

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065883.D
 Acq On : 16 Feb 2021 19:21
 Operator : JC/MD
 Sample : M1413-01DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 16 19:38:11 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)

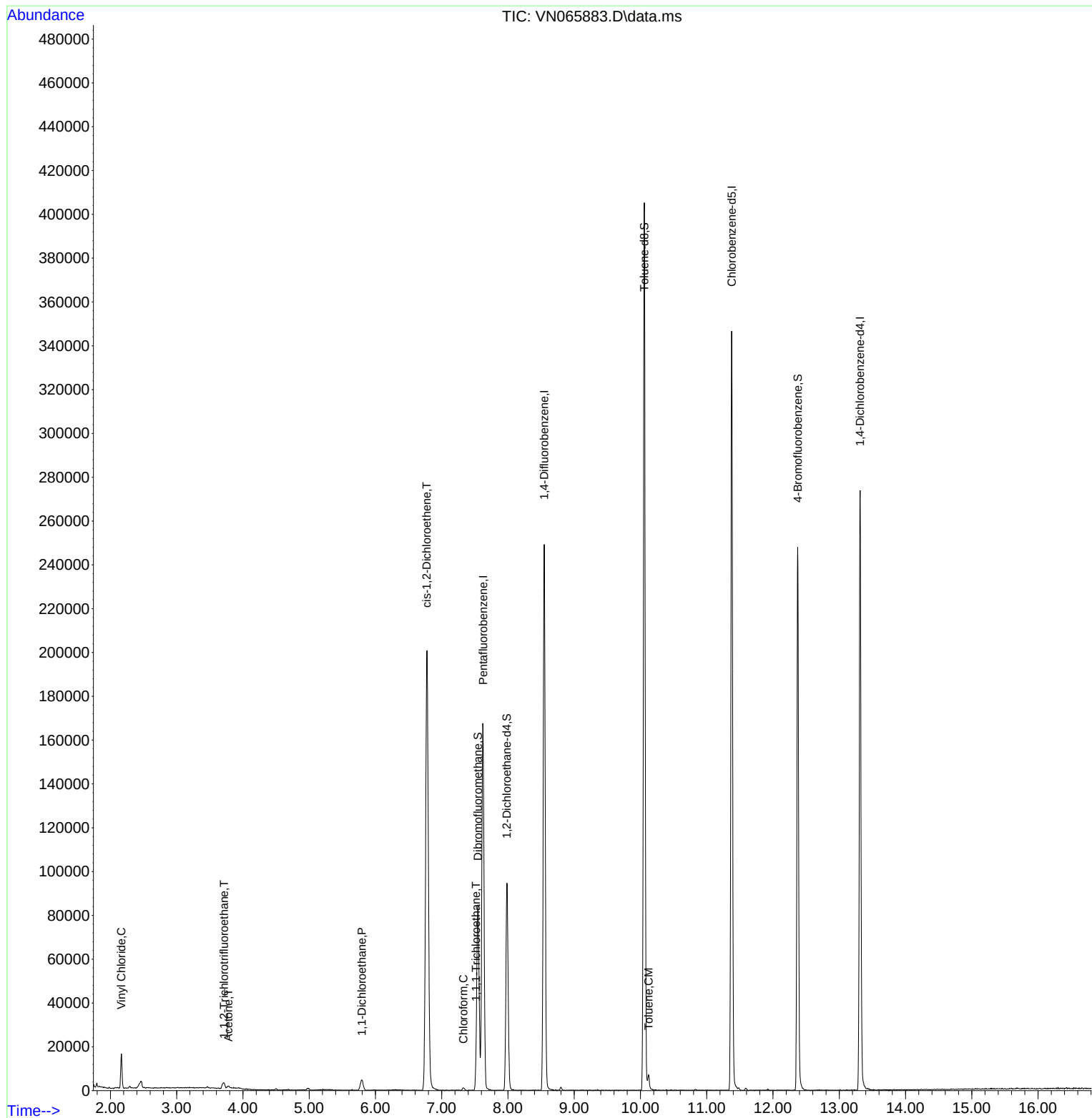
Internal Standards						
1) Pentafluorobenzene	7.624	168	144991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	242301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	219419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	83821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	78806	41.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.62%
35) Dibromofluoromethane	7.547	113	69406	48.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.68%
50) Toluene-d8	10.058	98	301076	53.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.68%
62) 4-Bromofluorobenzene	12.373	95	101077	49.73	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.46%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.164	62	14394	5.96	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.714	101	2011	1.31	ug/l	94
16) Acetone	3.779	43	1863	2.51	ug/l	94
24) 1,1-Dichloroethane	5.795	63	8746	2.45	ug/l #	82
27) cis-1,2-Dichloroethene	6.775	96	144204	67.09	ug/l	91
30) Chloroform	7.325	83	1355	0.41	ug/l	95
32) 1,1,1-Trichloroethane	7.518	97	3217	1.20	ug/l #	46
52) Toluene	10.122	92	3083	0.70	ug/l	100

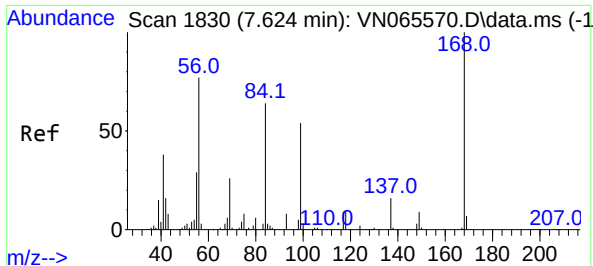
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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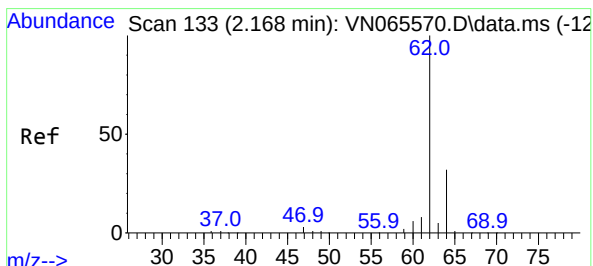
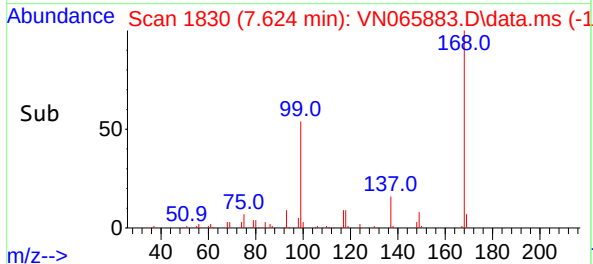
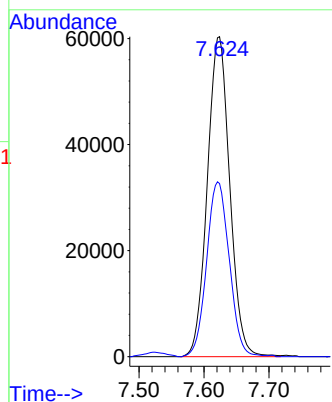
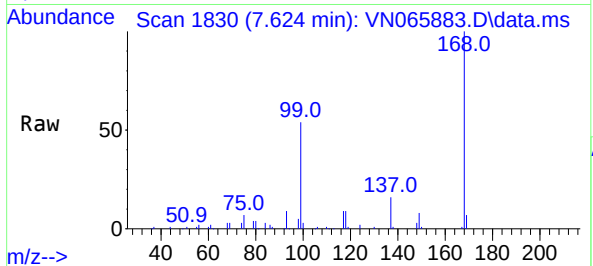




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

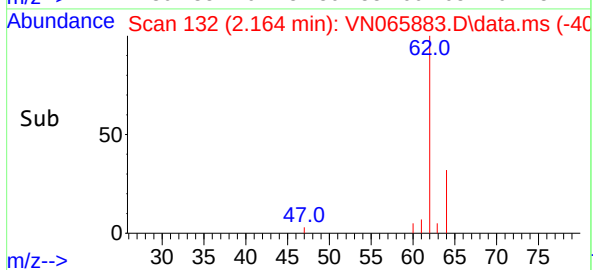
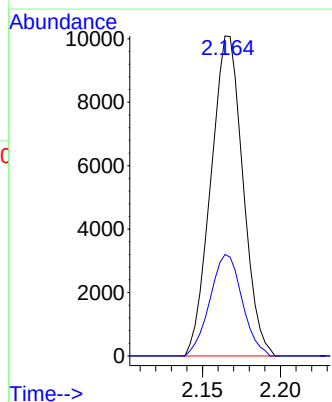
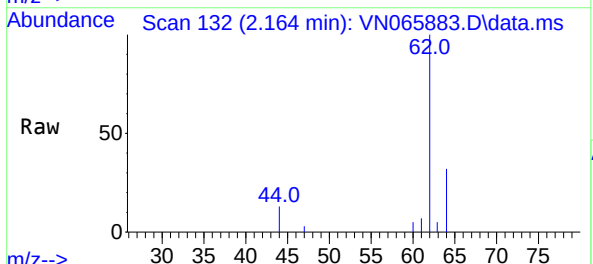
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL

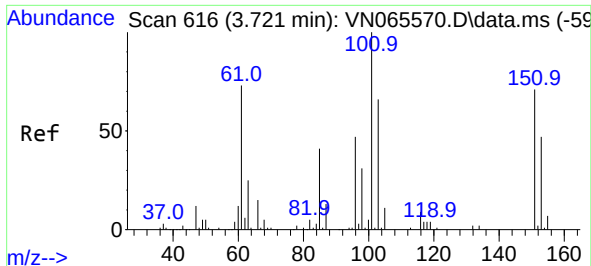
Tgt Ion:168 Resp: 144991
Ion Ratio Lower Upper
168 100
99 54.1 42.6 63.8



#4
Vinyl Chloride
Concen: 5.96 ug/l
RT: 2.164 min Scan# 132
Delta R.T. -0.004 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 62 Resp: 14394
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7



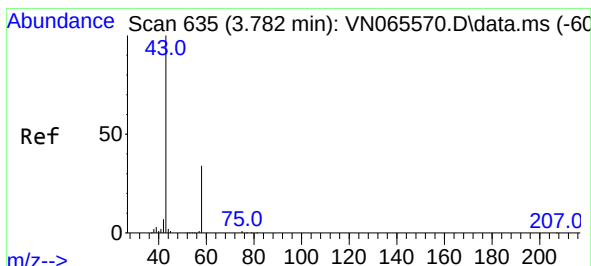
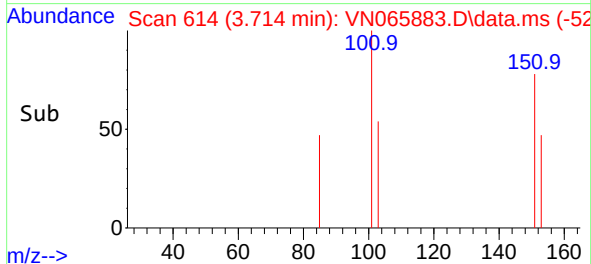
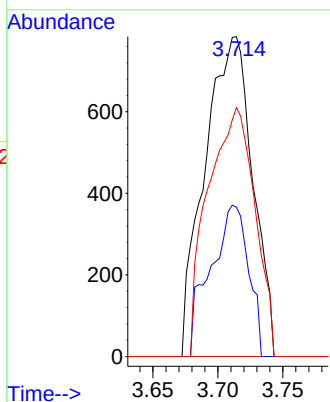
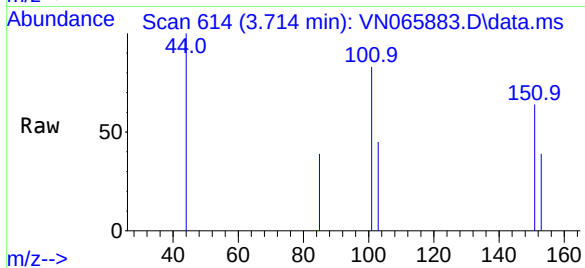


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.31 ug/l
RT: 3.714 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

Tgt Ion:101 Resp: 2011

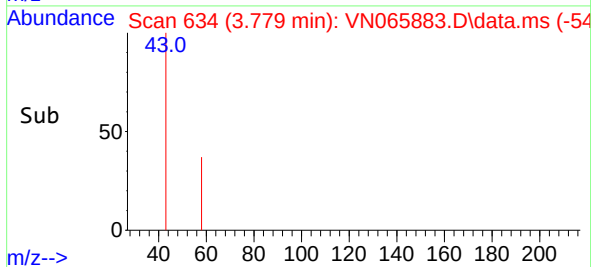
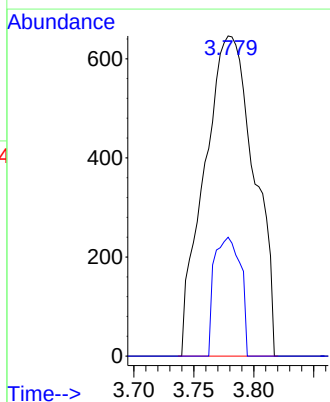
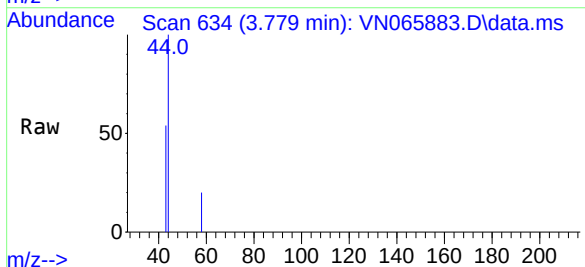
Ion	Ratio	Lower	Upper
101	100		
85	37.6	34.6	51.8
151	75.9	63.5	95.3

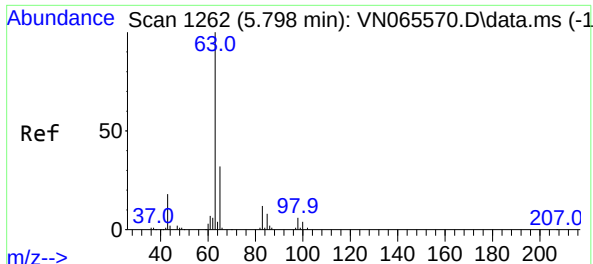


#16
Acetone
Concen: 2.51 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 43 Resp: 1863

Ion	Ratio	Lower	Upper
43	100		
58	37.2	27.0	40.6





#24

1,1-Dichloroethane

Concen: 2.45 ug/l

RT: 5.795 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VN065883.D

Acq: 16 Feb 2021 19:21

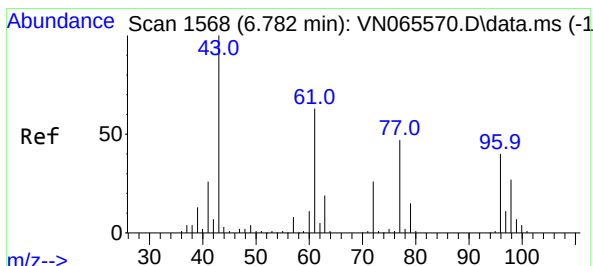
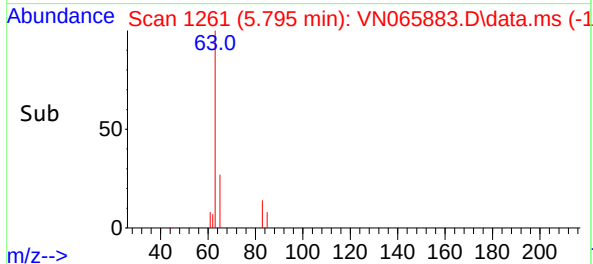
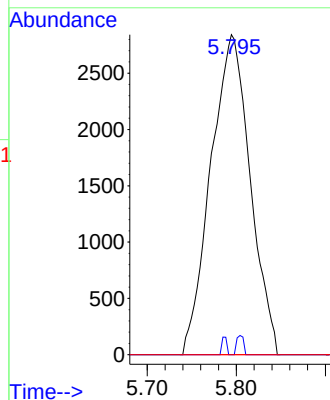
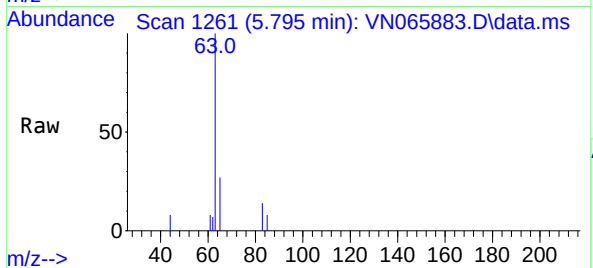
Instrument :

MSVOA_N

ClientSampleId :

GWBR2-SC-93-021121DL

Tgt Ion:	63	Resp:	8746
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	2.3	6.9#



#27

cis-1,2-Dichloroethene

Concen: 67.09 ug/l

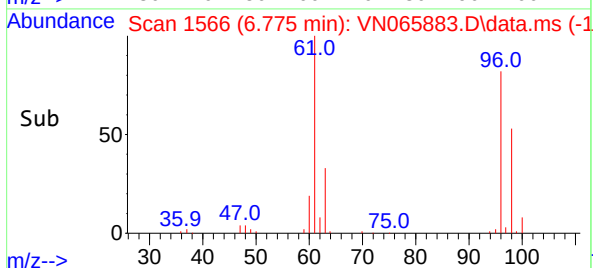
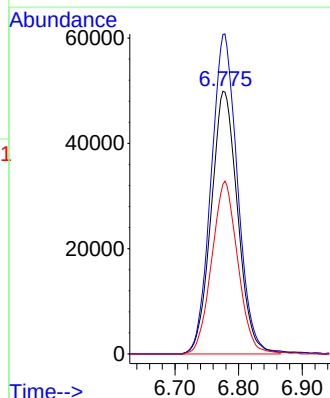
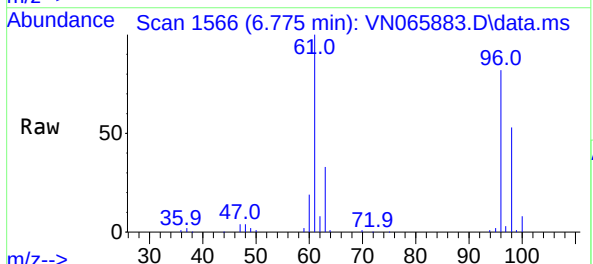
RT: 6.775 min Scan# 1566

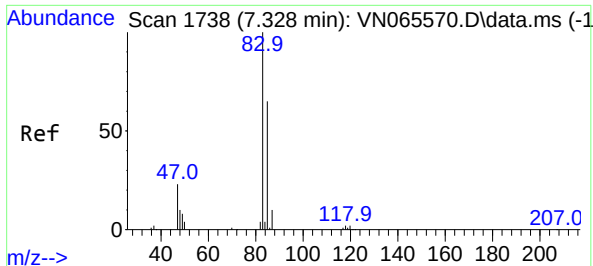
Delta R.T. -0.007 min

Lab File: VN065883.D

Acq: 16 Feb 2021 19:21

Tgt Ion:	96	Resp:	144204
Ion	Ratio	Lower	Upper
96	100		
61	122.0	0.0	276.8
98	64.9	0.0	129.4





#30

Chloroform

Concen: 0.41 ug/l

RT: 7.325 min Scan# 1737

Delta R.T. -0.003 min

Lab File: VN065883.D

Acq: 16 Feb 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

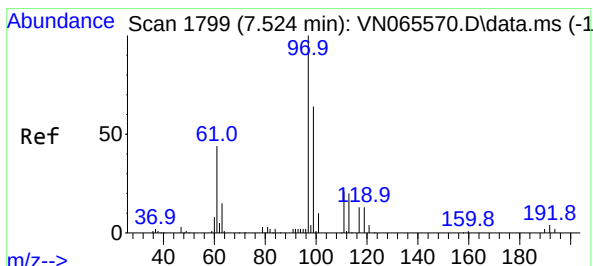
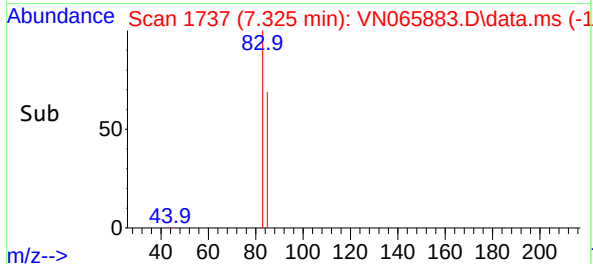
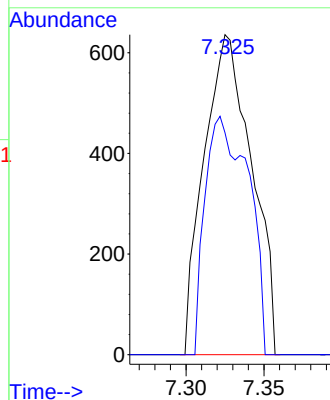
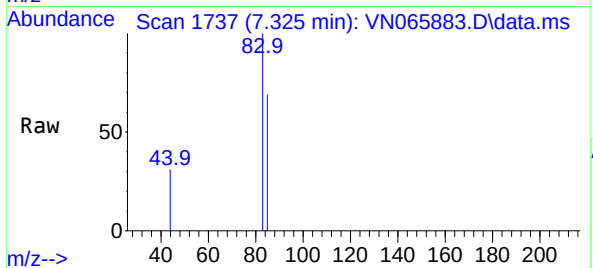
GWBR2-SC-93-021121DL

Tgt Ion: 83 Resp: 1355

Ion Ratio Lower Upper

83 100

85 69.3 52.6 78.8



#32

1,1,1-Trichloroethane

Concen: 1.20 ug/l

RT: 7.518 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VN065883.D

Acq: 16 Feb 2021 19:21

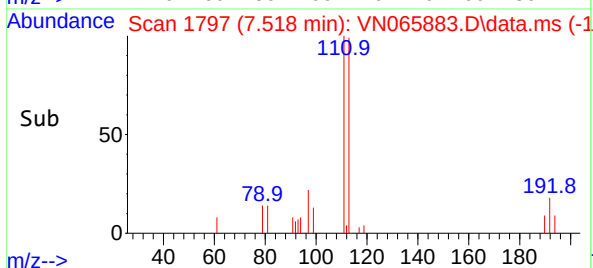
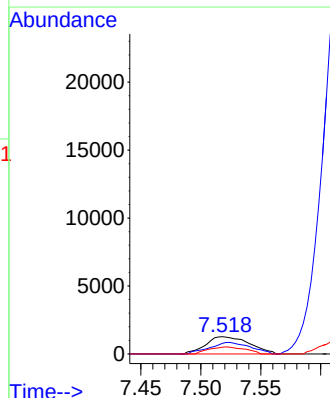
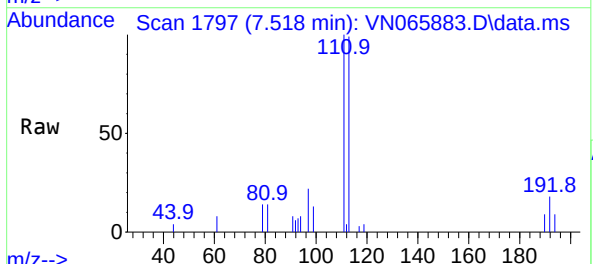
Tgt Ion: 97 Resp: 3217

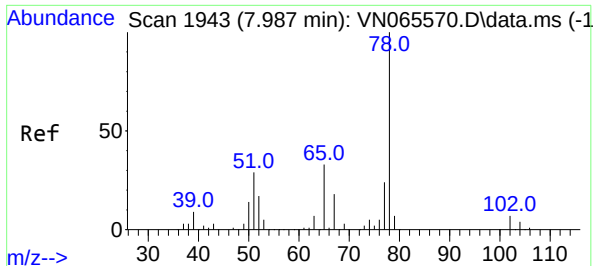
Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 34.3 34.3 51.5#

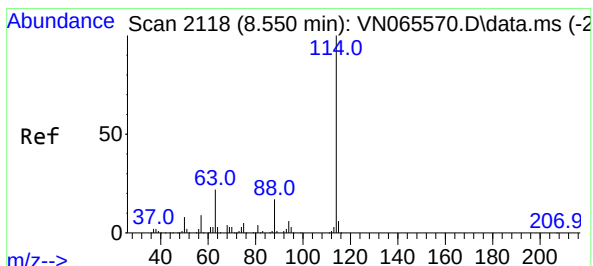
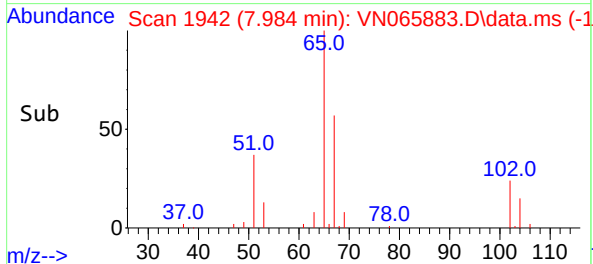
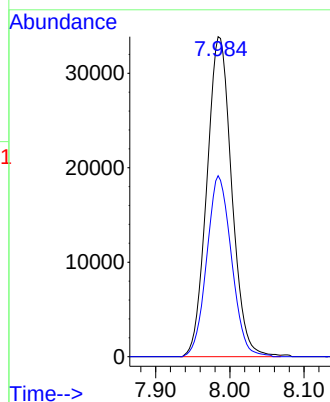
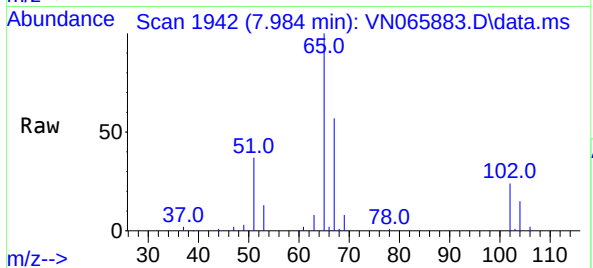




#33
1,2-Dichloroethane-d4
Concen: 41.31 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

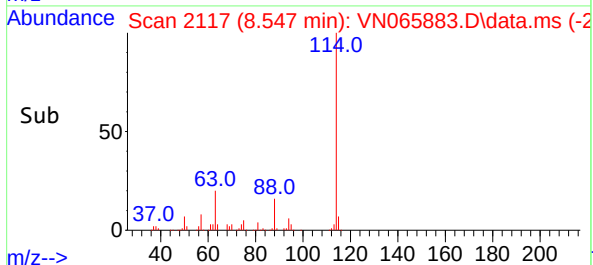
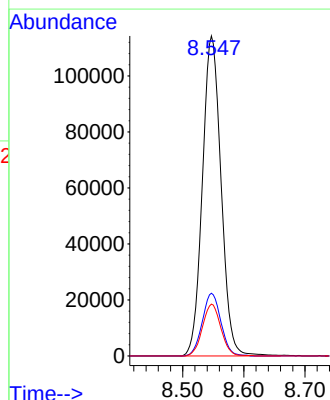
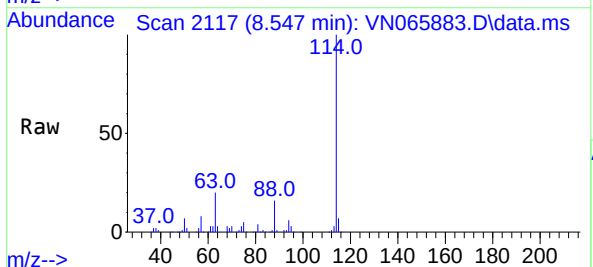
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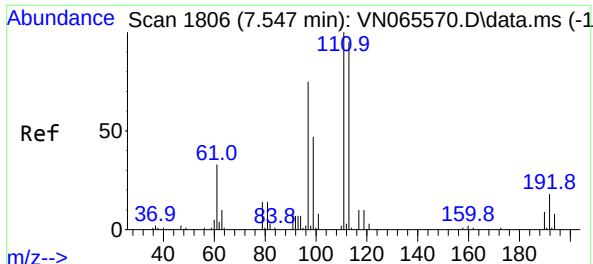
Tgt Ion: 65 Resp: 78806
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 114 Resp: 242301
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 16.2 0.0 30.6



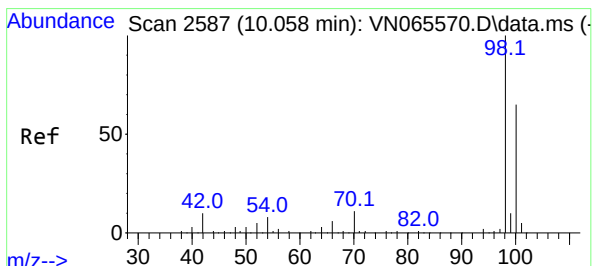
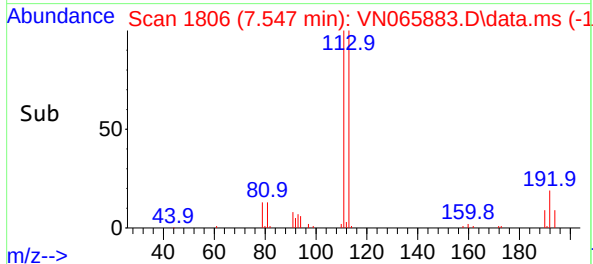
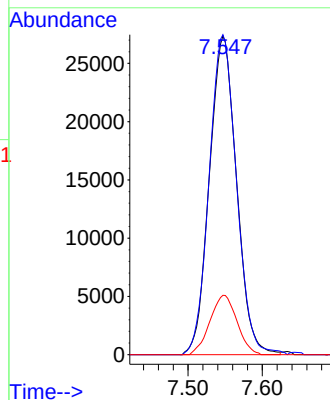
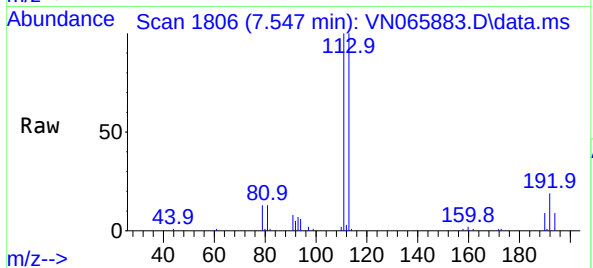


#35

Dibromofluoromethane
Concen: 48.34 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

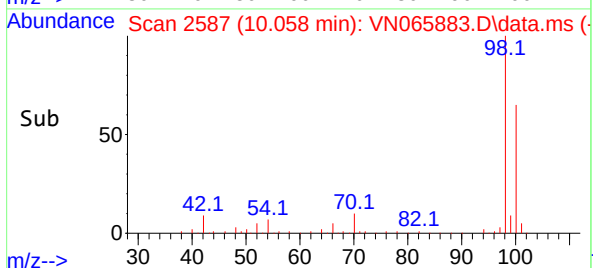
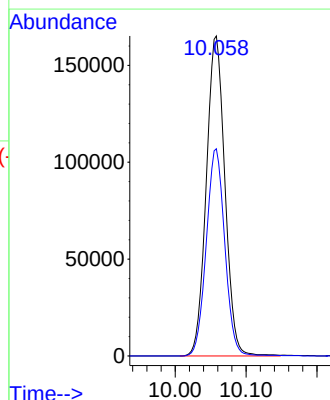
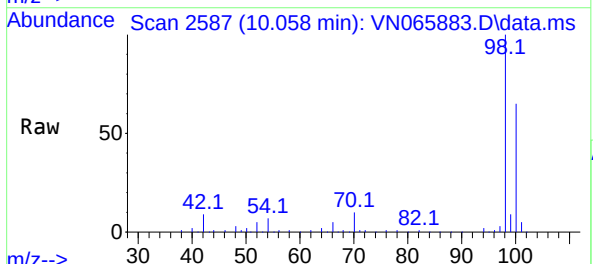
Tgt Ion:113 Resp: 69406
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 18.6 15.4 23.0

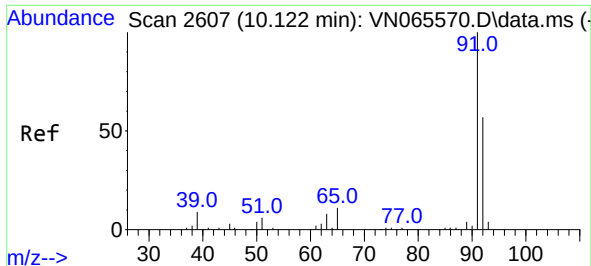


#50

Toluene-d8
Concen: 53.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 98 Resp: 301076
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

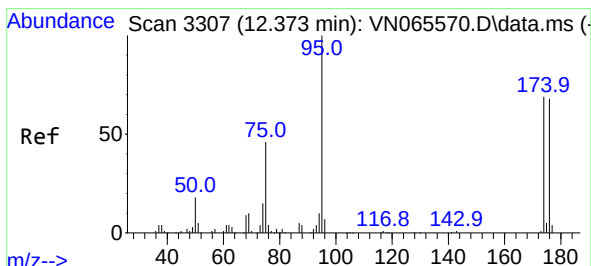
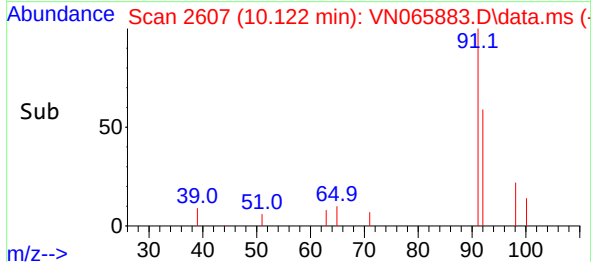
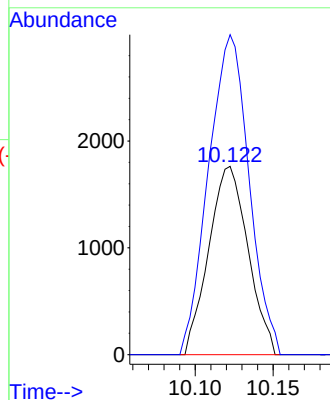
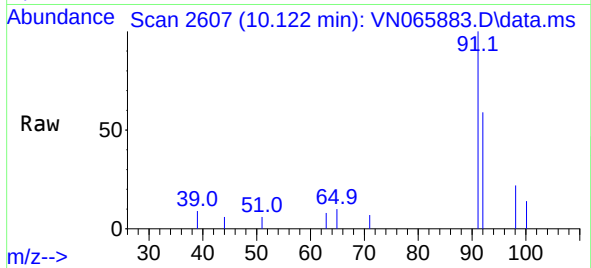




#52
Toluene
Concen: 0.70 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

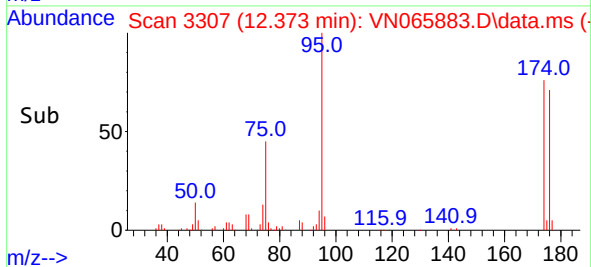
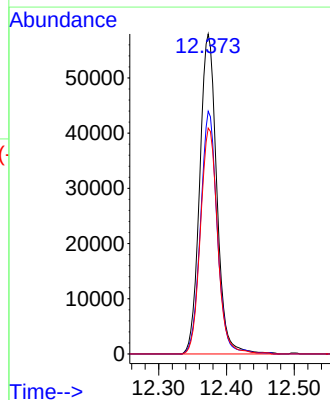
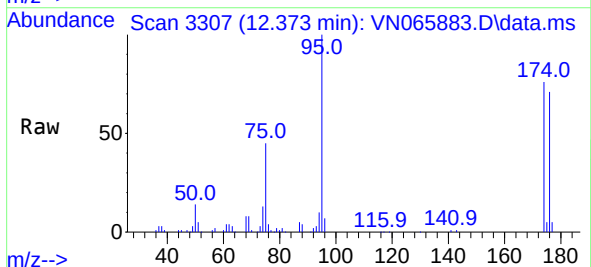
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL

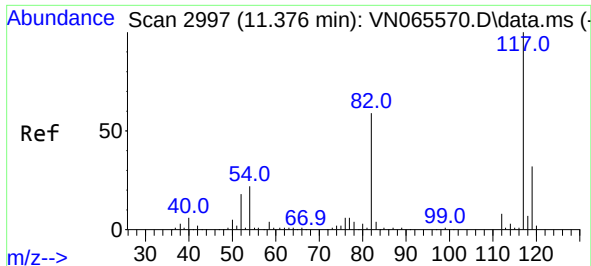
Tgt Ion: 92 Resp: 3083
Ion Ratio Lower Upper
92 100
91 175.6 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 49.73 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 95 Resp: 101077
Ion Ratio Lower Upper
95 100
174 74.3 0.0 169.0
176 70.9 0.0 162.4



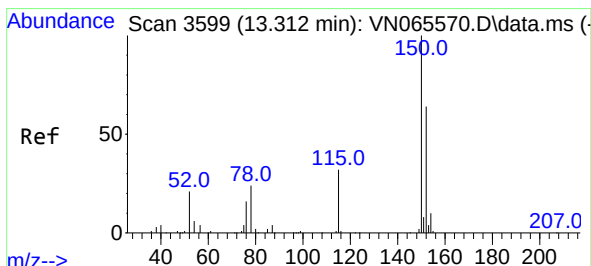
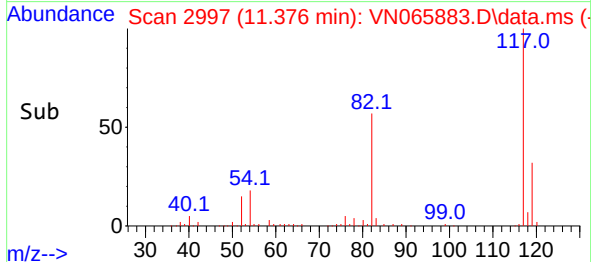
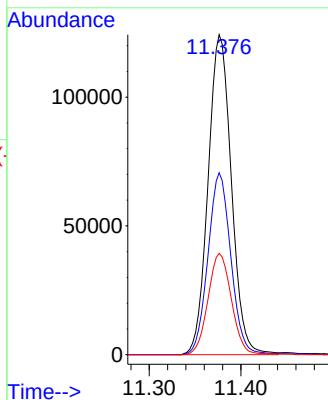
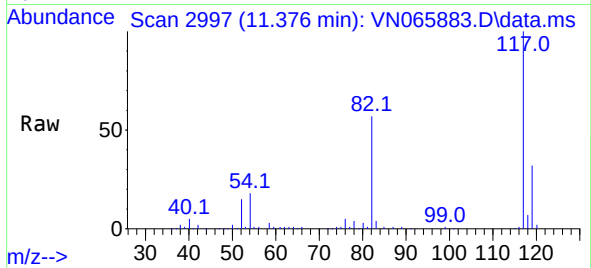


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

Tgt Ion:117 Resp: 219419

Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.7	65.5
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion:152 Resp: 83821

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.5	85.6
150	158.0	0.0	347.6

