

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025882.D
 Acq On : 17 Dec 2021 13:55
 Operator : JC/MD
 Sample : M5137-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-G-115-140-121621

Quant Time: Dec 19 02:28:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

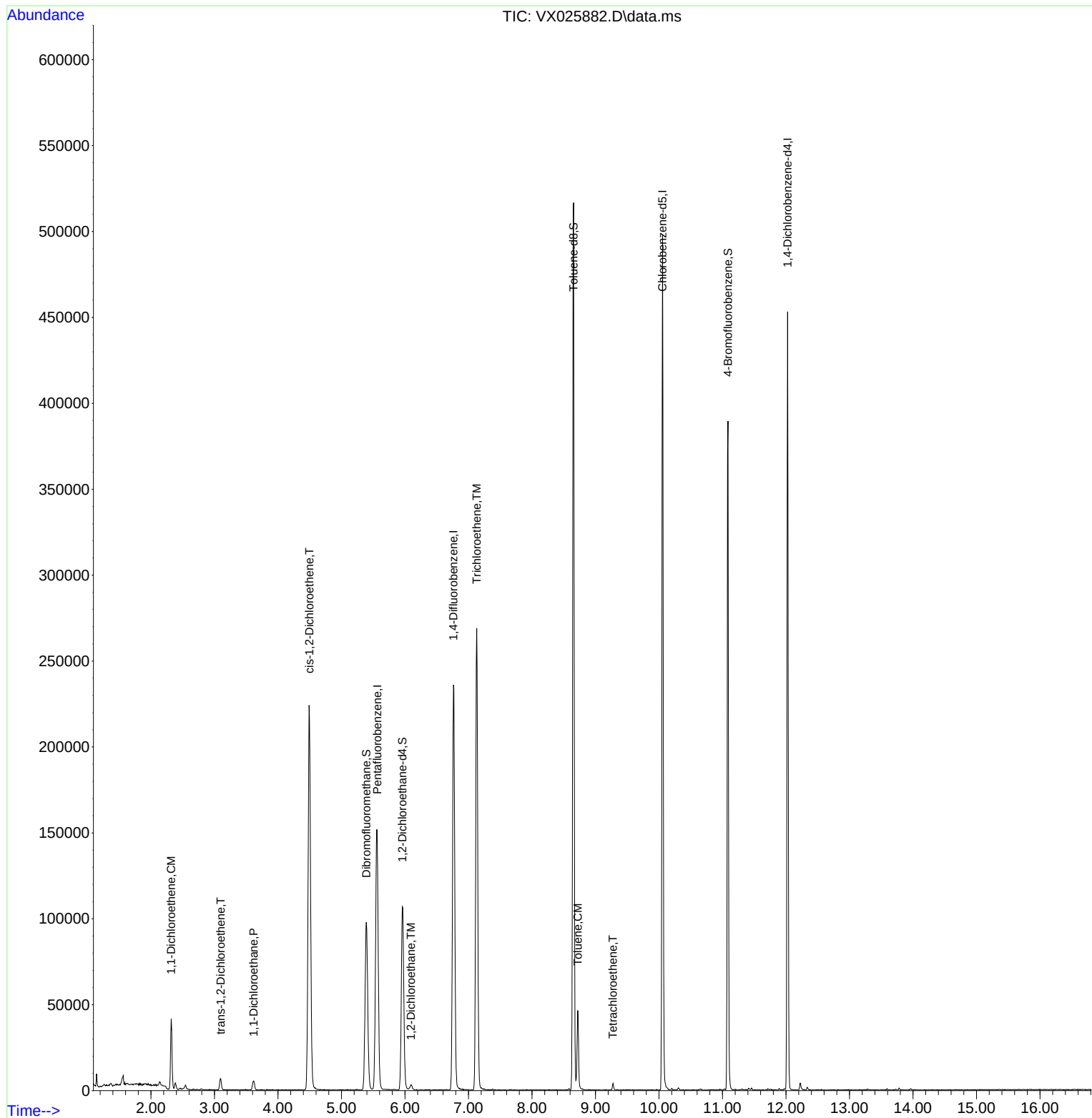
Internal Standards						
1) Pentafluorobenzene	5.562	168	142682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103837	50.580	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.160%	
35) Dibromofluoromethane	5.391	113	84466	49.680	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.360%	
50) Toluene-d8	8.653	98	309728	49.999	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.000%	
62) 4-Bromofluorobenzene	11.085	95	106181	45.123	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.240%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	13365	8.848	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	2719	1.613	ug/l	87
24) 1,1-Dichloroethane	3.617	63	5869	1.922	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	138886	69.484	ug/l	92
42) 1,2-Dichloroethane	6.092	62	2988	1.143	ug/l	91
44) Trichloroethene	7.129	130	102202	53.375	ug/l	90
52) Toluene	8.720	92	17260	3.939	ug/l	99
64) Tetrachloroethene	9.275	164	629	0.357	ug/l	88

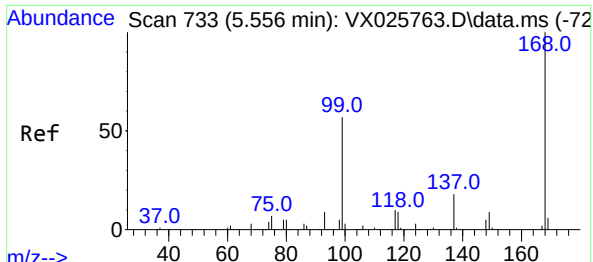
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
GWBR3D-G-115-140-121621

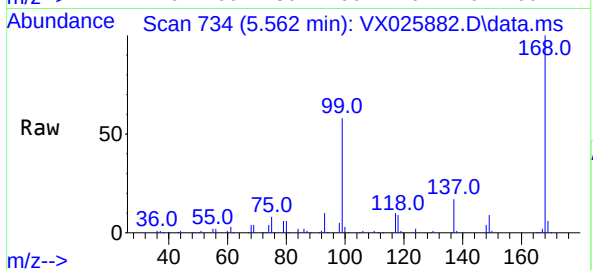
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



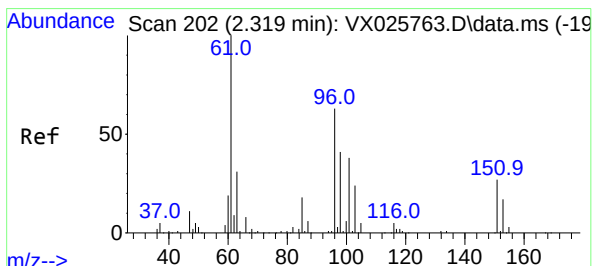
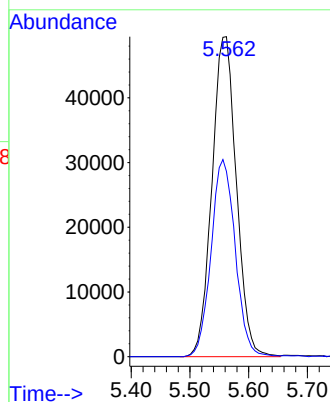
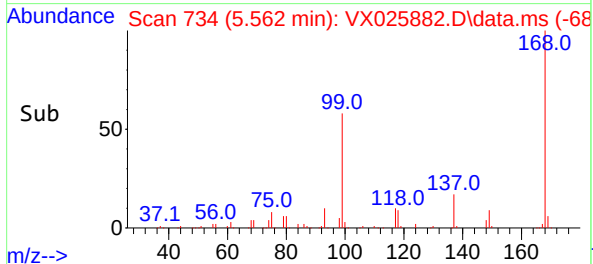


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

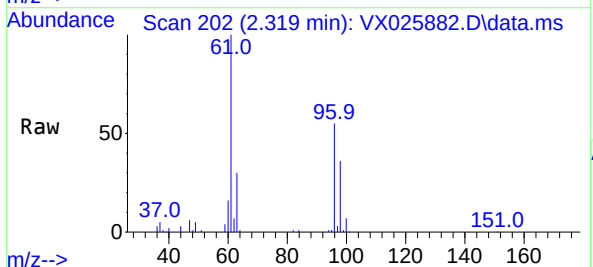
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-115-140-121621



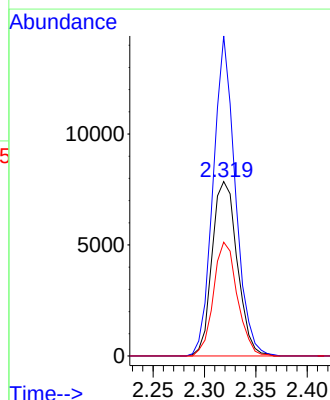
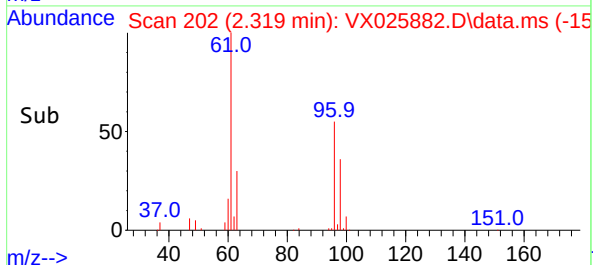
Tgt Ion:168 Resp: 142682
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.8

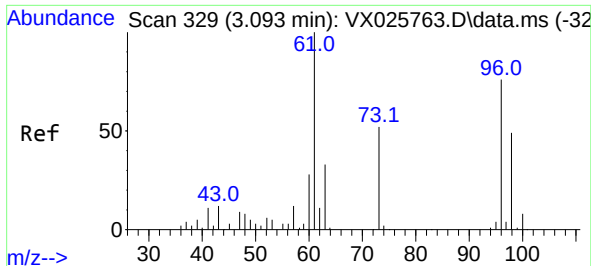


#12
1,1-Dichloroethene
Concen: 8.848 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55



Tgt Ion: 96 Resp: 13365
Ion Ratio Lower Upper
96 100
61 183.5 127.5 191.3
98 65.2 52.0 78.0

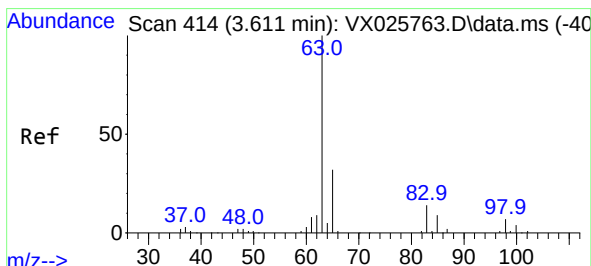
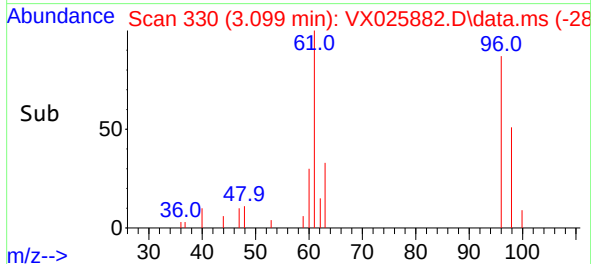
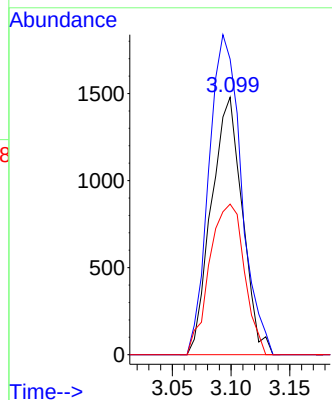
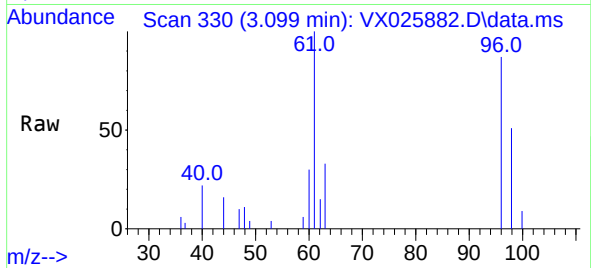




#21
trans-1,2-Dichloroethene
Concen: 1.613 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

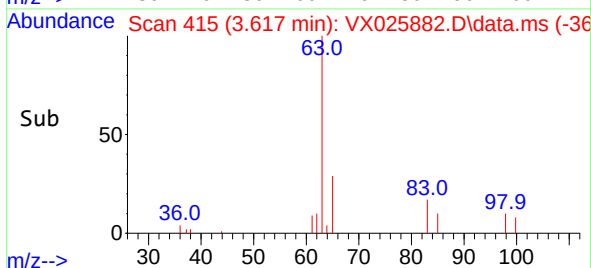
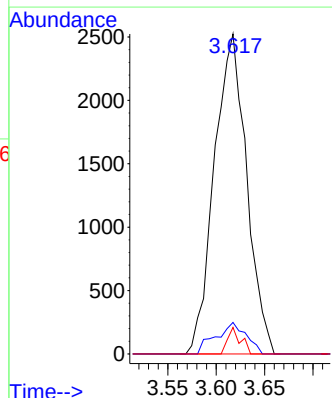
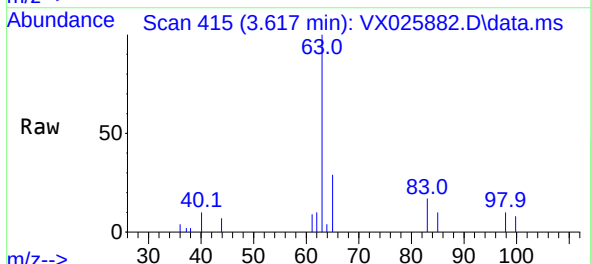
Instrument :
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GWBR3D-G-115-140-121621

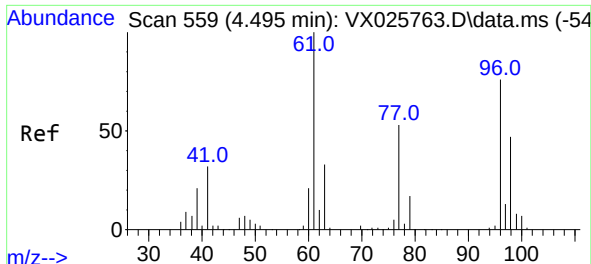
Tgt Ion: 96 Resp: 2719
Ion Ratio Lower Upper
96 100
61 114.7 105.7 158.5
98 58.5 52.1 78.1



#24
1,1-Dichloroethane
Concen: 1.922 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

Tgt Ion: 63 Resp: 5869
Ion Ratio Lower Upper
63 100
98 9.9 3.3 9.9
100 8.3 2.2 6.6#



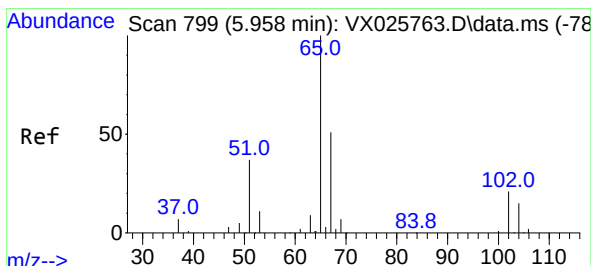
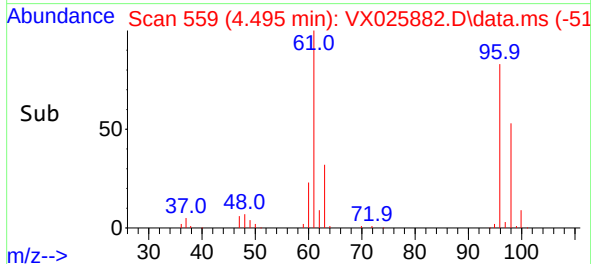
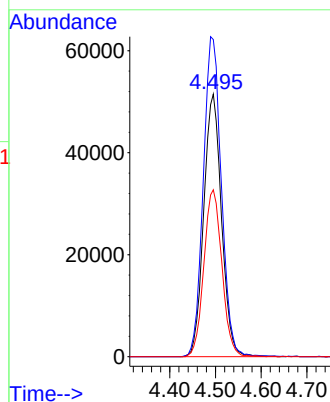
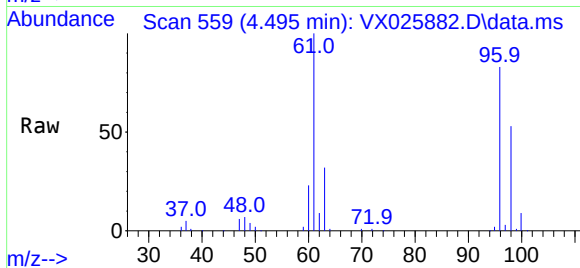


#27
 cis-1,2-Dichloroethene
 Concen: 69.484 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX025882.D
 Acq: 17 Dec 2021 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-G-115-140-121621

Tgt Ion: 96 Resp: 138886

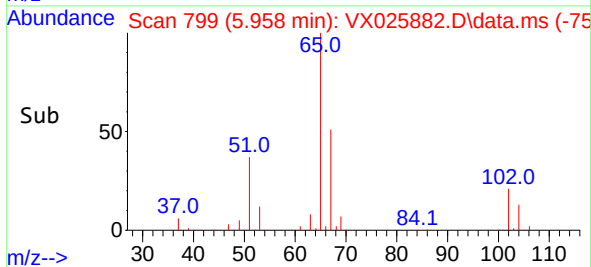
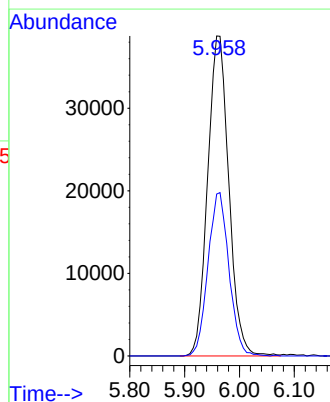
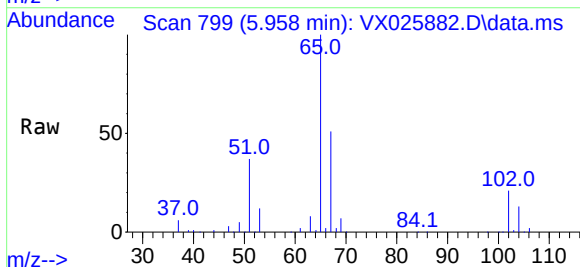
Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	276.8
98	64.5	0.0	130.6

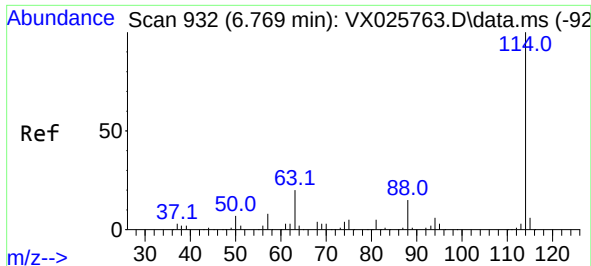


#33
 1,2-Dichloroethane-d4
 Concen: 50.580 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025882.D
 Acq: 17 Dec 2021 13:55

Tgt Ion: 65 Resp: 103837

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.4

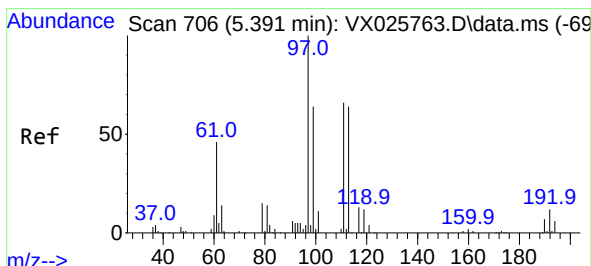
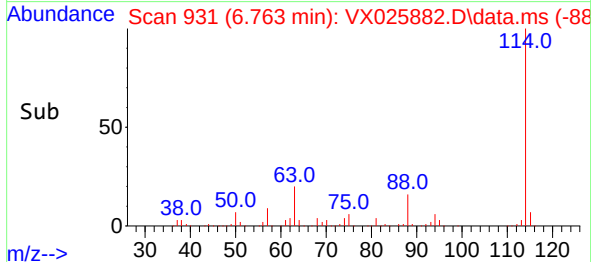
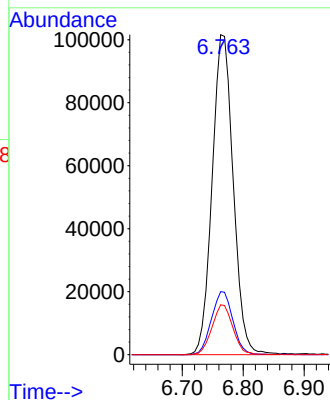
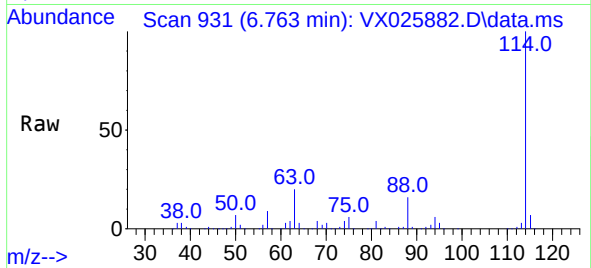




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

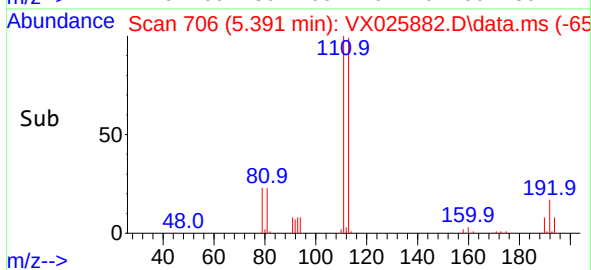
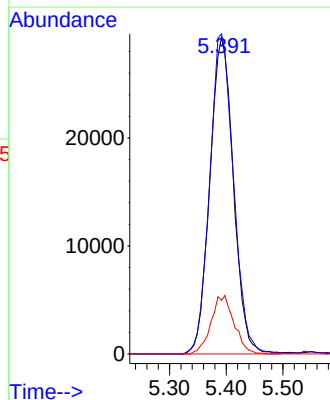
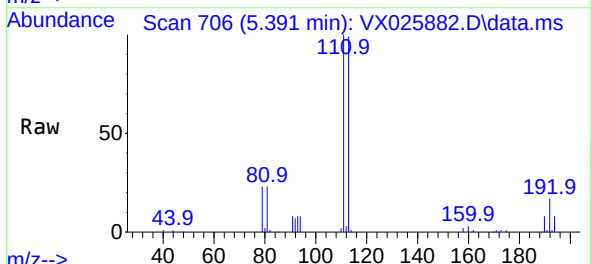
Instrument :
MSVOA_X
ClientSampleId :
GWR3D-G-115-140-121621

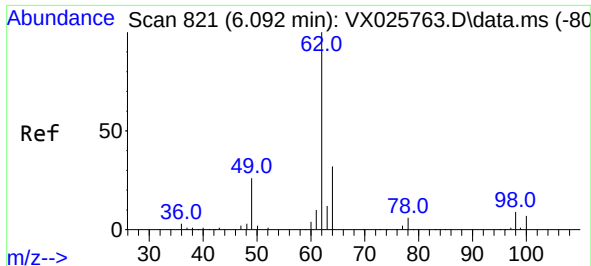
Tgt Ion:114 Resp: 243786
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.680 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

Tgt Ion:113 Resp: 84466
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 18.0 15.0 22.4





#42

1,2-Dichloroethane

Concen: 1.143 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX025882.D

Acq: 17 Dec 2021 13:55

Instrument :

MSVOA_X

ClientSampleId :

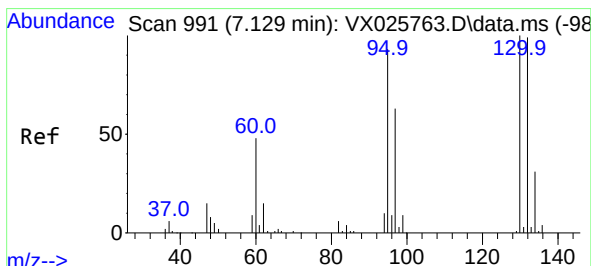
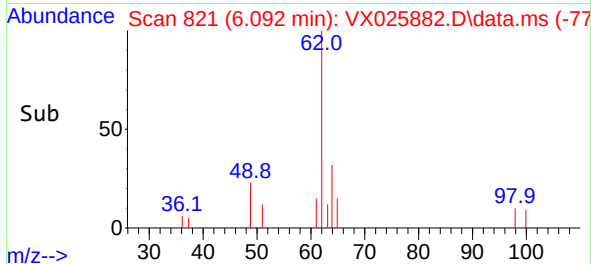
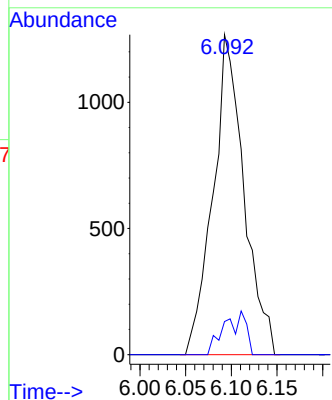
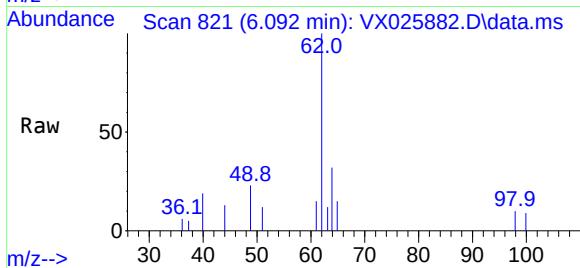
GWBR3D-G-115-140-121621

Tgt Ion: 62 Resp: 2988

Ion Ratio Lower Upper

62 100

98 6.0 0.0 18.8



#44

Trichloroethene

Concen: 53.375 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX025882.D

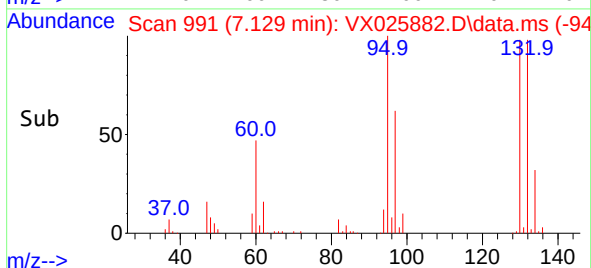
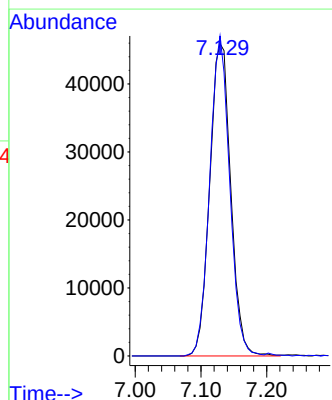
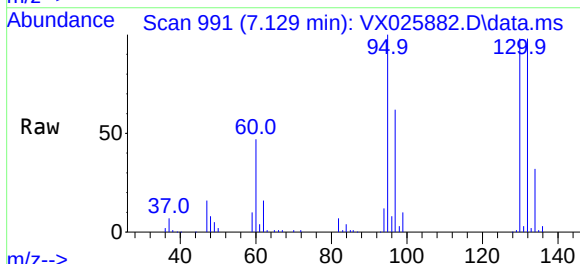
Acq: 17 Dec 2021 13:55

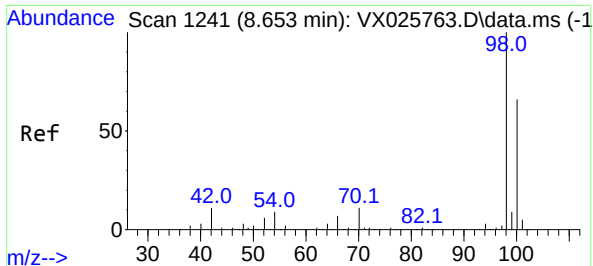
Tgt Ion:130 Resp: 102202

Ion Ratio Lower Upper

130 100

95 102.4 0.0 186.4

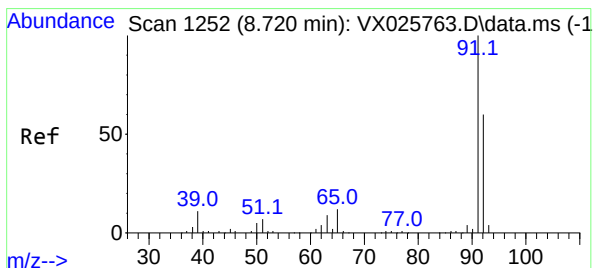
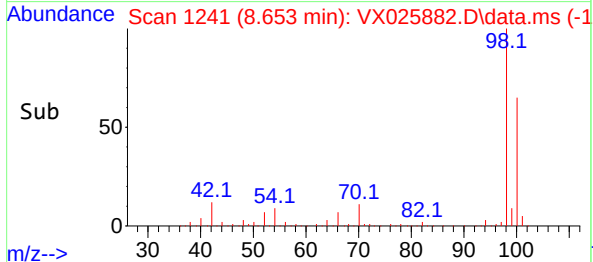
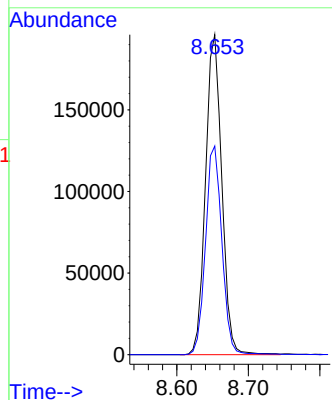
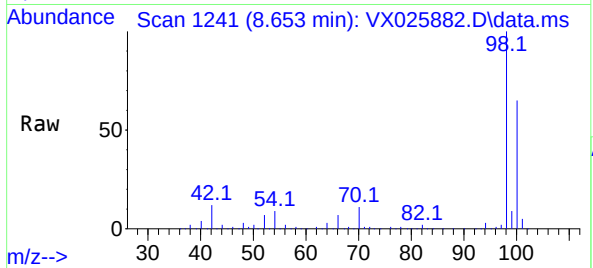




#50
Toluene-d8
Concen: 49.999 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

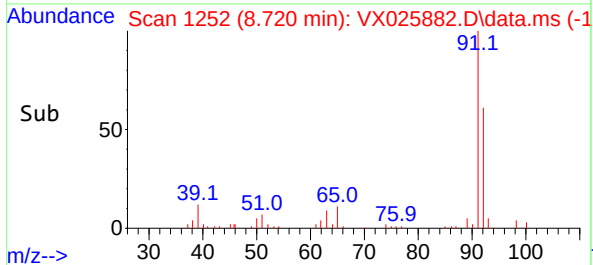
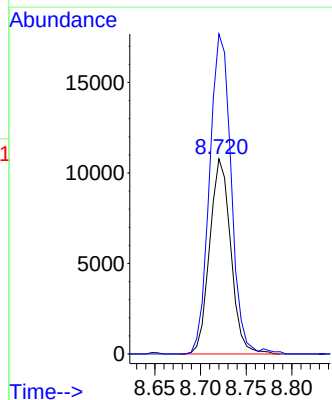
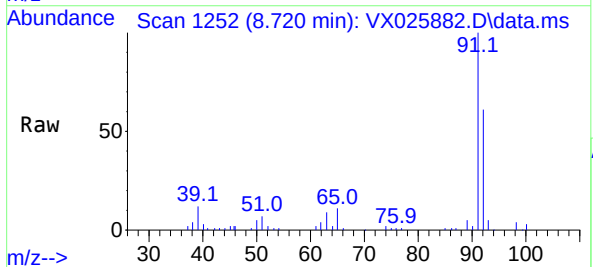
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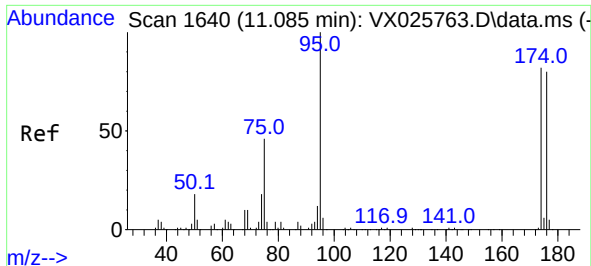
Tgt Ion: 98 Resp: 309728
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#52
Toluene
Concen: 3.939 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

Tgt Ion: 92 Resp: 17260
Ion Ratio Lower Upper
92 100
91 168.7 136.0 204.0

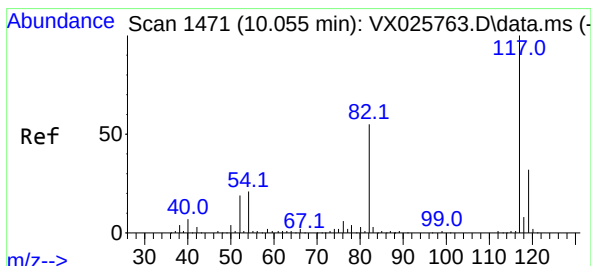
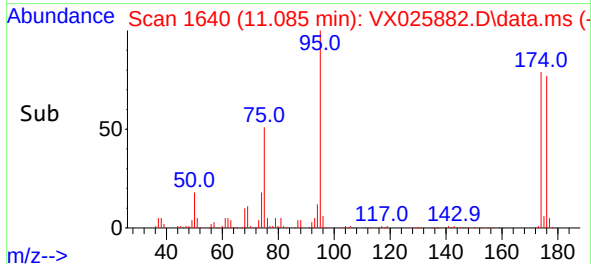
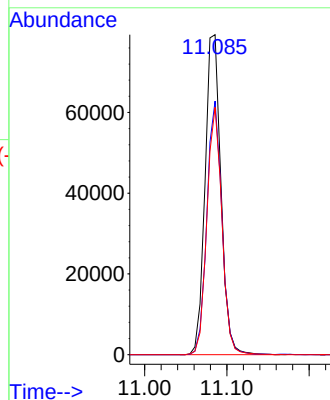
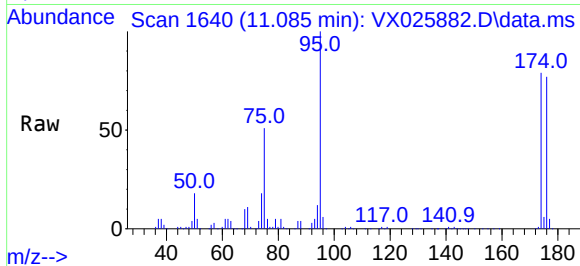




#62
4-Bromofluorobenzene
Concen: 45.123 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

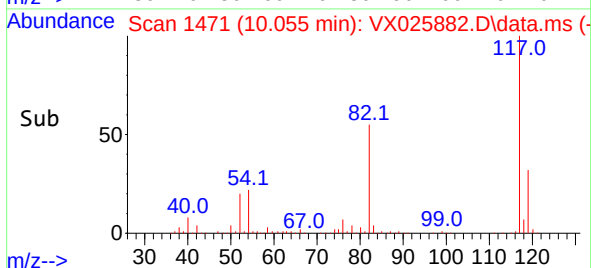
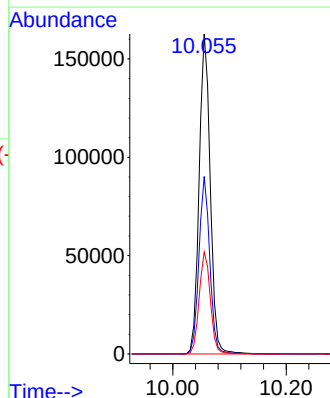
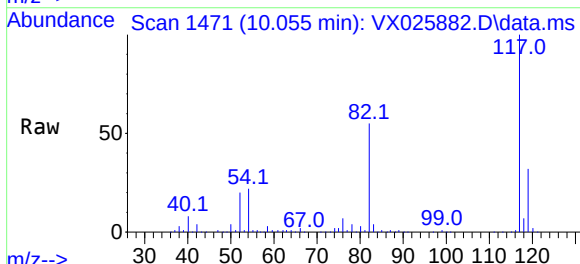
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-115-140-121621

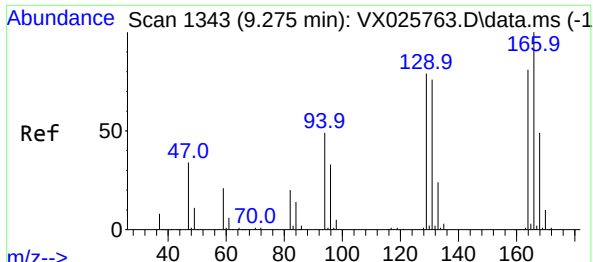
Tgt Ion: 95 Resp: 106181
Ion Ratio Lower Upper
95 100
174 75.2 0.0 157.4
176 73.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

Tgt Ion: 117 Resp: 220574
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.6
119 31.9 25.2 37.8



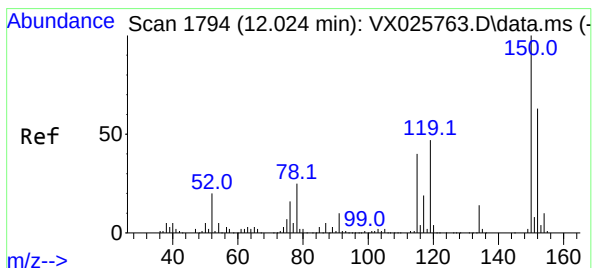
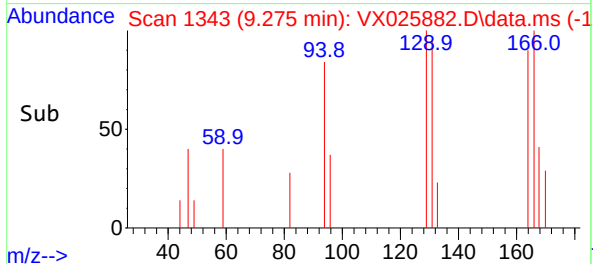
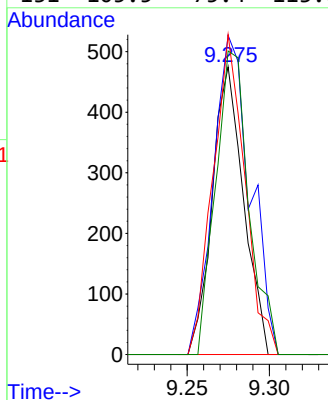
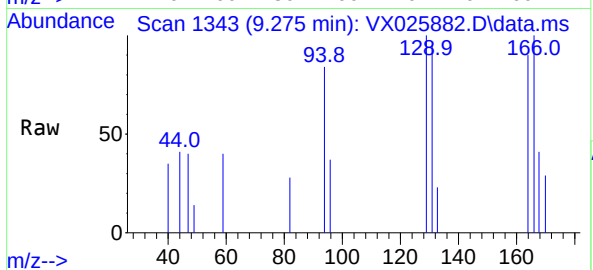


#64
Tetrachloroethene
Concen: 0.357 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-115-140-121621

Tgt Ion:164 Resp: 629

Ion	Ratio	Lower	Upper
164	100		
166	110.9	99.4	149.0
129	111.2	78.6	118.0
131	105.5	75.4	113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025882.D
Acq: 17 Dec 2021 13:55

Tgt Ion:152 Resp: 93441

Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.3	123.9
150	155.7	0.0	351.8

