

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065879.D
 Acq On : 16 Feb 2021 17:45
 Operator : JC/MD
 Sample : M1413-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-SC-93-021121

Quant Time: Feb 16 18:03:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	160466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	269939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	237101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	91530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	87551	41.47	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.94%
35) Dibromofluoromethane	7.550	113	78398	49.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.02%
50) Toluene-d8	10.058	98	332135	52.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.64%
62) 4-Bromofluorobenzene	12.373	95	109293	48.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.54%

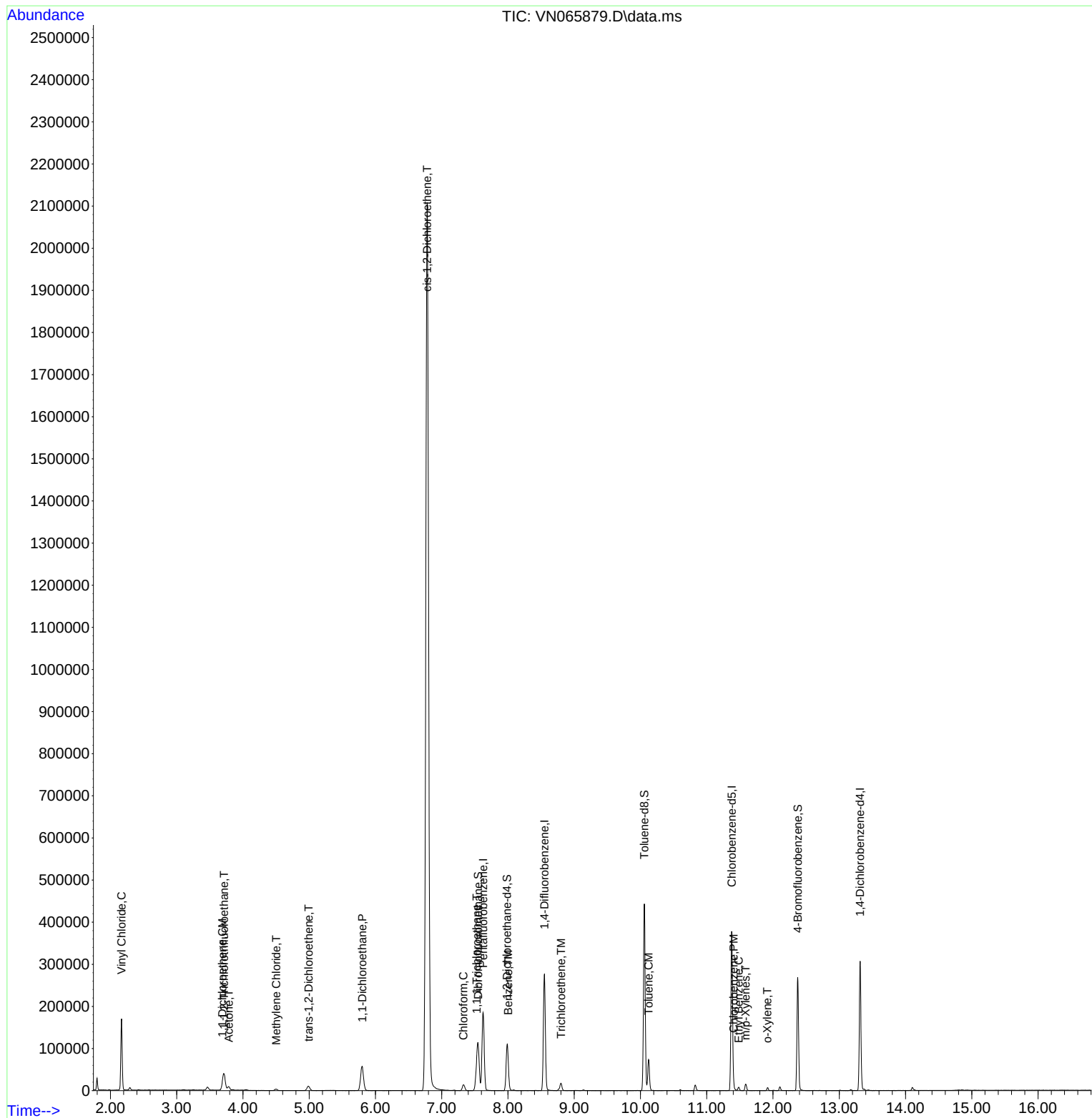
Target Compounds						Qvalue
4) Vinyl Chloride	2.168	62	152307	56.94	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.714	101	25054	14.76	ug/l	96
12) 1,1-Dichloroethene	3.689	96	3538	1.81	ug/l #	78
16) Acetone	3.785	43	13917	16.93	ug/l	97
20) Methylene Chloride	4.502	84	2670	1.17	ug/l	89
21) trans-1,2-Dichloroethene	4.991	96	8138	3.92	ug/l	89
24) 1,1-Dichloroethane	5.801	63	92852	23.53	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	1531380	643.75	ug/l	91
30) Chloroform	7.328	83	16573	4.56	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	34857	11.78	ug/l	98
40) Benzene	8.004	78	10816	1.30	ug/l	92
44) Trichloroethene	8.801	130	6800	3.38	ug/l	93
52) Toluene	10.122	92	34032	6.93	ug/l	100
65) Chlorobenzene	11.405	112	3083	0.62	ug/l	90
67) Ethyl Benzene	11.482	91	6819	0.73	ug/l	100
68) m/p-Xylenes	11.589	106	5693	1.69	ug/l	99
69) o-Xylene	11.917	106	2352	0.72	ug/l	94

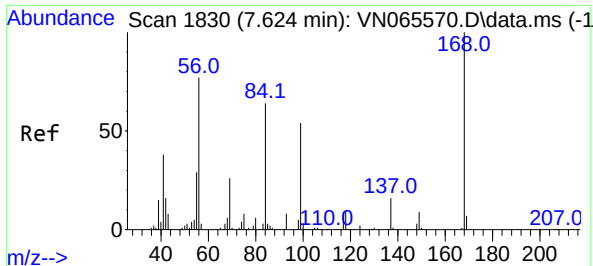
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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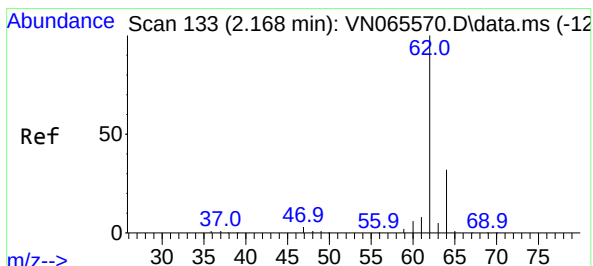
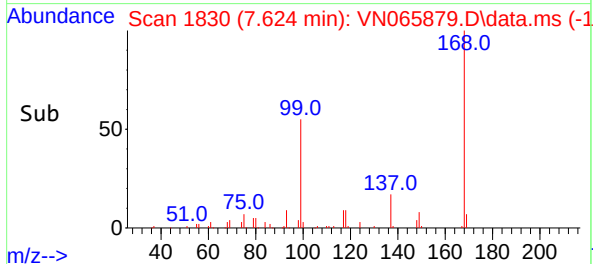
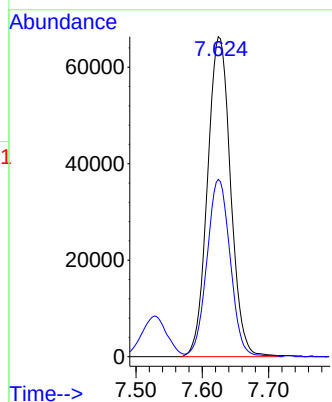
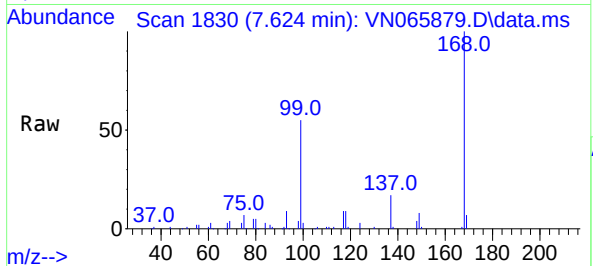




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

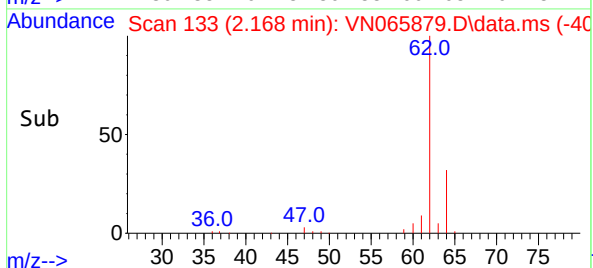
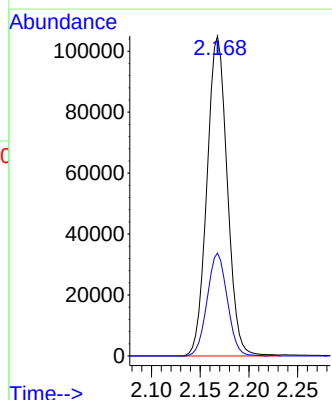
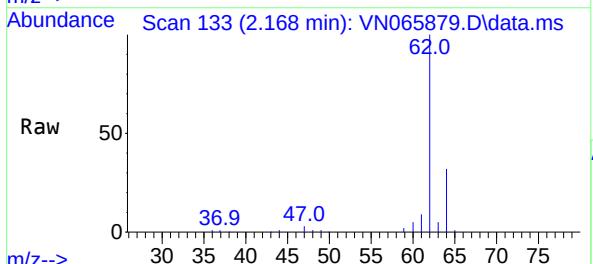
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

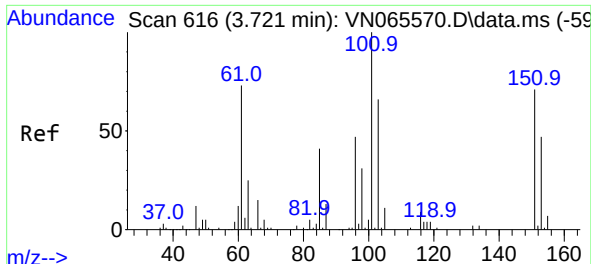
Tgt Ion:168 Resp: 160466
Ion Ratio Lower Upper
168 100
99 55.4 42.6 63.8



#4
Vinyl Chloride
Concen: 56.94 ug/l
RT: 2.168 min Scan# 133
Delta R.T. -0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 62 Resp: 152307
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7

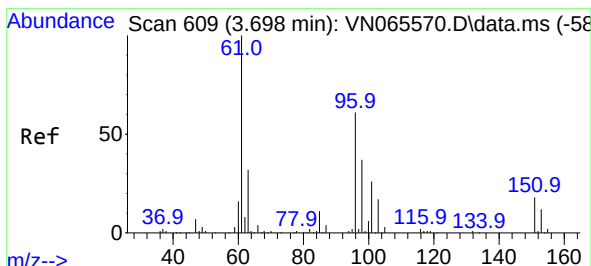
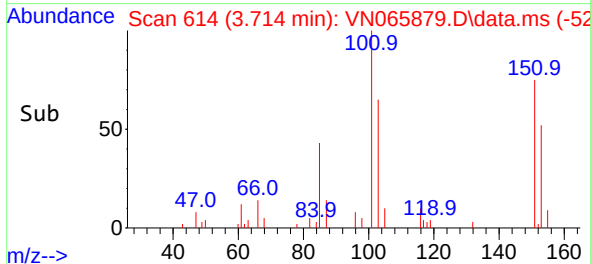
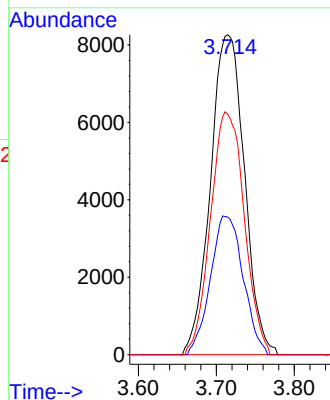
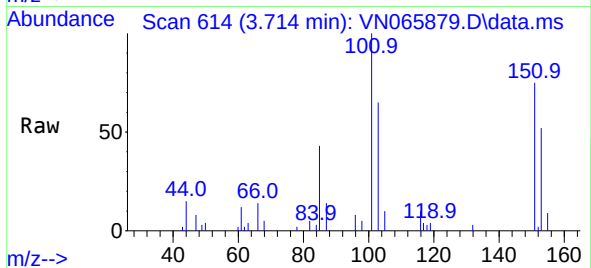




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.76 ug/l
RT: 3.714 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

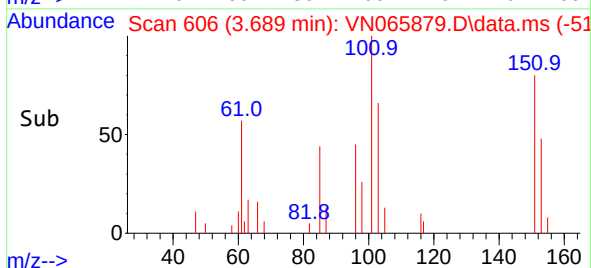
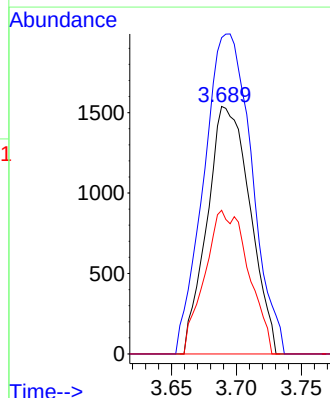
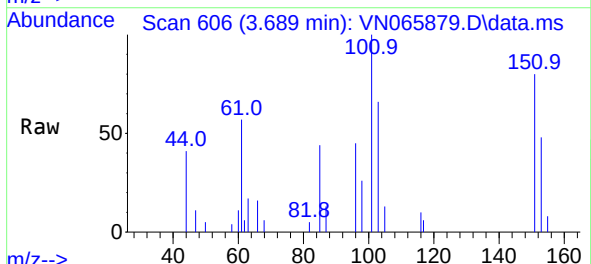
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

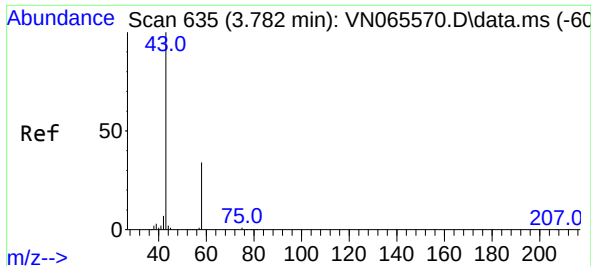
Tgt Ion:101 Resp: 25054
Ion Ratio Lower Upper
101 100
85 41.8 34.6 51.8
151 75.3 63.5 95.3



#12
1,1-Dichloroethene
Concen: 1.81 ug/l
RT: 3.689 min Scan# 606
Delta R.T. -0.009 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 96 Resp: 3538
Ion Ratio Lower Upper
96 100
61 117.0 122.5 183.7#
98 58.1 50.8 76.2

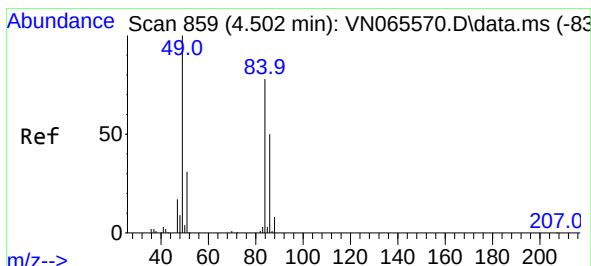
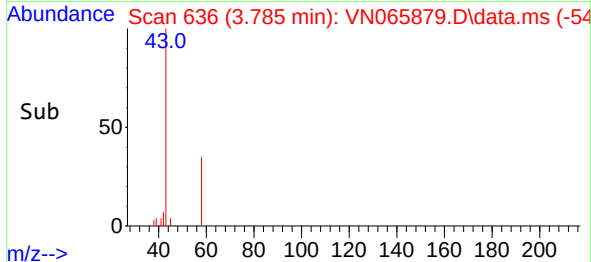
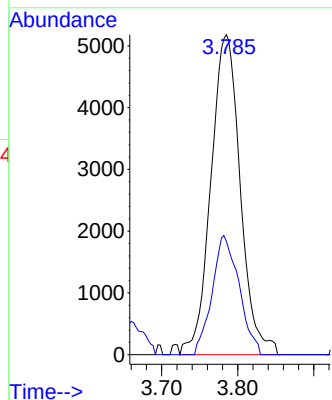
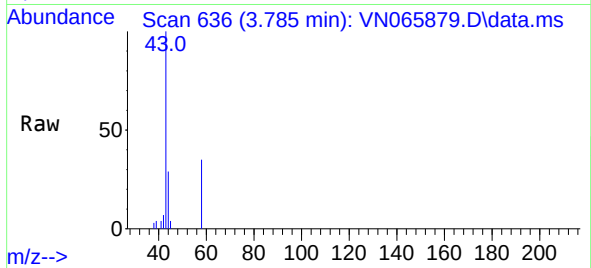




#16
Acetone
Concen: 16.93 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

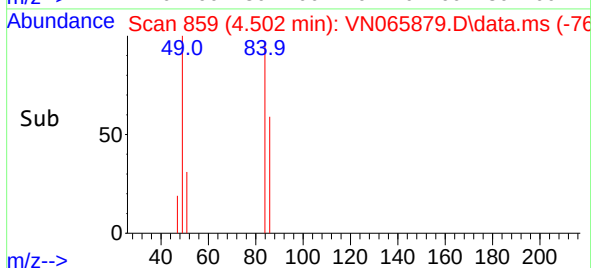
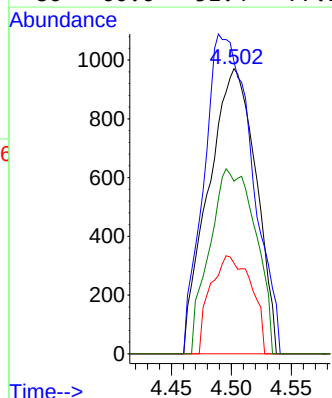
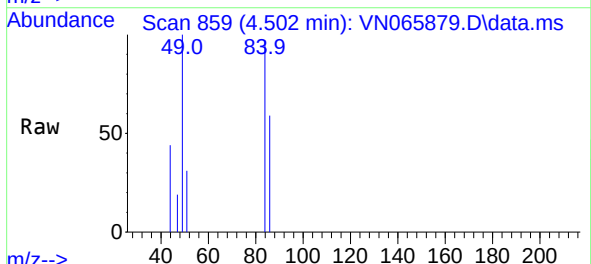
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

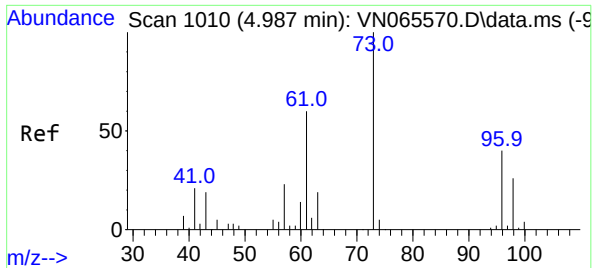
Tgt Ion: 43 Resp: 13917
Ion Ratio Lower Upper
43 100
58 35.3 27.0 40.6



#20
Methylene Chloride
Concen: 1.17 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 84 Resp: 2670
Ion Ratio Lower Upper
84 100
49 102.6 94.6 141.8
51 31.8 29.9 44.9
86 60.6 51.4 77.2

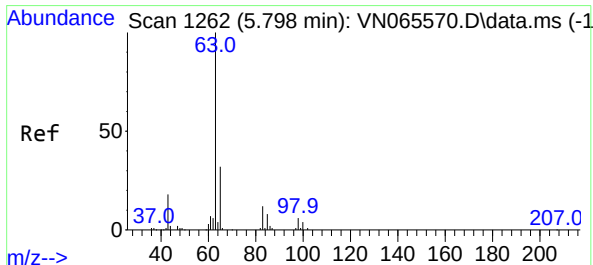
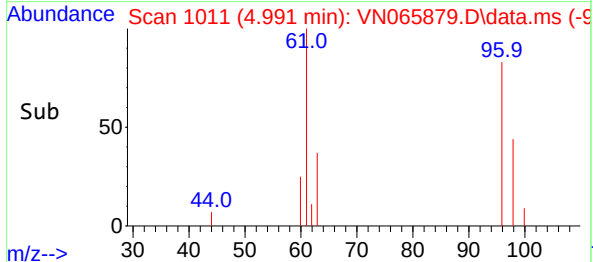
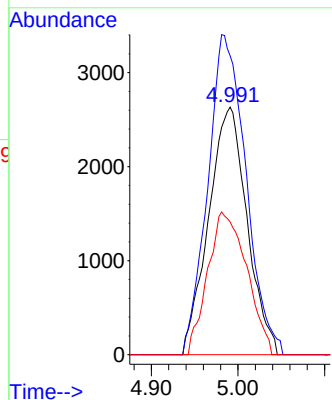
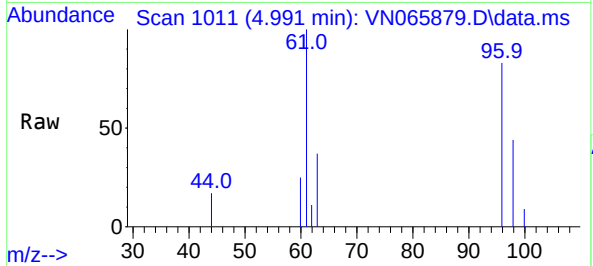




#21
trans-1,2-Dichloroethene
Concen: 3.92 ug/l
RT: 4.991 min Scan# 1011
Delta R.T. 0.004 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

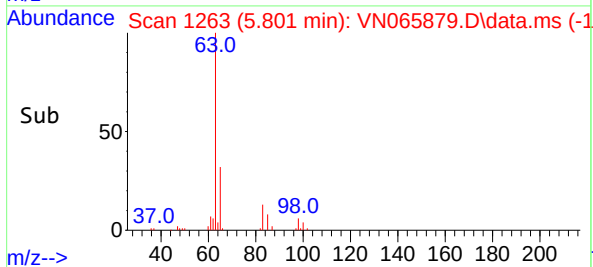
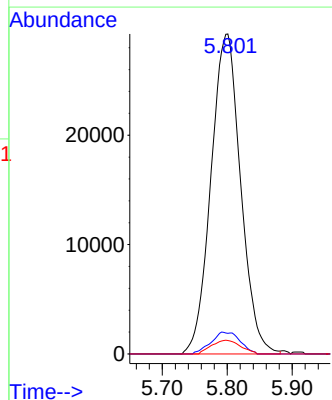
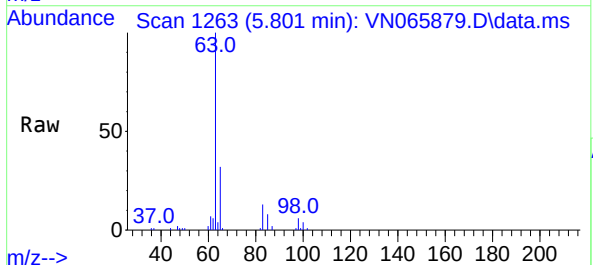
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

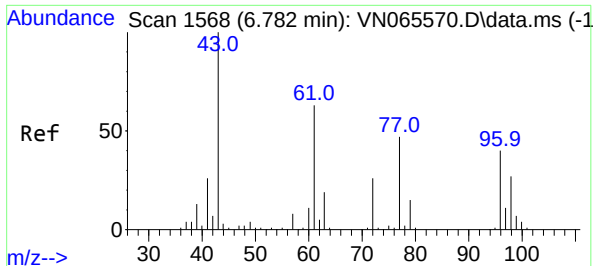
Tgt Ion: 96 Resp: 8138
Ion Ratio Lower Upper
96 100
61 120.7 104.9 157.3
98 53.6 51.8 77.8



#24
1,1-Dichloroethane
Concen: 23.53 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 63 Resp: 92852
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.4
100 4.2 2.3 6.9

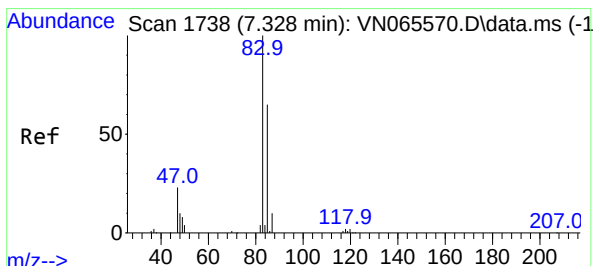
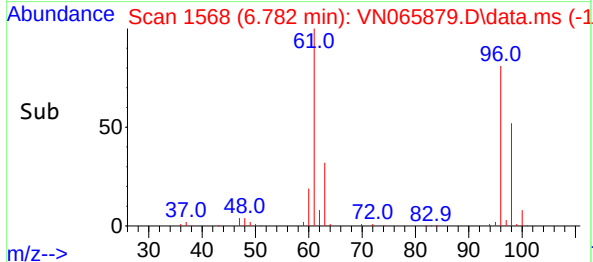
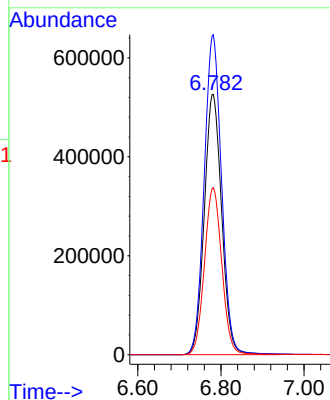
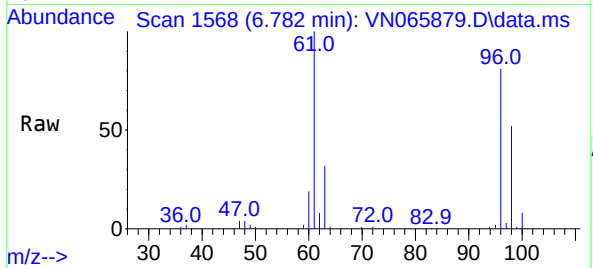




#27
cis-1,2-Dichloroethene
Concen: 643.75 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

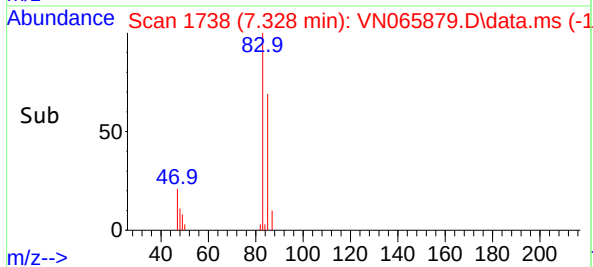
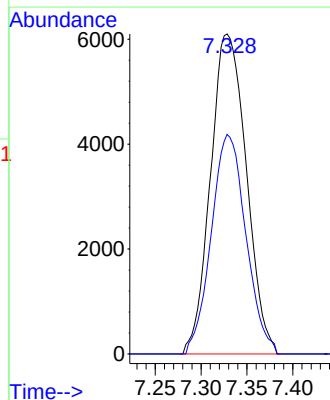
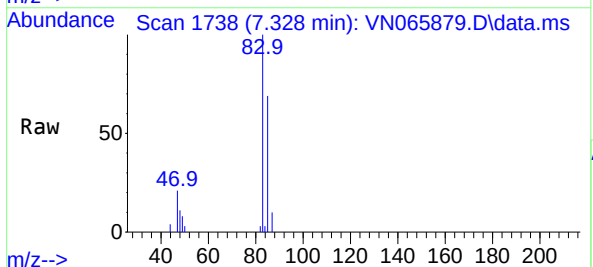
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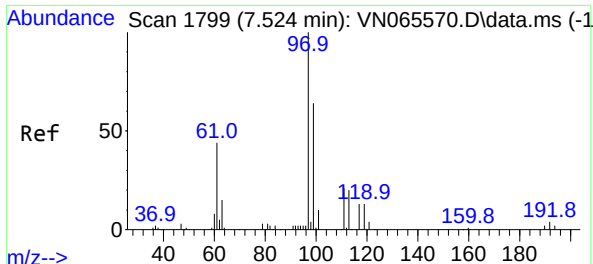
Tgt Ion: 96 Resp: 1531380
Ion Ratio Lower Upper
96 100
61 122.4 0.0 276.8
98 64.0 0.0 129.4



#30
Chloroform
Concen: 4.56 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 83 Resp: 16573
Ion Ratio Lower Upper
83 100
85 68.6 52.6 78.8



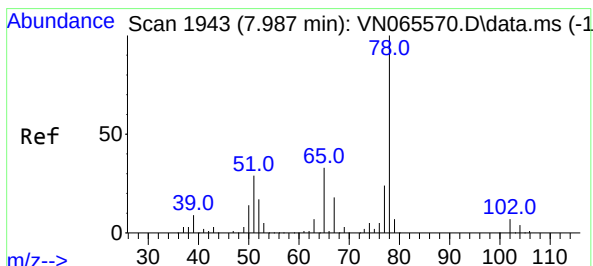
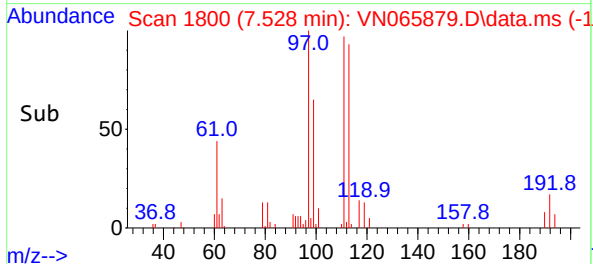
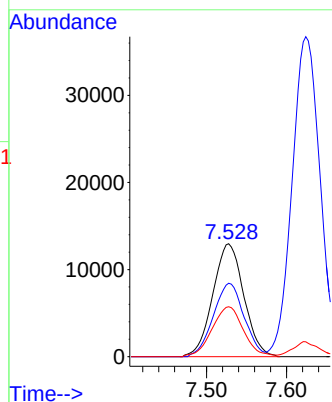
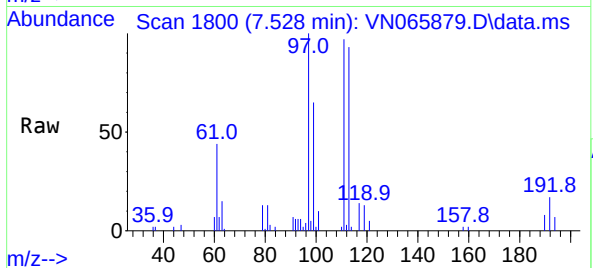


#32

1,1,1-Trichloroethane
Concen: 11.78 ug/l
RT: 7.528 min Scan# 1800
Delta R.T. 0.004 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

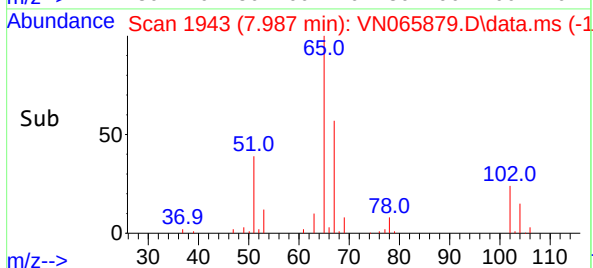
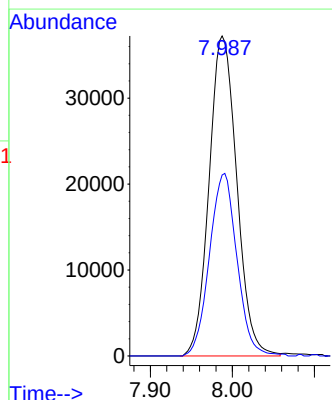
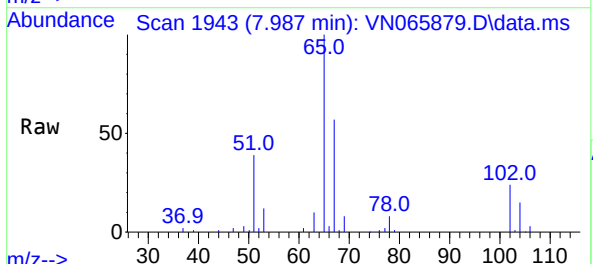
Tgt Ion: 97 Resp: 34857
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 44.8 34.3 51.5

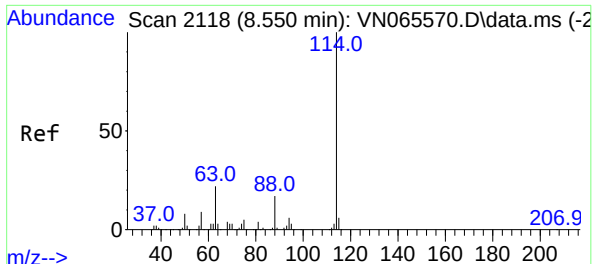


#33

1,2-Dichloroethane-d4
Concen: 41.47 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 65 Resp: 87551
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2





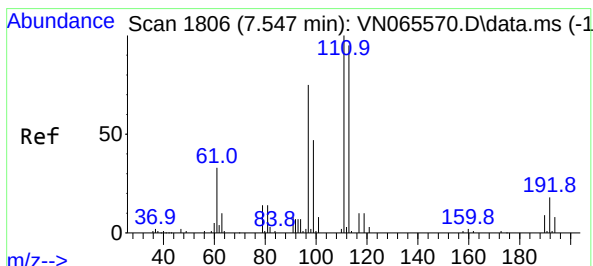
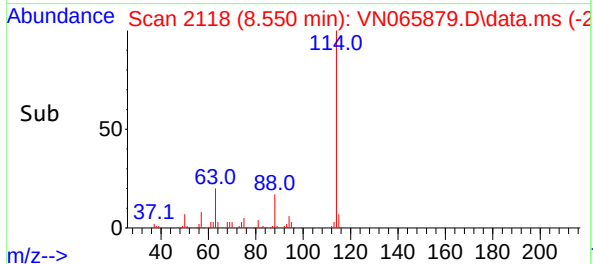
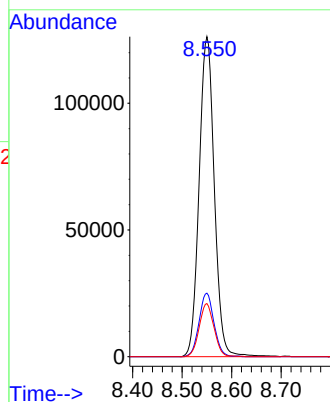
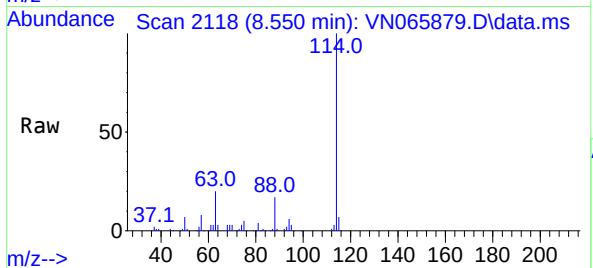
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

Tgt Ion:114 Resp: 269939

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	16.6	0.0	30.6

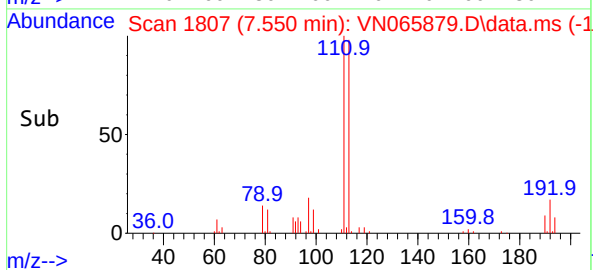
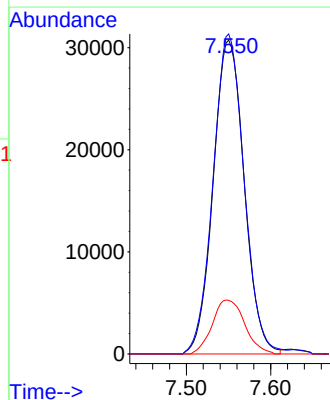
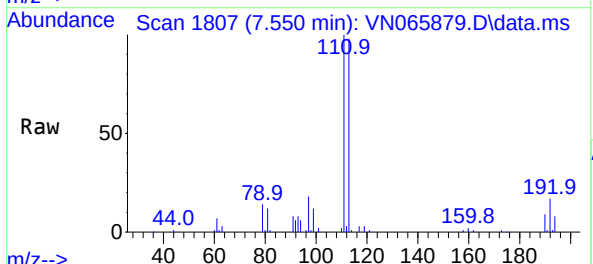


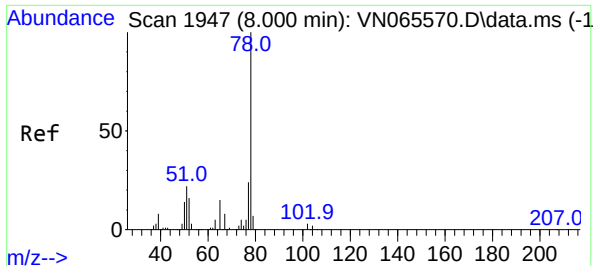
#35

Dibromofluoromethane
Concen: 49.01 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion:113 Resp: 78398

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	18.0	15.4	23.0





#40

Benzene

Concen: 1.30 ug/l

RT: 8.004 min Scan# 1948

Delta R.T. 0.004 min

Lab File: VN065879.D

Acq: 16 Feb 2021 17:45

Instrument :

MSVOA_N

ClientSampleId :

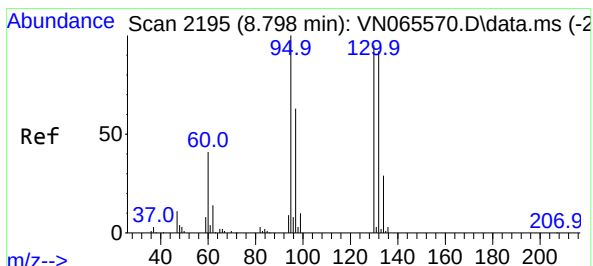
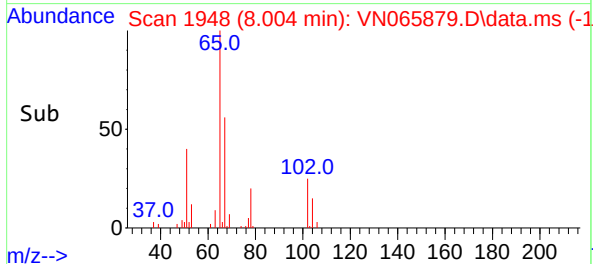
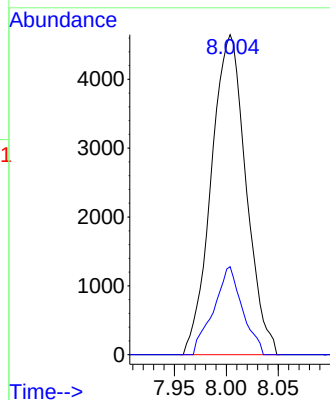
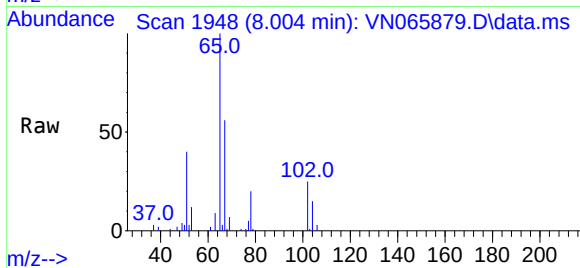
GWBR2-SC-93-021121

Tgt Ion: 78 Resp: 10816

Ion Ratio Lower Upper

78 100

77 27.5 19.0 28.4



#44

Trichloroethene

Concen: 3.38 ug/l

RT: 8.801 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VN065879.D

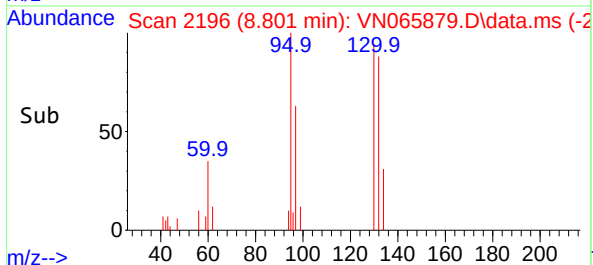
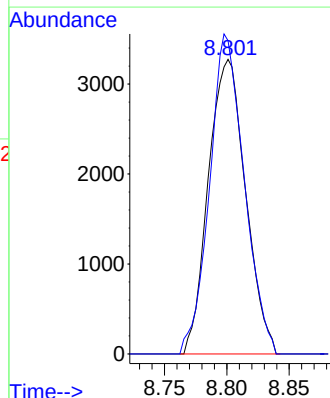
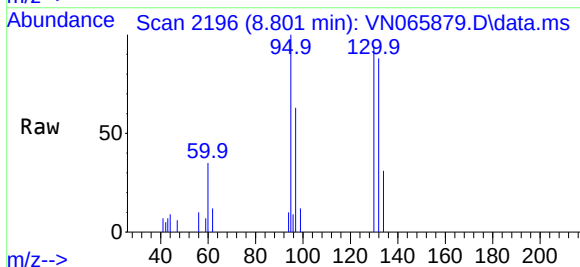
Acq: 16 Feb 2021 17:45

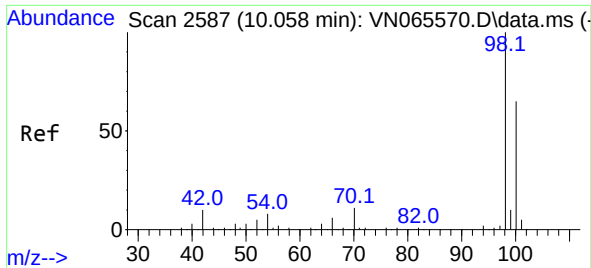
Tgt Ion:130 Resp: 6800

Ion Ratio Lower Upper

130 100

95 106.4 0.0 199.6

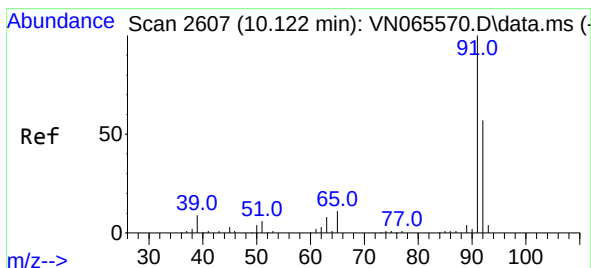
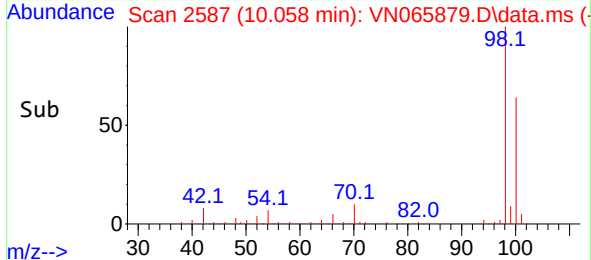
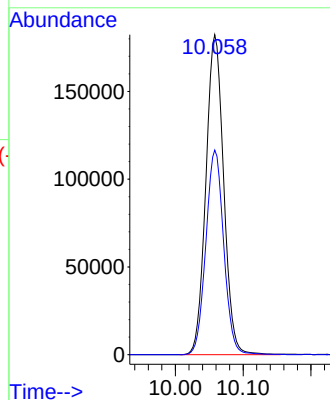
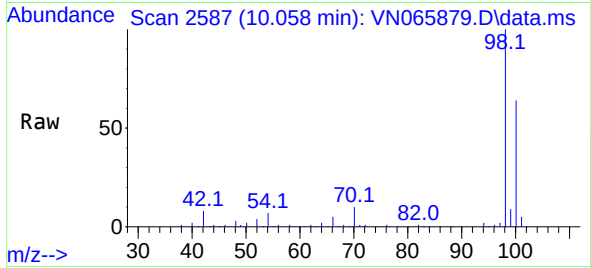




#50
Toluene-d8
Concen: 52.82 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

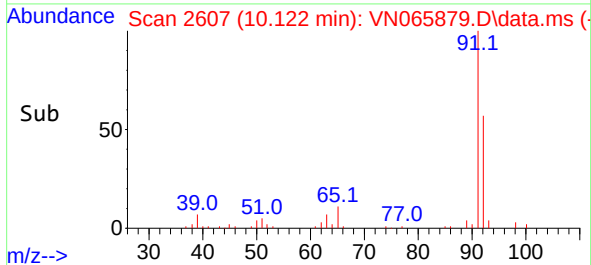
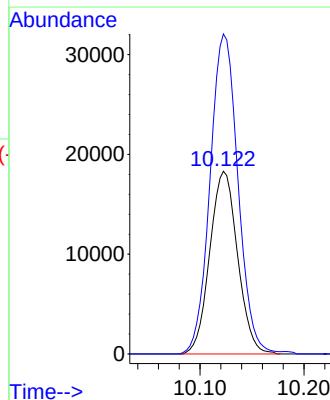
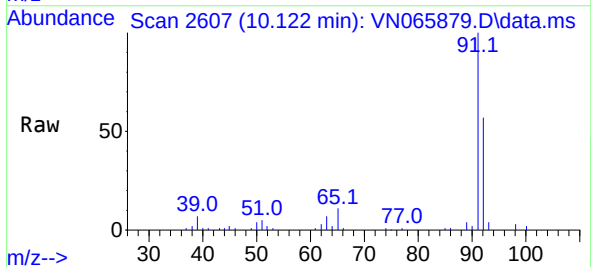
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

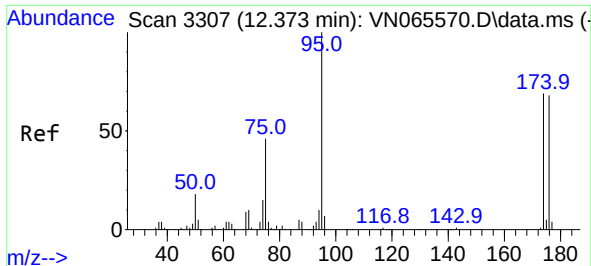
Tgt Ion: 98 Resp: 332135
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#52
Toluene
Concen: 6.93 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 92 Resp: 34032
Ion Ratio Lower Upper
92 100
91 176.0 140.7 211.1

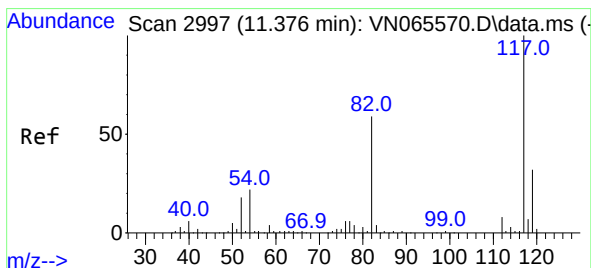
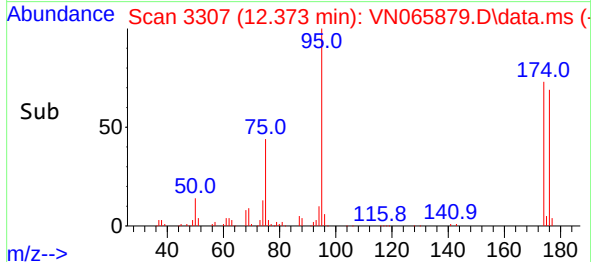
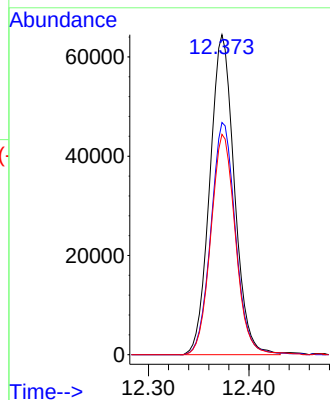
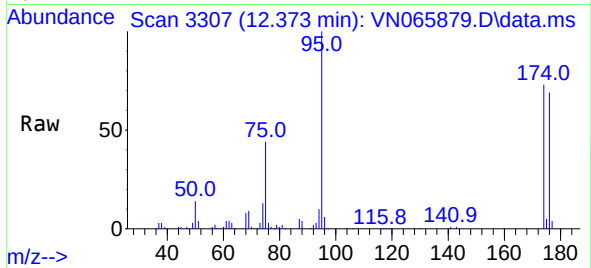




#62
4-Bromofluorobenzene
Concen: 48.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

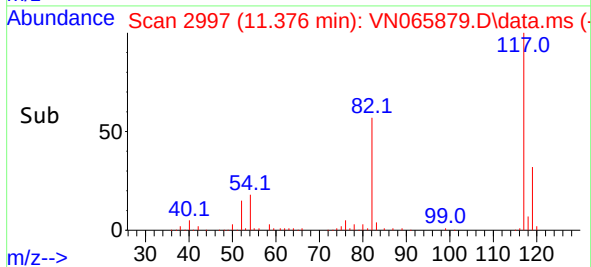
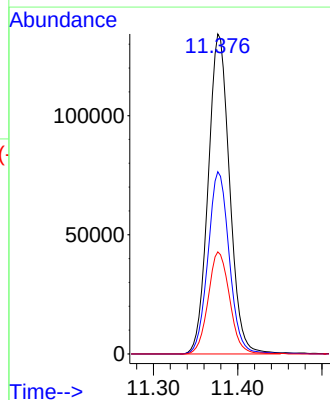
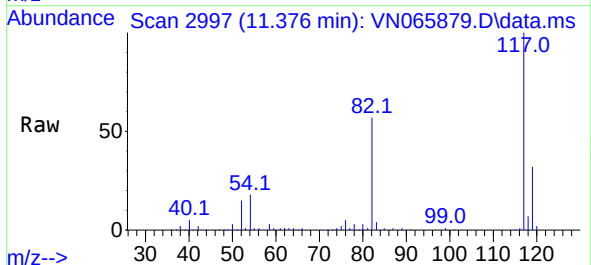
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

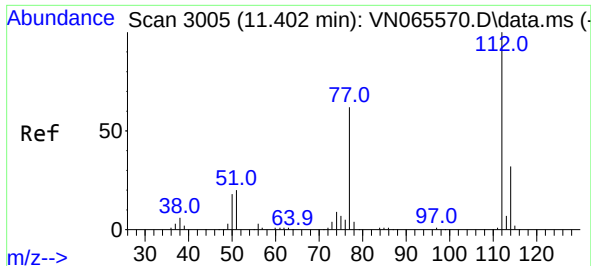
Tgt Ion: 95 Resp: 109293
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 69.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 117 Resp: 237101
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.9 26.1 39.1

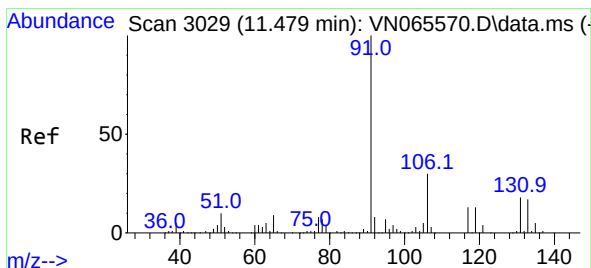
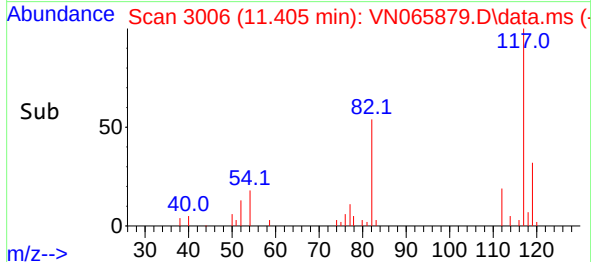
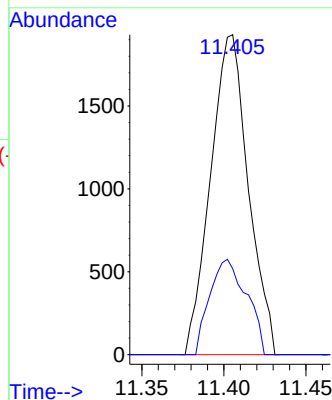
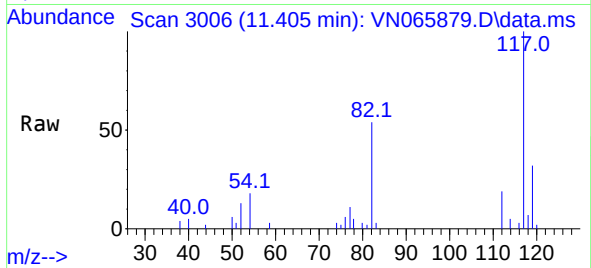




#65
Chlorobenzene
Concen: 0.62 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

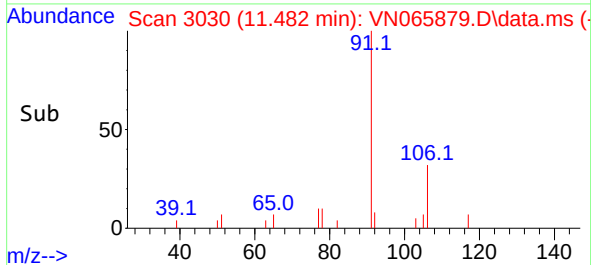
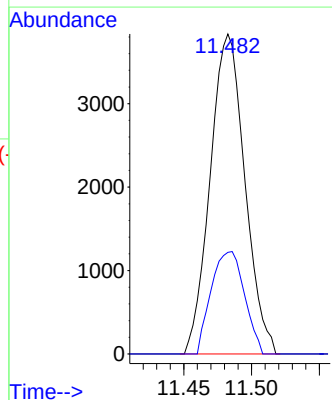
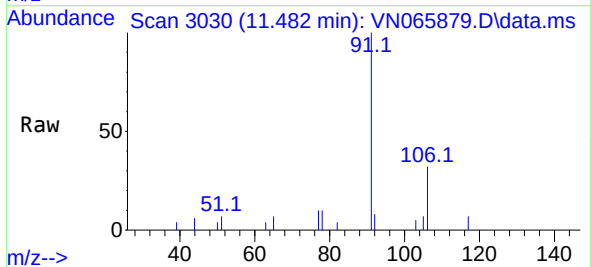
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

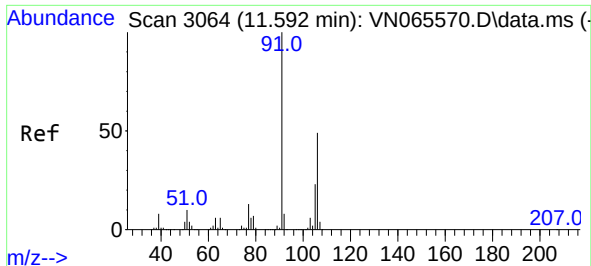
Tgt Ion:112 Resp: 3083
Ion Ratio Lower Upper
112 100
114 26.9 26.1 39.1



#67
Ethyl Benzene
Concen: 0.73 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Tgt Ion: 91 Resp: 6819
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

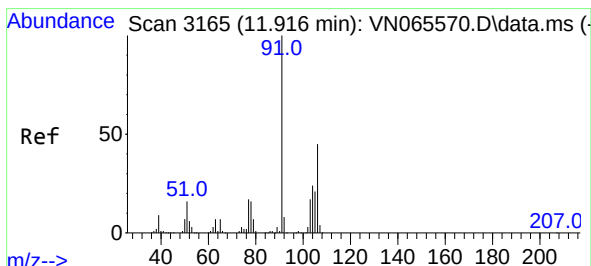
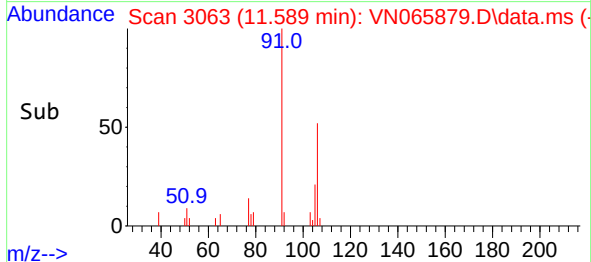
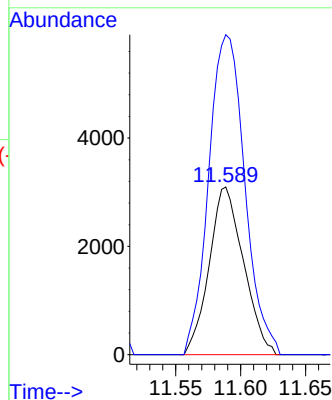
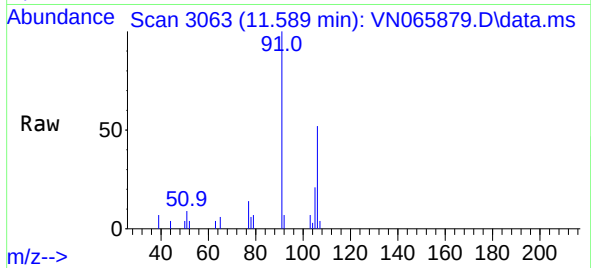




#68
m/p-Xylenes
Concen: 1.69 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

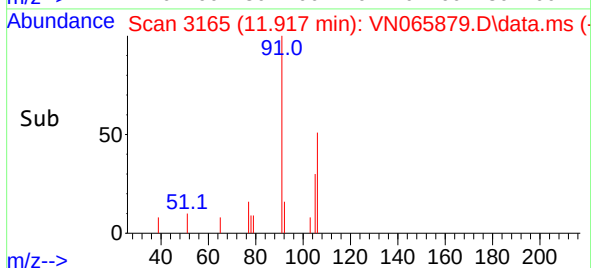
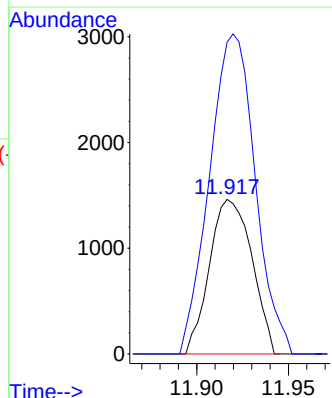
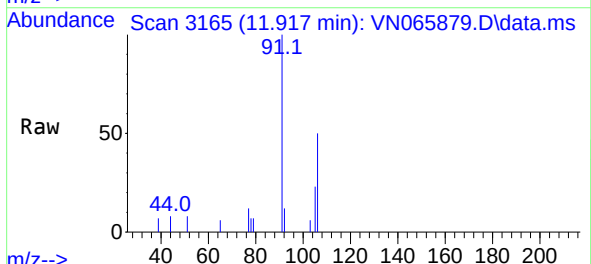
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121

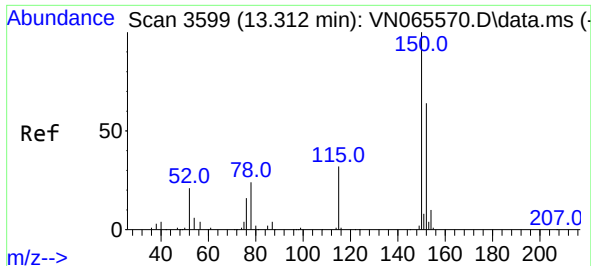
Tgt Ion:106 Resp: 5693
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.0



#69
o-Xylene
Concen: 0.72 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

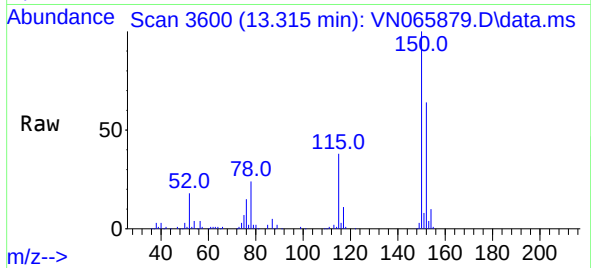
Tgt Ion:106 Resp: 2352
Ion Ratio Lower Upper
106 100
91 222.8 106.8 320.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065879.D
Acq: 16 Feb 2021 17:45

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121



Tgt Ion:152 Resp: 91530
Ion Ratio Lower Upper
152 100
115 59.7 28.5 85.6
150 158.0 0.0 347.6

