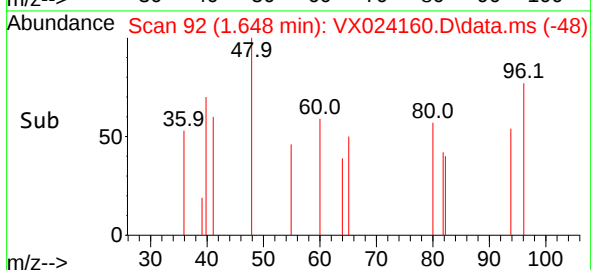
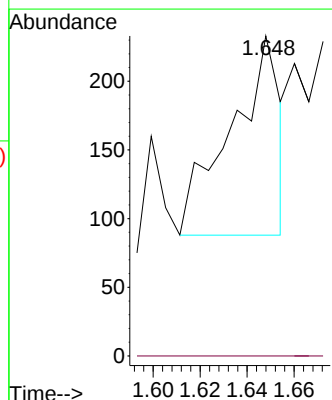
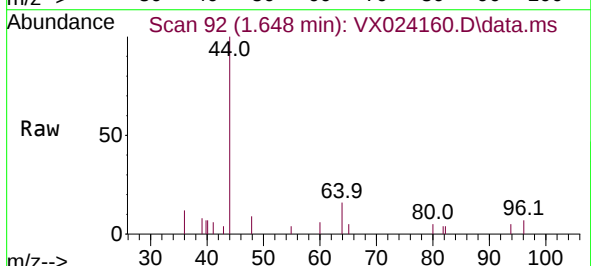
Instrument :
MSVOA_X
ClientSampled :

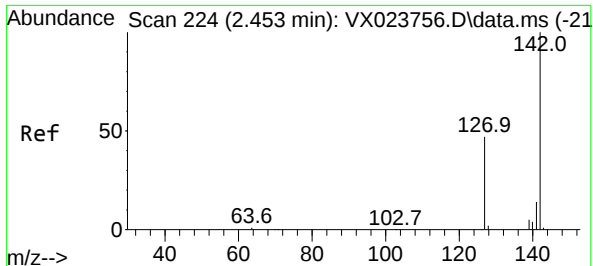
Tgt Ion:168 Resp: 161962
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#6
Chloroethane
Concen: 2.350 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

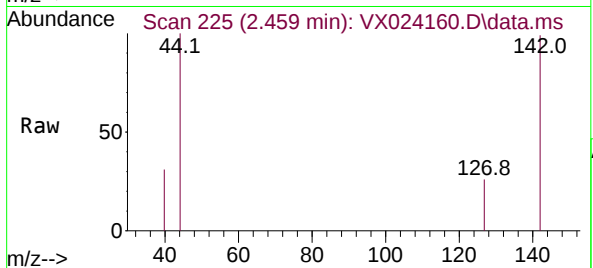
Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



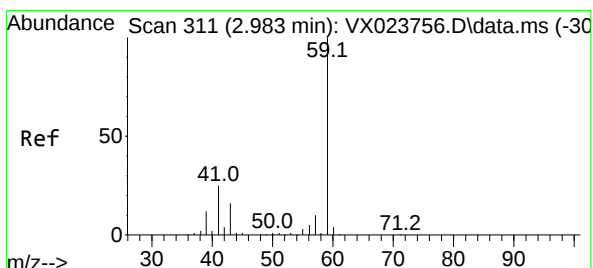
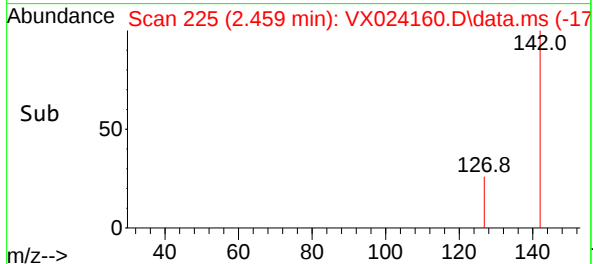
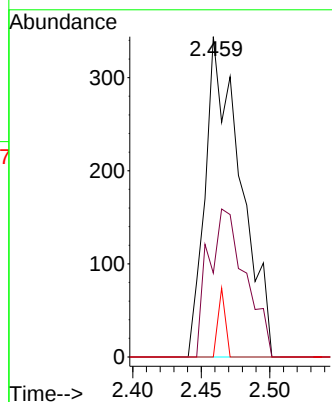


#10
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Instrument :
MSVOA_X
ClientSampleId :

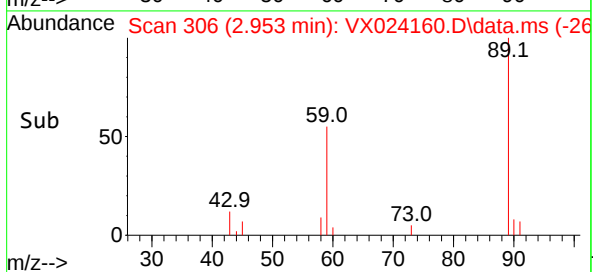
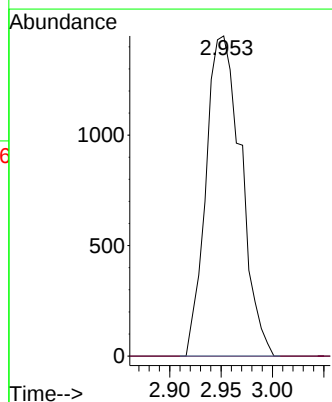
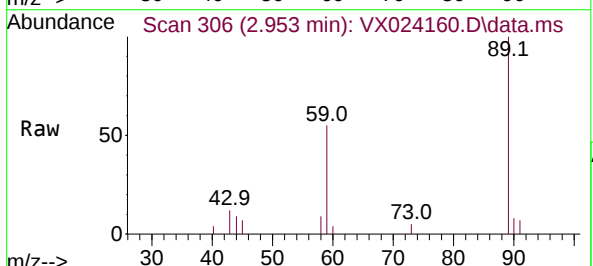


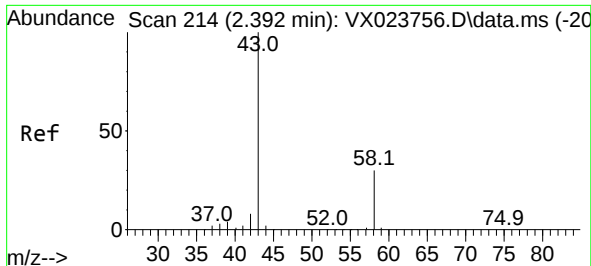
Tgt Ion:142 Resp: 617
Ion Ratio Lower Upper
142 100
127 48.1 33.3 49.9
141 4.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.534 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Tgt Ion: 59 Resp: 3444
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

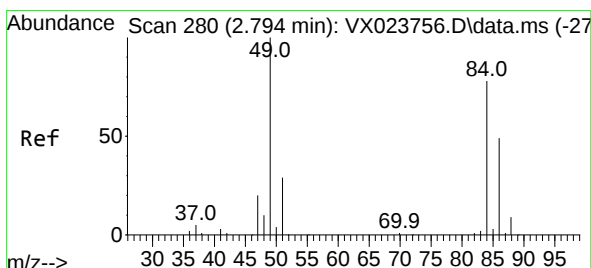
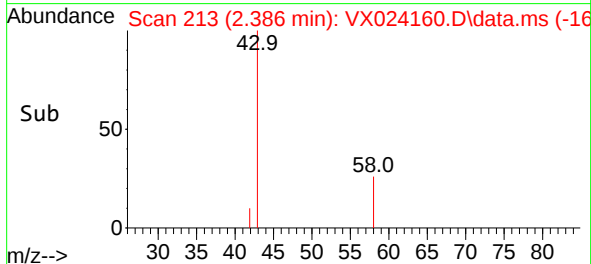
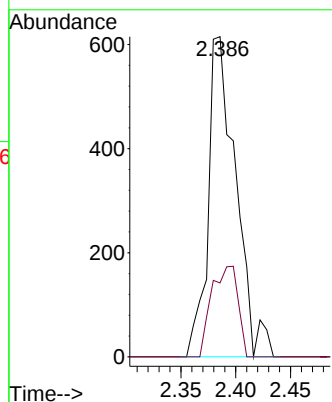
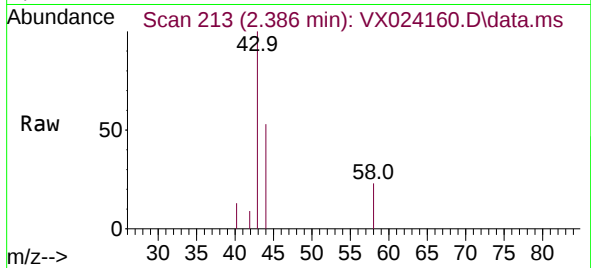




#16
Acetone
Concen: 1.068 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

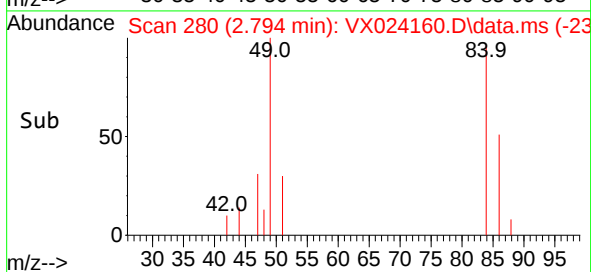
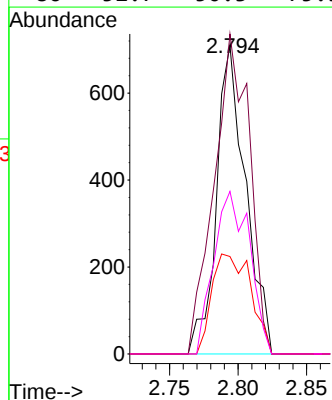
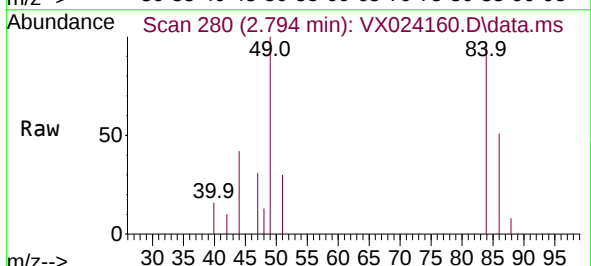
Instrument :
MSVOA_X
ClientSampled :

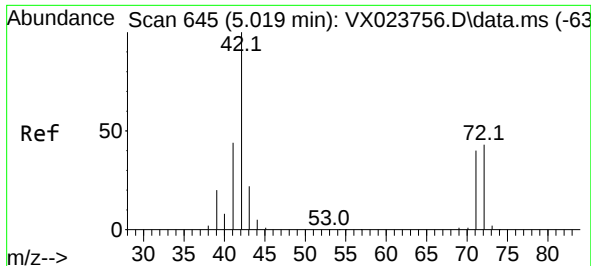
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 23.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.545 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Tgt Ion: 84 Resp: 1053
Ion Ratio Lower Upper
84 100
49 103.7 88.6 132.8
51 31.5 27.0 40.6
86 52.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.344 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX024160.D

Acq: 10 Sep 2021 13:01

Tgt Ion: 42 Resp: 341

Ion Ratio Lower Upper

42 100

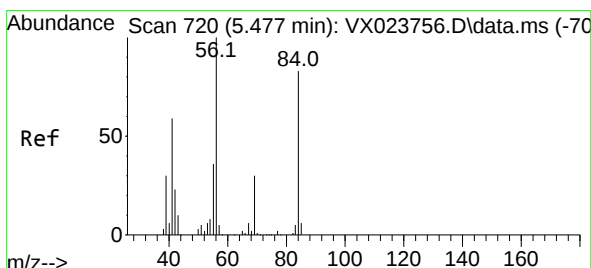
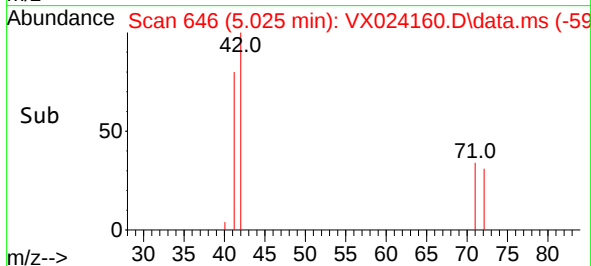
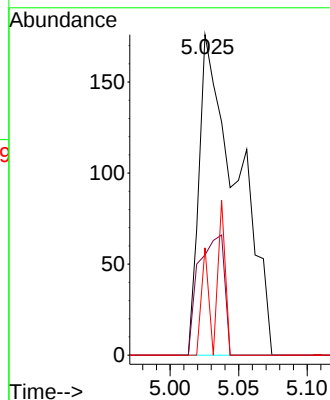
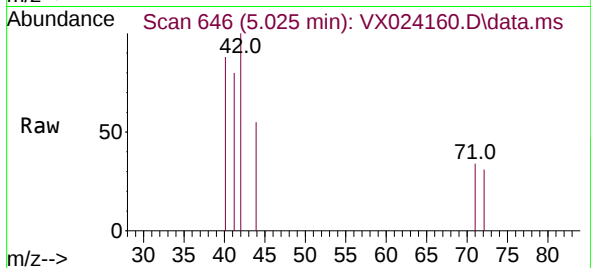
72 25.2 41.7 62.5#

71 6.5 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024160.D

Acq: 10 Sep 2021 13:01

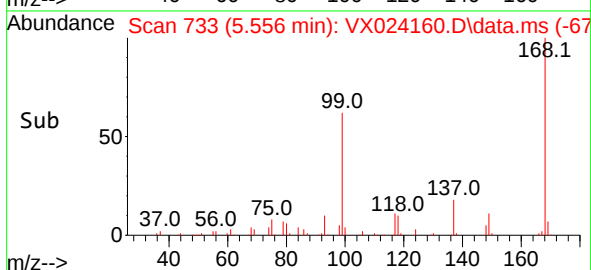
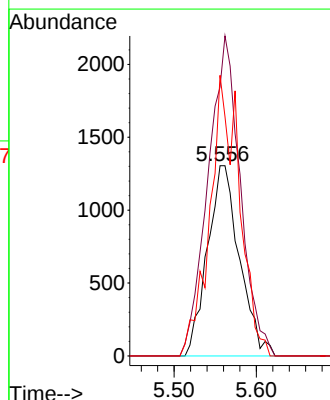
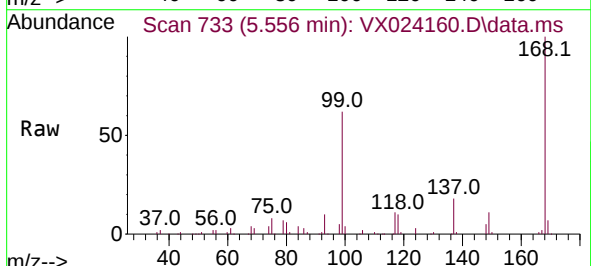
Tgt Ion: 56 Resp: 3531

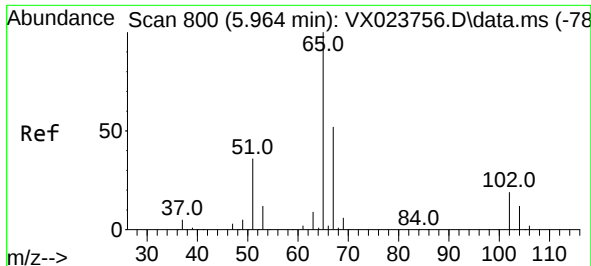
Ion Ratio Lower Upper

56 100

69 141.4 25.3 37.9#

84 147.5 71.4 107.0#

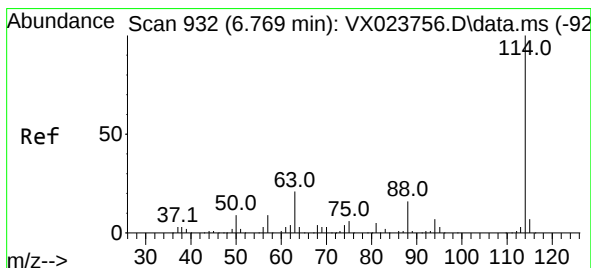
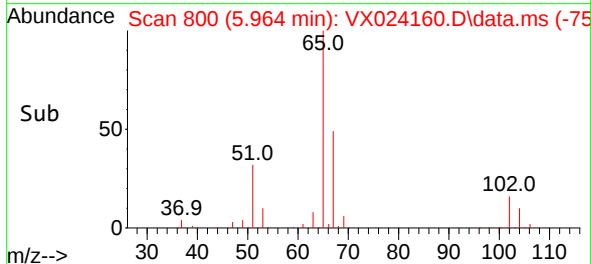
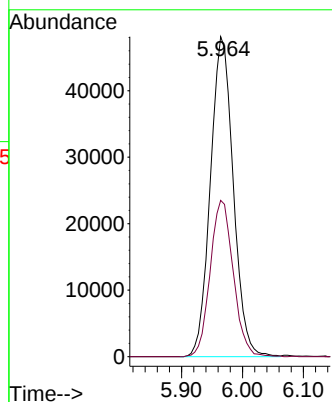
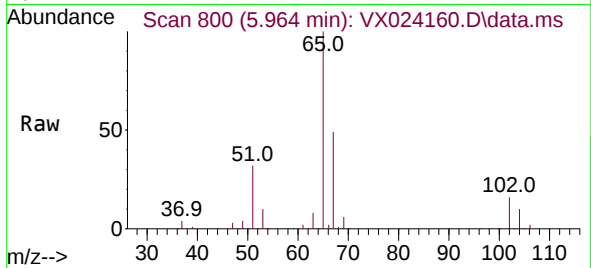




#33
 1,2-Dichloroethane-d4
 Concen: 55.572 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX024160.D
 Acq: 10 Sep 2021 13:01

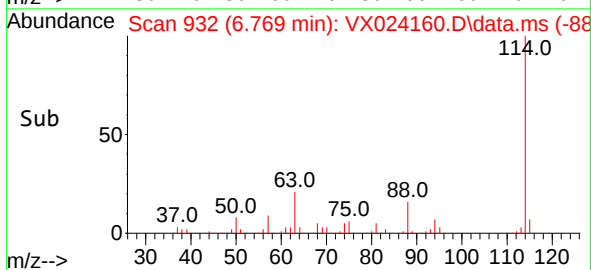
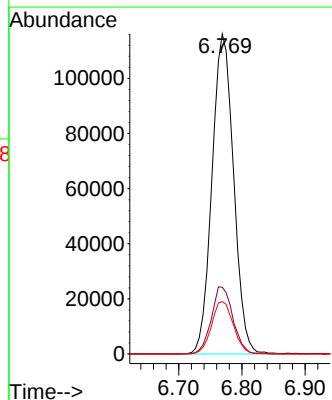
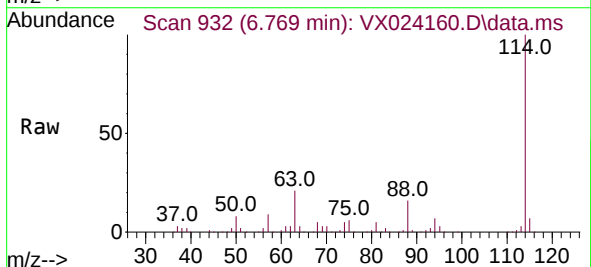
Instrument :
 MSVOA_X
 ClientSampled :

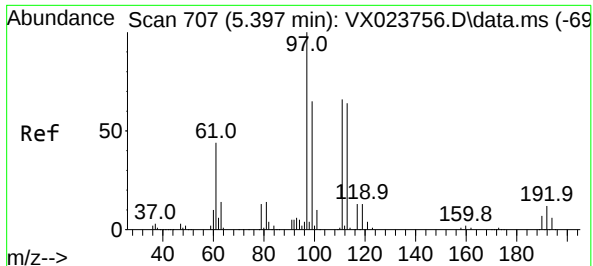
Tgt Ion: 65 Resp: 125620
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX024160.D
 Acq: 10 Sep 2021 13:01

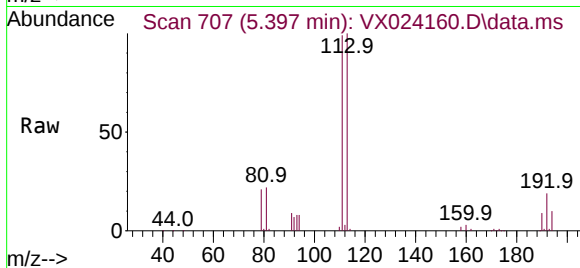
Tgt Ion: 114 Resp: 275423
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.3 0.0 32.8



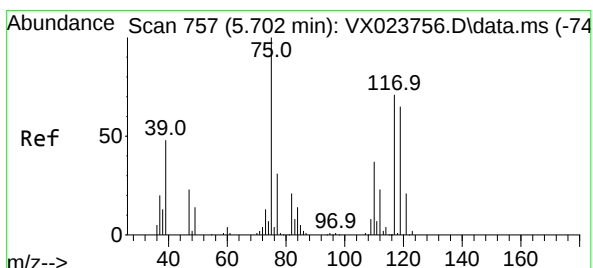
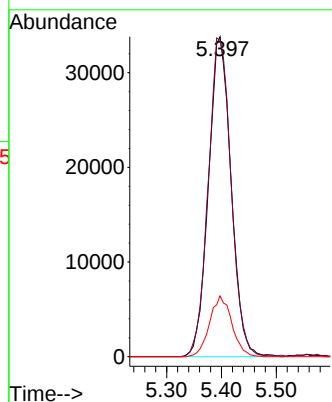
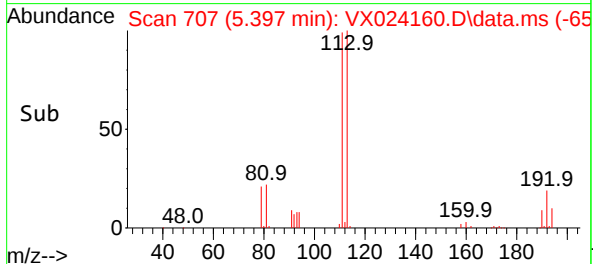


#35
Dibromofluoromethane
Concen: 53.001 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

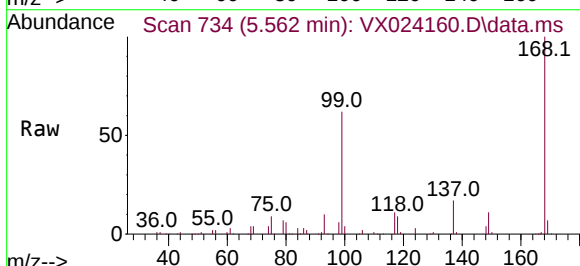
Instrument :
MSVOA_X
ClientSampleId :



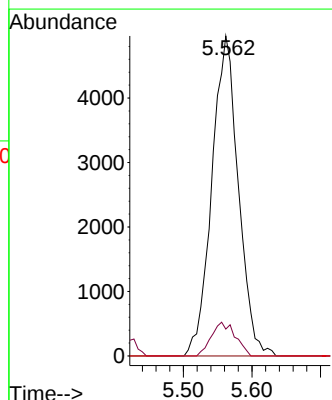
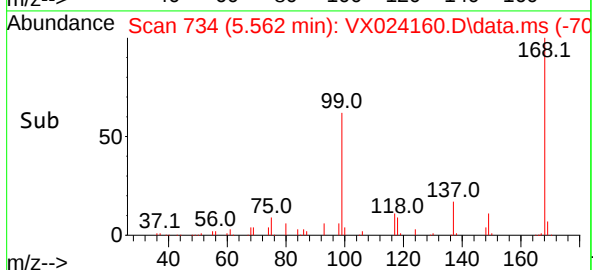
Tgt Ion:113 Resp: 96619
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 18.7 16.7 25.1

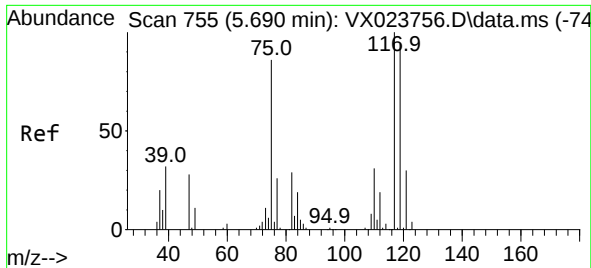


#36
1,1-Dichloropropene
Concen: 5.232 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01



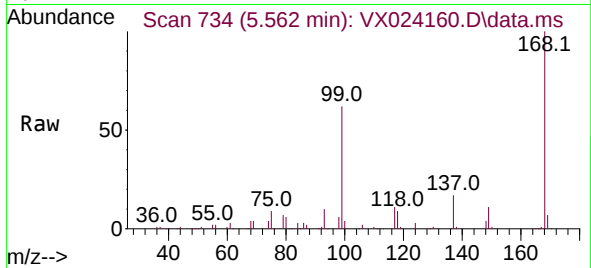
Tgt Ion: 75 Resp: 13344
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



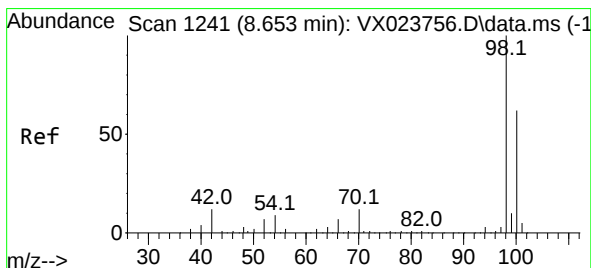
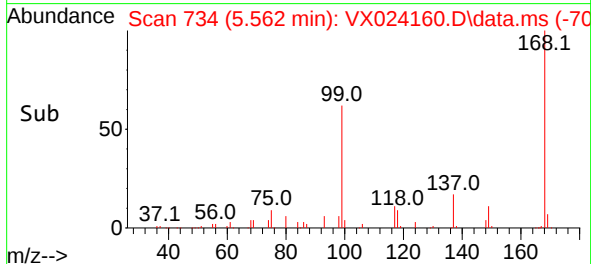
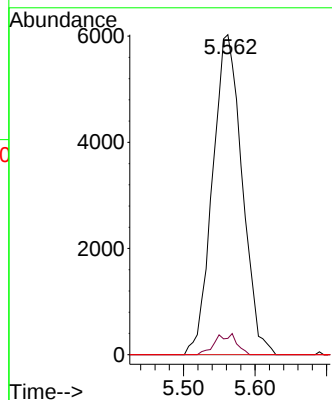


#38
Carbon Tetrachloride
Concen: 6.512 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Instrument :
MSVOA_X
ClientSampled :

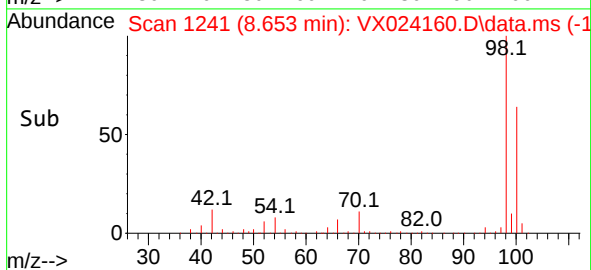
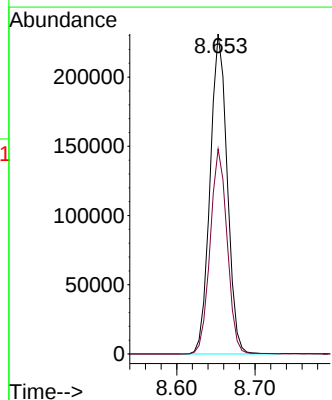
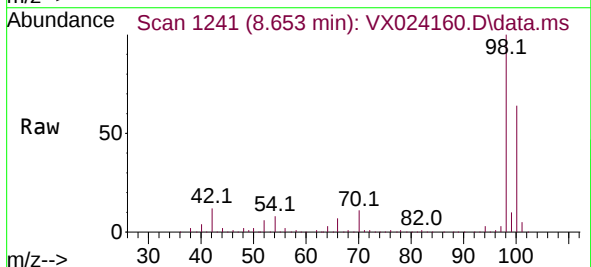


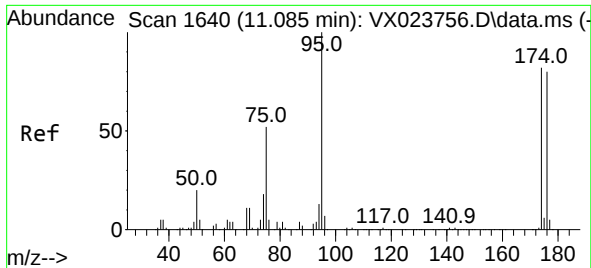
Tgt Ion:117 Resp: 17319
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Tgt Ion: 98 Resp: 350633
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

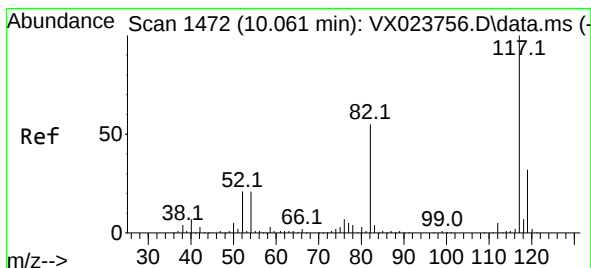
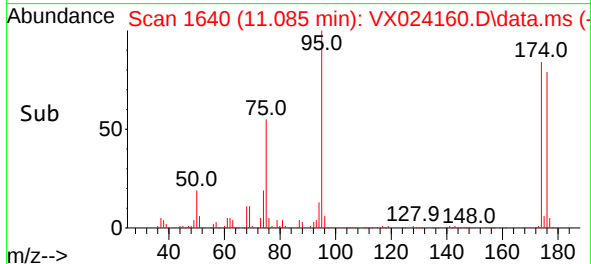
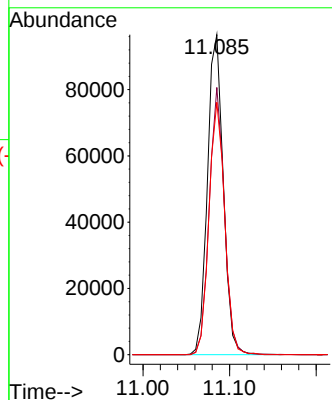
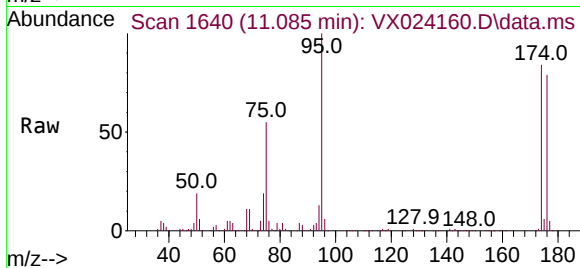




#62
4-Bromofluorobenzene
Concen: 47.987 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

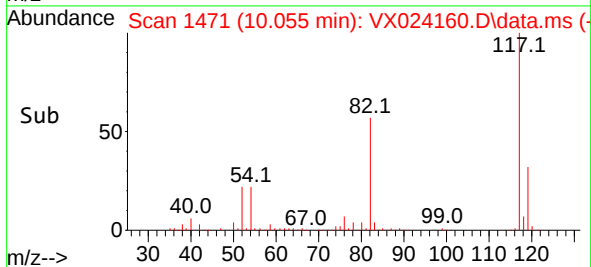
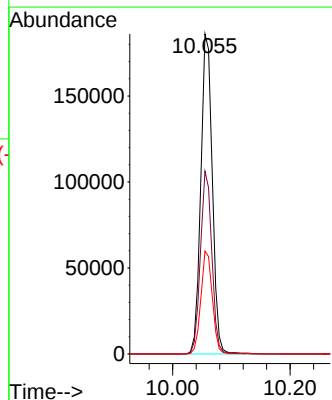
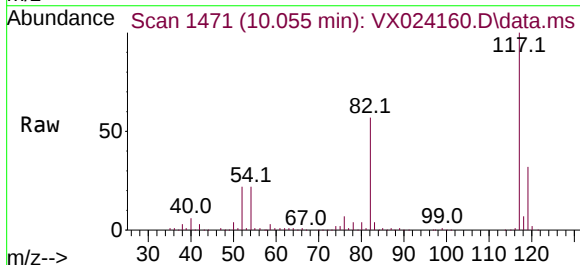
Instrument :
MSVOA_X
ClientSampleId :

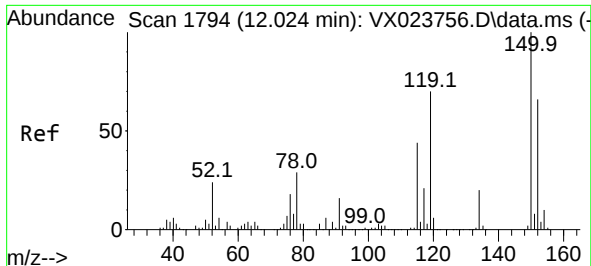
Tgt Ion: 95 Resp: 122566
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Tgt Ion: 117 Resp: 253713
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.2 26.6 39.8

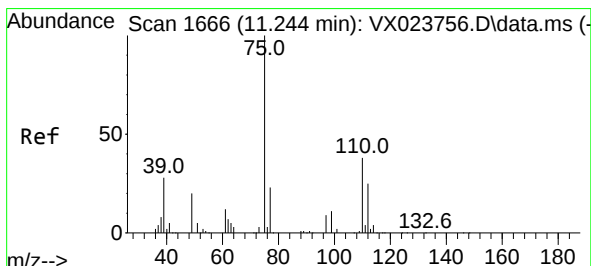
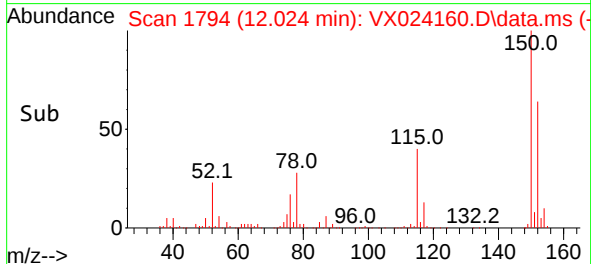
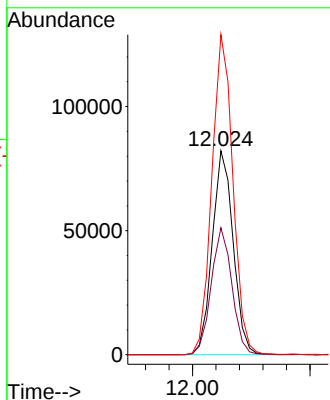
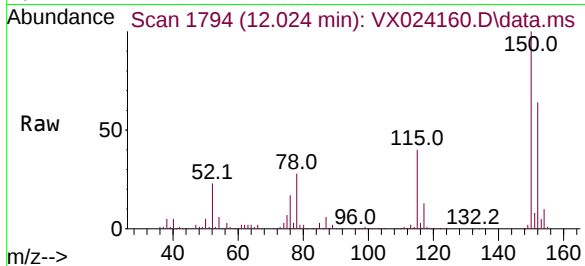




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024160.D
 Acq: 10 Sep 2021 13:01

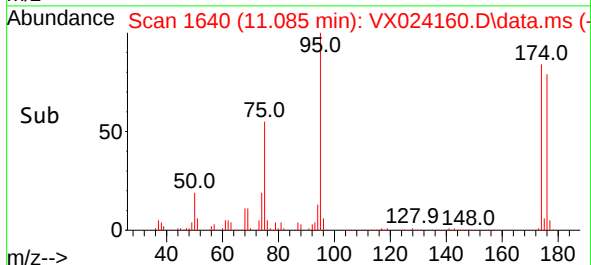
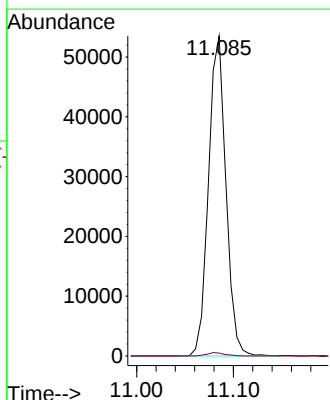
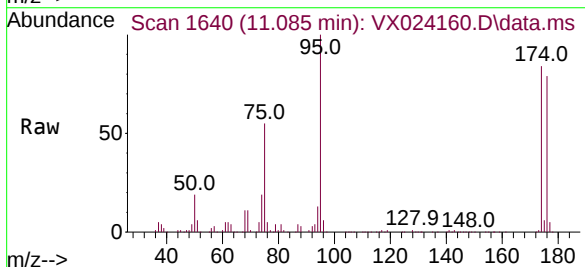
Instrument :
 MSVOA_X
 ClientSampled :

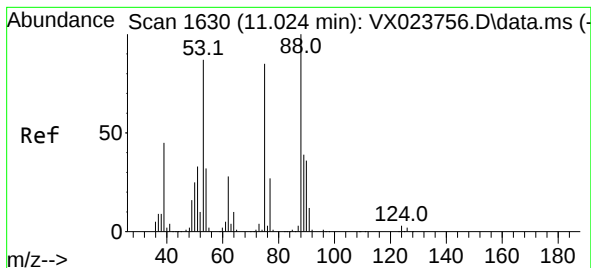
Tgt Ion:152 Resp: 101949
 Ion Ratio Lower Upper
 152 100
 115 61.5 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.093 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024160.D
 Acq: 10 Sep 2021 13:01

Tgt Ion: 75 Resp: 66811
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

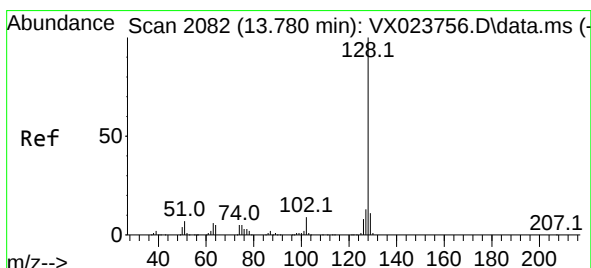
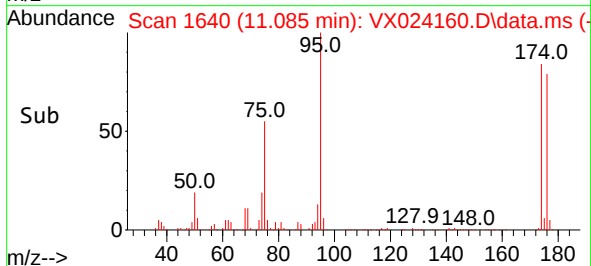
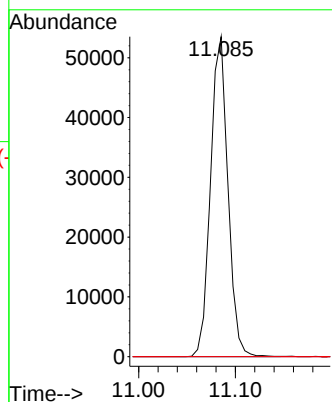
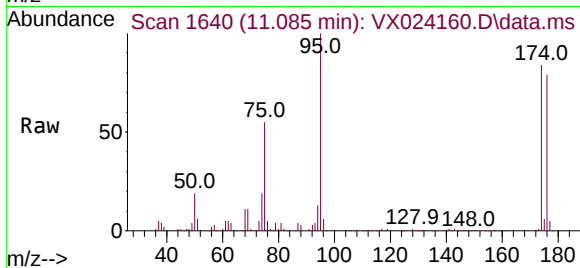




#81
trans-1,4-Dichloro-2-butene
Concen: 82.637 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 66811
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.304 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024160.D
Acq: 10 Sep 2021 13:01

Tgt Ion: 128 Resp: 162
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

