

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\Not Reviewed Data\
 Data File : VX023945.D
 Acq On : 25 Aug 2021 17:52
 Operator : JC/MD
 Sample : M3525-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 26 17:38:48 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)

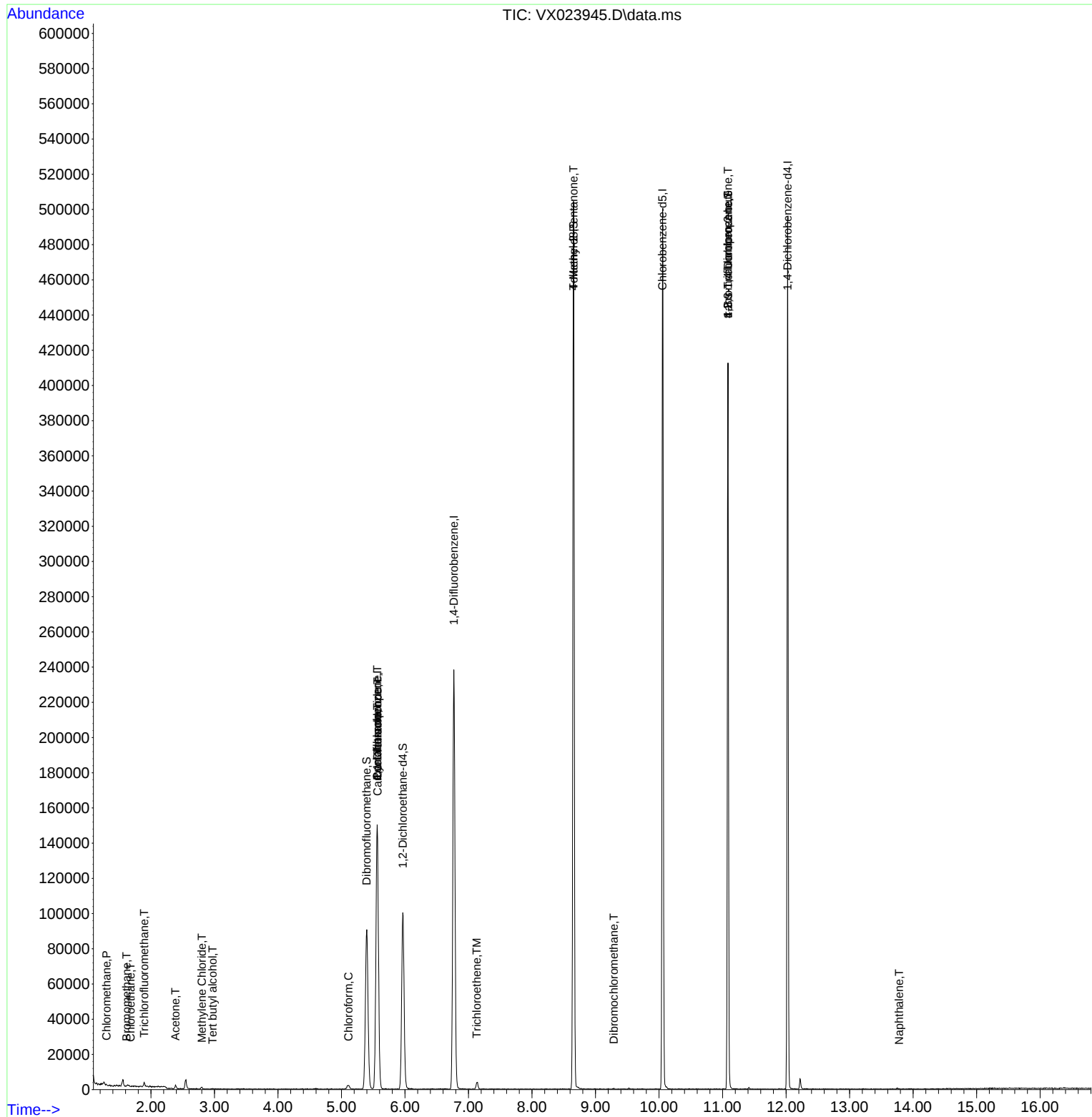
Internal Standards						
1) Pentafluorobenzene	5.562	168	137741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100476	52.265	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	104.540%	
35) Dibromofluoromethane	5.397	113	77619	49.934	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.860%	
50) Toluene-d8	8.653	98	288803	48.815	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.640%	
62) 4-Bromofluorobenzene	11.085	95	101536	46.620	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	347	0.218	ug/l	92
5) Bromomethane	1.617	94	421	0.430	ug/l	95
6) Chloroethane	1.678	64	38	2.246	ug/l #	43
7) Trichlorofluoromethane	1.892	101	1194	0.486	ug/l	99
11) Tert butyl alcohol	2.971	59	153	0.394	ug/l #	73
16) Acetone	2.386	43	2071	2.409	ug/l #	84
20) Methylene Chloride	2.800	84	455	0.277	ug/l #	62
30) Chloroform	5.111	83	2673	0.935	ug/l	94
31) Cyclohexane	5.562	56	3327	1.347	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	10759	4.947	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14654	6.461	ug/l #	16
44) Trichloroethene	7.129	130	1639	0.923	ug/l	61
51) 4-Methyl-2-Pentanone	8.653	43	1433	0.530	ug/l #	1
60) Dibromochloromethane	9.287	129	40	1.708	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55671	25.343	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55671	74.546	ug/l #	12
95) Naphthalene	13.780	128	63	1.291	ug/l #	69

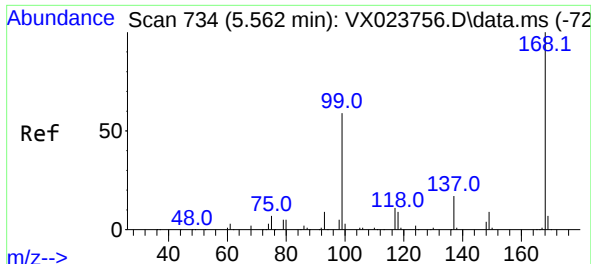
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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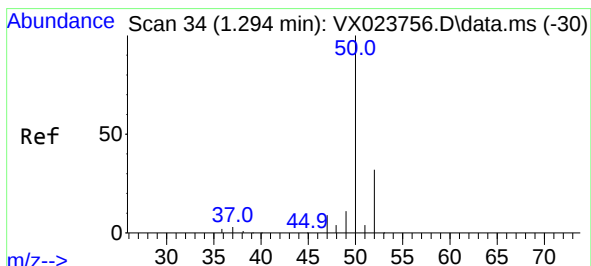
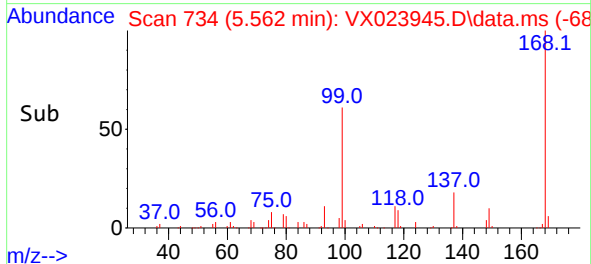
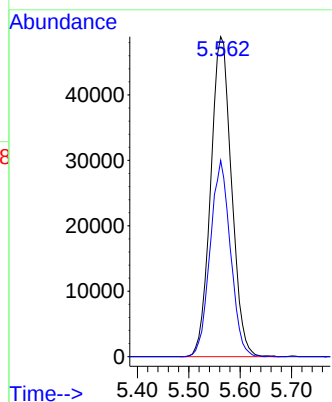
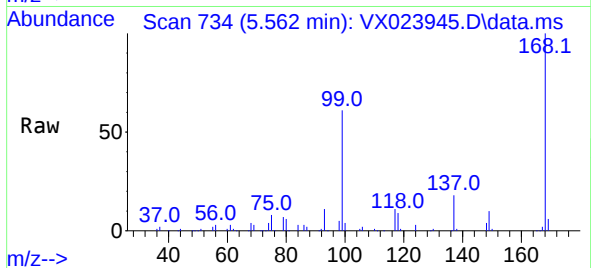




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

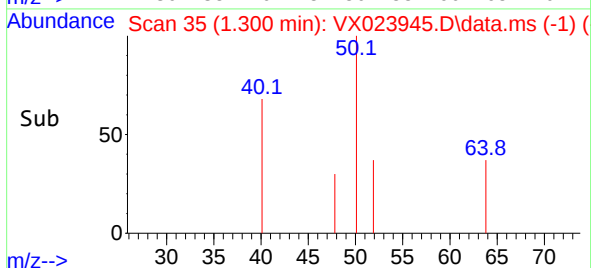
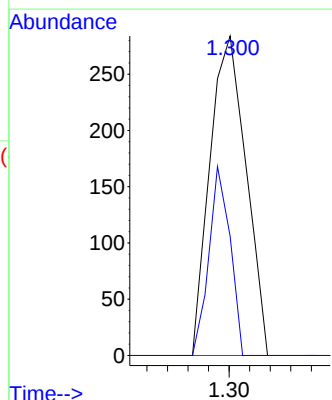
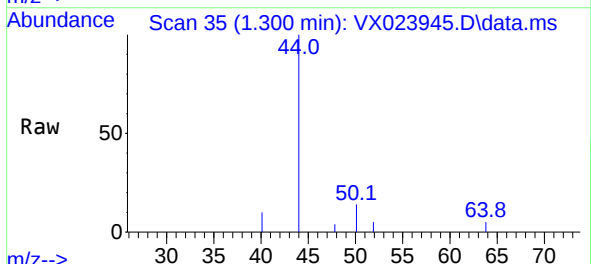
Instrument :
MSVOA_X
ClientSampled :

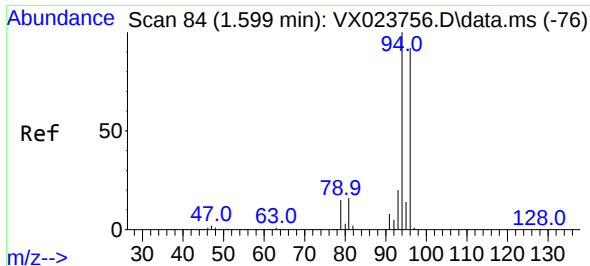
Tgt Ion:168 Resp: 137741
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 37.3 26.4 39.6

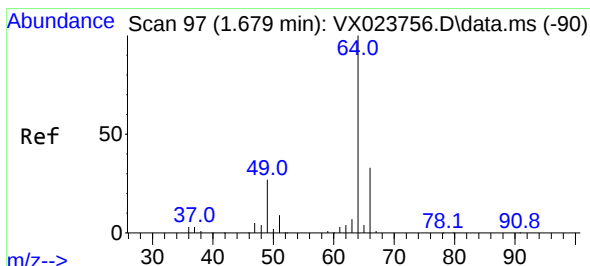
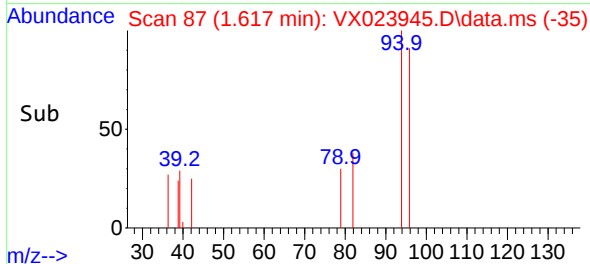
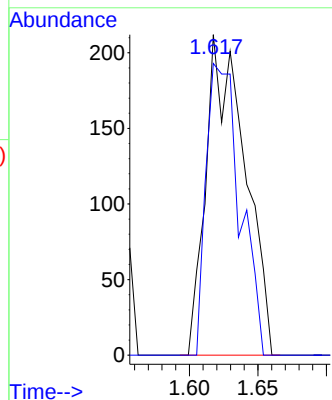
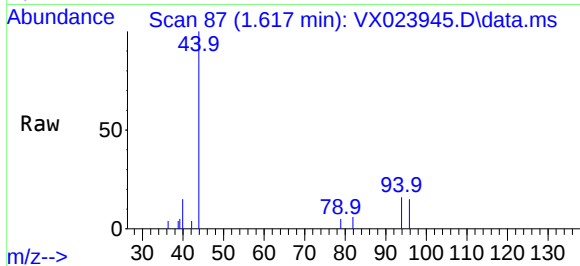




#5
Bromomethane
Concen: 0.430 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

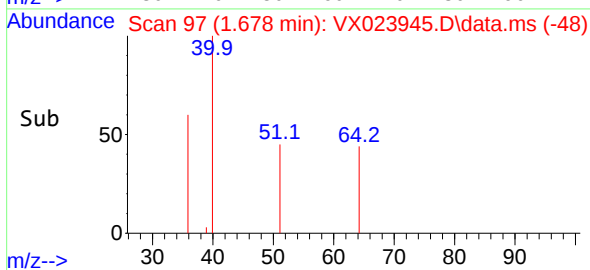
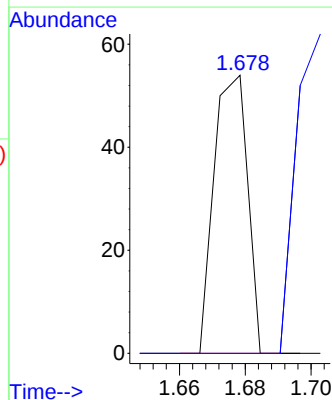
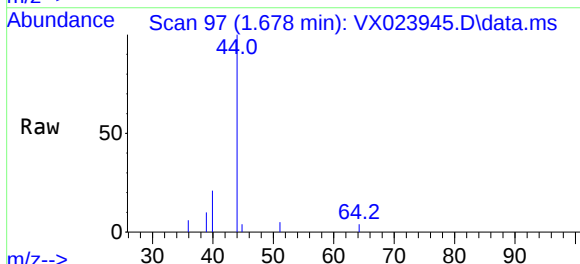
Instrument :
MSVOA_X
ClientSampled :

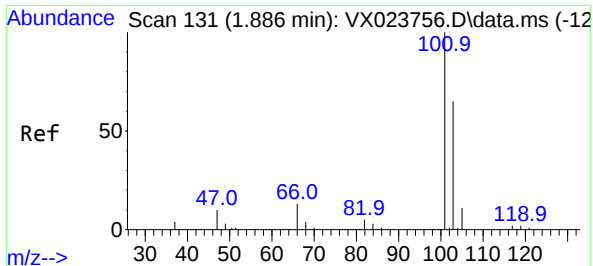
Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 91.0 76.4 114.6



#6
Chloroethane
Concen: 2.246 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion: 64 Resp: 38
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

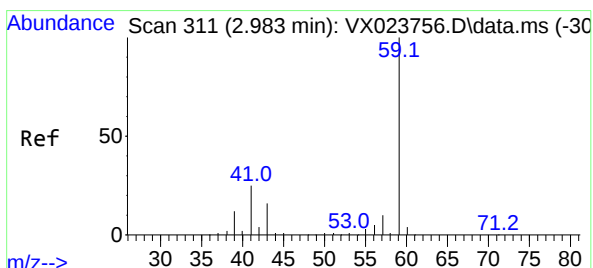
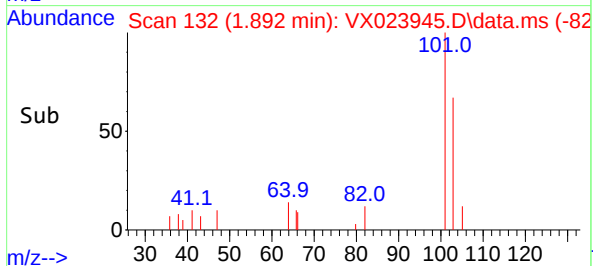
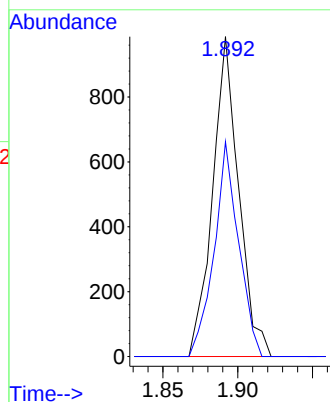
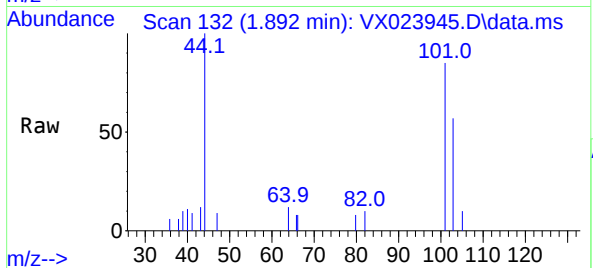




#7
Trichlorofluoromethane
Concen: 0.486 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

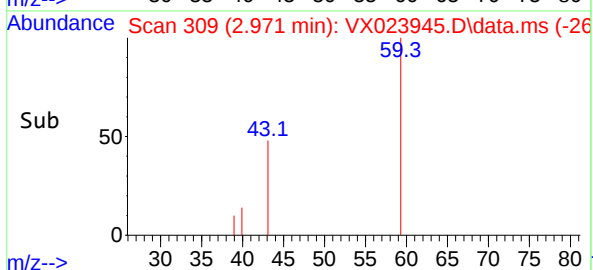
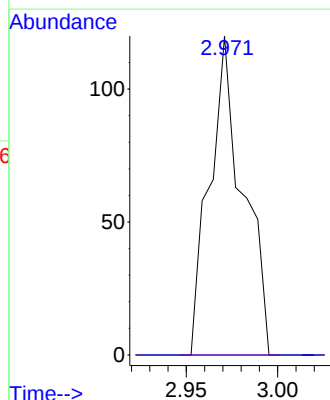
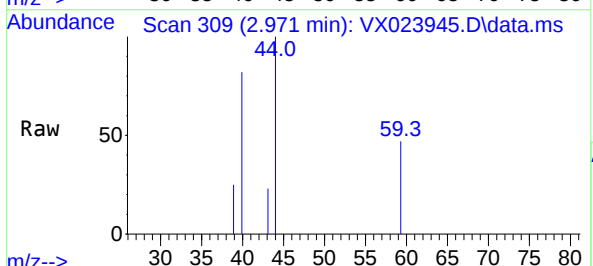
Instrument :
MSVOA_X
ClientSampled :

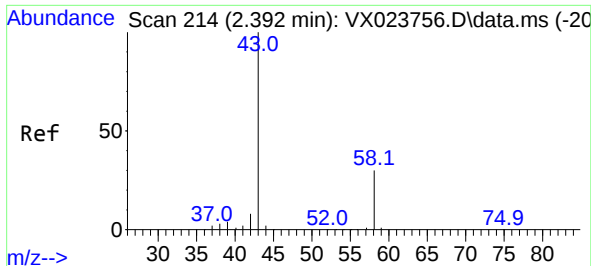
Tgt Ion:101 Resp: 1194
Ion Ratio Lower Upper
101 100
103 67.1 53.2 79.8



#11
Tert butyl alcohol
Concen: 0.394 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

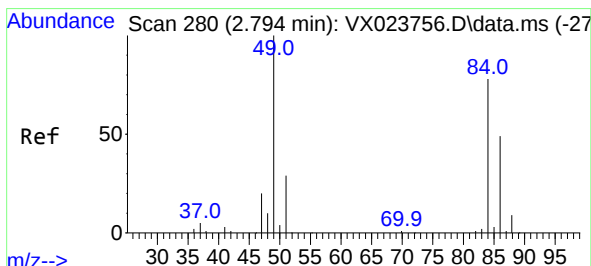
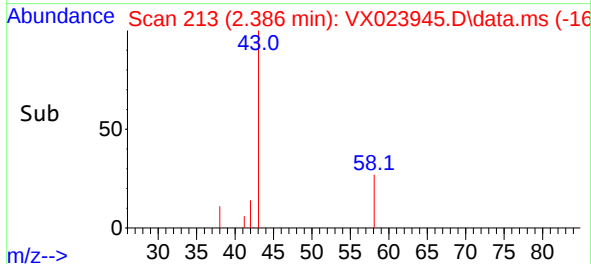
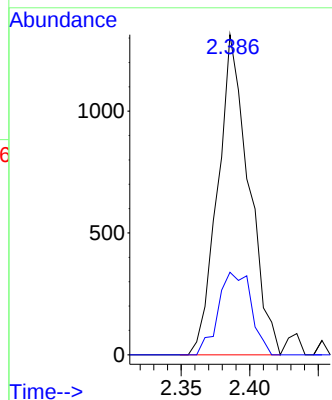
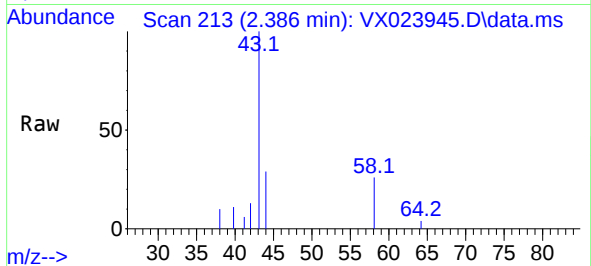




#16
Acetone
Concen: 2.409 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

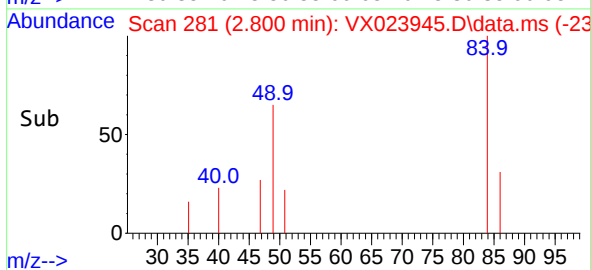
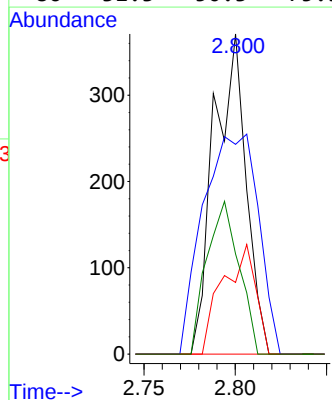
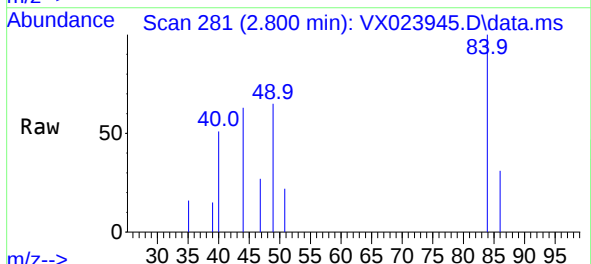
Instrument :
MSVOA_X
ClientSampled :

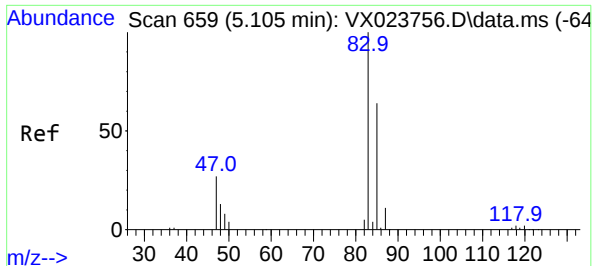
Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion: 84 Resp: 455
Ion Ratio Lower Upper
84 100
49 65.5 88.6 132.8#
51 22.4 27.0 40.6#
86 31.3 50.3 75.5#





#30

Chloroform

Concen: 0.935 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023945.D

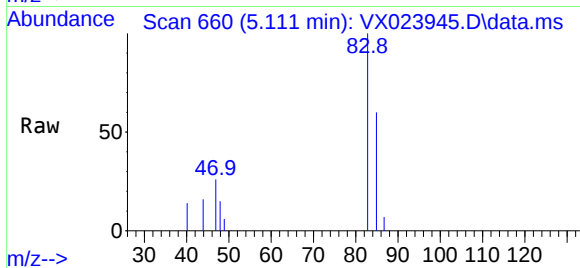
Acq: 25 Aug 2021 17:52

Tgt Ion: 83 Resp: 2673

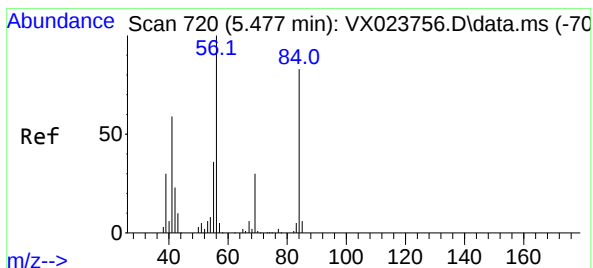
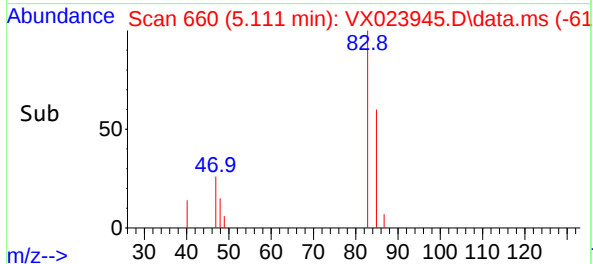
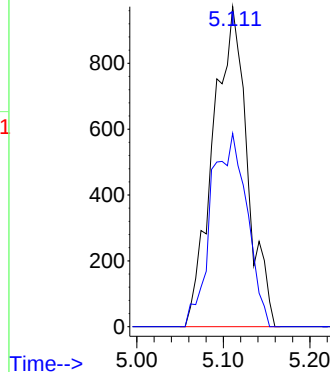
Ion Ratio Lower Upper

83 100

85 60.4 52.0 78.0



Abundance



#31

Cyclohexane

Concen: 1.347 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023945.D

Acq: 25 Aug 2021 17:52

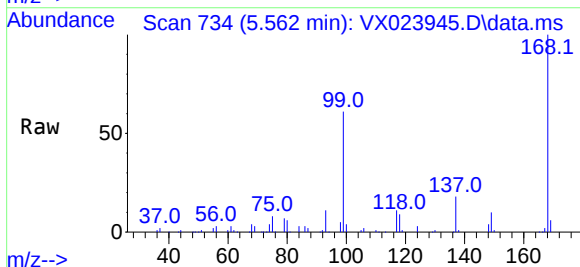
Tgt Ion: 56 Resp: 3327

Ion Ratio Lower Upper

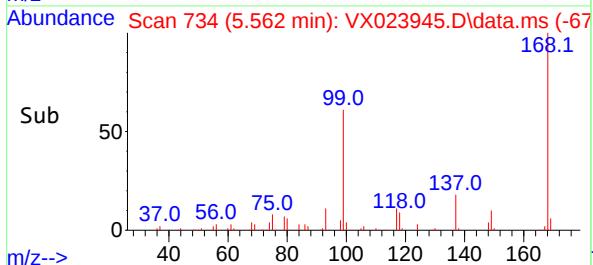
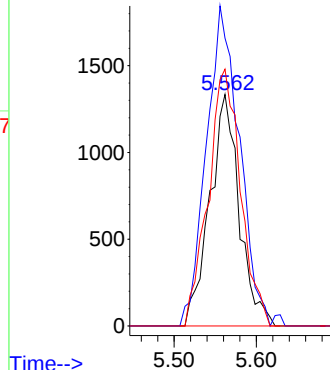
56 100

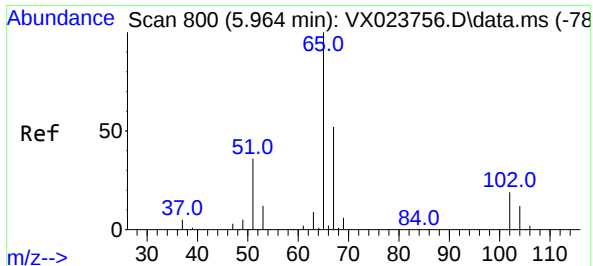
69 124.4 25.3 37.9#

84 110.9 71.4 107.0#



Abundance



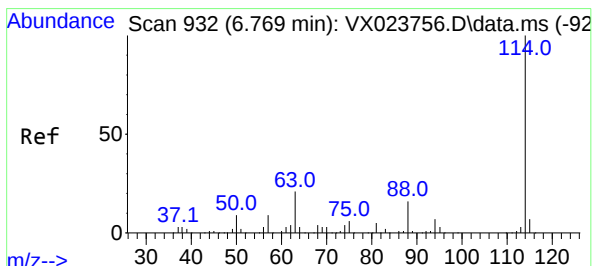
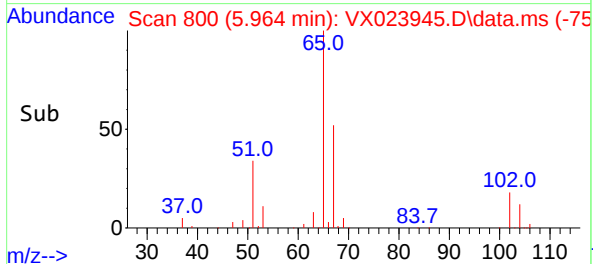
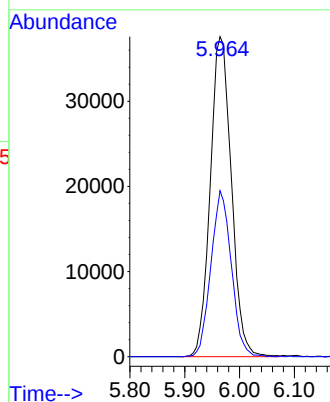
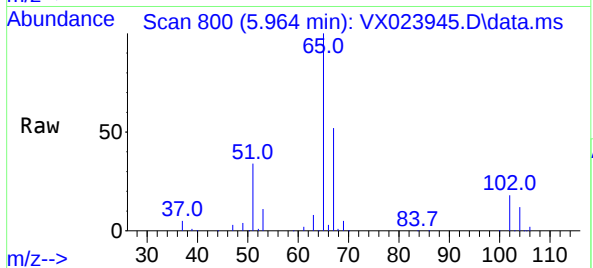


#33

1,2-Dichloroethane-d4
Concen: 52.265 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Instrument :
MSVOA_X
ClientSampleId :

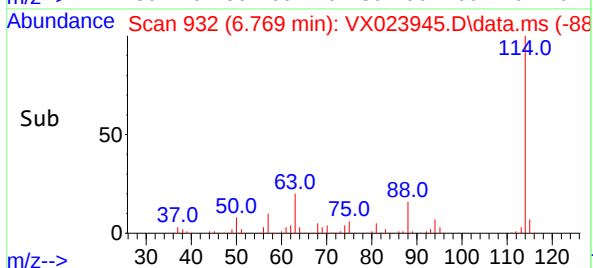
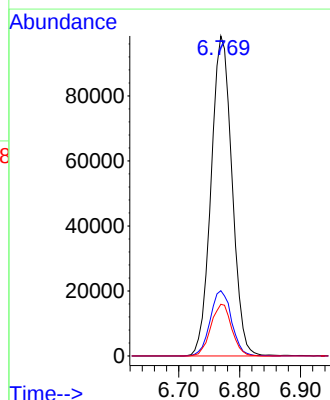
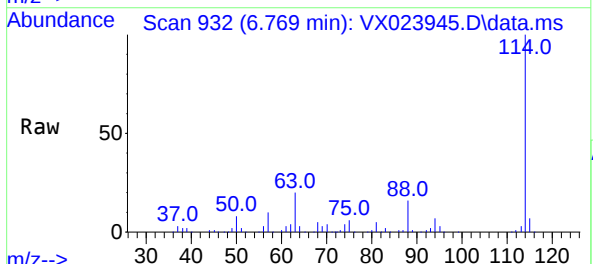
Tgt Ion: 65 Resp: 100476
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

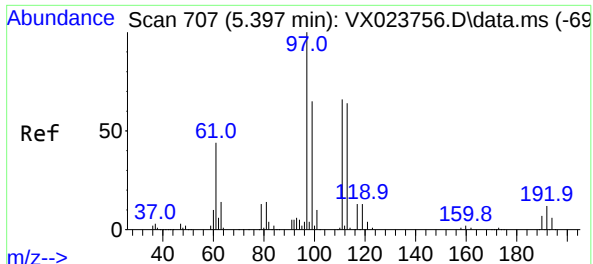


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion: 114 Resp: 234853
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.2 0.0 32.8

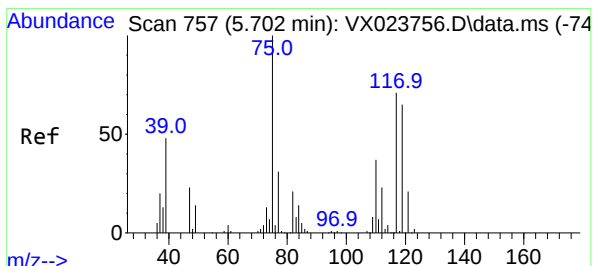
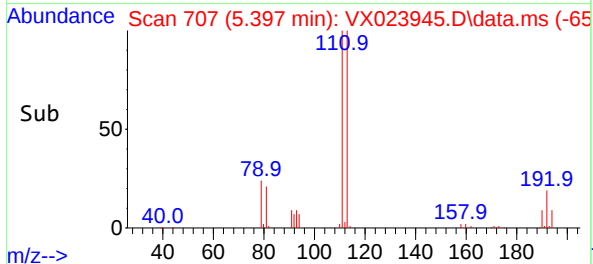
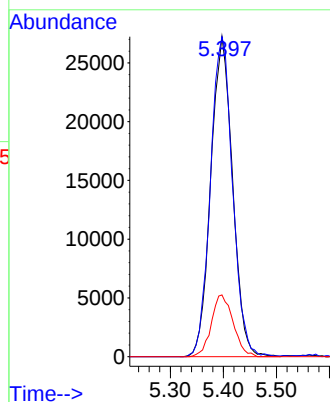
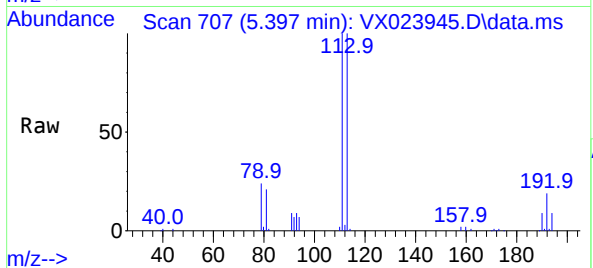




#35
Dibromofluoromethane
Concen: 49.934 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

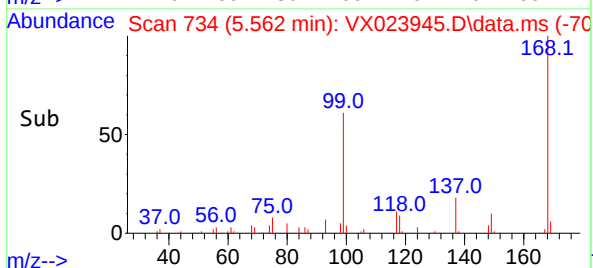
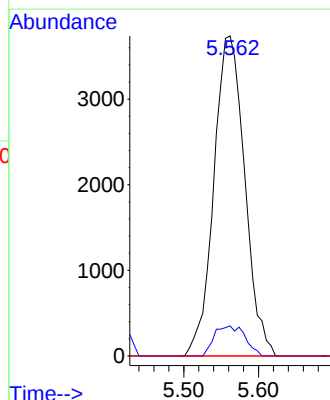
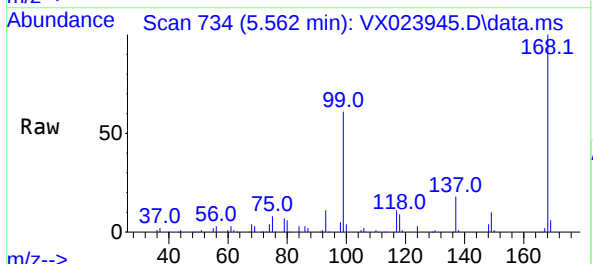
Instrument :
MSVOA_X
ClientSampleId :

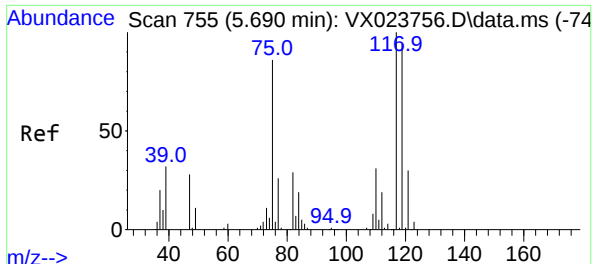
Tgt Ion:113 Resp: 77619
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.947 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

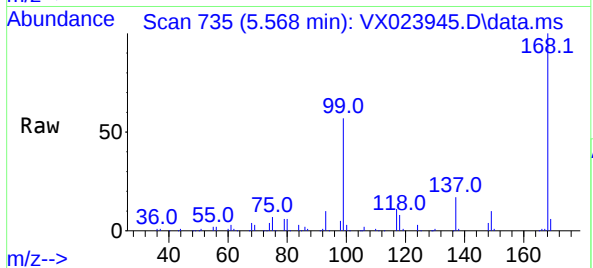
Tgt Ion: 75 Resp: 10759
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



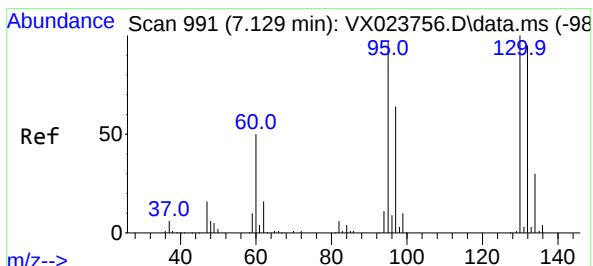
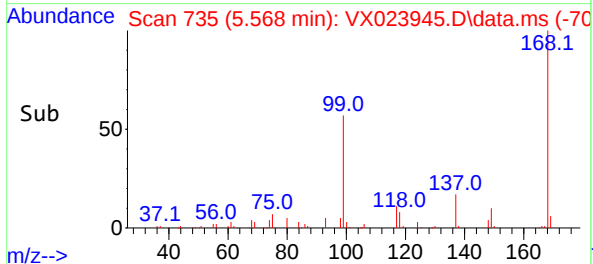
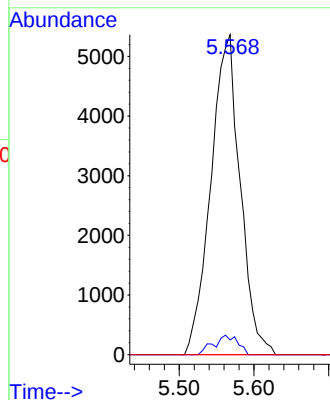


#38
Carbon Tetrachloride
Concen: 6.461 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Instrument :
MSVOA_X
ClientSampled :

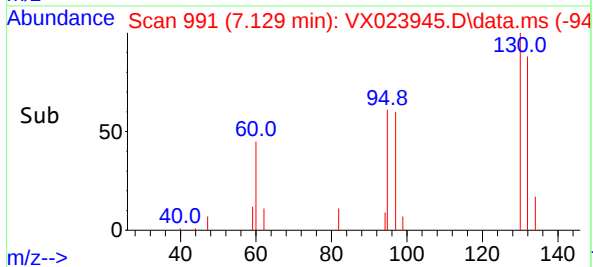
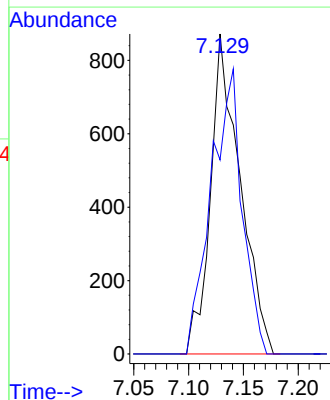
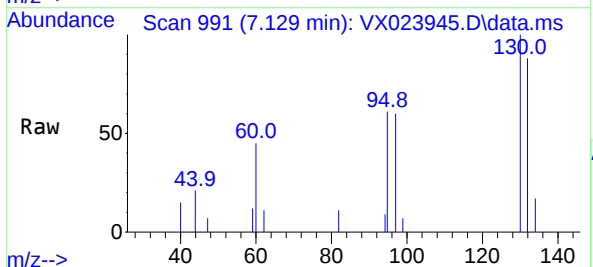


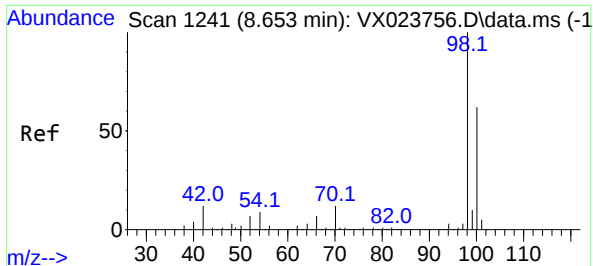
Tgt Ion:117 Resp: 14654
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.923 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion:130 Resp: 1639
Ion Ratio Lower Upper
130 100
95 60.7 0.0 198.0





#50

Toluene-d8

Concen: 48.815 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023945.D

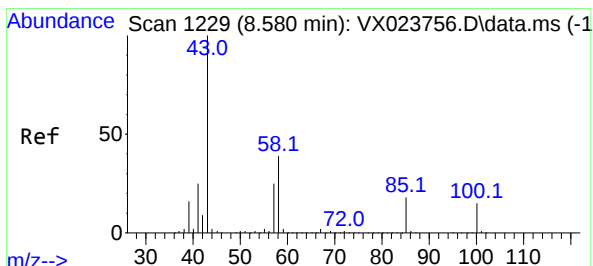
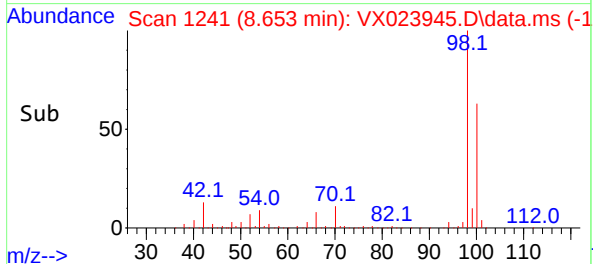
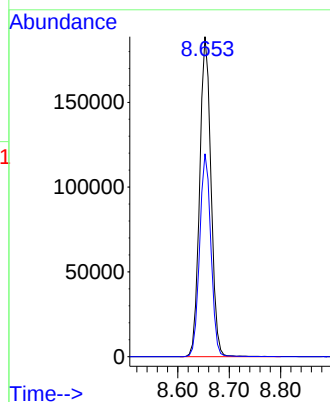
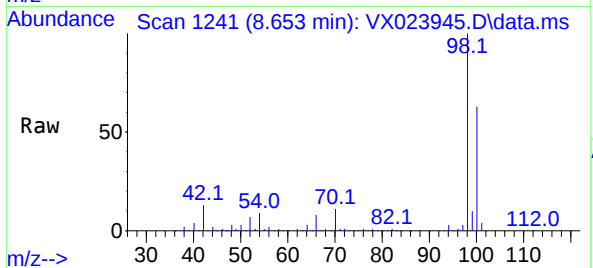
Acq: 25 Aug 2021 17:52

Tgt Ion: 98 Resp: 288803

Ion Ratio Lower Upper

98 100

100 63.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.530 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023945.D

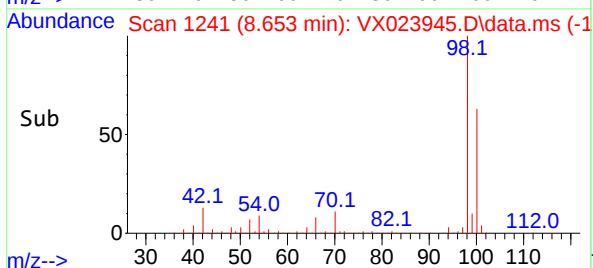
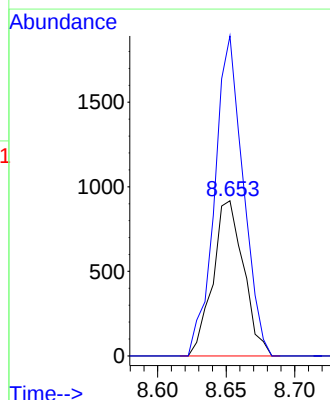
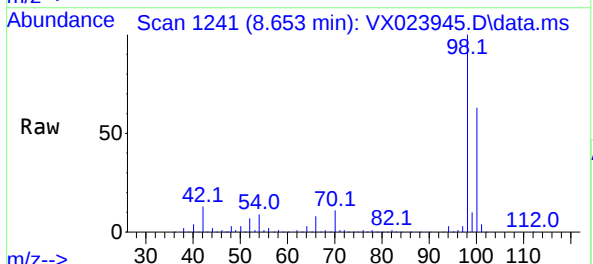
Acq: 25 Aug 2021 17:52

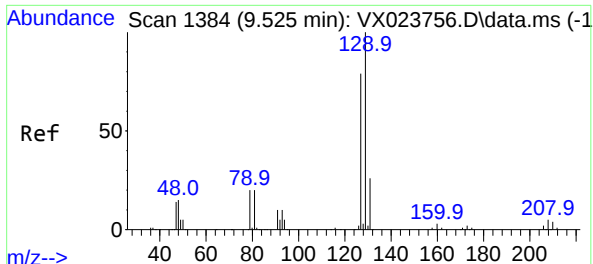
Tgt Ion: 43 Resp: 1433

Ion Ratio Lower Upper

43 100

58 191.3 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.708 ug/l

RT: 9.287 min Scan# 1345

Delta R.T. -0.238 min

Lab File: VX023945.D

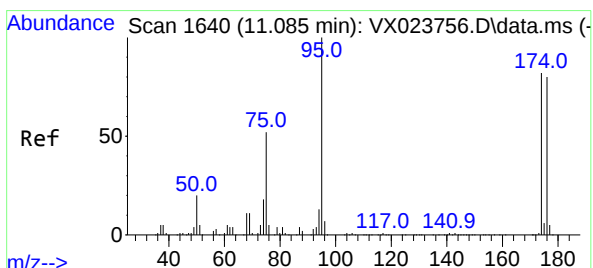
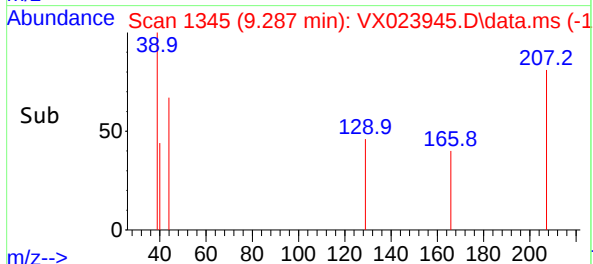
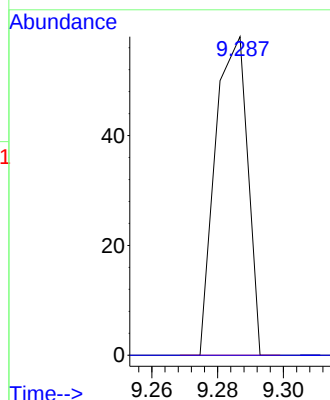
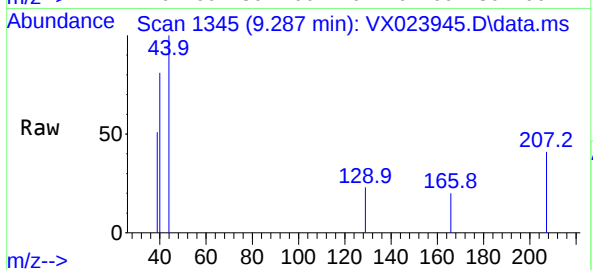
Acq: 25 Aug 2021 17:52

Tgt Ion:129 Resp: 40

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.620 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023945.D

Acq: 25 Aug 2021 17:52

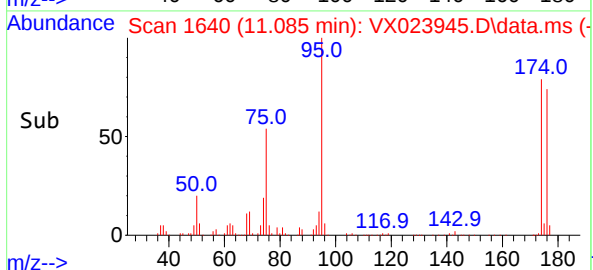
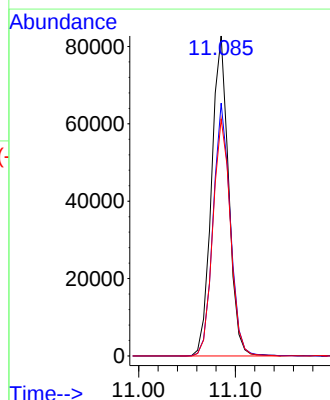
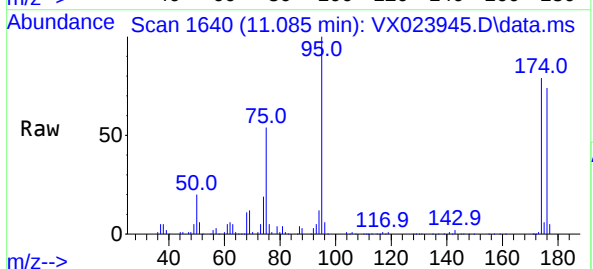
Tgt Ion: 95 Resp: 101536

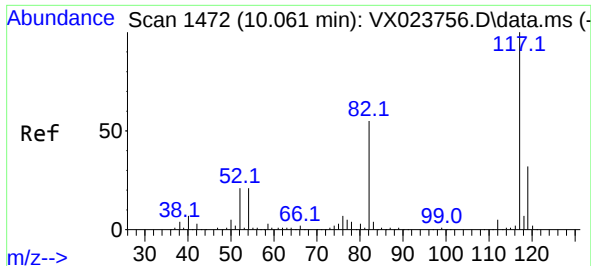
Ion Ratio Lower Upper

95 100

174 78.8 0.0 154.6

176 75.9 0.0 155.8

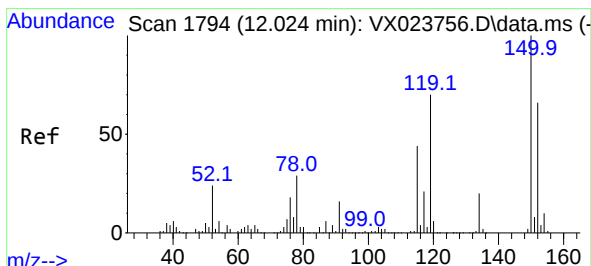
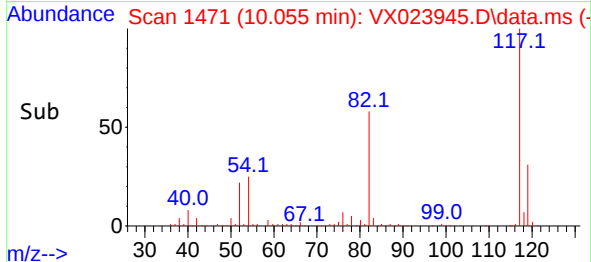
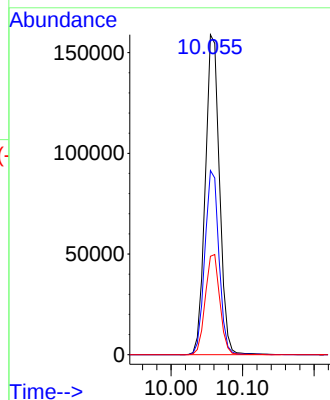
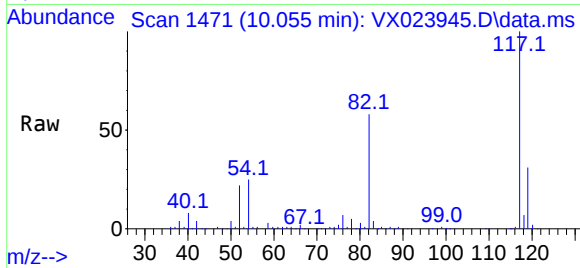




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

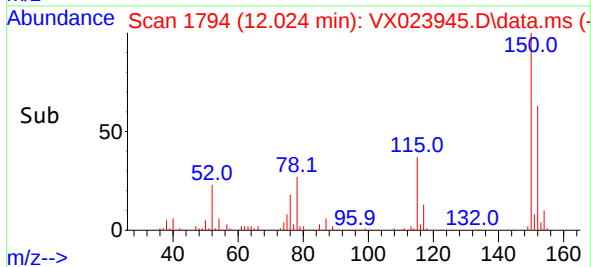
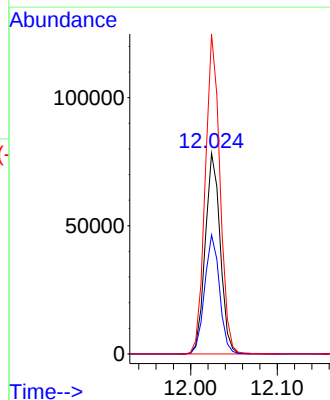
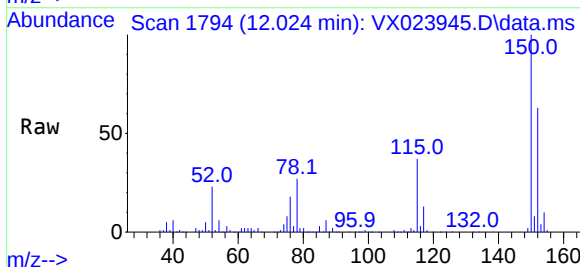
Instrument :
MSVOA_X
ClientSampleId :

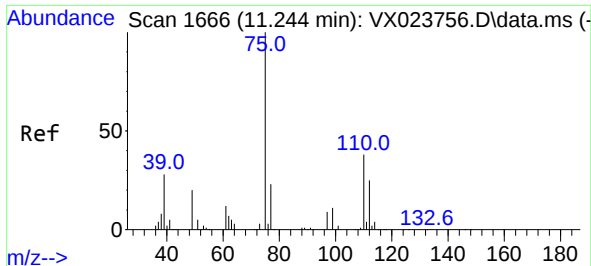
Tgt Ion:117 Resp: 219759
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Tgt Ion:152 Resp: 94170
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 156.6 0.0 349.0

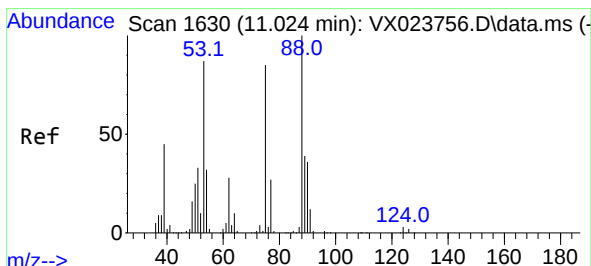
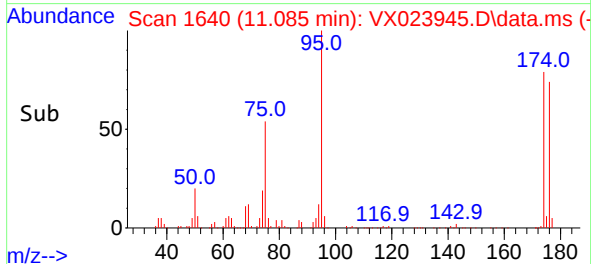
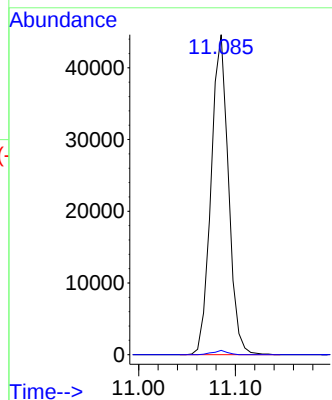
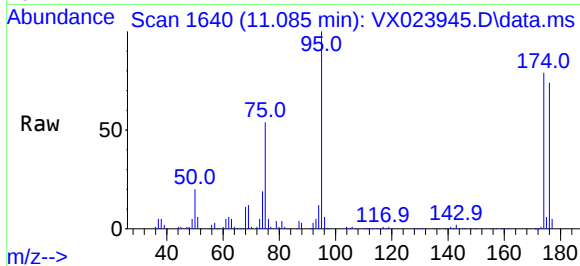




#76
1,2,3-Trichloropropane
Concen: 25.343 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

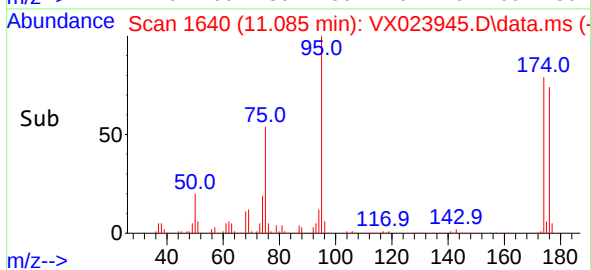
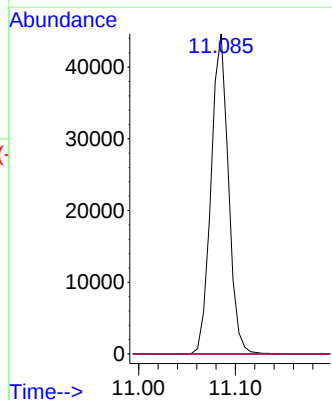
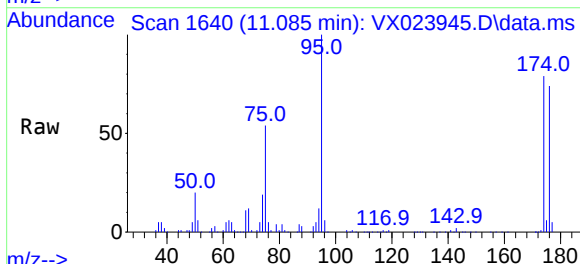
Instrument :
MSVOA_X
ClientSampleId :

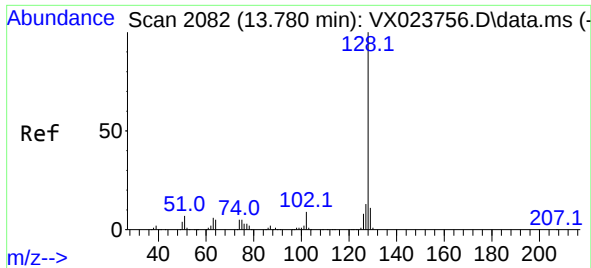
Tgt Ion: 75 Resp: 55671
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.546 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

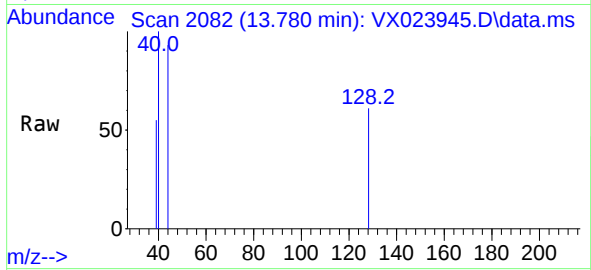
Tgt Ion: 75 Resp: 55671
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.291 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023945.D
Acq: 25 Aug 2021 17:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	63
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

