

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023865.D
 Acq On : 20 Aug 2021 02:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 20 03:18:19 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)

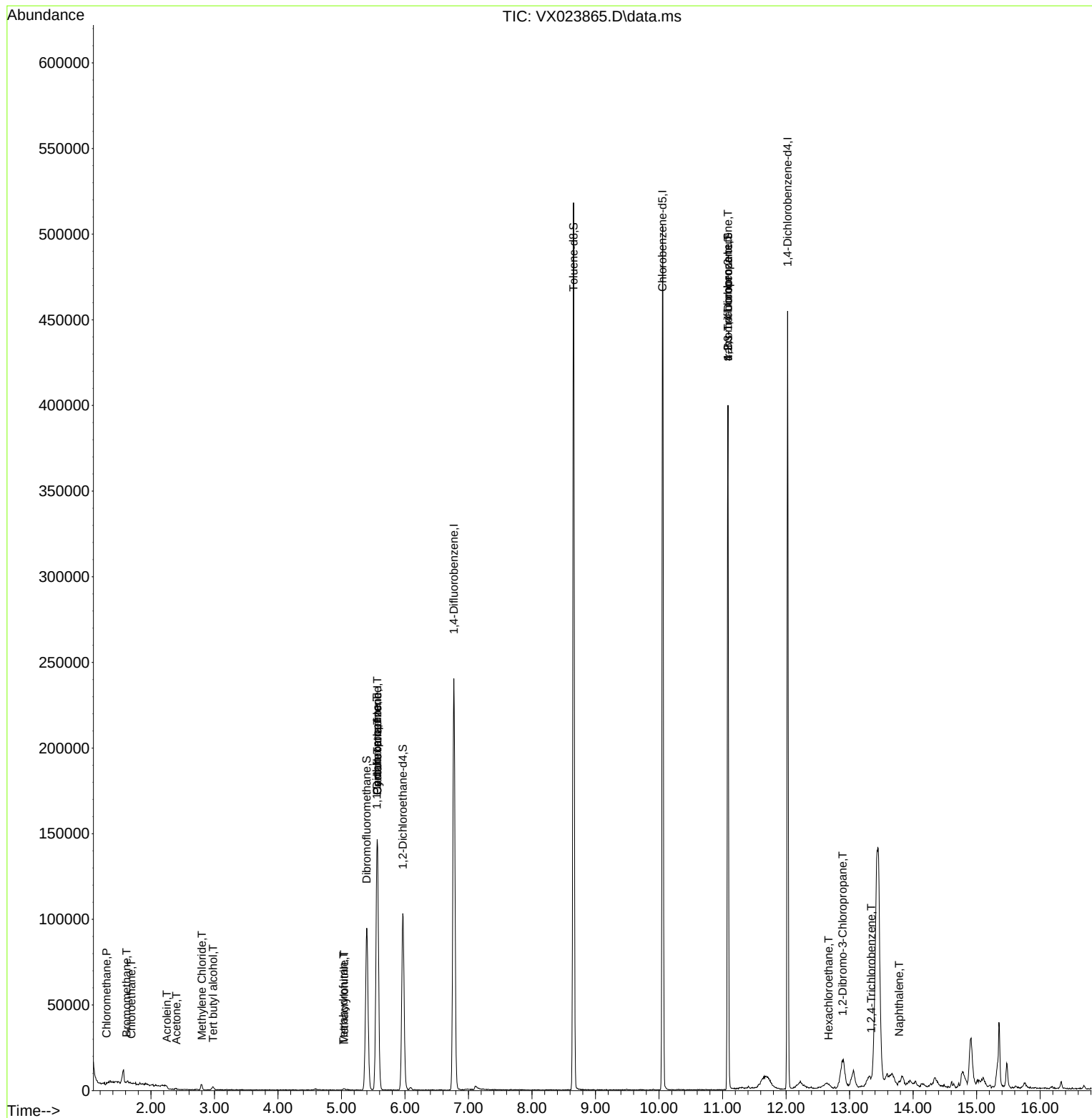
Internal Standards						
1) Pentafluorobenzene	5.562	168	139105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101236	52.144	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.280%		
35) Dibromofluoromethane	5.397	113	78957	49.878	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.760%		
50) Toluene-d8	8.653	98	293555	48.723	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.440%		
62) 4-Bromofluorobenzene	11.085	95	98682	44.492	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	373	0.232	ug/l #	79
5) Bromomethane	1.617	94	359	0.363	ug/l	84
6) Chloroethane	1.691	64	42	2.248	ug/l #	43
11) Tert butyl alcohol	2.977	59	1724	4.391	ug/l #	90
13) Acrolein	2.251	56	52	0.223	ug/l #	59
16) Acetone	2.398	43	802	0.924	ug/l #	87
20) Methylene Chloride	2.800	84	1536	0.926	ug/l	83
29) Tetrahydrofuran	5.031	42	679	0.797	ug/l #	49
31) Cyclohexane	5.562	56	3177	1.274	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11305	5.104	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14523	6.288	ug/l #	17
41) Methacrylonitrile	5.044	41	387	0.262	ug/l #	31
76) 1,2,3-Trichloropropane	11.085	75	53200	25.534	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53200	75.109	ug/l #	12
90) Hexachloroethane	12.670	117	25	1.491	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.890	75	82	2.312	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.341	180	718	0.406	ug/l #	12
95) Naphthalene	13.780	128	702	1.387	ug/l #	84

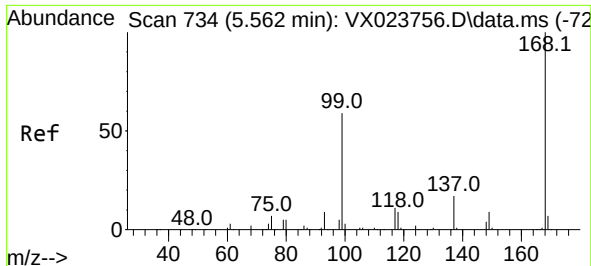
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
IBLK

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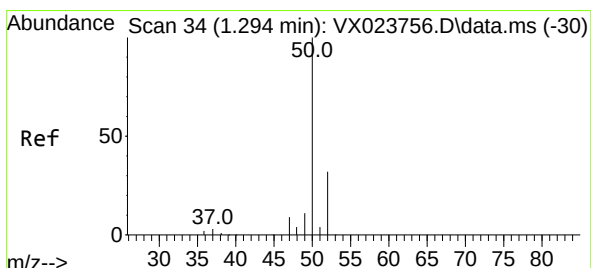
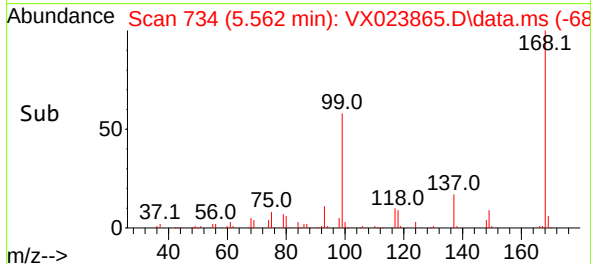
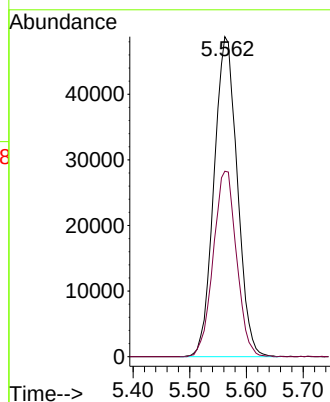
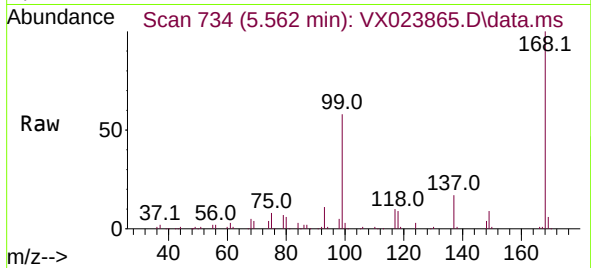




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

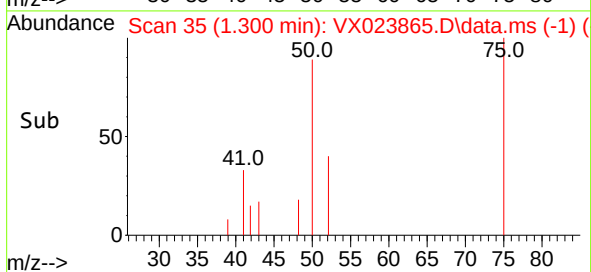
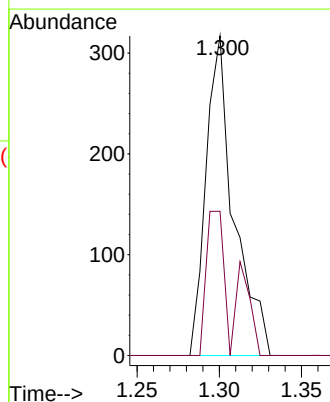
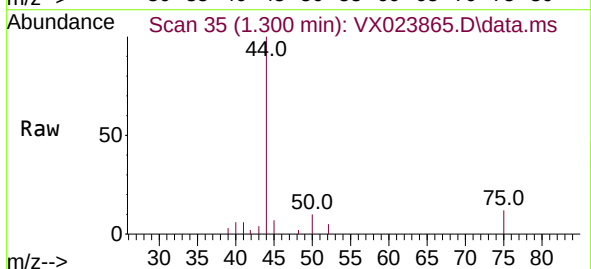
Instrument :
MSVOA_X
ClientSampleId :
IBLK

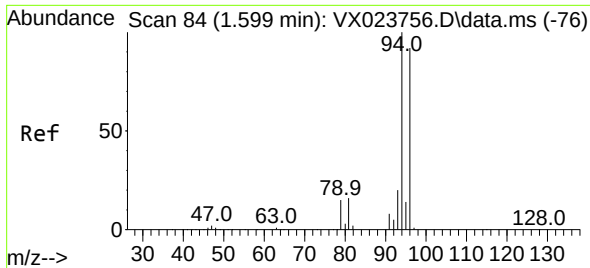
Tgt Ion:168 Resp: 139105
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 45.1 26.4 39.6#

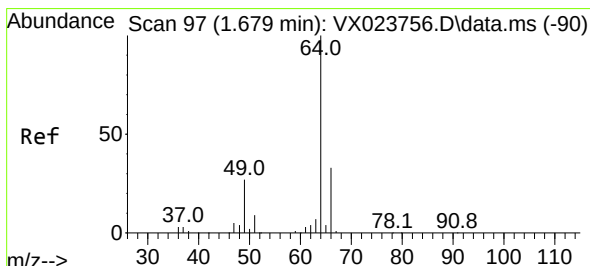
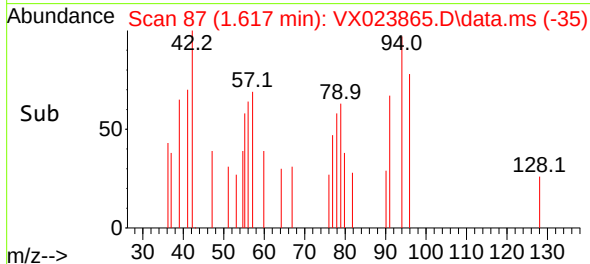
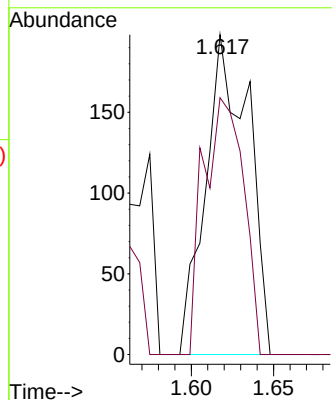
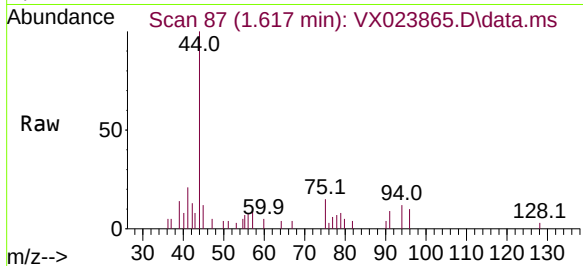




#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

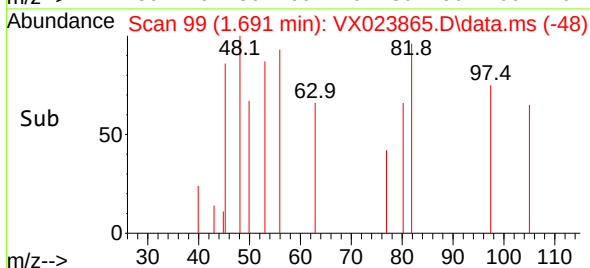
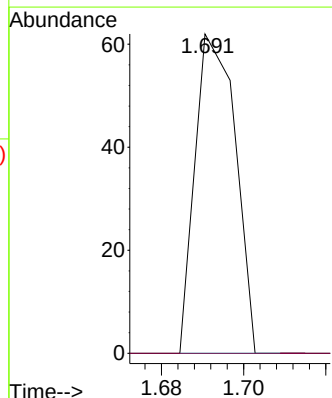
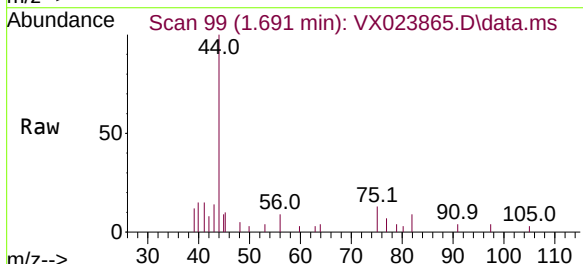
Instrument :
MSVOA_X
ClientSampled :
IBLK

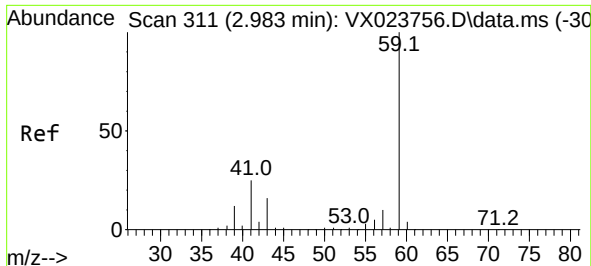
Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 80.3 76.4 114.6



#6
Chloroethane
Concen: 2.248 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



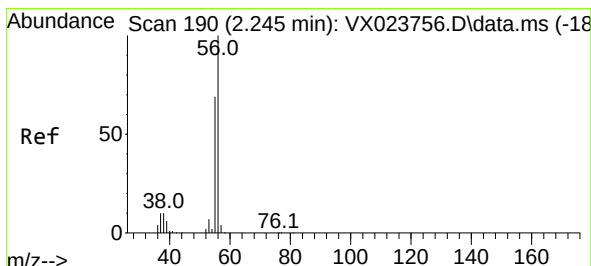
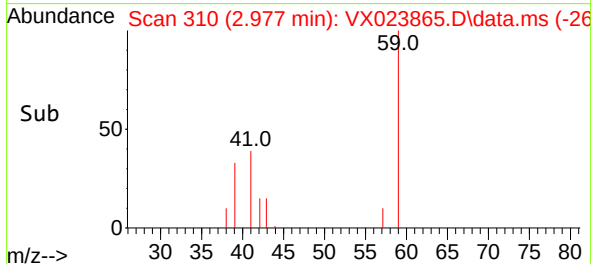
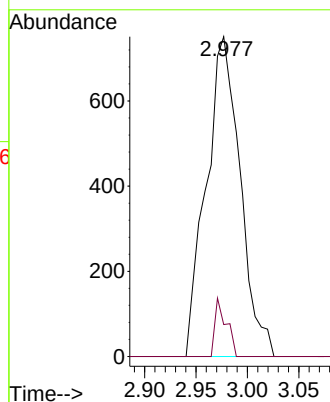
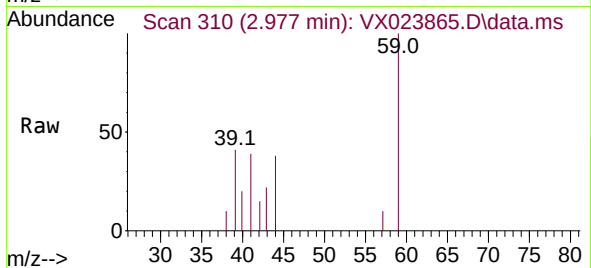


#11

Tert butyl alcohol
Concen: 4.391 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Instrument :
MSVOA_X
ClientSampled :
IBLK

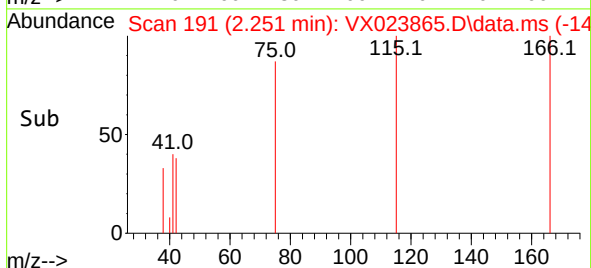
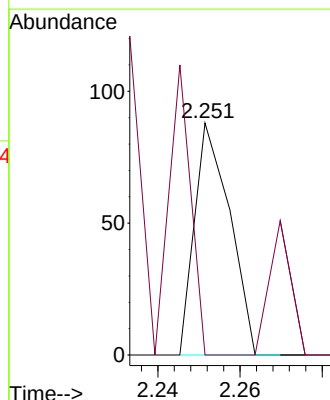
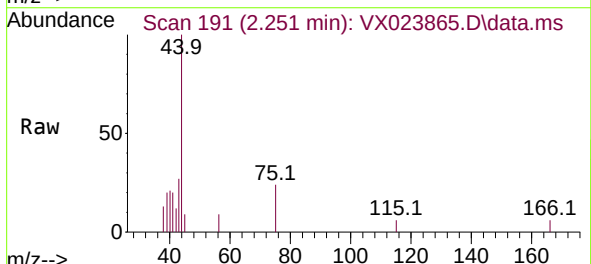
Tgt Ion: 59 Resp: 1724
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8#

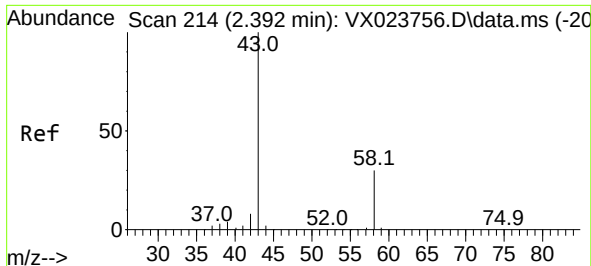


#13

Acrolein
Concen: 0.223 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 36.5 56.4 84.6#

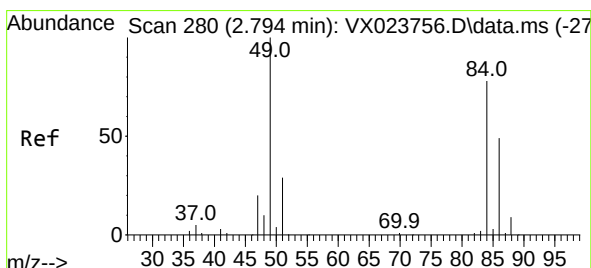
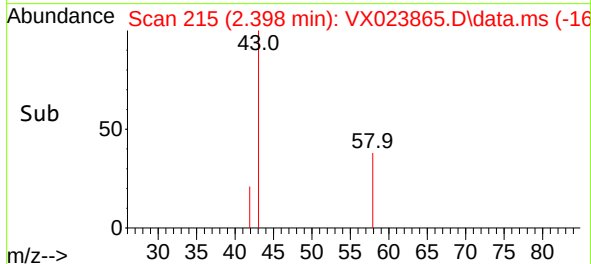
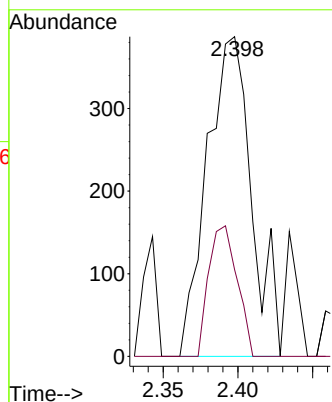
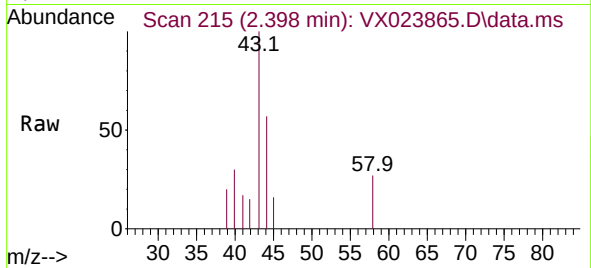




#16
Acetone
Concen: 0.924 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

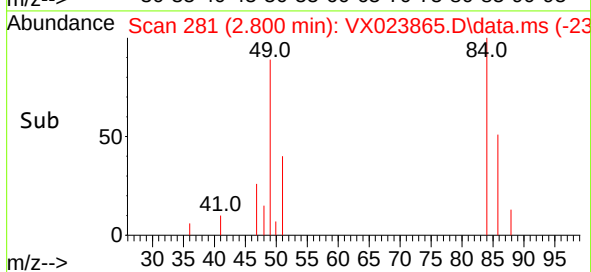
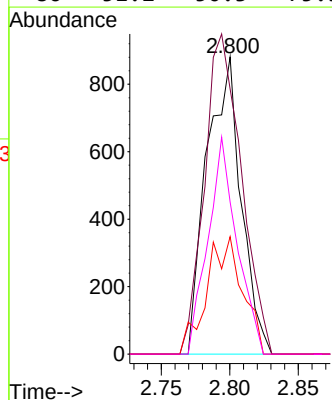
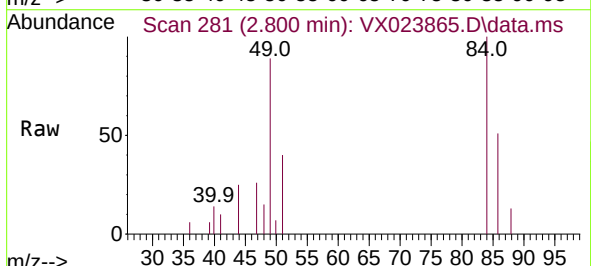
Instrument :
MSVOA_X
ClientSampled :
IBLK

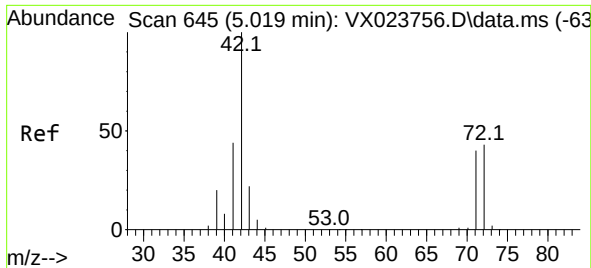
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.926 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion: 84 Resp: 1536
Ion Ratio Lower Upper
84 100
49 89.2 88.6 132.8
51 39.5 27.0 40.6
86 51.2 50.3 75.5

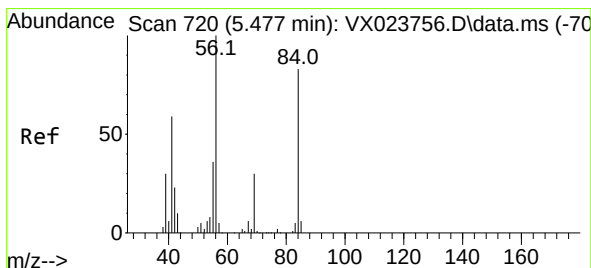
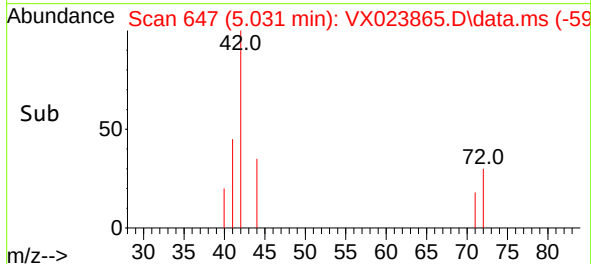
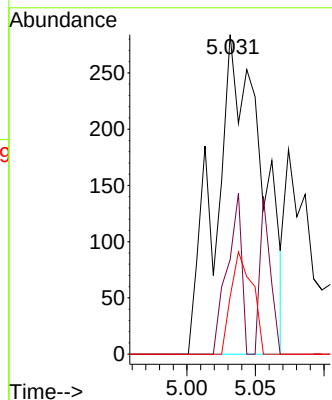
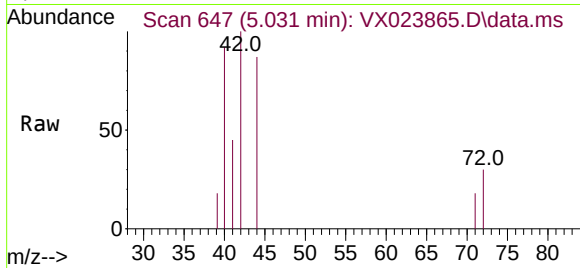




#29
Tetrahydrofuran
Concen: 0.797 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

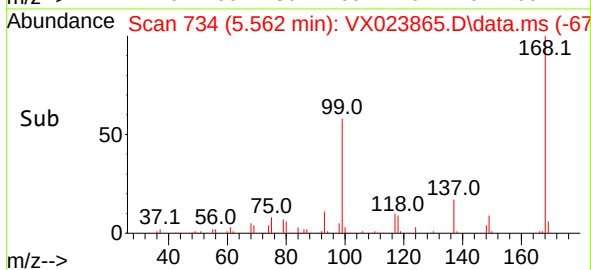
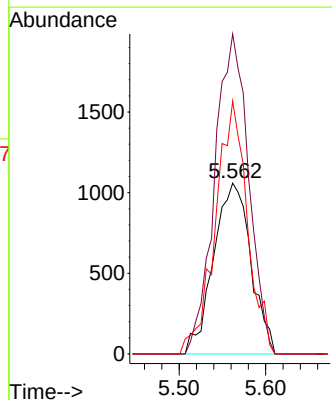
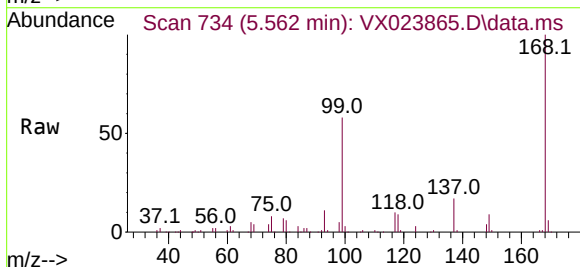
Instrument :
MSVOA_X
ClientSampled :
IBLK

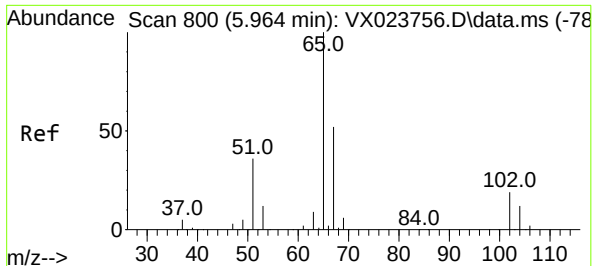
Tgt Ion:	42	Resp:	679
Ion	Ratio	Lower	Upper
42	100		
72	15.5	41.7	62.5#
71	14.6	38.4	57.6#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion:	56	Resp:	3177
Ion	Ratio	Lower	Upper
56	100		
69	187.3	25.3	37.9#
84	148.1	71.4	107.0#

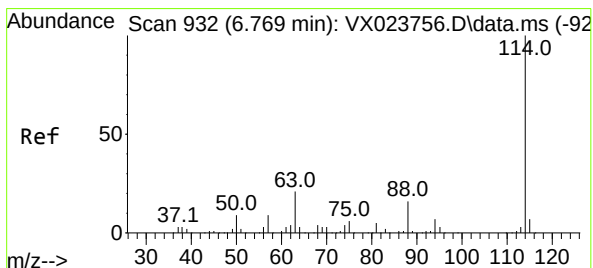
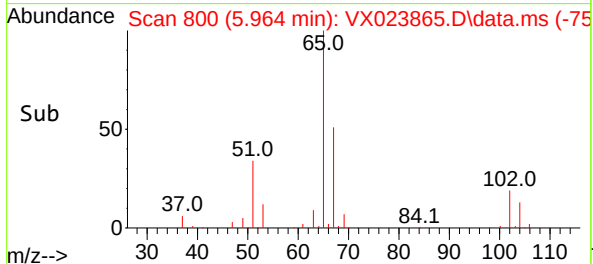
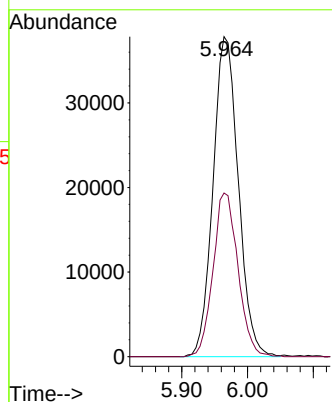
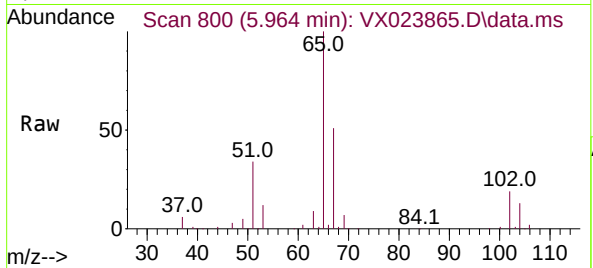




#33
 1,2-Dichloroethane-d4
 Concen: 52.144 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023865.D
 Acq: 20 Aug 2021 02:02

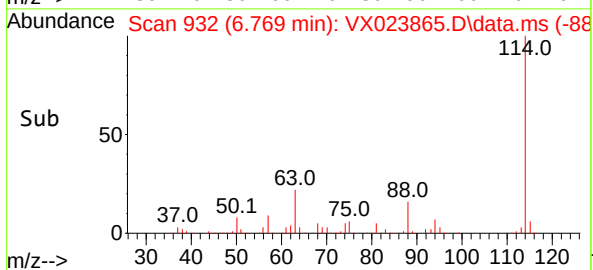
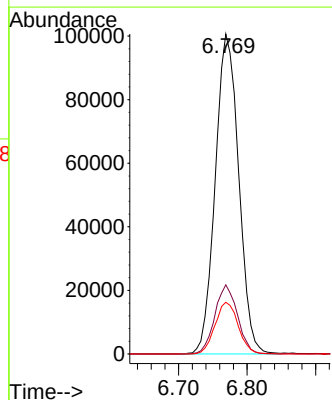
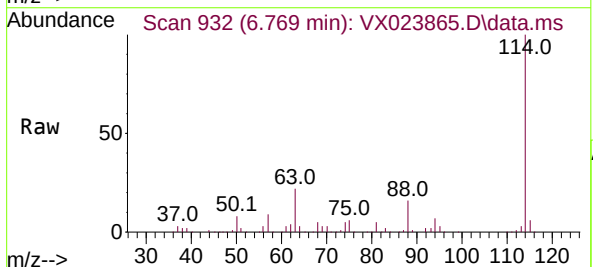
Instrument :
 MSVOA_X
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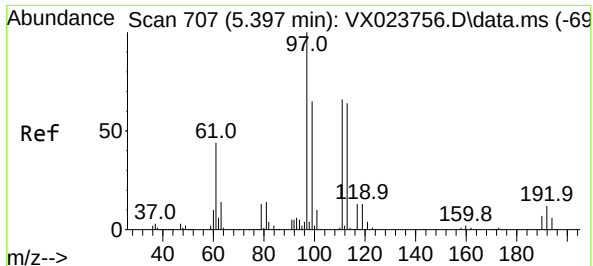
Tgt Ion: 65 Resp: 101236
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX023865.D
 Acq: 20 Aug 2021 02:02

Tgt Ion: 114 Resp: 239170
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.8
 88 16.1 0.0 32.8

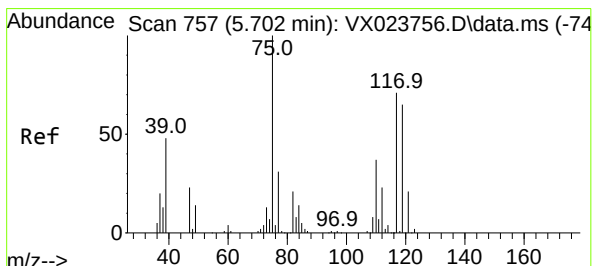
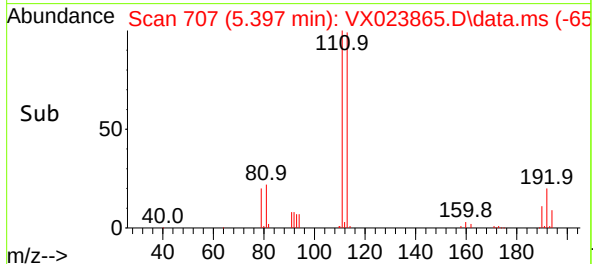
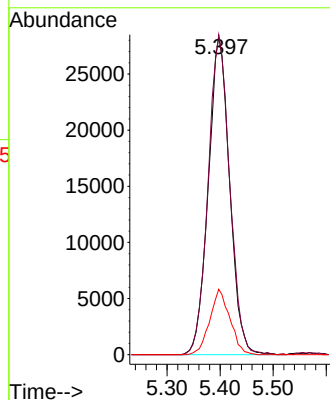
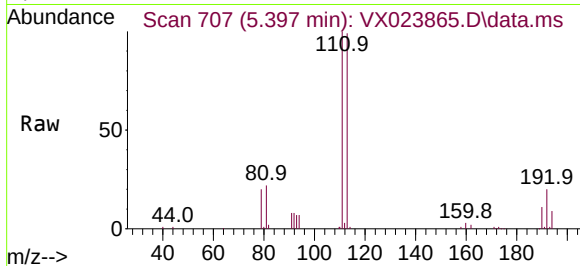




#35
Dibromofluoromethane
Concen: 49.878 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

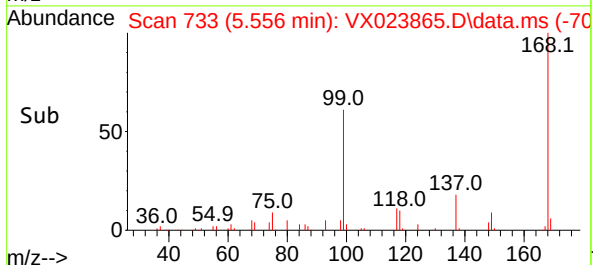
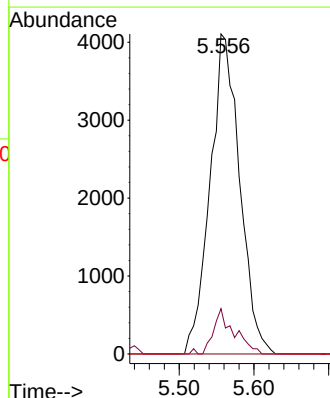
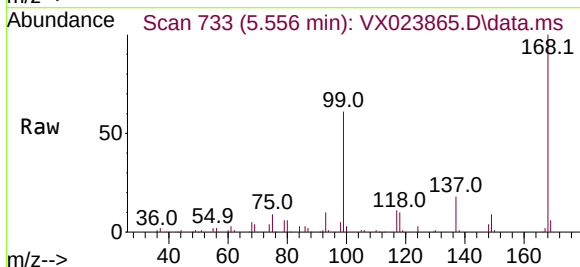
Instrument :
MSVOA_X
ClientSampled :
IBLK

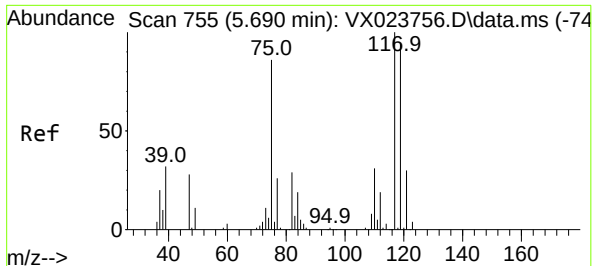
Tgt Ion:	113	Resp:	78957
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.5	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

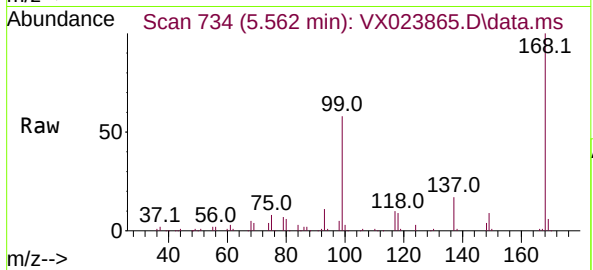
Tgt Ion:	75	Resp:	11305
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#



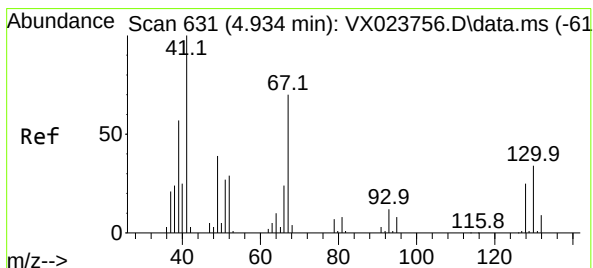
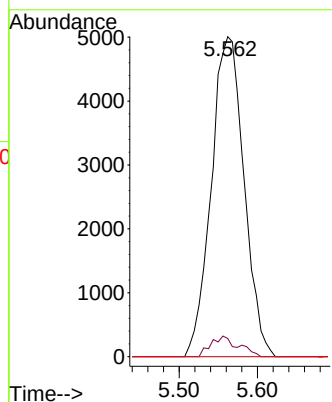
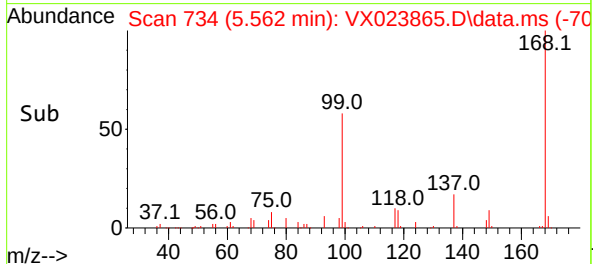


#38
Carbon Tetrachloride
Concen: 6.288 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

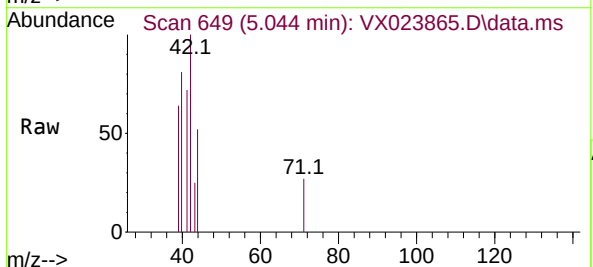
Instrument :
MSVOA_X
ClientSampled :
IBLK



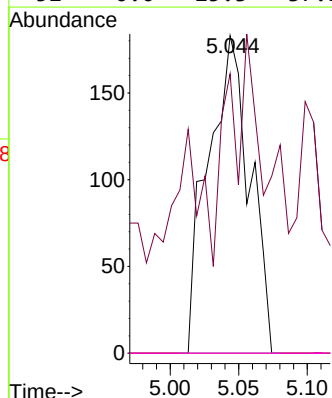
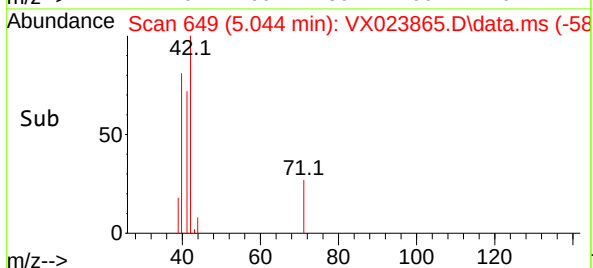
Tgt Ion:117 Resp: 14523
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

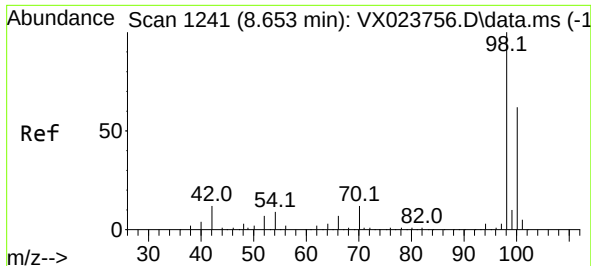


#41
Methacrylonitrile
Concen: 0.262 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.110 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02



Tgt Ion: 41 Resp: 387
Ion Ratio Lower Upper
41 100
39 23.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 48.723 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023865.D

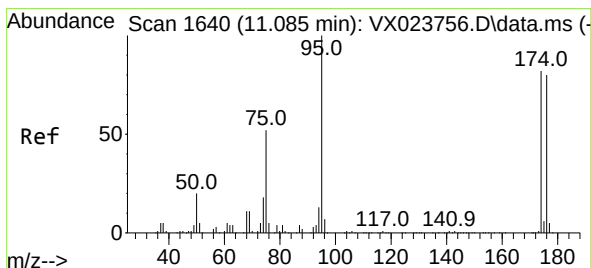
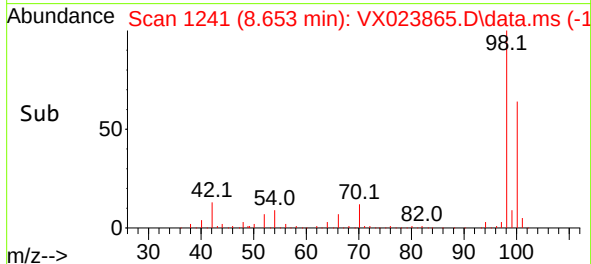
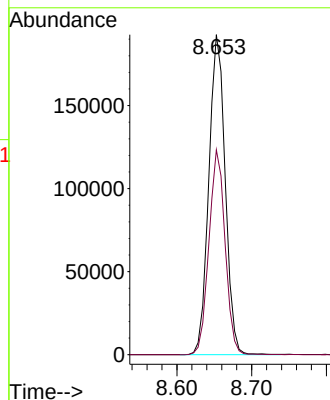
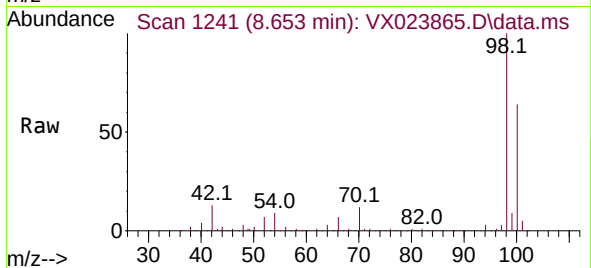
Acq: 20 Aug 2021 02:02

Tgt Ion: 98 Resp: 293555

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.492 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023865.D

Acq: 20 Aug 2021 02:02

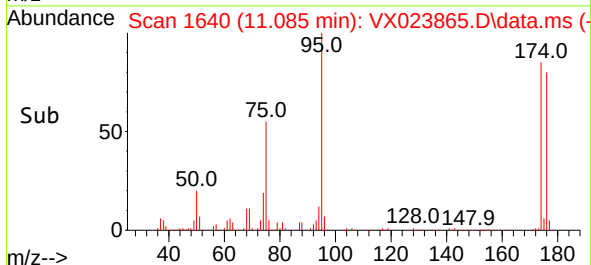
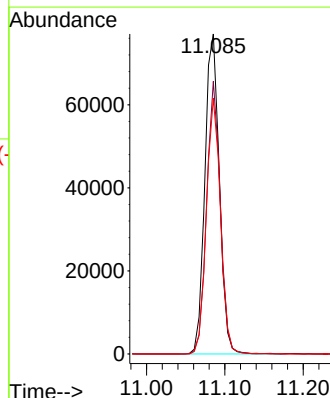
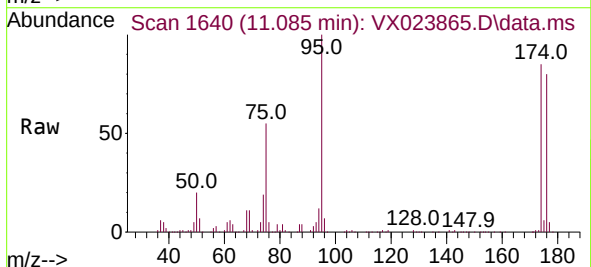
Tgt Ion: 95 Resp: 98682

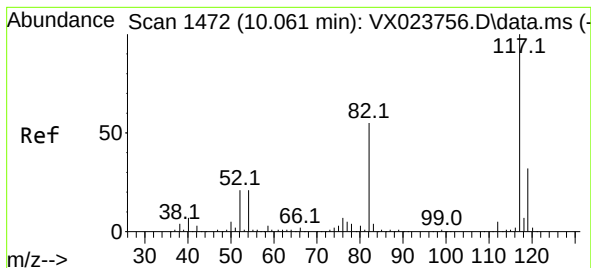
Ion Ratio Lower Upper

95 100

174 80.6 0.0 154.6

176 77.6 0.0 155.8

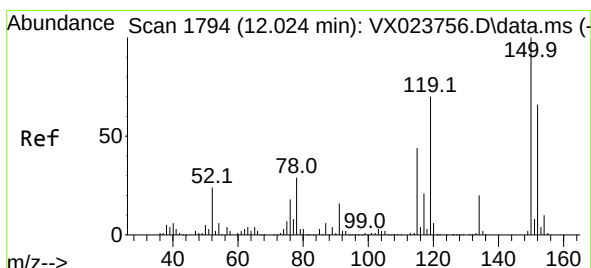
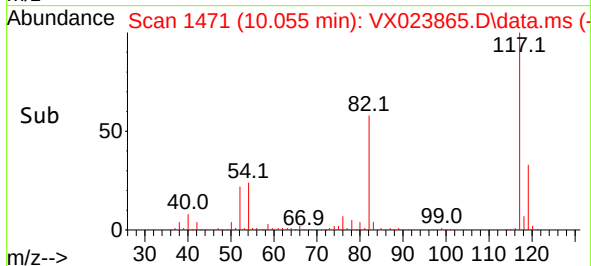
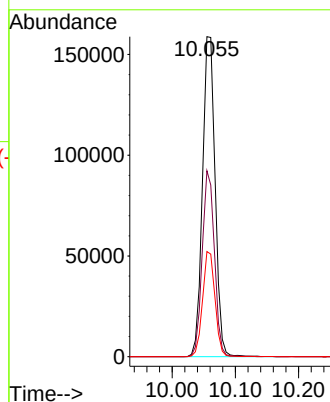
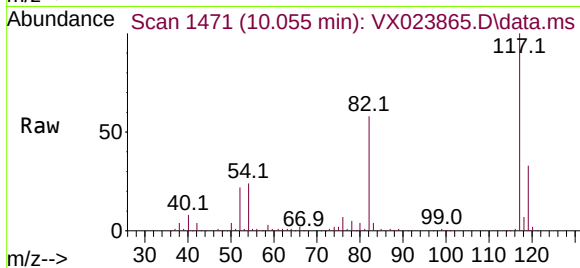




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

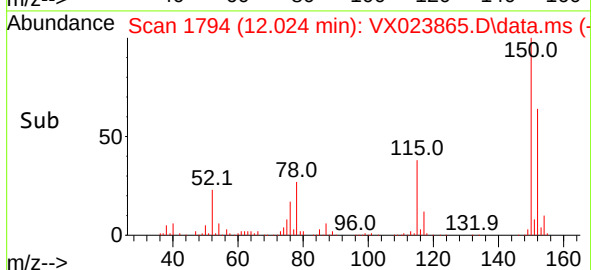
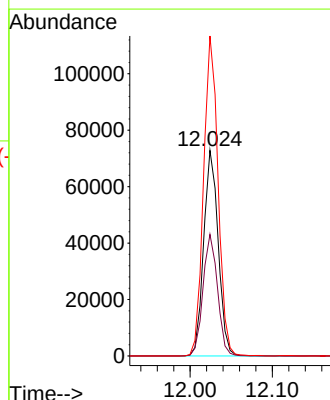
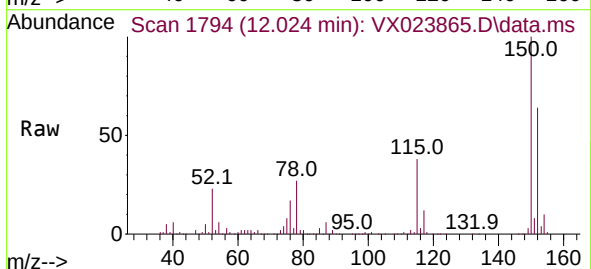
Instrument :
MSVOA_X
ClientSampled :
IBLK

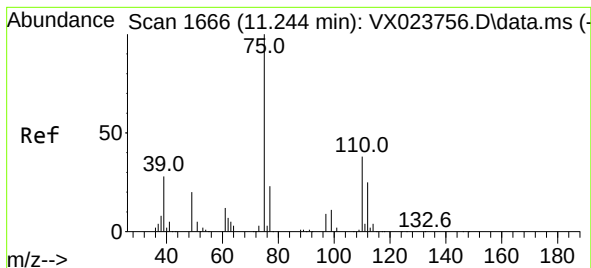
Tgt Ion:117 Resp: 221570
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion:152 Resp: 89316
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 155.4 0.0 349.0

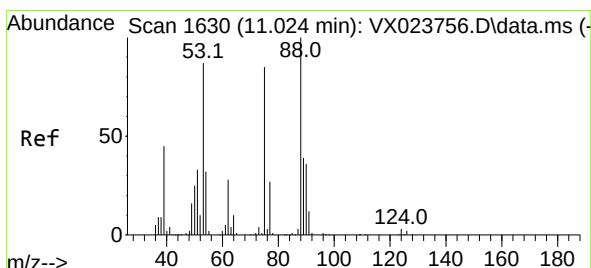
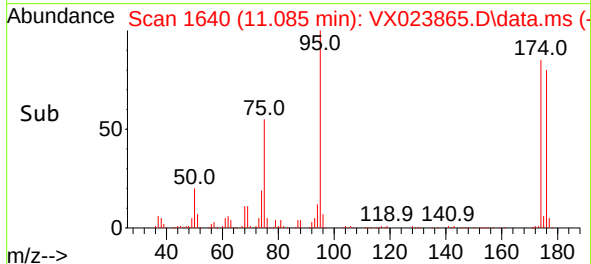
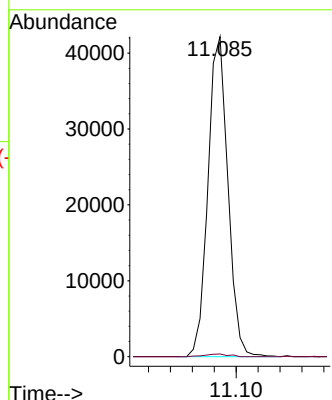
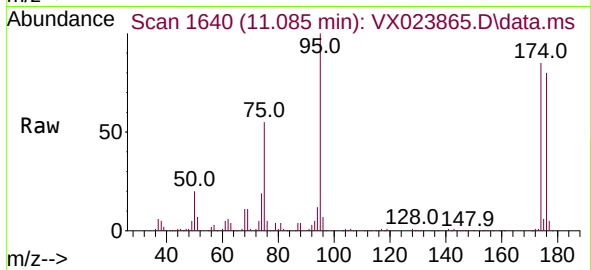




#76
1,2,3-Trichloropropane
Concen: 25.534 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

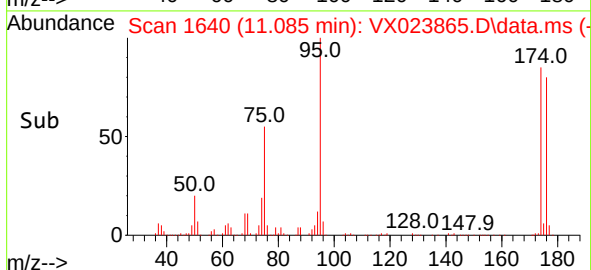
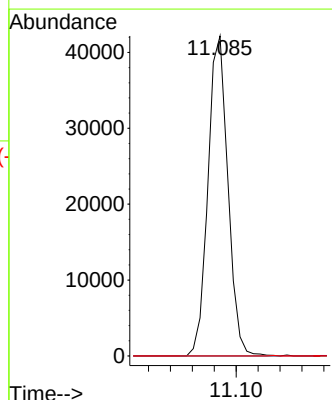
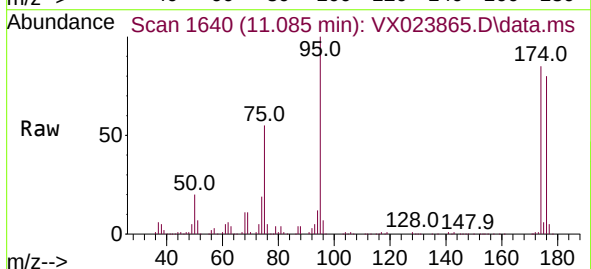
Instrument :
MSVOA_X
ClientSampleId :
IBLK

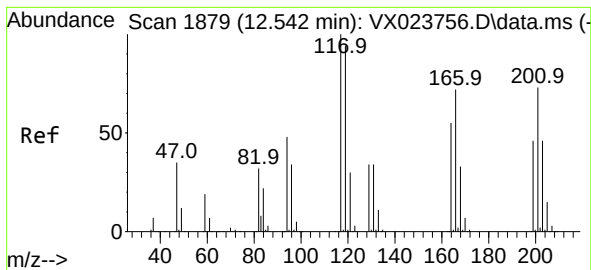
Tgt Ion: 75 Resp: 53200
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.109 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion: 75 Resp: 53200
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

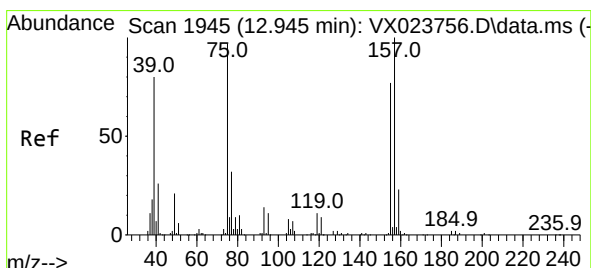
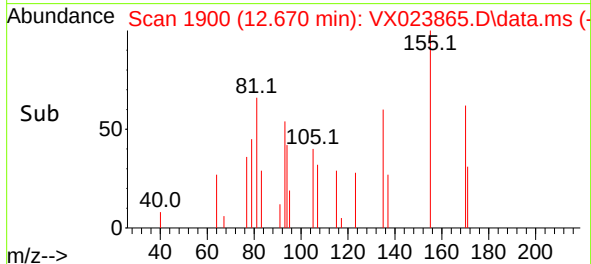
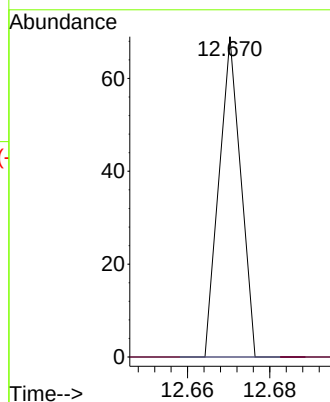
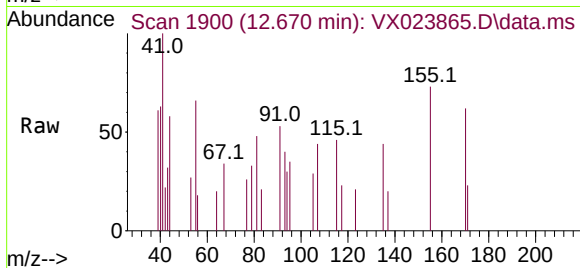




#90
Hexachloroethane
Concen: 1.491 ug/l
RT: 12.670 min Scan# 1900
Delta R.T. 0.128 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

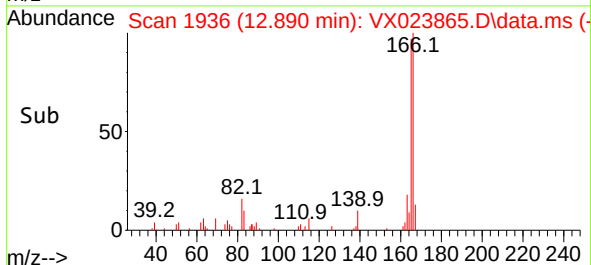
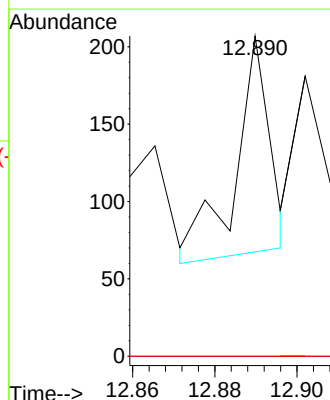
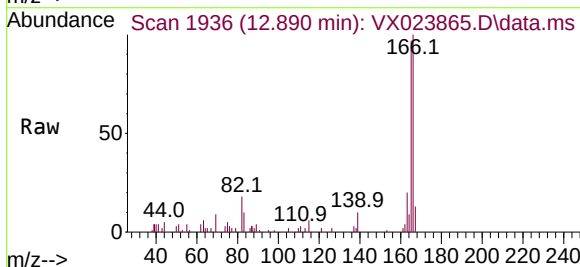
Instrument :
MSVOA_X
ClientSampled :
IBLK

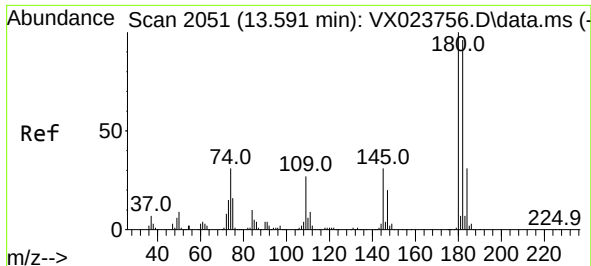
Tgt Ion:117 Resp: 25
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.312 ug/l
RT: 12.890 min Scan# 1936
Delta R.T. -0.055 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#

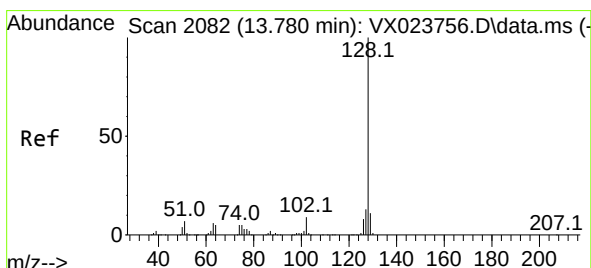
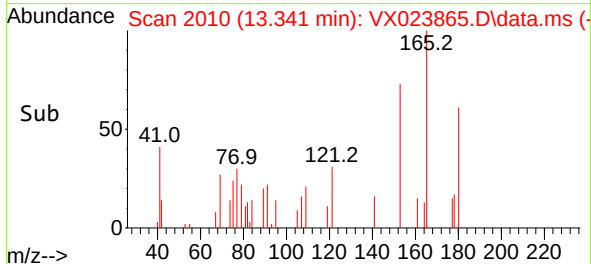
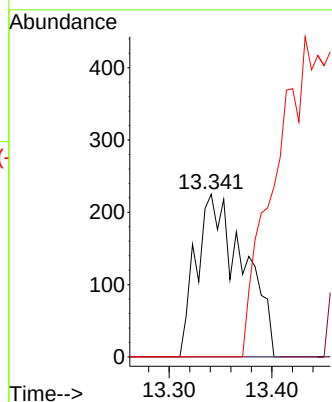
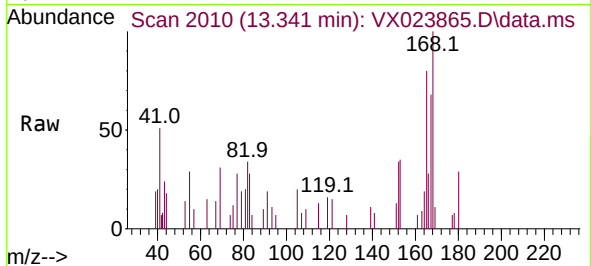




#93
1,2,4-Trichlorobenzene
Concen: 0.406 ug/l
RT: 13.341 min Scan# 2010
Delta R.T. -0.250 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:180 Resp: 718
Ion Ratio Lower Upper
180 100
182 0.0 47.7 143.1#
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 1.387 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023865.D
Acq: 20 Aug 2021 02:02

Tgt Ion:128 Resp: 702
Ion Ratio Lower Upper
128 100
127 3.8 10.3 15.5#
129 8.0 8.8 13.2#

