

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023843.D
 Acq On : 19 Aug 2021 17:24
 Operator : JC/MD
 Sample : VX0820WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBL01

Quant Time: Aug 20 03:14:27 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)

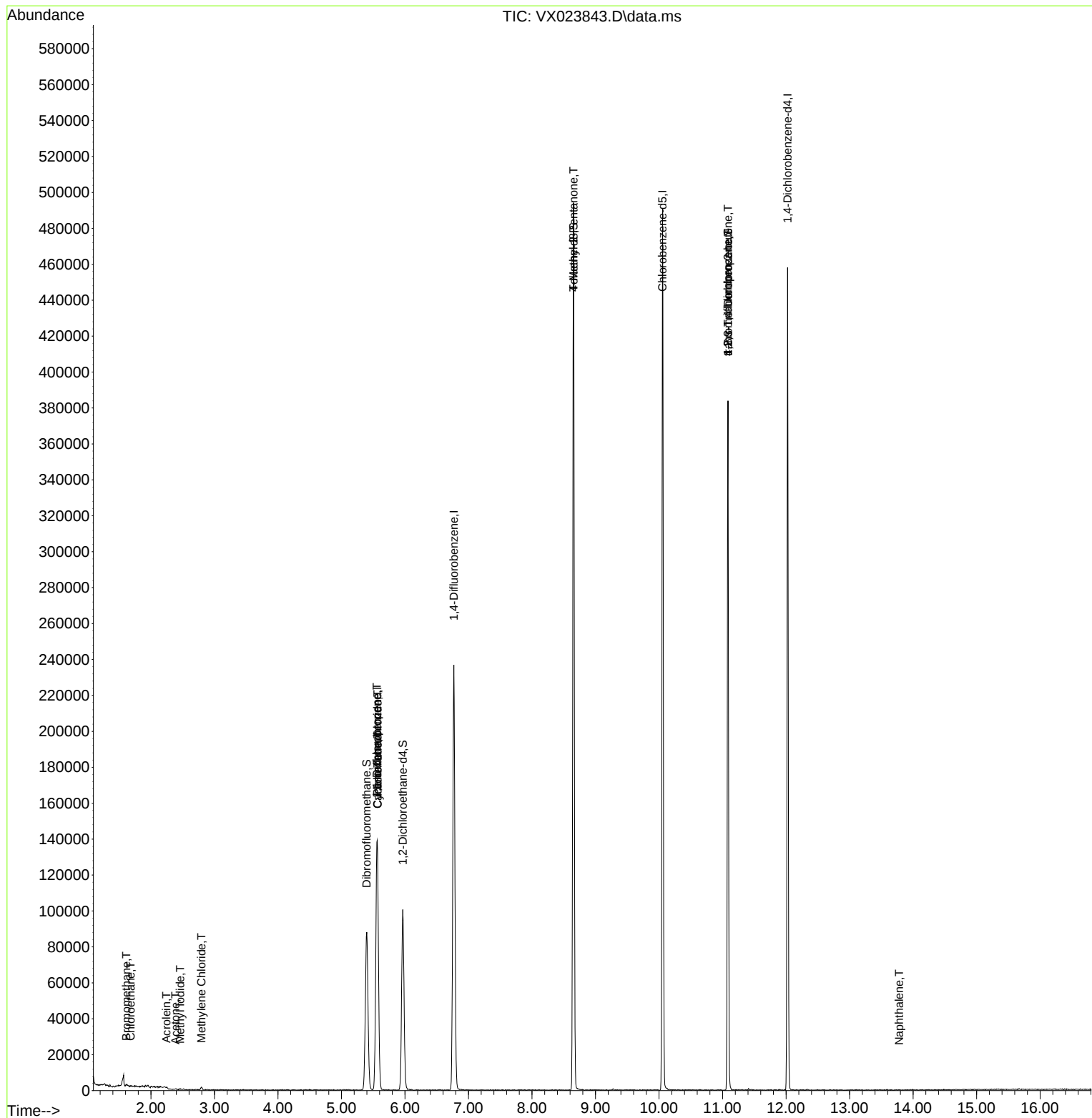
Internal Standards						
1) Pentafluorobenzene	5.562	168	133769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97064	51.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.980%
35) Dibromofluoromethane	5.397	113	75574	49.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	8.653	98	283723	49.224	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.085	95	96189	45.333	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	599	0.631	ug/l	94
6) Chloroethane	1.678	64	154	2.334	ug/l #	43
10) Methyl Iodide	2.459	142	514	0.275	ug/l #	79
13) Acrolein	2.239	56	83	0.369	ug/l	88
16) Acetone	2.386	43	715	0.857	ug/l #	81
20) Methylene Chloride	2.794	84	709	0.445	ug/l #	74
31) Cyclohexane	5.568	56	3165	1.320	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	10292	4.857	ug/l #	46
38) Carbon Tetrachloride	5.568	117	13969	6.322	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1305	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51696	24.705	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51696	72.670	ug/l #	12
95) Naphthalene	13.780	128	194	1.311	ug/l #	69

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

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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
VX0820WBL01

Quant Time: Aug 20 03:14:27 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

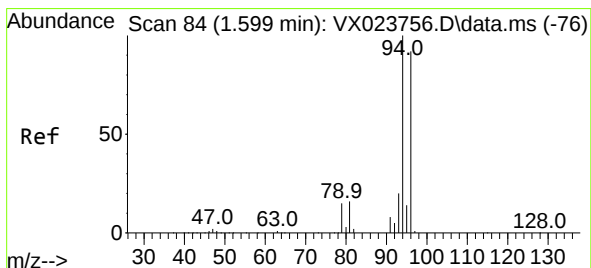
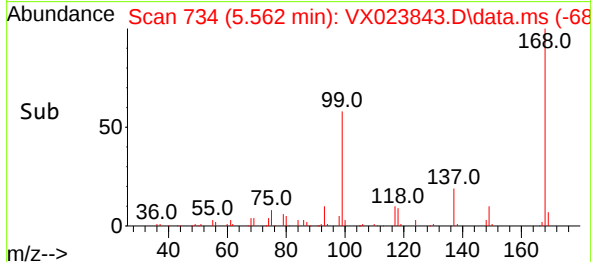
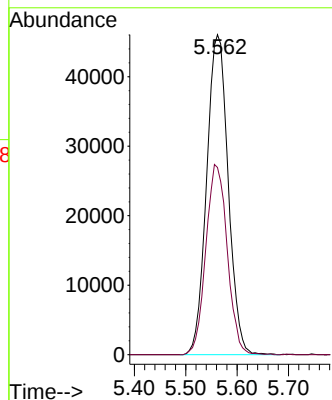
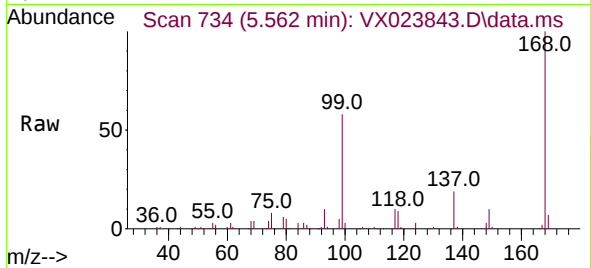




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

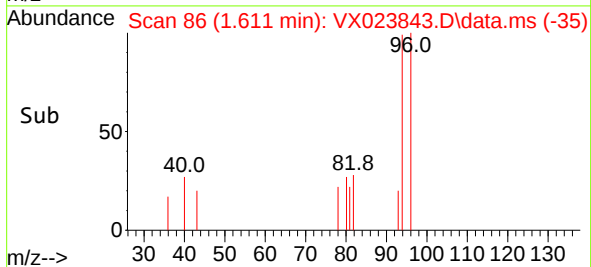
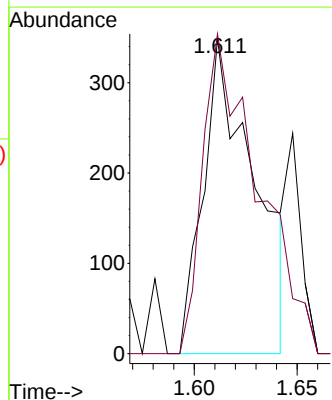
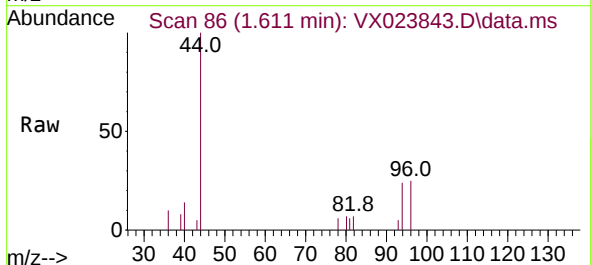
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

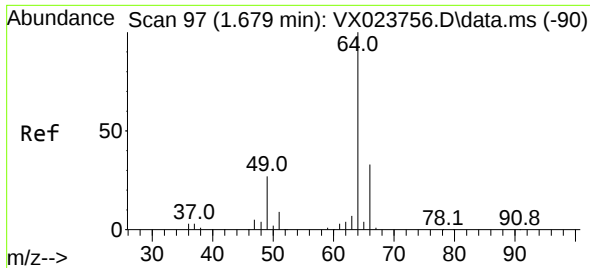
Tgt Ion:168 Resp: 133769
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.631 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 101.4 76.4 114.6

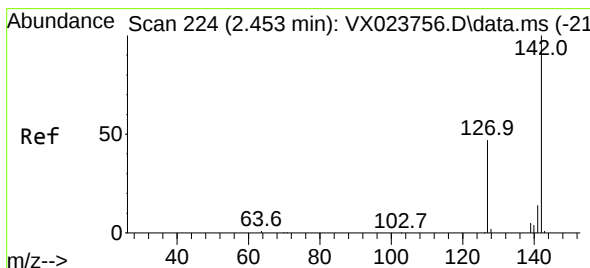
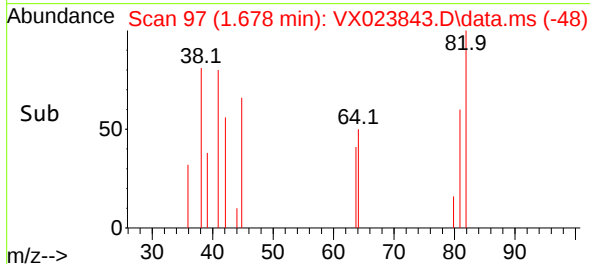
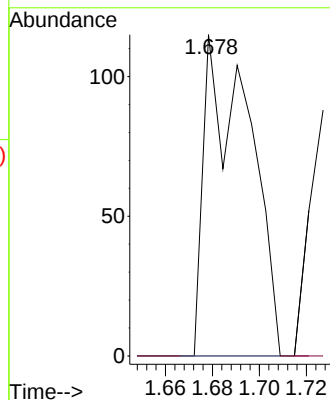
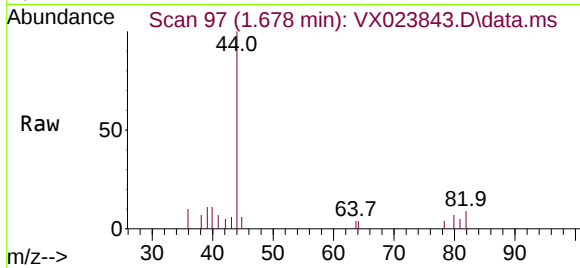




#6
Chloroethane
Concen: 2.334 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

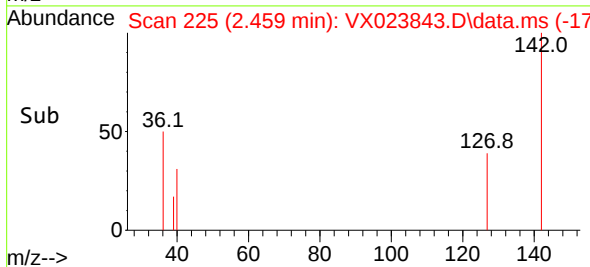
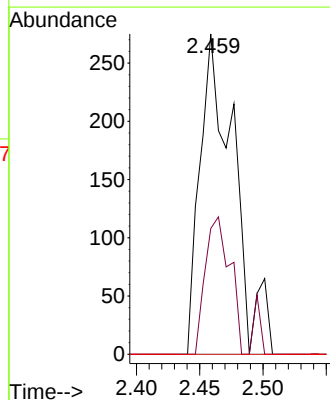
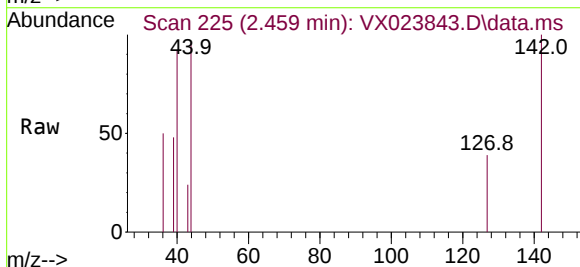
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

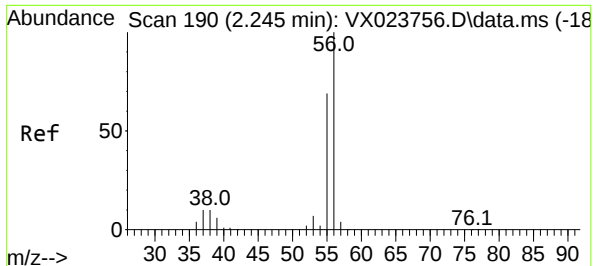
Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.275 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Tgt Ion: 142 Resp: 514
Ion Ratio Lower Upper
142 100
127 31.3 33.3 49.9#
141 0.0 11.4 17.0#

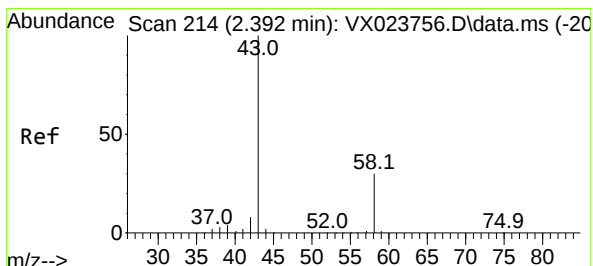
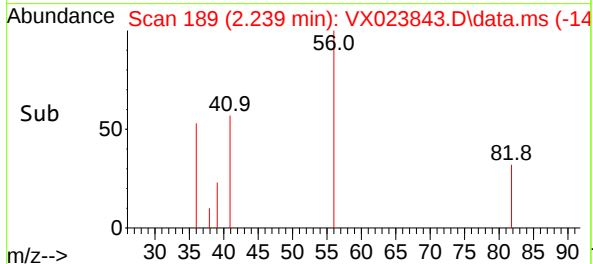
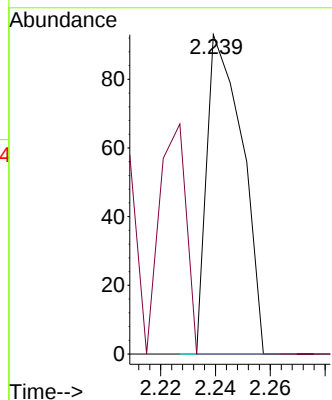
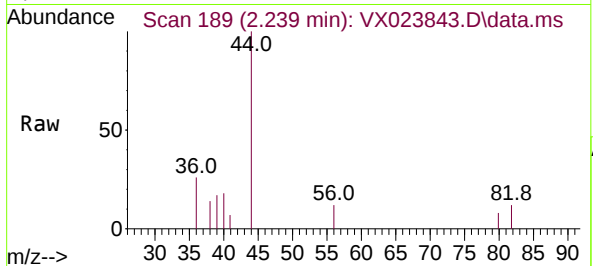




#13
Acrolein
Concen: 0.369 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

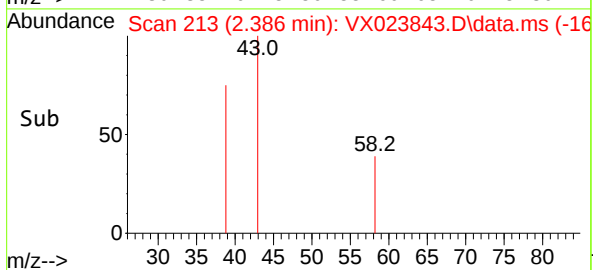
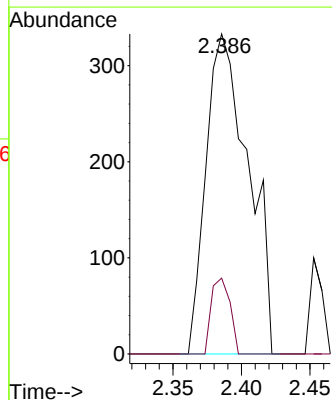
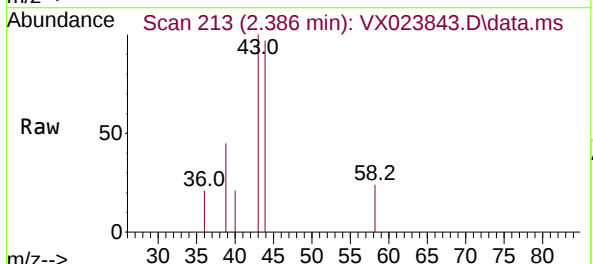
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

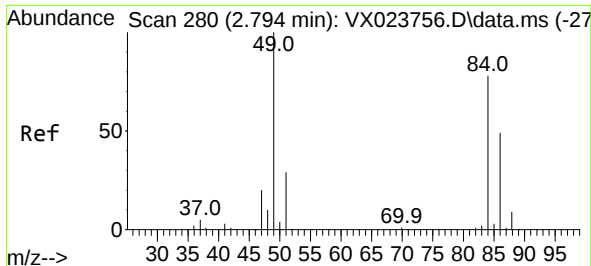
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 80.7 56.4 84.6



#16
Acetone
Concen: 0.857 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

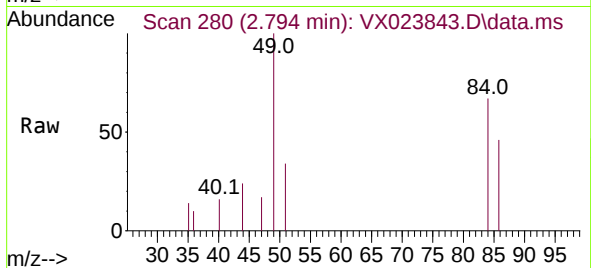
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 23.7 27.8 41.8#



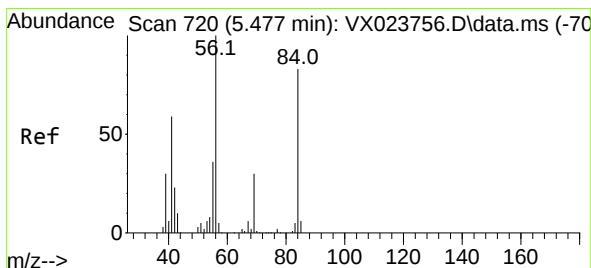
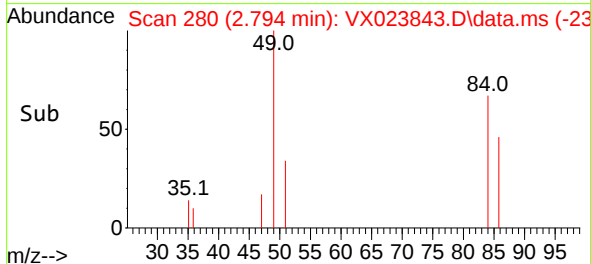
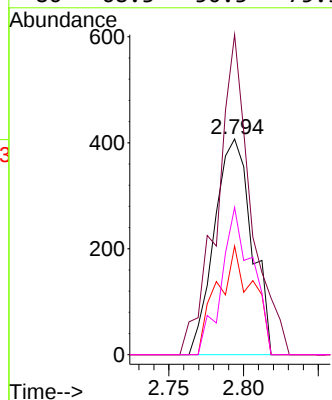


#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

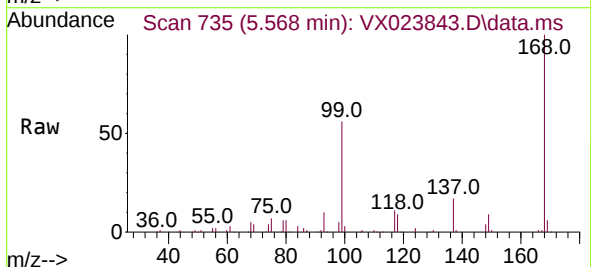
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01



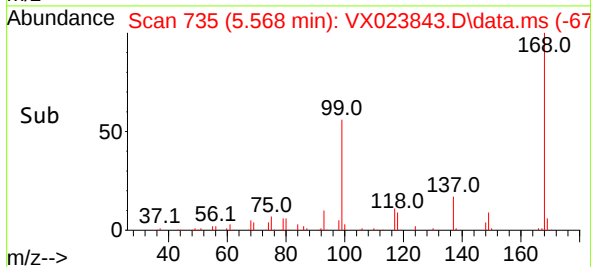
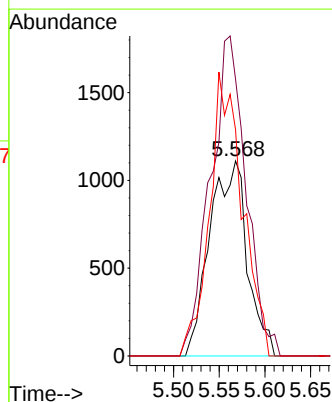
Tgt Ion:	84	Resp:	709
Ion	Ratio	Lower	Upper
84	100		
49	148.4	88.6	132.8#
51	50.4	27.0	40.6#
86	68.3	50.3	75.5

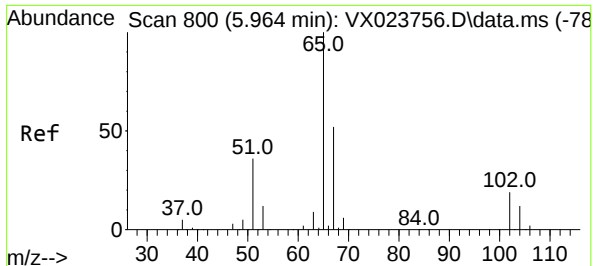


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24



Tgt Ion:	56	Resp:	3165
Ion	Ratio	Lower	Upper
56	100		
69	141.9	25.3	37.9#
84	116.0	71.4	107.0#



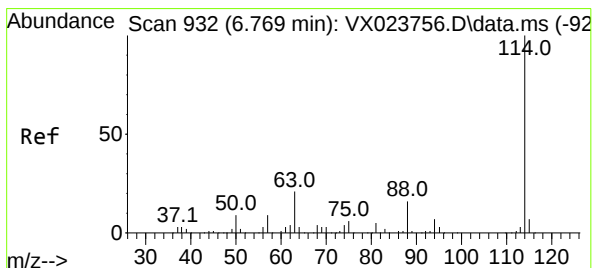
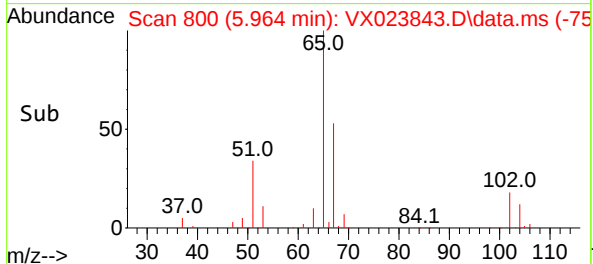
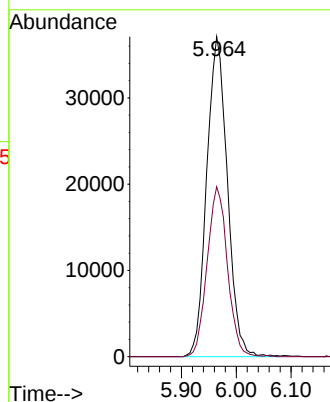
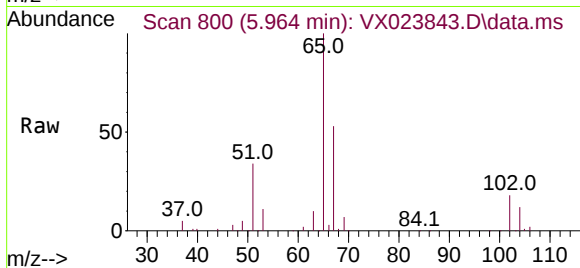


#33

1,2-Dichloroethane-d4
Concen: 51.990 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

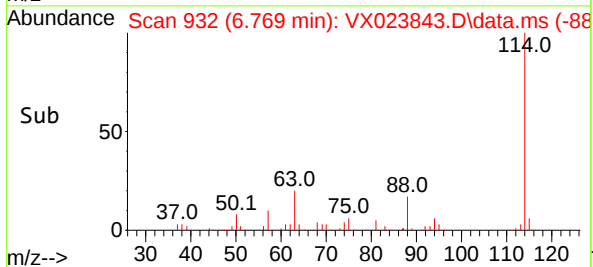
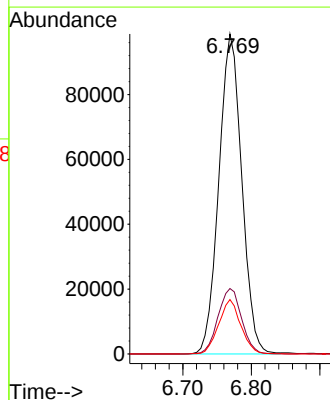
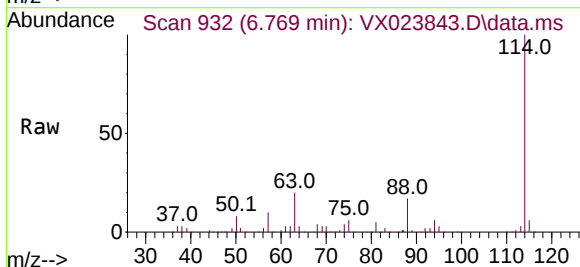
Tgt Ion: 65 Resp: 97064
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

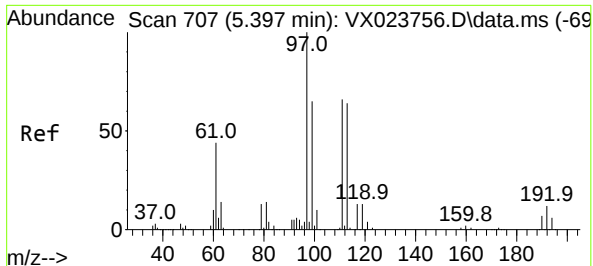


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Tgt Ion: 114 Resp: 228805
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.904 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023843.D

Acq: 19 Aug 2021 17:24

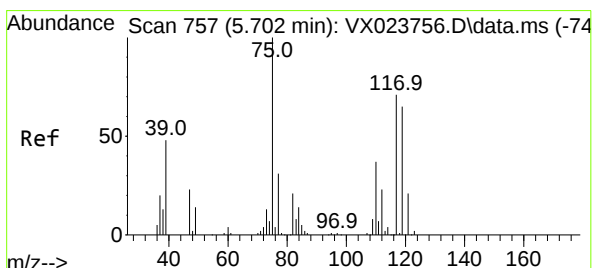
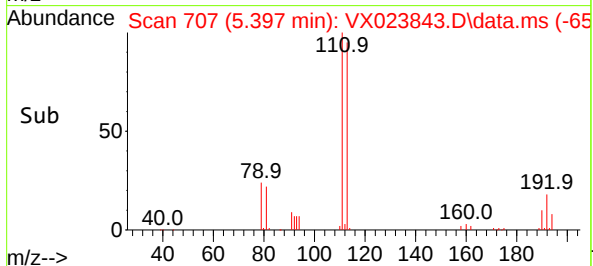
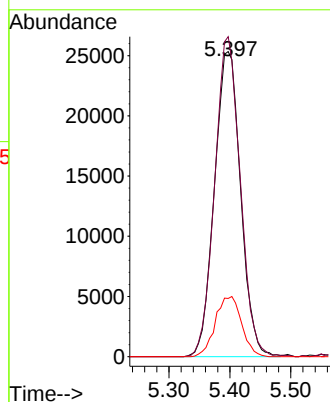
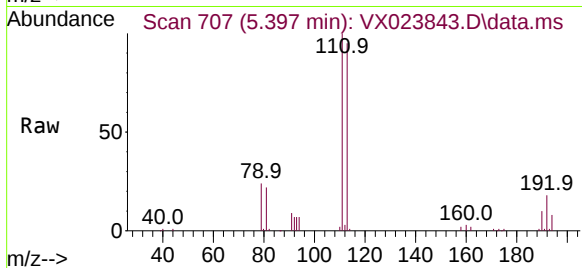
Tgt Ion:113 Resp: 75574

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 19.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.857 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023843.D

Acq: 19 Aug 2021 17:24

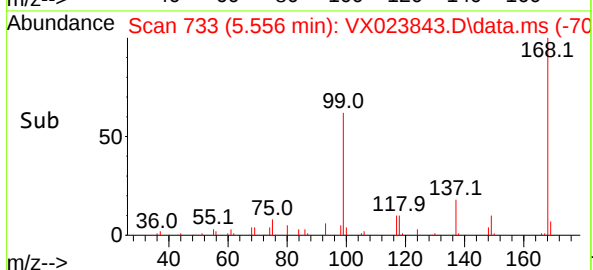
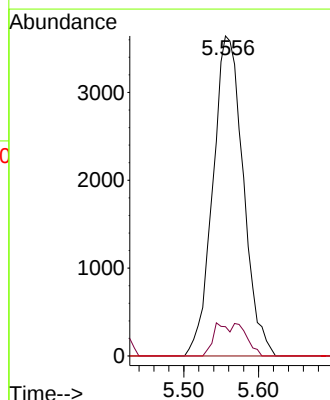
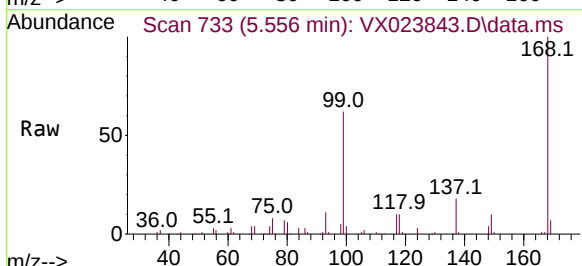
Tgt Ion: 75 Resp: 10292

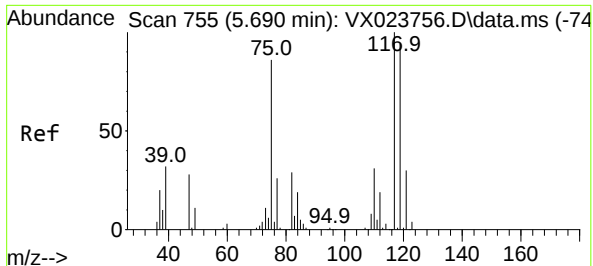
Ion Ratio Lower Upper

75 100

110 5.5 18.1 54.4#

77 0.0 25.3 37.9#

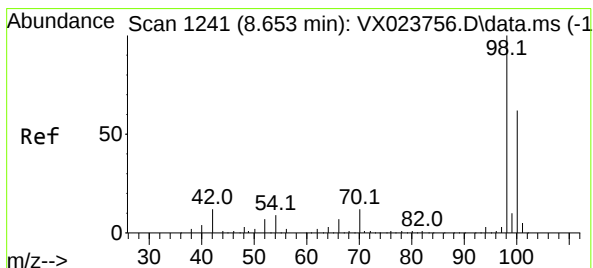
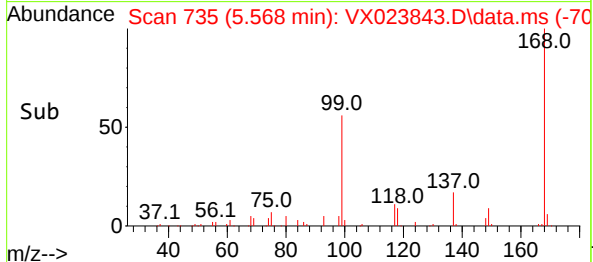
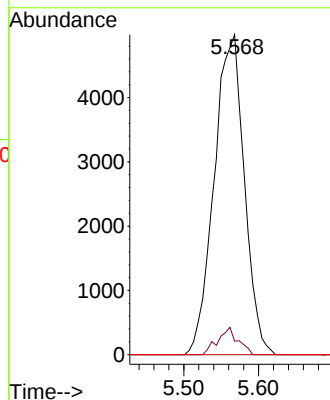
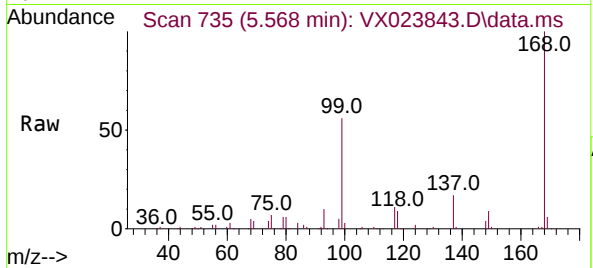




#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

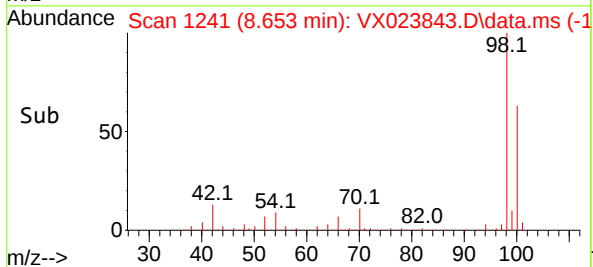
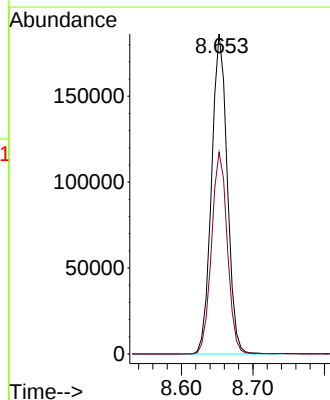
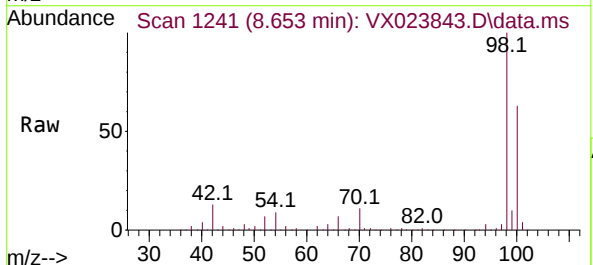
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

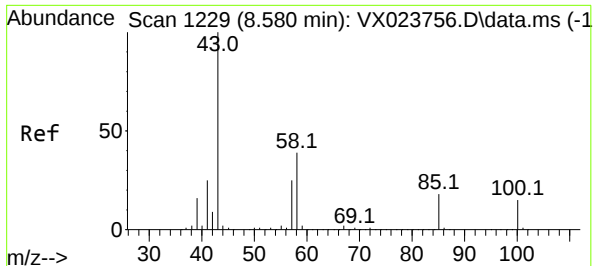
Tgt Ion:117 Resp: 13969
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.224 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Tgt Ion: 98 Resp: 283723
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

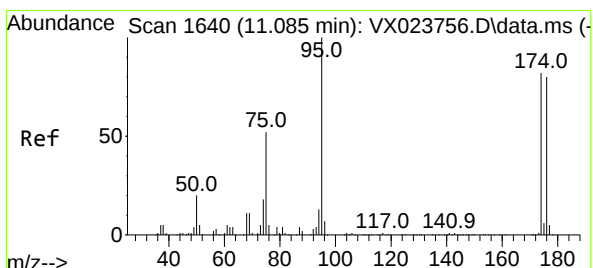
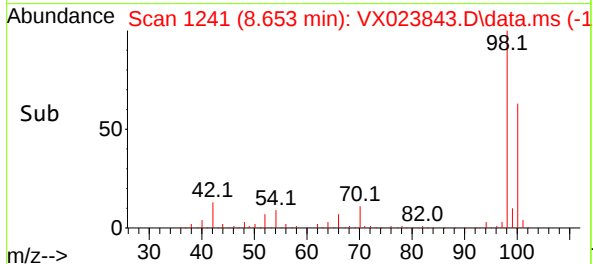
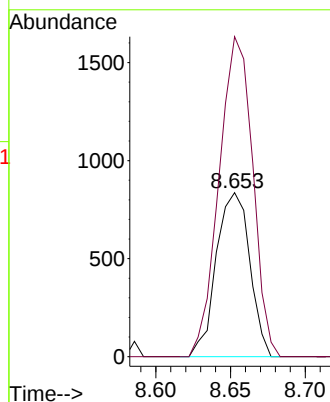
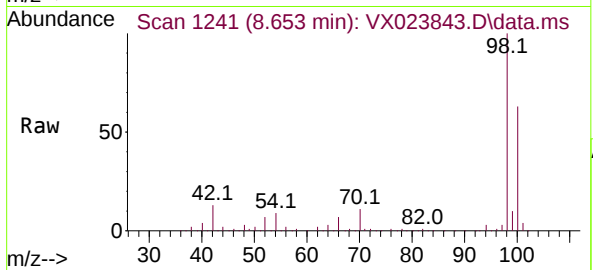




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

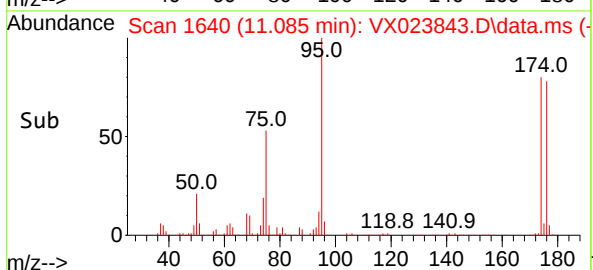
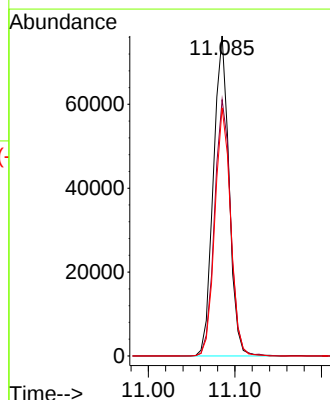
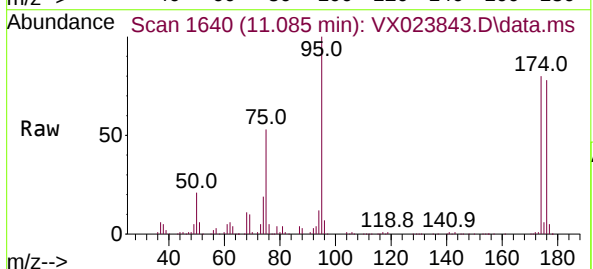
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

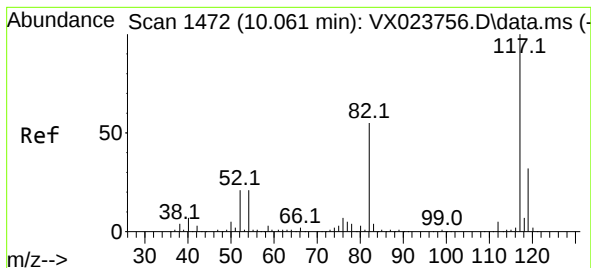
Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 196.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.333 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Tgt Ion: 95 Resp: 96189
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 77.8 0.0 155.8

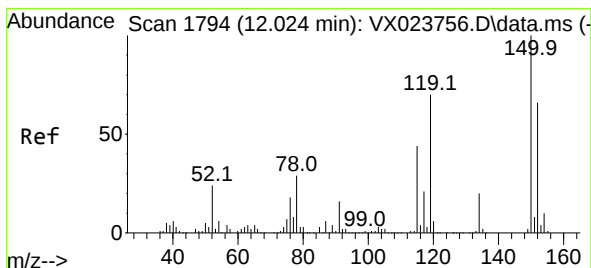
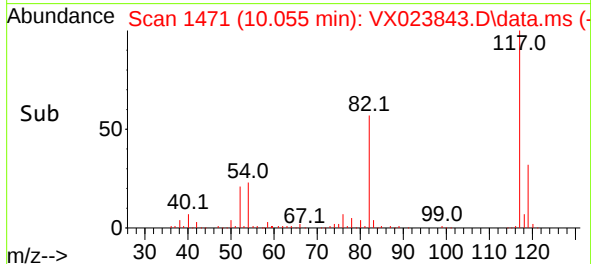
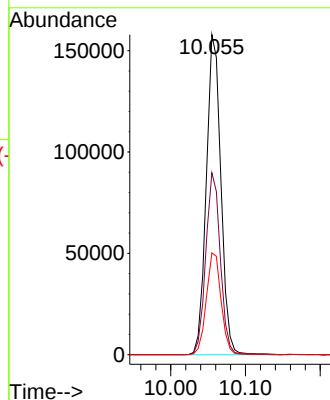
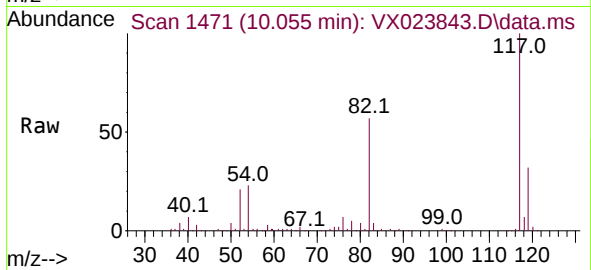




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

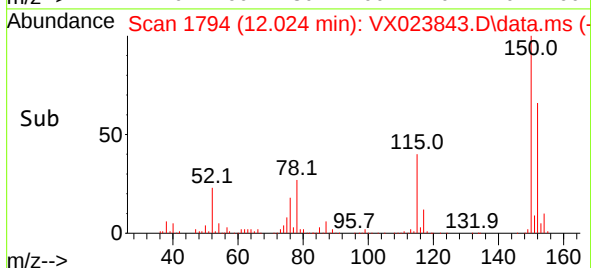
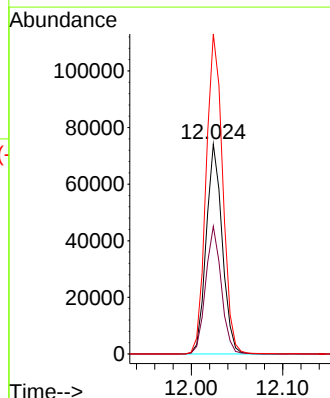
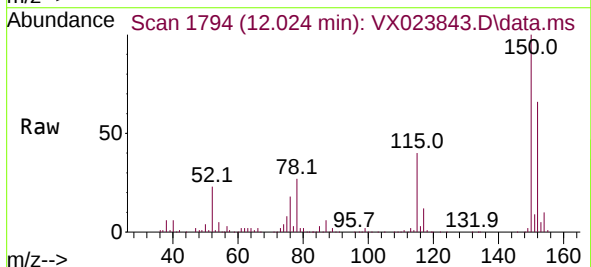
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

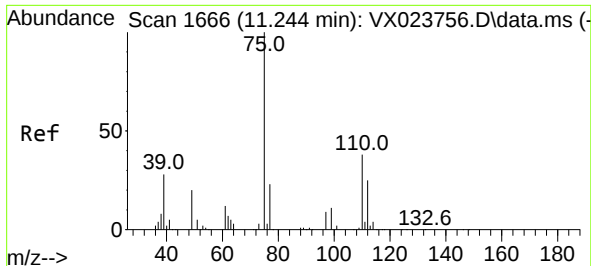
Tgt Ion:117 Resp: 213769
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Tgt Ion:152 Resp: 89704
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 158.0 0.0 349.0

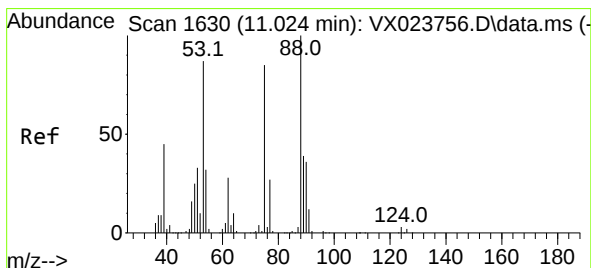
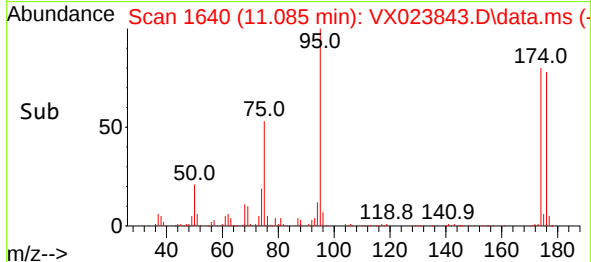
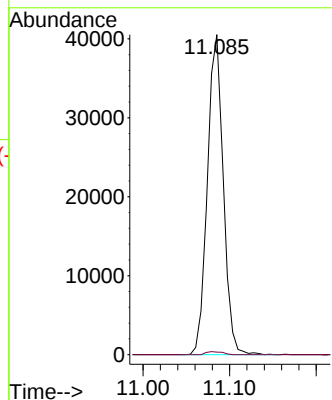
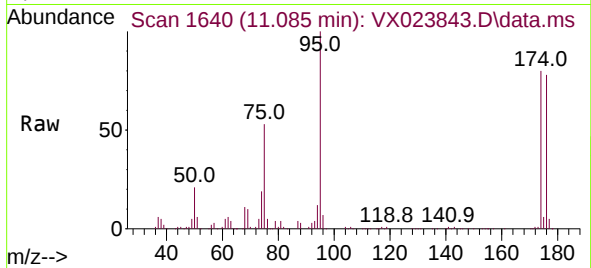




#76
1,2,3-Trichloropropane
Concen: 24.705 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

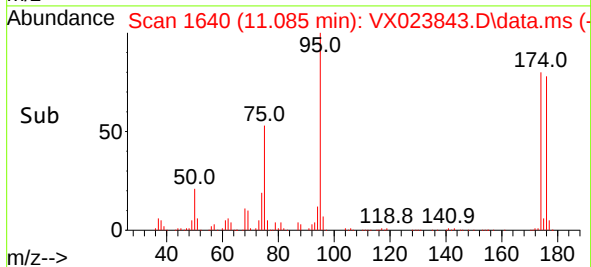
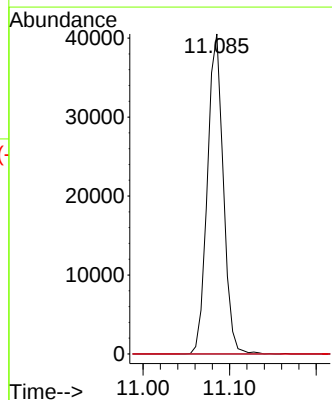
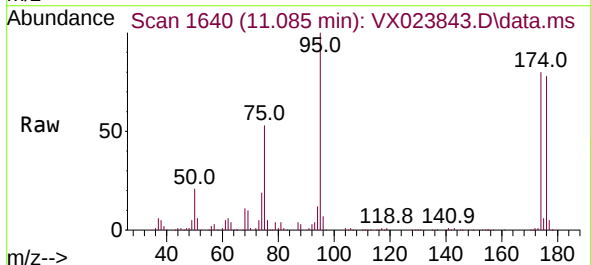
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01

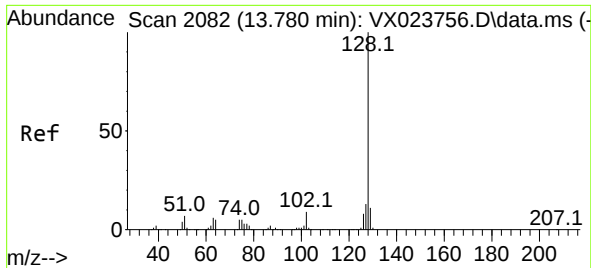
Tgt Ion: 75 Resp: 51696
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.670 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

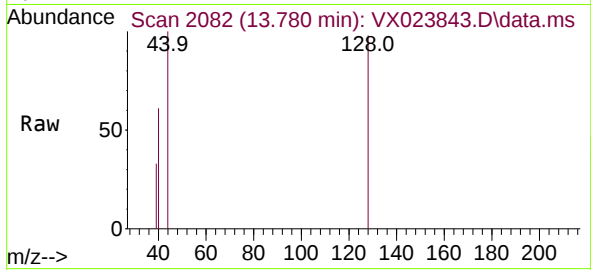
Tgt Ion: 75 Resp: 51696
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.311 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023843.D
Acq: 19 Aug 2021 17:24

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBL01



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

