

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025889.D
 Acq On : 17 Dec 2021 16:40
 Operator : JC/MD
 Sample : M5155-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-G-195-220-121721

Quant Time: Dec 19 02:31:41 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)

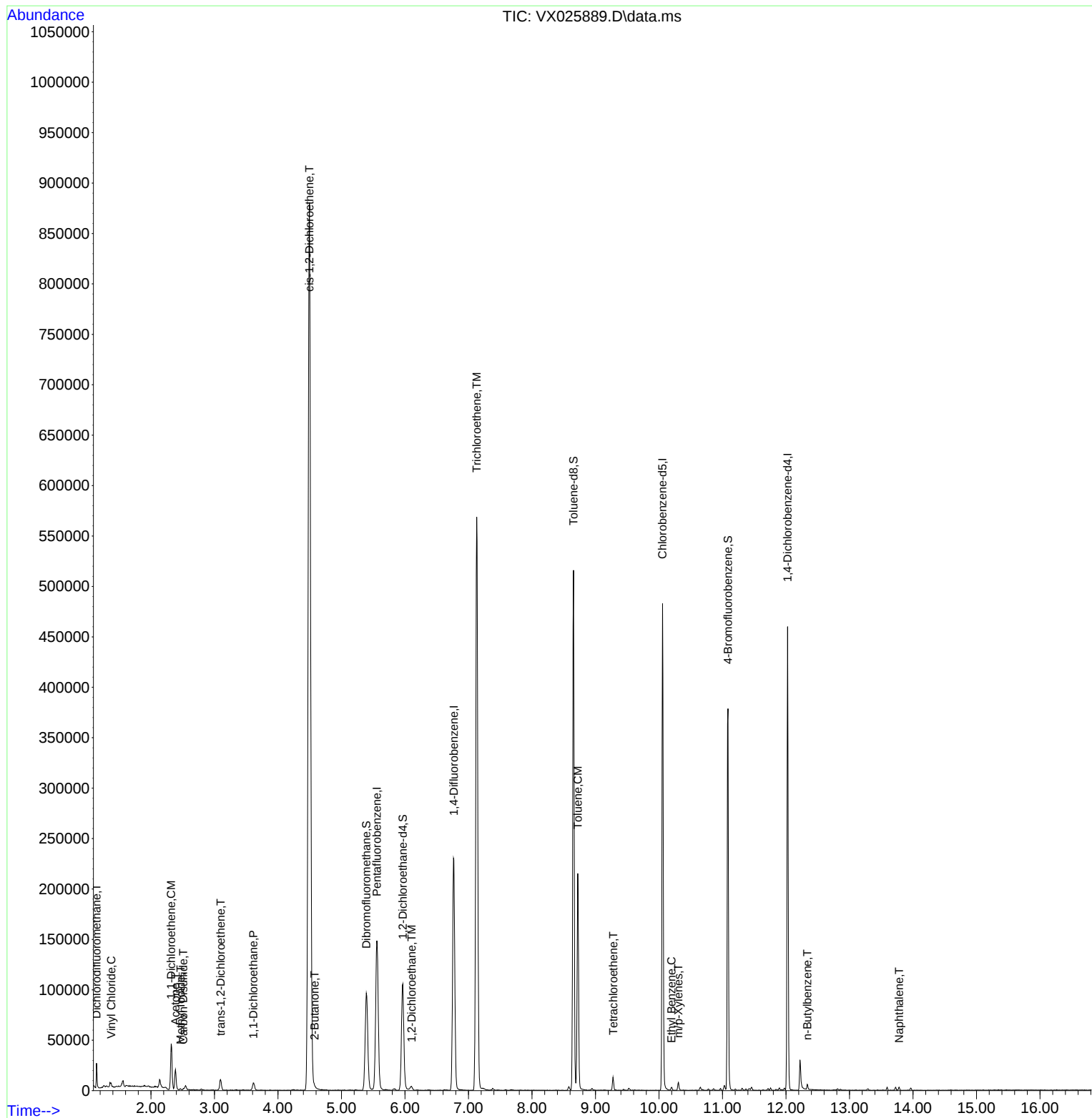
Internal Standards						
1) Pentafluorobenzene	5.556	168	139092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99342	49.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.391	113	82762	50.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.653	98	299003	49.697	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.085	95	103892	45.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.142	85	1828	1.470	ug/l	91
4) Vinyl Chloride	1.374	62	1502	0.872	ug/l #	82
10) Methyl Iodide	2.465	142	1169	0.620	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	14674	9.965	ug/l	94
16) Acetone	2.386	43	21187	3.825	ug/l	94
17) Carbon Disulfide	2.508	76	1766	0.419	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	3985	2.425	ug/l	97
24) 1,1-Dichloroethane	3.611	63	7644	2.568	ug/l	94
25) 2-Butanone	4.574	43	3650	2.712	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	556508	285.605	ug/l	92
42) 1,2-Dichloroethane	6.105	62	4045	1.593	ug/l	100
44) Trichloroethene	7.129	130	217933	117.187	ug/l	97
52) Toluene	8.720	92	80635	18.945	ug/l	99
64) Tetrachloroethene	9.281	164	2181	1.285	ug/l #	80
67) Ethyl Benzene	10.195	91	1959	0.261	ug/l	91
68) m/p-Xylenes	10.305	106	1894	0.649	ug/l	89
89) n-Butylbenzene	12.335	91	1534	0.341	ug/l	94
95) Naphthalene	13.780	128	2139	2.741	ug/l	97

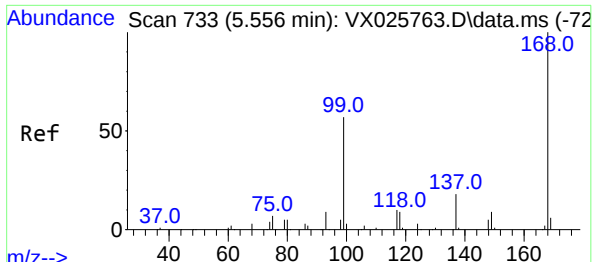
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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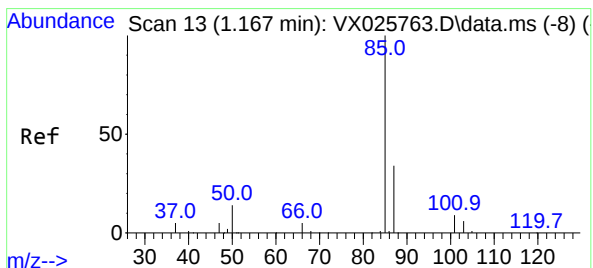
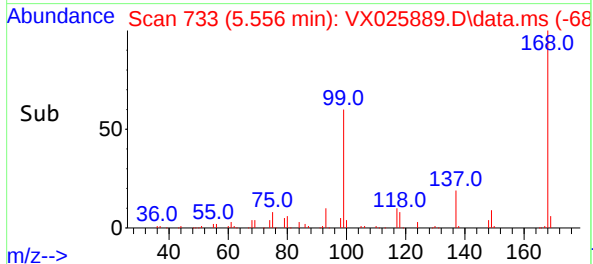
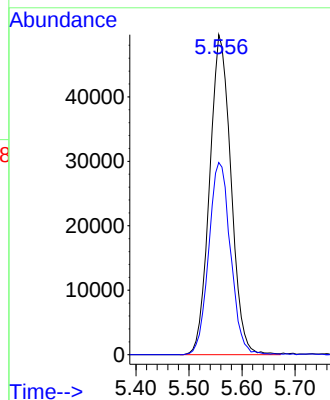
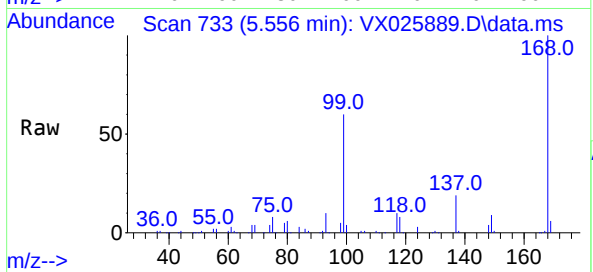




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

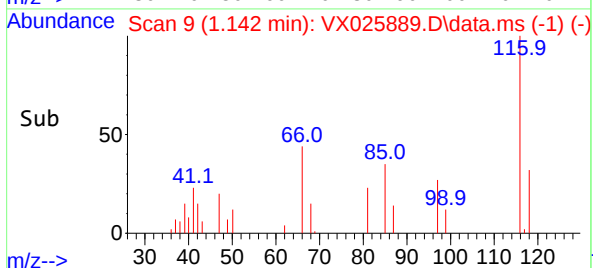
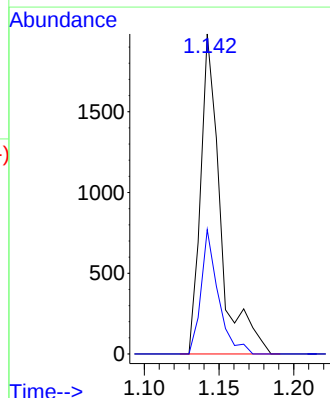
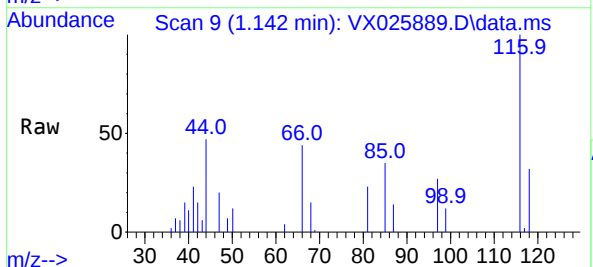
Instrument : MSVOA_X
ClientSampleId : GWBR3D-G-195-220-121721

Tgt Ion:168 Resp: 139092
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.8

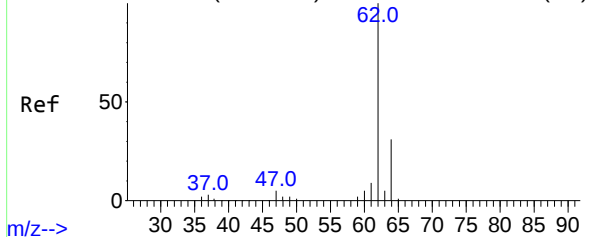


#2
Dichlorodifluoromethane
Concen: 1.470 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion: 85 Resp: 1828
Ion Ratio Lower Upper
85 100
87 38.9 17.0 50.9



Abundance Scan 47 (1.374 min): VX025763.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 0.872 ug/l

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX025889.D

Acq: 17 Dec 2021 16:40

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-G-195-220-121721

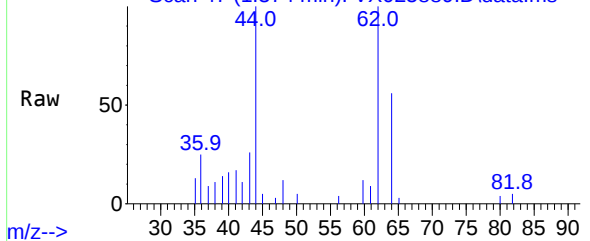
Tgt Ion: 62 Resp: 1502

Ion Ratio Lower Upper

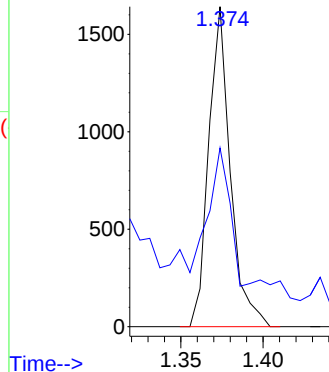
62 100

64 41.5 25.4 38.2#

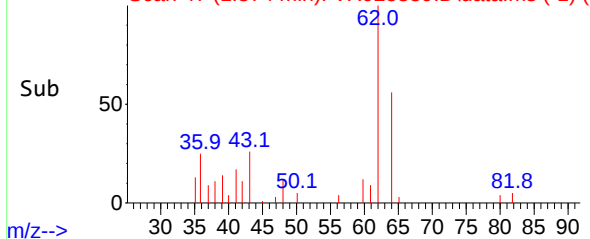
Abundance Scan 47 (1.374 min): VX025889.D\data.ms



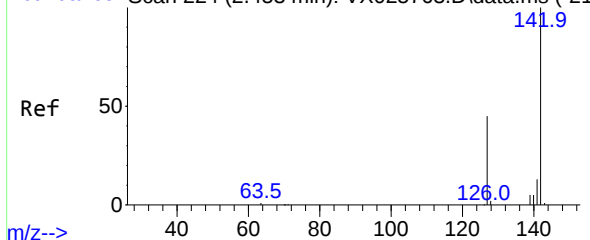
Abundance



Abundance Scan 47 (1.374 min): VX025889.D\data.ms (-1)



Abundance Scan 224 (2.453 min): VX025763.D\data.ms (-21)



#10

Methyl Iodide

Concen: 0.620 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.012 min

Lab File: VX025889.D

Acq: 17 Dec 2021 16:40

Tgt Ion: 142 Resp: 1169

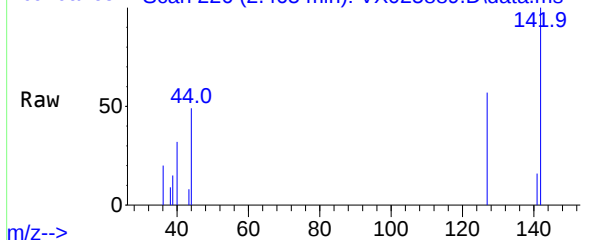
Ion Ratio Lower Upper

142 100

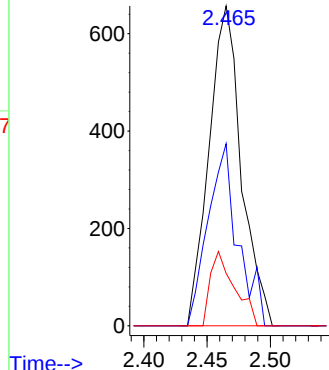
127 52.5 37.5 56.3

141 17.5 11.4 17.0#

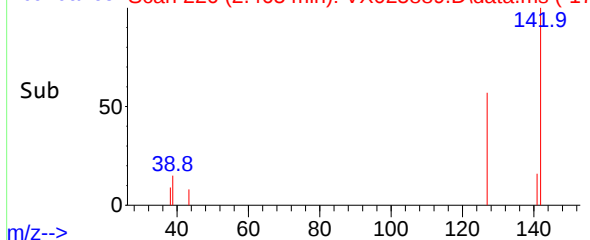
Abundance Scan 226 (2.465 min): VX025889.D\data.ms

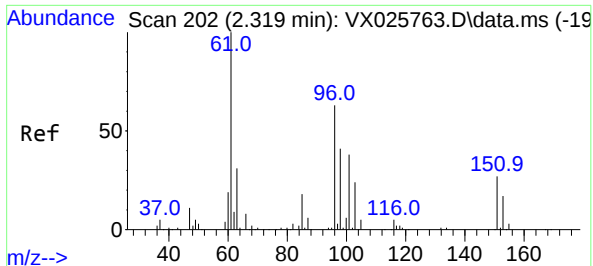


Abundance



Abundance Scan 226 (2.465 min): VX025889.D\data.ms (-17)

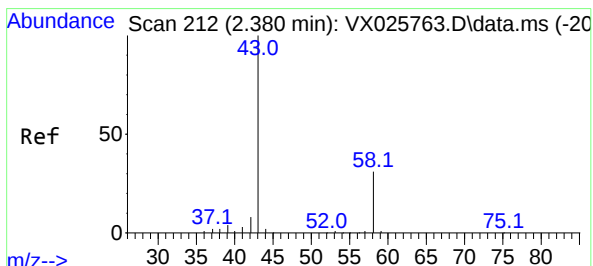
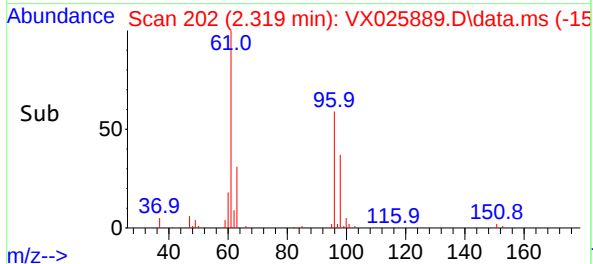
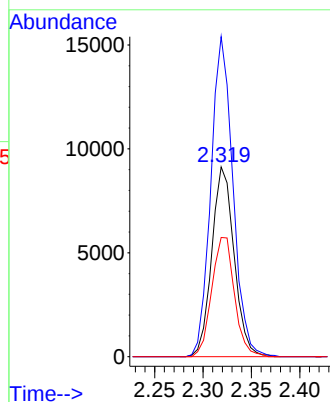
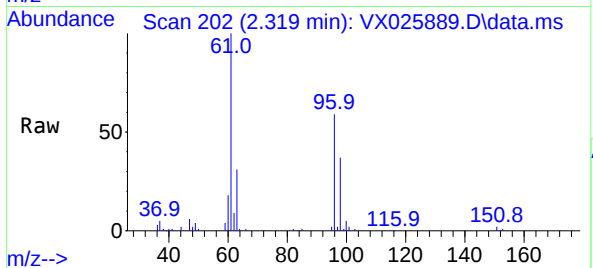




#12
1,1-Dichloroethene
Concen: 9.965 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

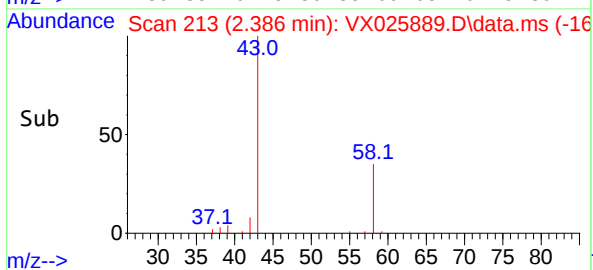
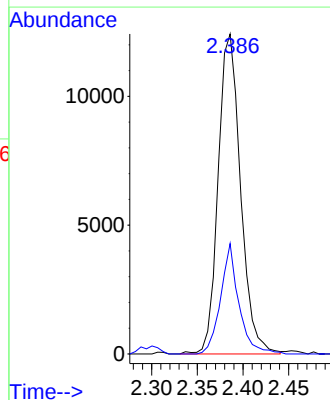
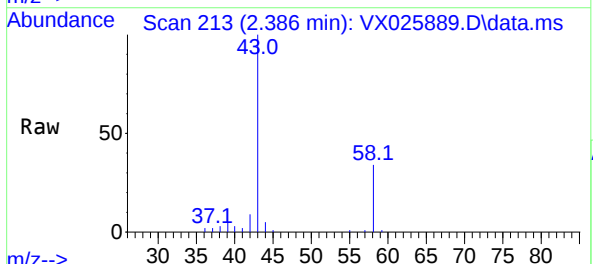
Instrument :
MSVOA_X
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GWBR3D-G-195-220-121721

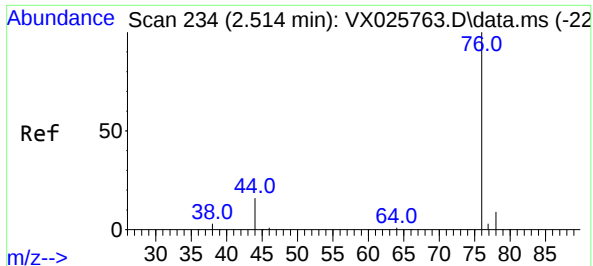
Tgt Ion: 96 Resp: 14674
Ion Ratio Lower Upper
96 100
61 168.7 127.5 191.3
98 62.9 52.0 78.0



#16
Acetone
Concen: 3.825 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion: 43 Resp: 21187
Ion Ratio Lower Upper
43 100
58 34.5 24.8 37.2

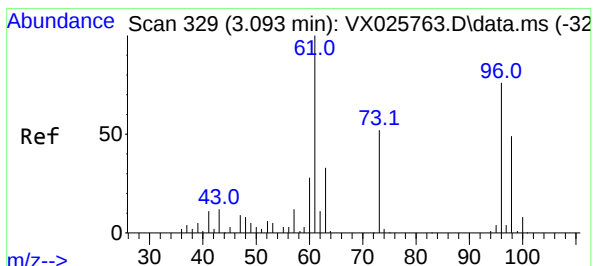
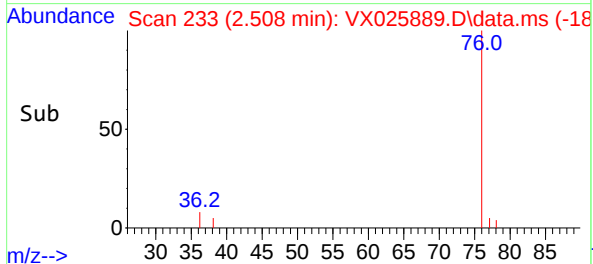
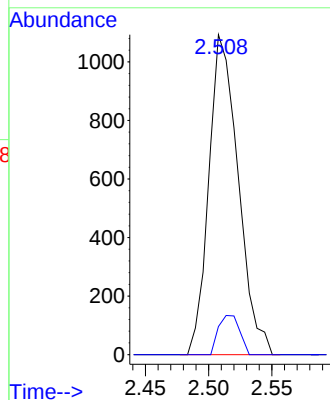
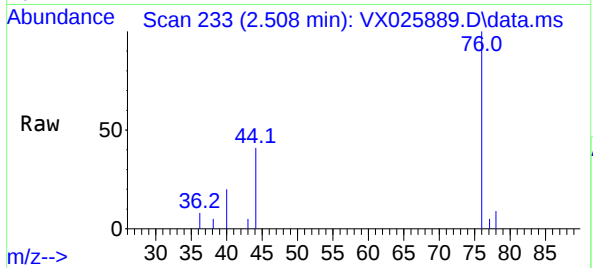




#17
Carbon Disulfide
Concen: 0.419 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

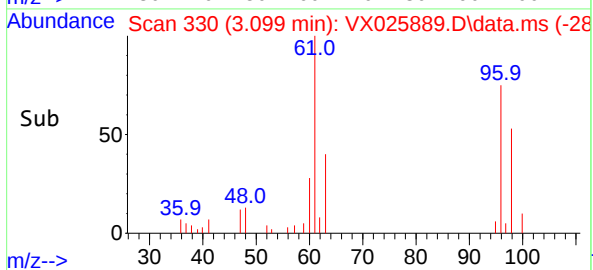
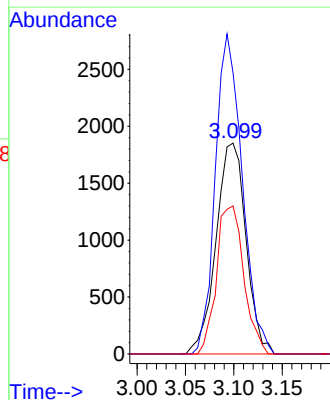
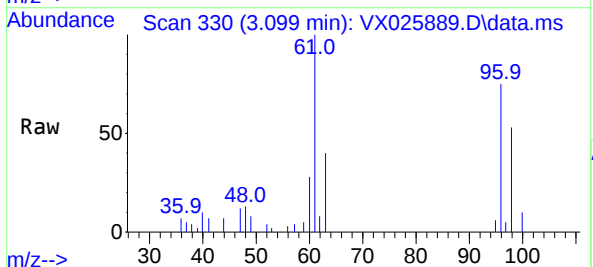
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-195-220-121721

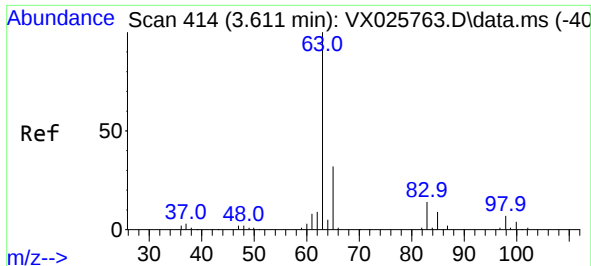
Tgt Ion: 76 Resp: 1766
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#21
trans-1,2-Dichloroethene
Concen: 2.425 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion: 96 Resp: 3985
Ion Ratio Lower Upper
96 100
61 133.5 105.7 158.5
98 70.2 52.1 78.1

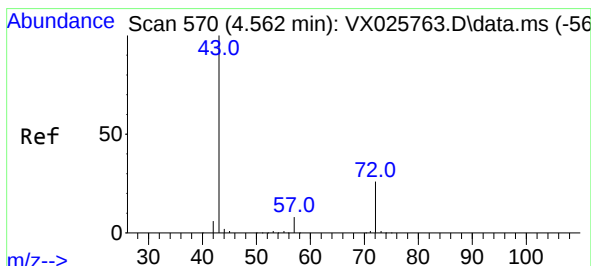
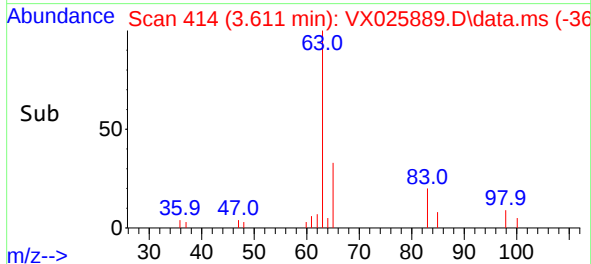
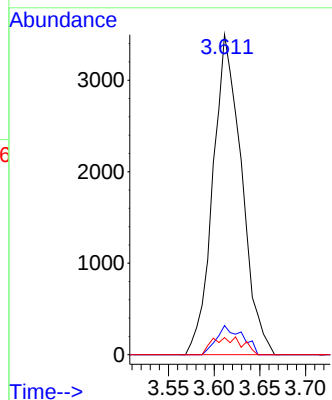
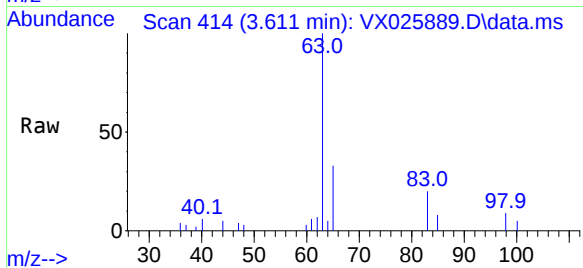




#24
1,1-Dichloroethane
Concen: 2.568 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

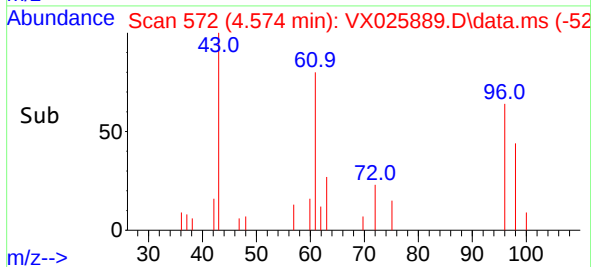
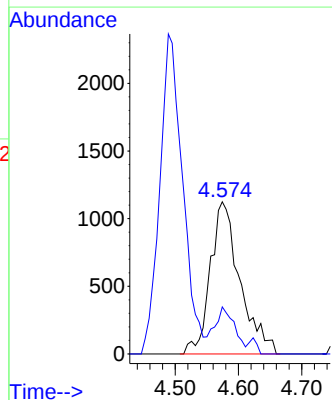
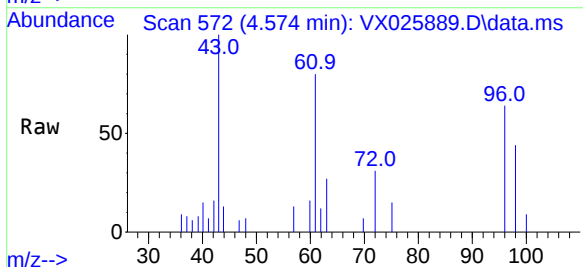
Instrument :
MSVOA_X
ClientSampleId :
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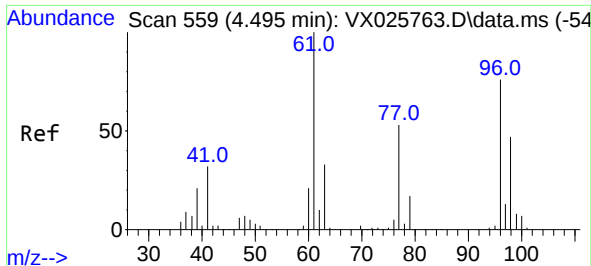
Tgt Ion: 63 Resp: 7644
Ion Ratio Lower Upper
63 100
98 9.1 3.3 9.9
100 5.4 2.2 6.6



#25
2-Butanone
Concen: 2.712 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
72 31.0 21.0 31.4



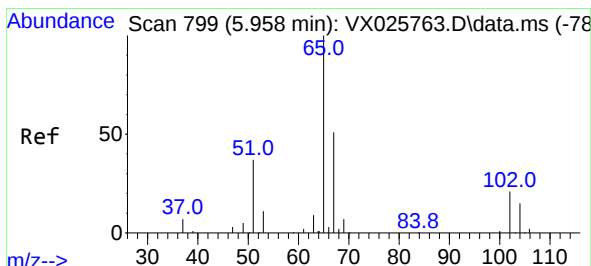
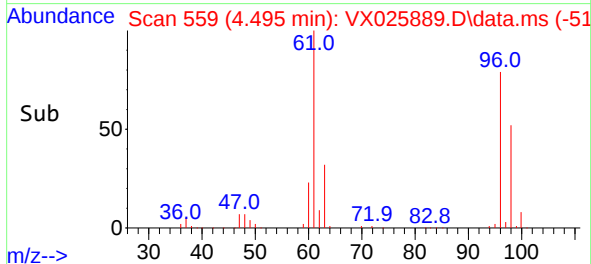
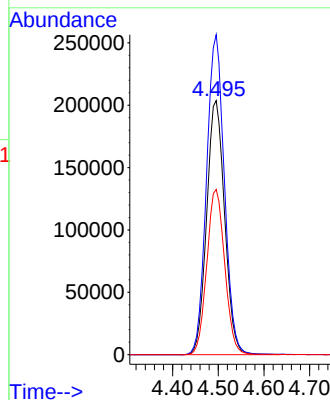
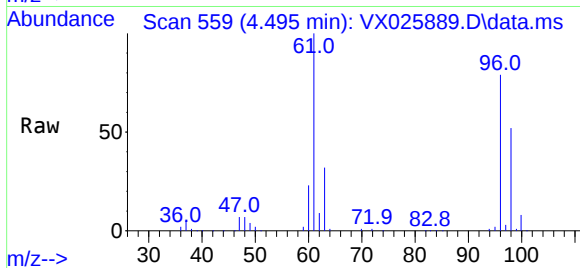


#27
 cis-1,2-Dichloroethene
 Concen: 285.605 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX025889.D
 Acq: 17 Dec 2021 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-G-195-220-121721

Tgt Ion: 96 Resp: 556508

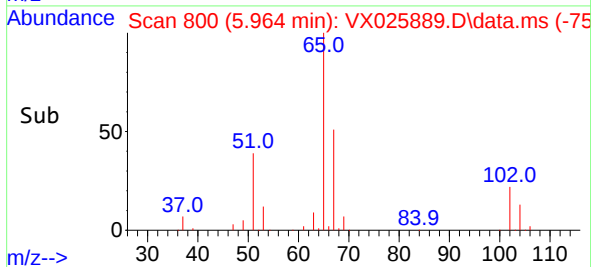
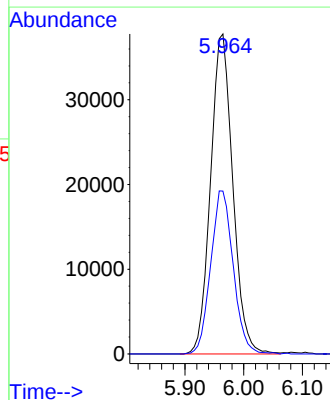
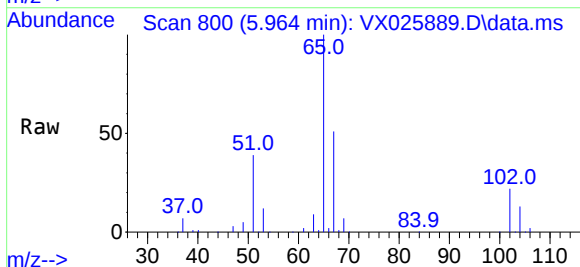
Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	276.8
98	64.9	0.0	130.6

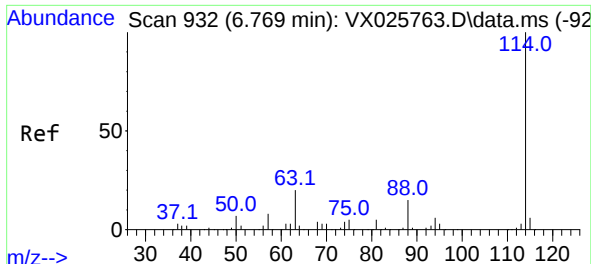


#33
 1,2-Dichloroethane-d4
 Concen: 49.639 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX025889.D
 Acq: 17 Dec 2021 16:40

Tgt Ion: 65 Resp: 99342

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.4

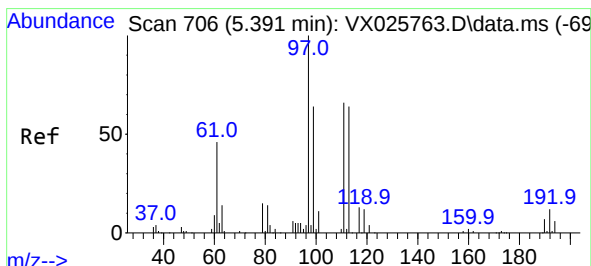
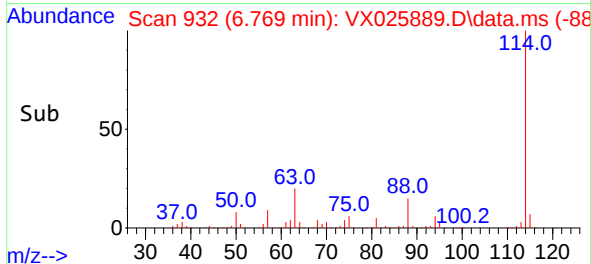
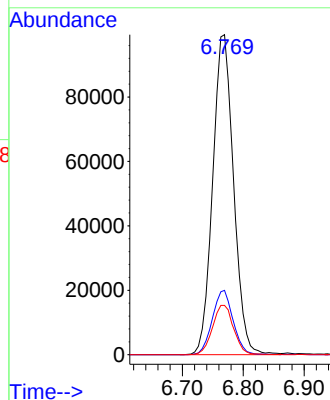
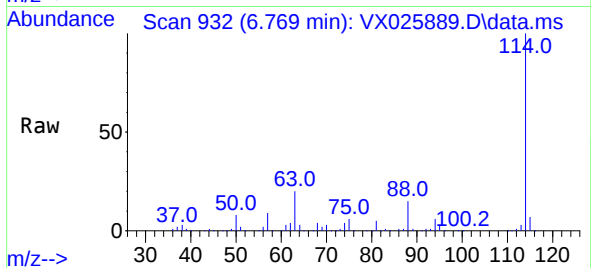




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

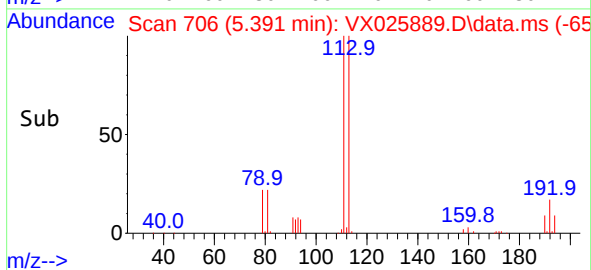
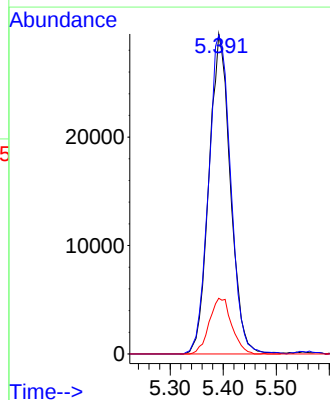
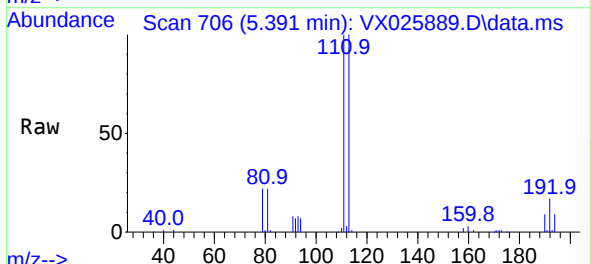
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-195-220-121721

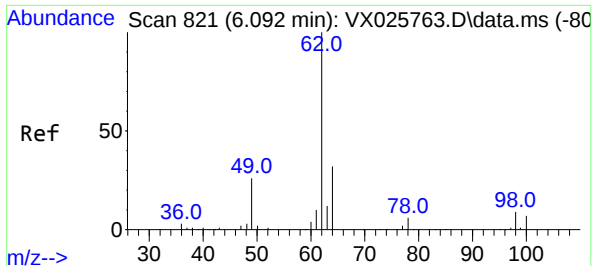
Tgt Ion:114 Resp: 236774
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.120 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion:113 Resp: 82762
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.2 15.0 22.4





#42

1,2-Dichloroethane

Concen: 1.593 ug/l

RT: 6.105 min Scan# 821

Delta R.T. 0.012 min

Lab File: VX025889.D

Acq: 17 Dec 2021 16:40

Instrument :

MSVOA_X

ClientSampleId :

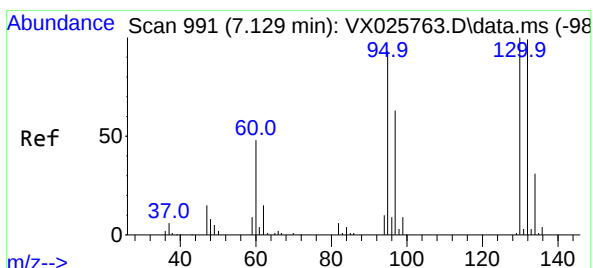
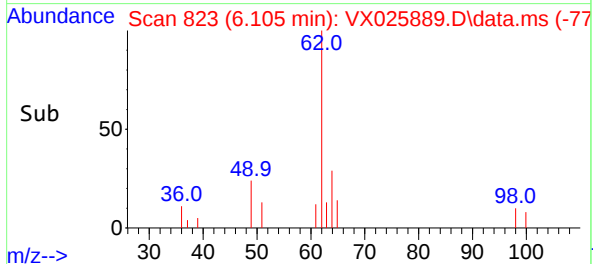
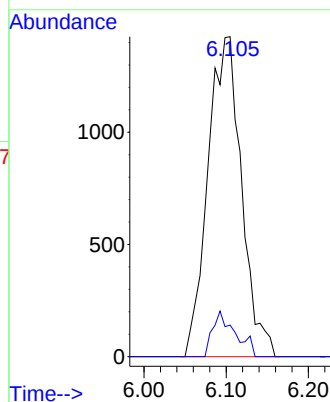
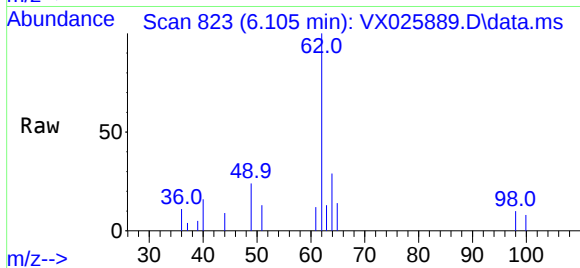
GWBR3D-G-195-220-121721

Tgt Ion: 62 Resp: 4045

Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.8



#44

Trichloroethene

Concen: 117.187 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025889.D

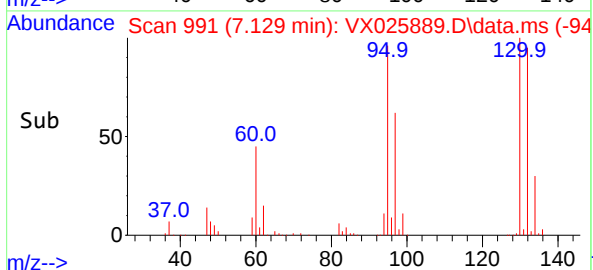
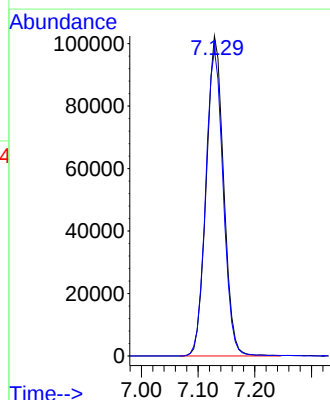
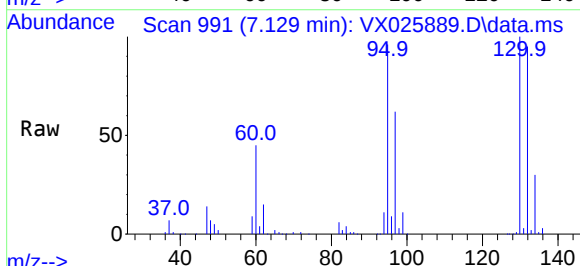
Acq: 17 Dec 2021 16:40

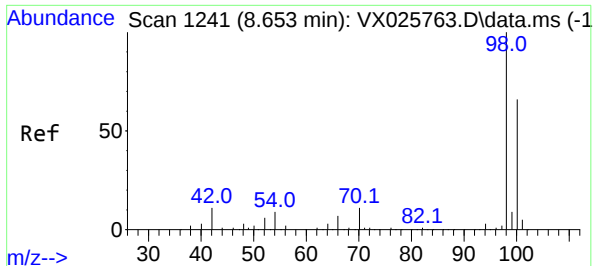
Tgt Ion:130 Resp: 217933

Ion Ratio Lower Upper

130 100

95 95.8 0.0 186.4

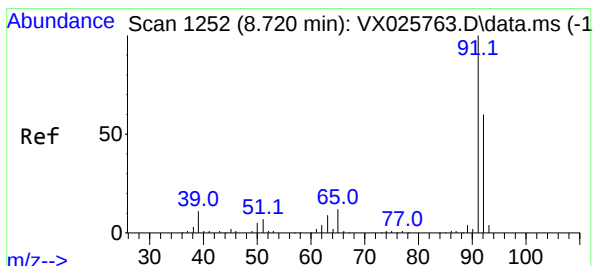
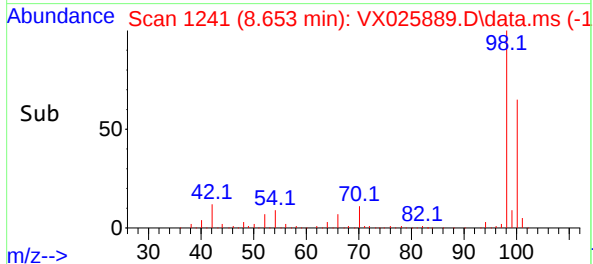
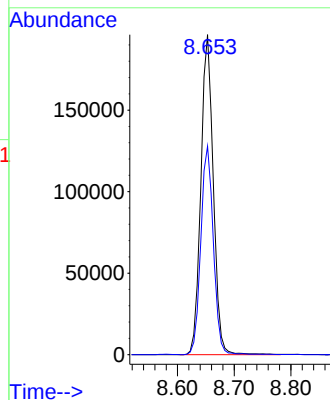
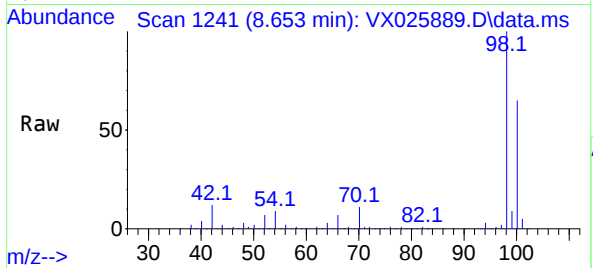




#50
Toluene-d8
Concen: 49.697 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

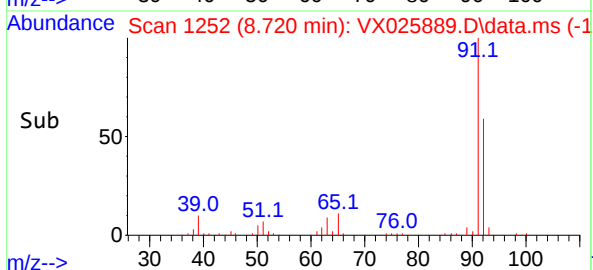
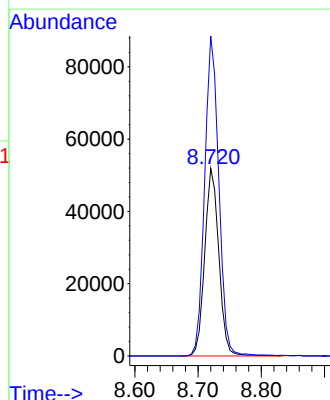
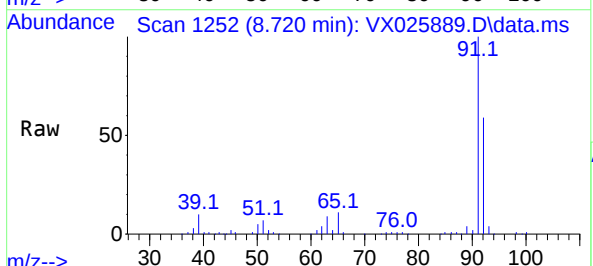
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-195-220-121721

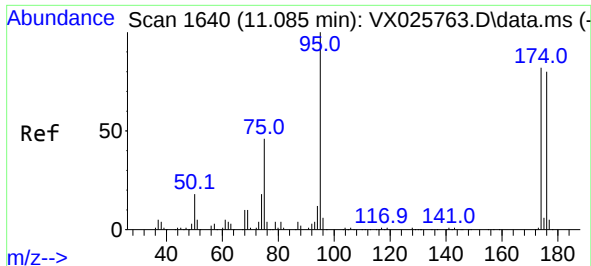
Tgt Ion: 98 Resp: 299003
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#52
Toluene
Concen: 18.945 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion: 92 Resp: 80635
Ion Ratio Lower Upper
92 100
91 171.2 136.0 204.0

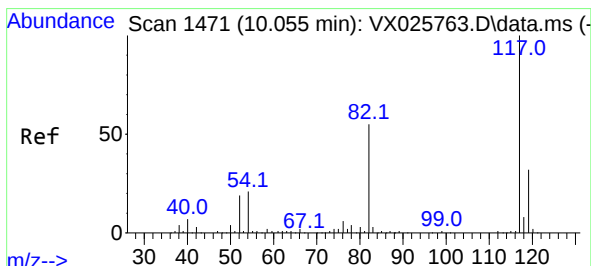
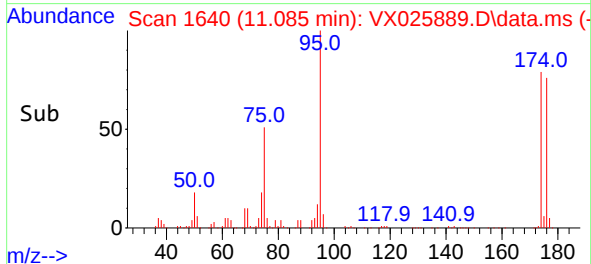
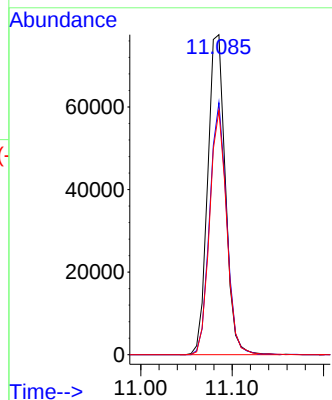
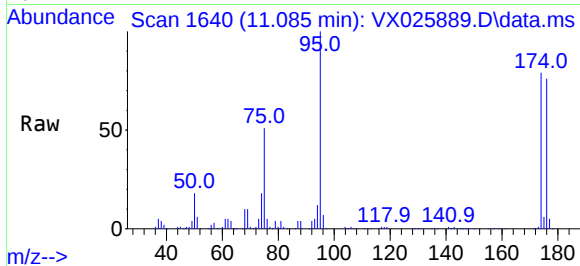




#62
4-Bromofluorobenzene
Concen: 45.458 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

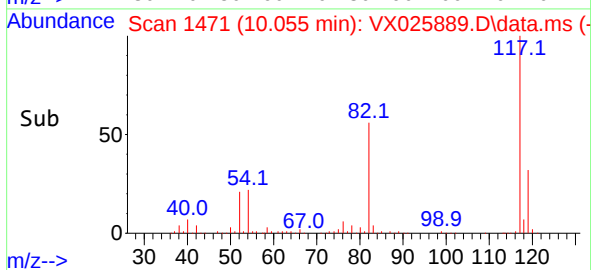
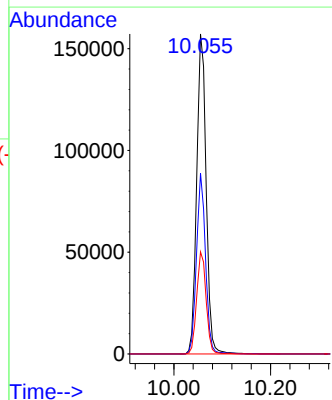
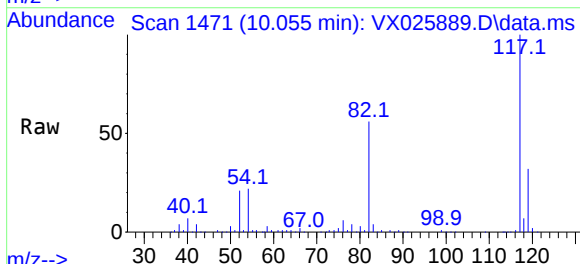
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-195-220-121721

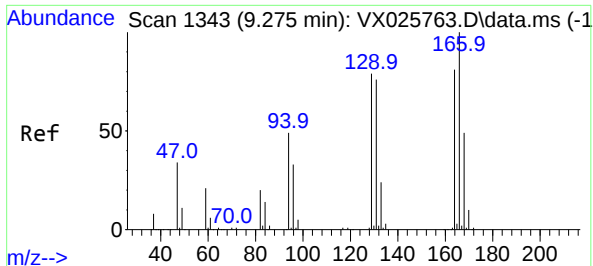
Tgt Ion: 95 Resp: 103892
Ion Ratio Lower Upper
95 100
174 75.7 0.0 157.4
176 73.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

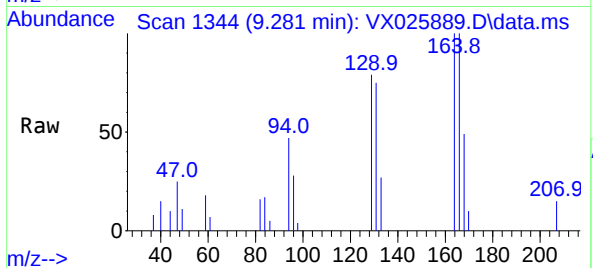
Tgt Ion: 117 Resp: 212741
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.6
119 31.9 25.2 37.8



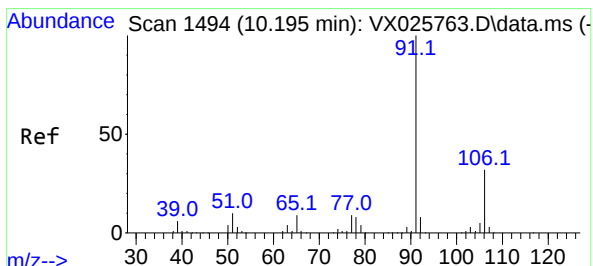
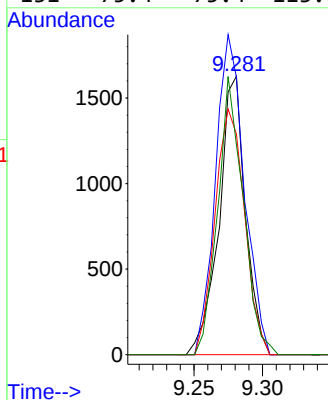
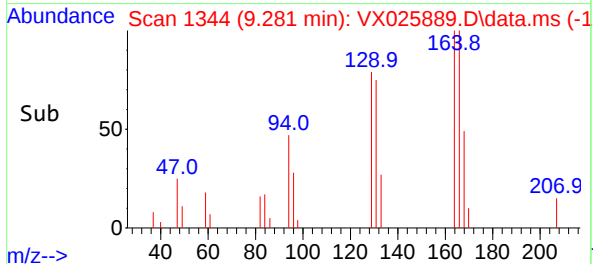


#64
Tetrachloroethene
Concen: 1.285 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-195-220-121721

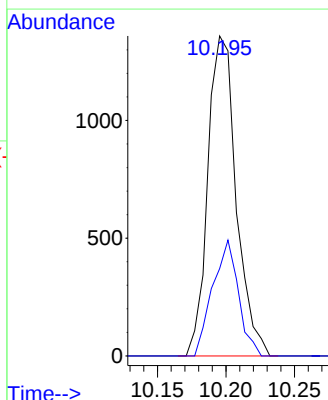
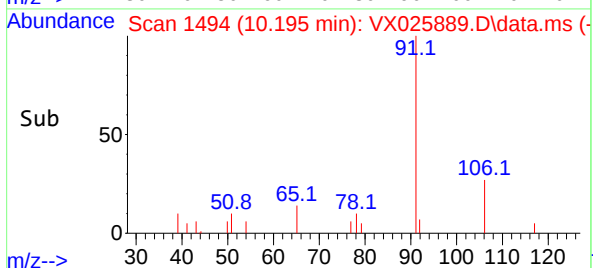
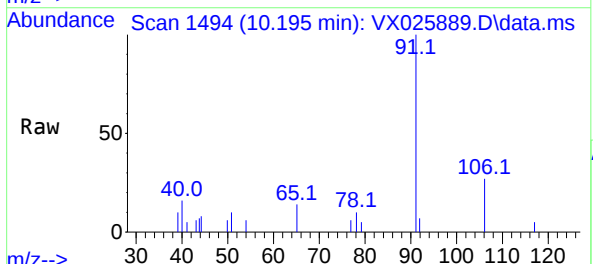


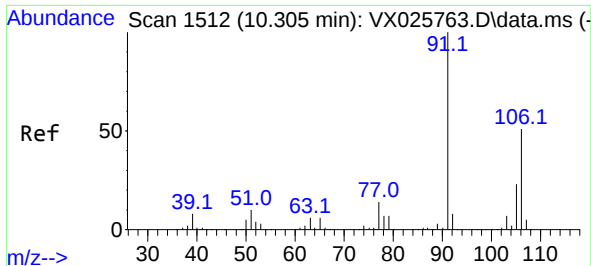
Tgt Ion:164 Resp: 2181
Ion Ratio Lower Upper
164 100
166 99.5 99.4 149.0
129 79.2 78.6 118.0
131 75.4 75.4 113.0#



#67
Ethyl Benzene
Concen: 0.261 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion: 91 Resp: 1959
Ion Ratio Lower Upper
91 100
106 27.3 25.7 38.5

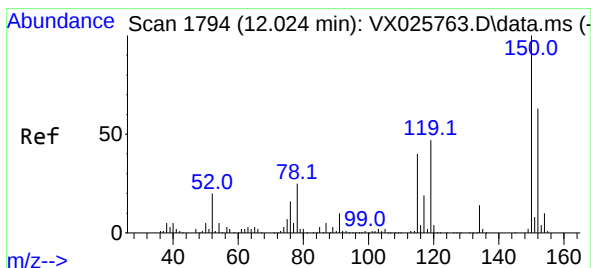
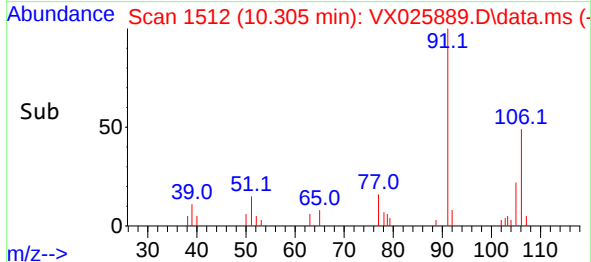
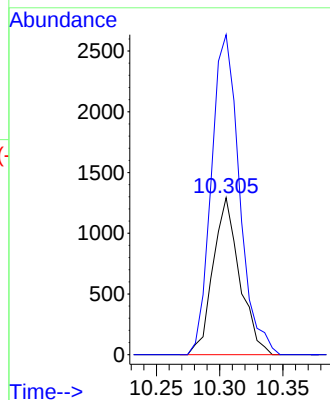
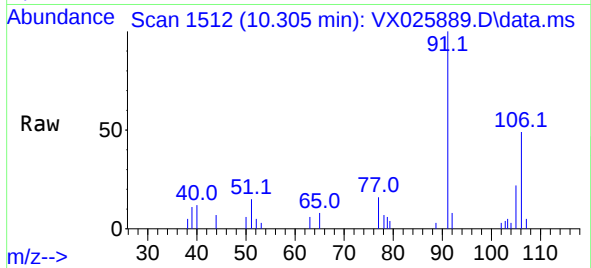




#68
m/p-Xylenes
Concen: 0.649 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

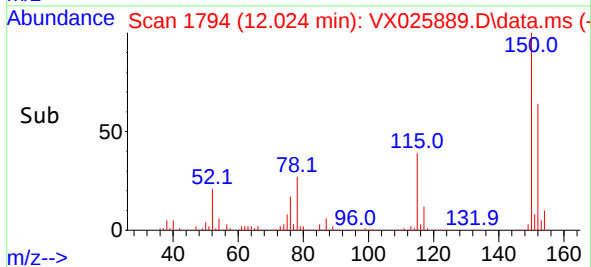
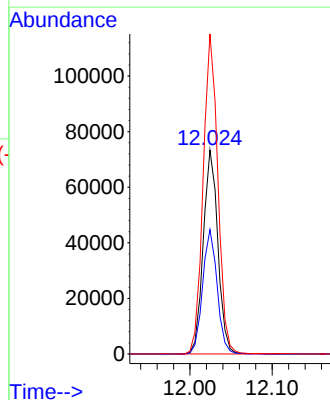
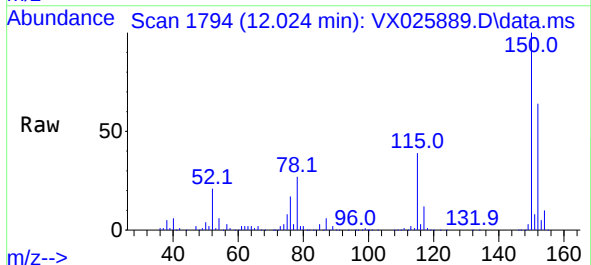
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-G-195-220-121721

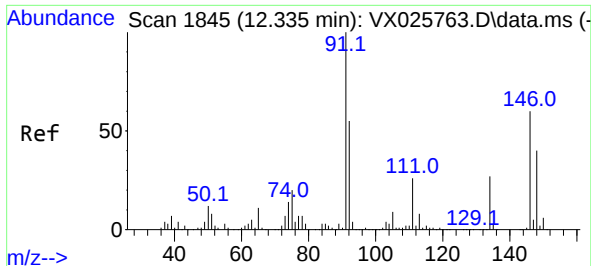
Tgt Ion:106 Resp: 1894
Ion Ratio Lower Upper
106 100
91 214.8 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025889.D
Acq: 17 Dec 2021 16:40

Tgt Ion:152 Resp: 90497
Ion Ratio Lower Upper
152 100
115 60.5 41.3 123.9
150 157.9 0.0 351.8





#89

n-Butylbenzene

Concen: 0.341 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025889.D

Acq: 17 Dec 2021 16:40

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-G-195-220-121721

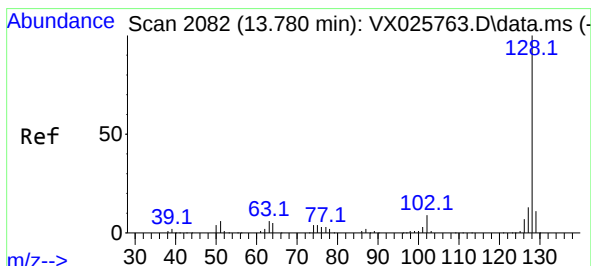
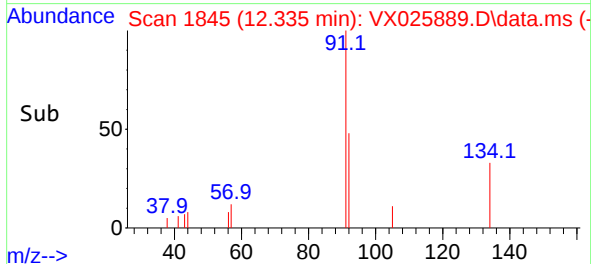
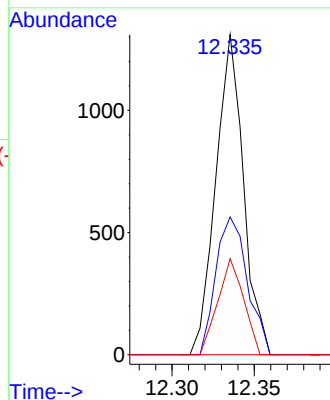
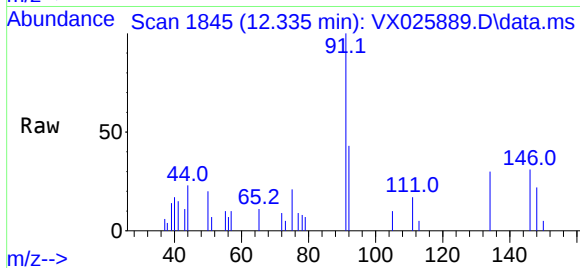
Tgt Ion: 91 Resp: 1534

Ion Ratio Lower Upper

91 100

92 49.0 27.3 81.8

134 28.0 13.5 40.4



#95

Naphthalene

Concen: 2.741 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025889.D

Acq: 17 Dec 2021 16:40

Tgt Ion: 128 Resp: 2139

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 9.3 8.8 13.2

