

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)

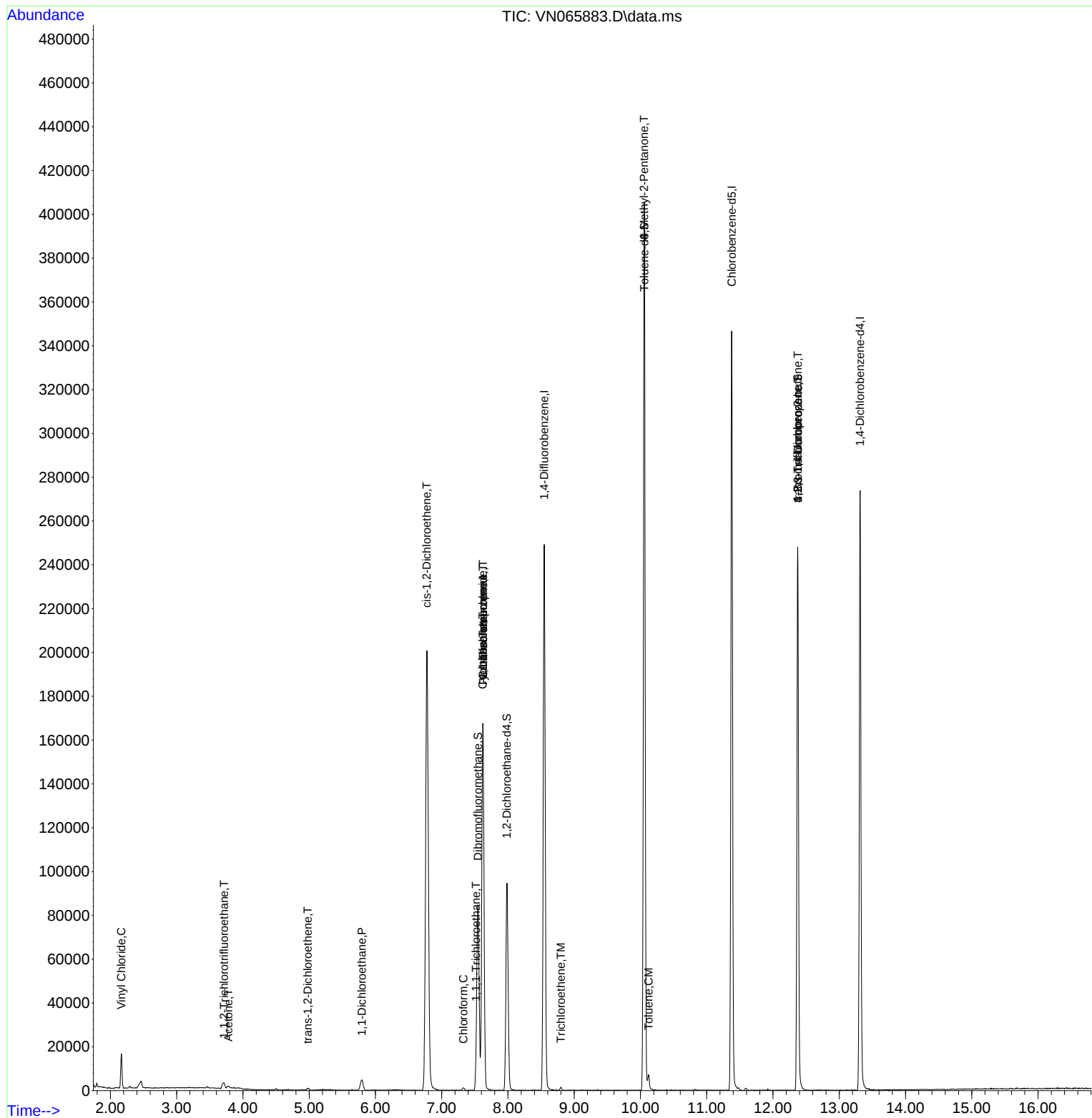
Internal Standards						
1) Pentafluorobenzene	7.624	168	144991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	242301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	219419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	83821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
21) trans-1,2-Dichloroethene	4.978	96	511	0.27	ug/l #	83
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
31) Cyclohexane	7.618	56	2270	0.63	ug/l #	1
32) 1,1,1-Trichloroethane	7.518	97	3217	1.20	ug/l #	46
36) 1,1-Dichloropropene	7.621	75	10219	4.19	ug/l #	47
38) Carbon Tetrachloride	7.621	117	13321	6.64	ug/l #	16
44) Trichloroethene	8.798	130	513	0.28	ug/l	80
51) 4-Methyl-2-Pentanone	10.052	43	833	0.36	ug/l #	1
52) Toluene	10.122	92	3083	0.70	ug/l	100
76) 1,2,3-Trichloropropane	12.373	75	45173	20.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	45173	52.79	ug/l #	12

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

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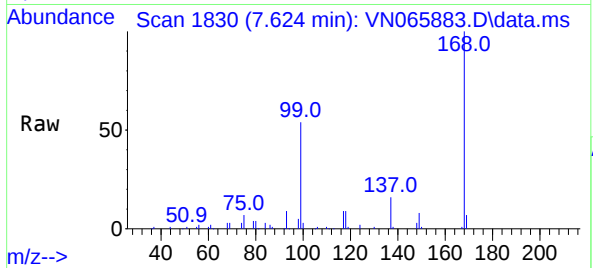
Quant Time: Feb 16 19:38:11 2021
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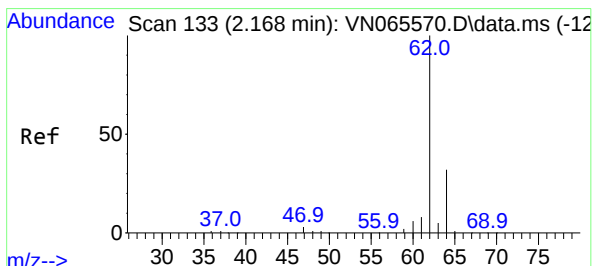
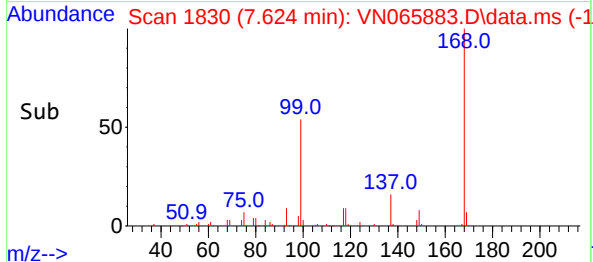
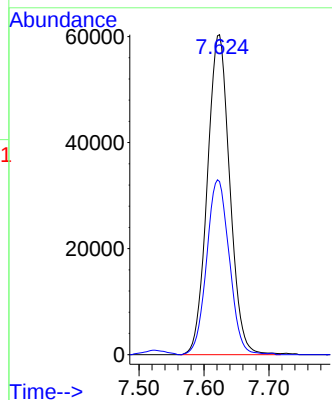


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

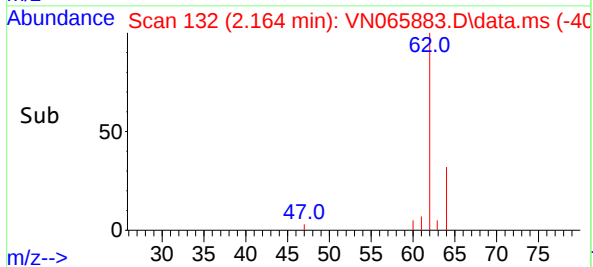
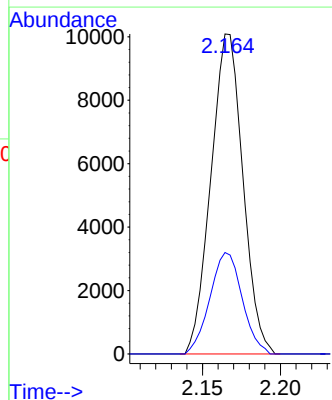
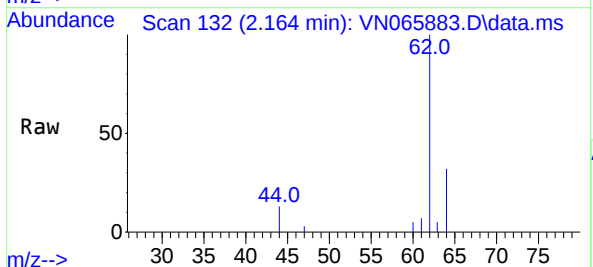


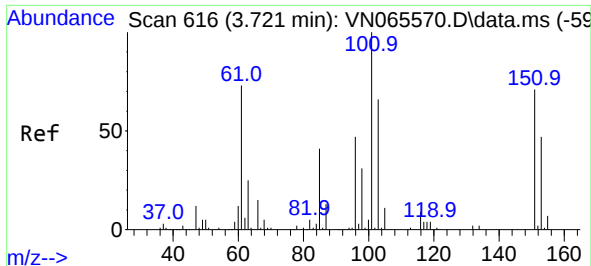
Tgt Ion:168 Resp: 144991
Ion Ratio Lower Upper
168 100
99 54.1 42.6 63.8



#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



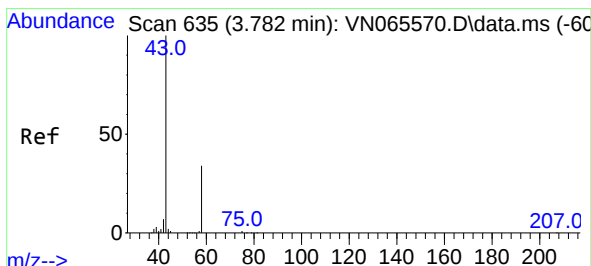
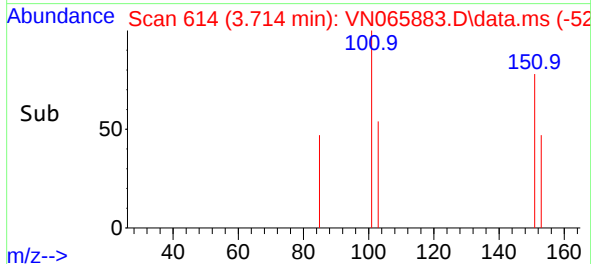
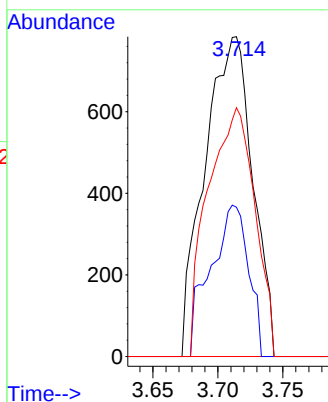
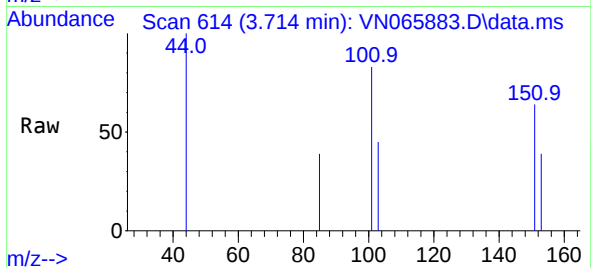


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.31 ug/l
RT: 3.714 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

Tgt Ion:101 Resp: 2011

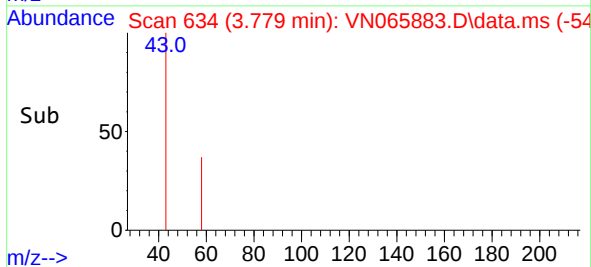
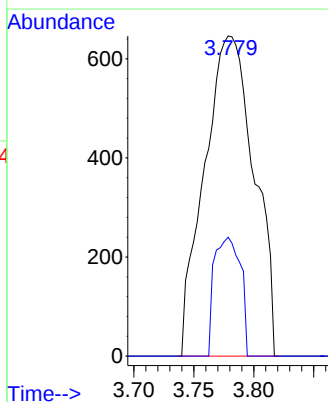
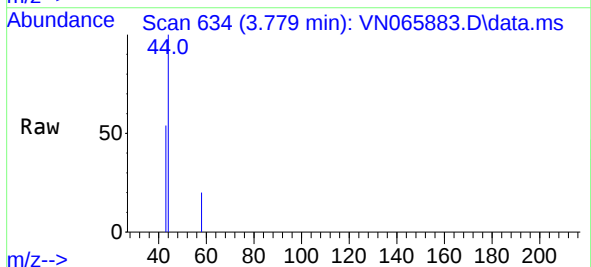
Ion	Ratio	Lower	Upper
101	100		
85	37.6	34.6	51.8
151	75.9	63.5	95.3

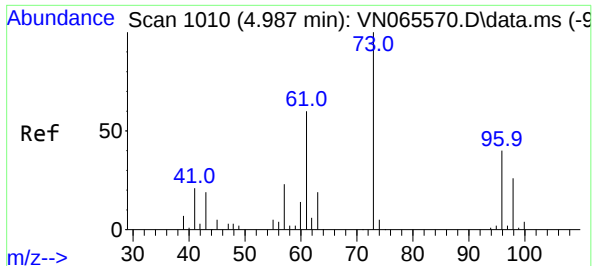


#16
Acetone
Concen: 2.51 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 43 Resp: 1863

Ion	Ratio	Lower	Upper
43	100		
58	37.2	27.0	40.6

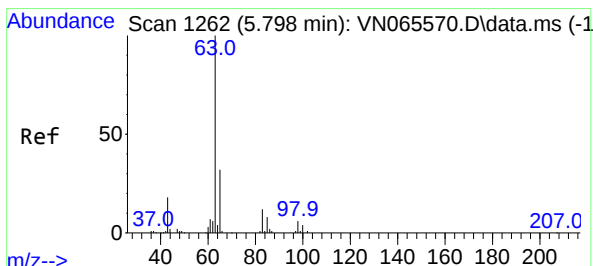
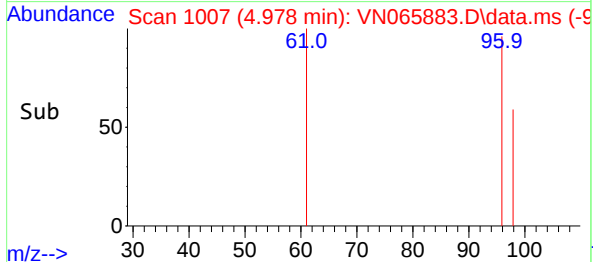
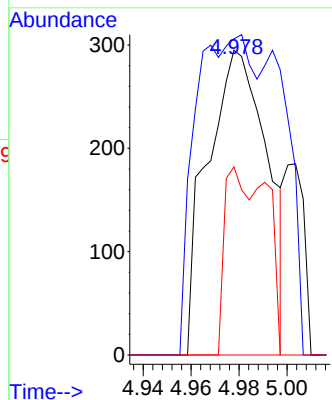
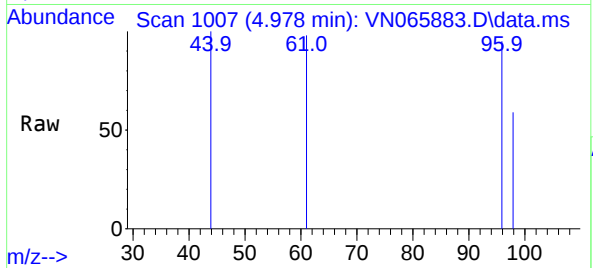




#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 4.978 min Scan# 1007
Delta R.T. -0.009 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

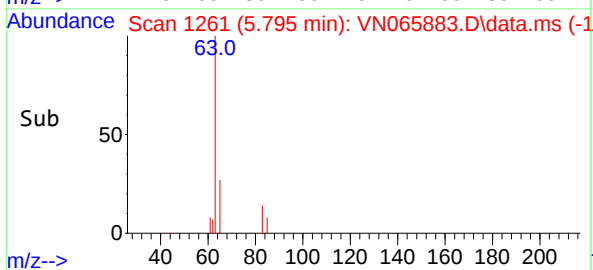
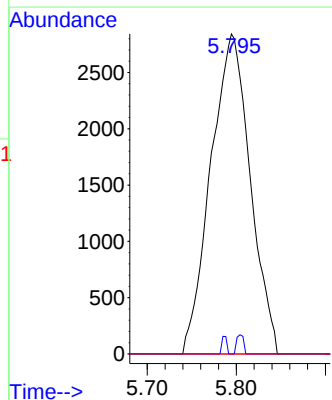
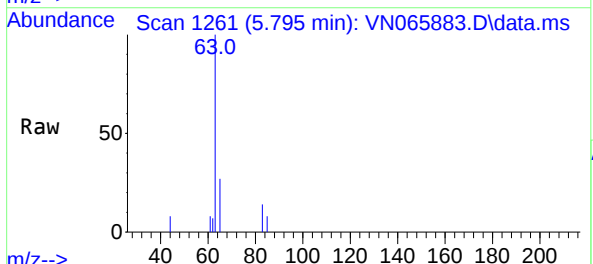
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL

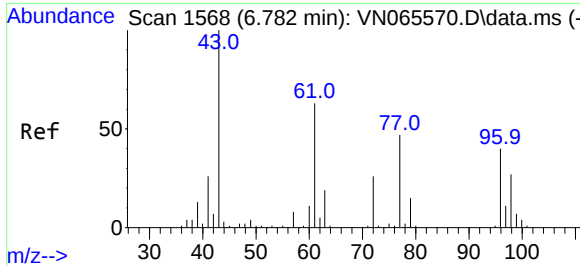
Tgt Ion: 96 Resp: 511
Ion Ratio Lower Upper
96 100
61 103.7 104.9 157.3#
98 61.7 51.8 77.8



#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

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#

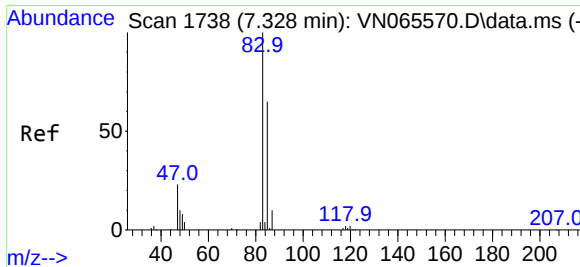
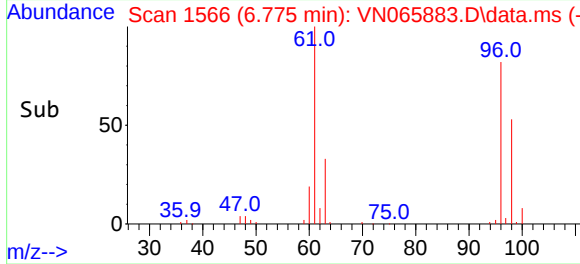
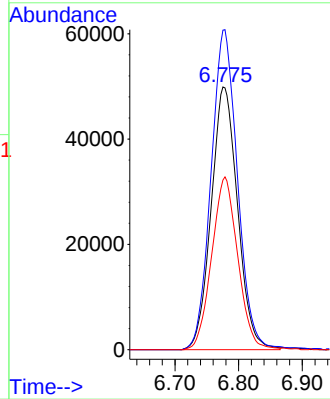
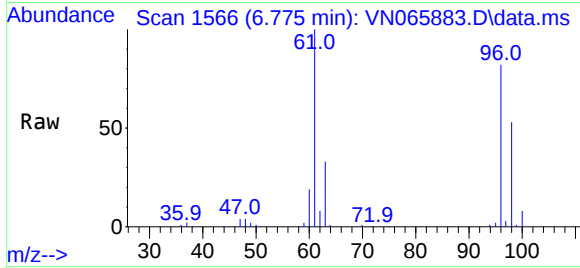




#27
 cis-1,2-Dichloroethene
 Concen: 67.09 ug/l
 RT: 6.775 min Scan# 1566
 Delta R.T. -0.007 min
 Lab File: VN065883.D
 Acq: 16 Feb 2021 19:21

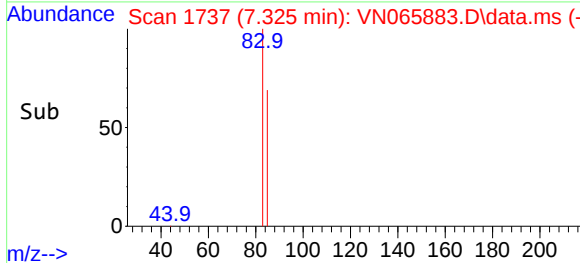
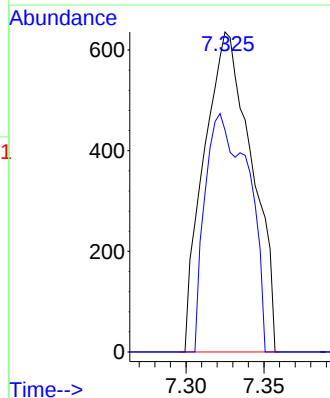
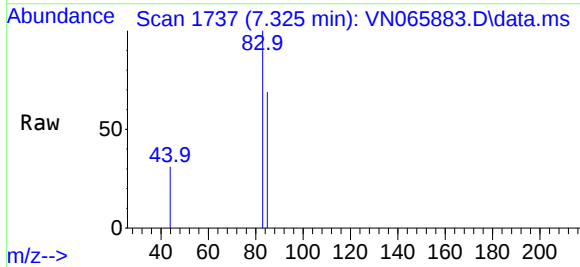
Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-SC-93-021121DL

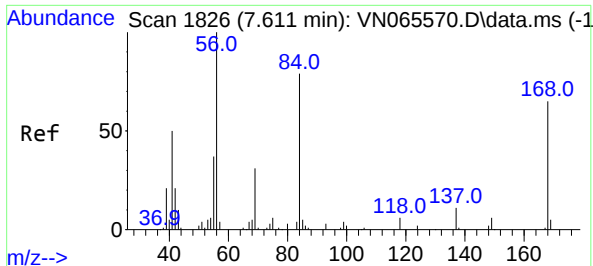
Tgt Ion:	96	Resp:	144204
Ion	Ratio	Lower	Upper
96	100		
61	122.0	0.0	276.8
98	64.9	0.0	129.4



#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

Tgt Ion:	83	Resp:	1355
Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.6	78.8

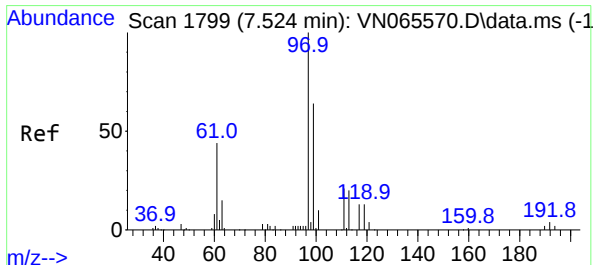
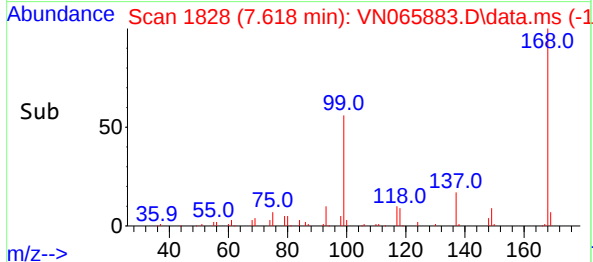
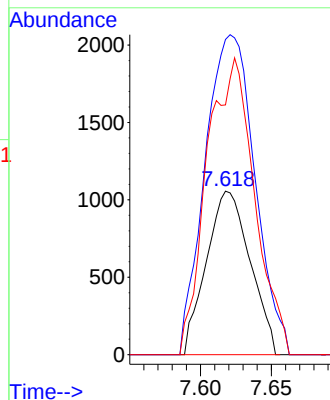
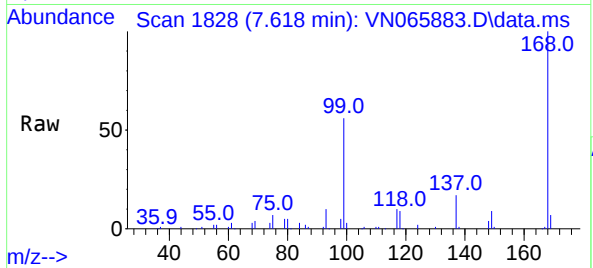




#31
Cyclohexane
Concen: 0.63 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

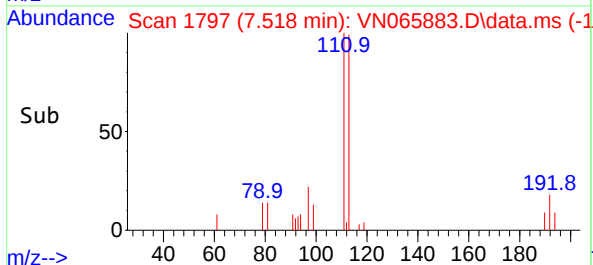
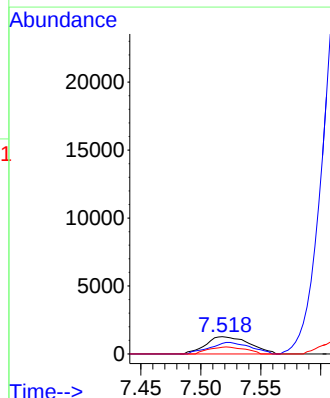
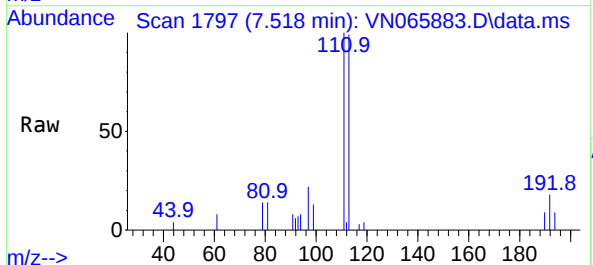
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL

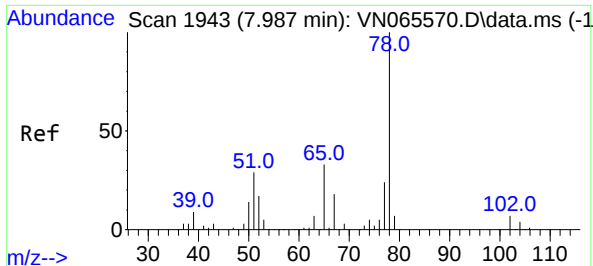
Tgt Ion: 56 Resp: 2270
Ion Ratio Lower Upper
56 100
69 192.8 26.6 39.8#
84 152.7 70.4 105.6#



#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#



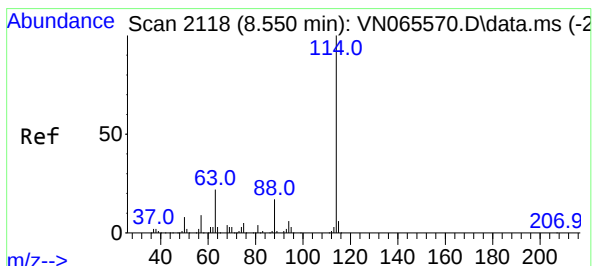
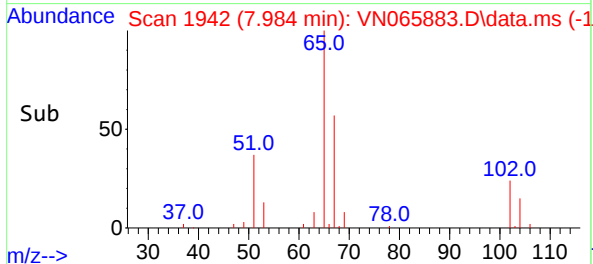
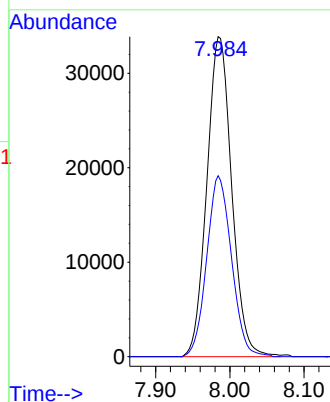
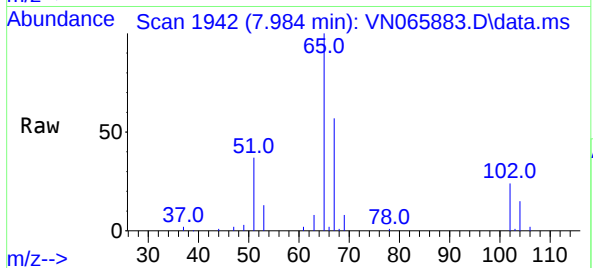


#33

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

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

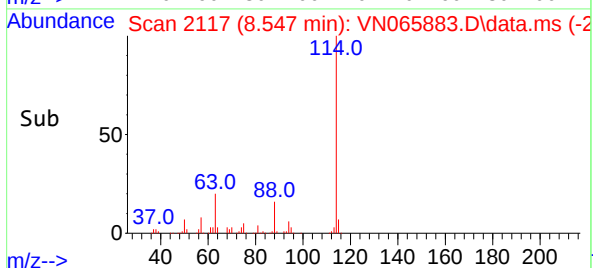
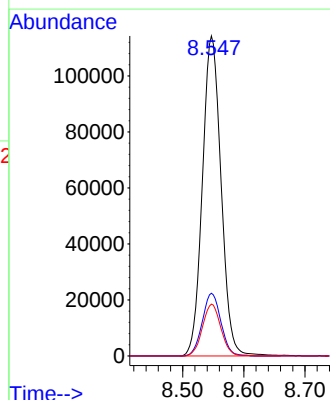
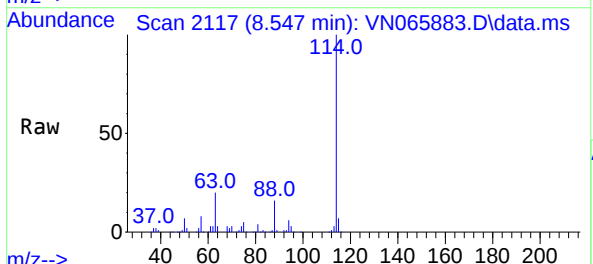
Tgt Ion: 65 Resp: 78806
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2

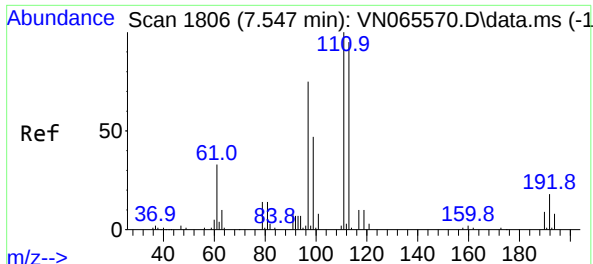


#34

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



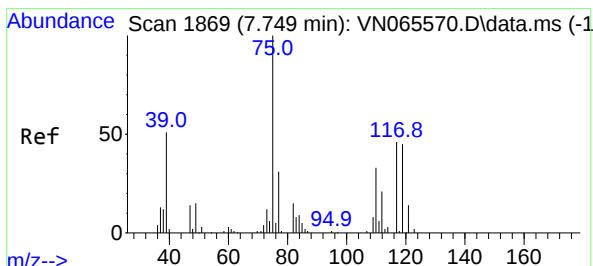
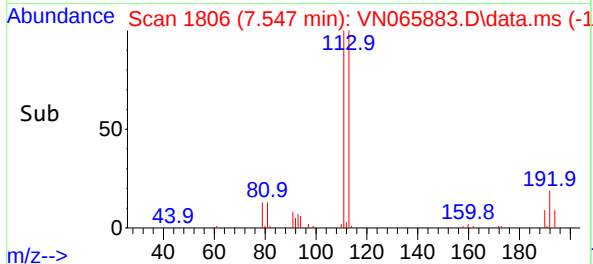
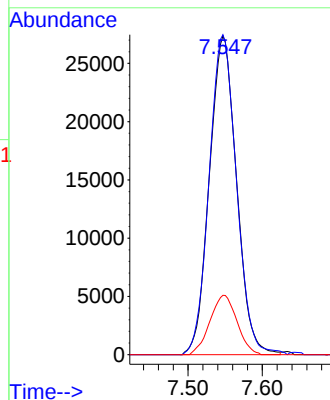
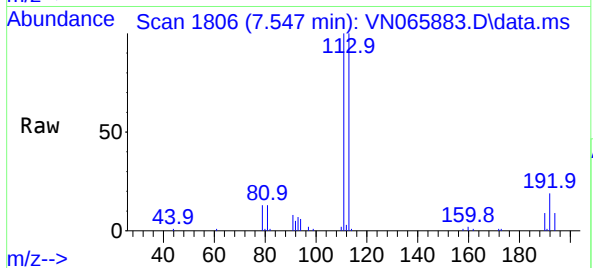


#35
Dibromofluoromethane
Concen: 48.34 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

Tgt Ion:113 Resp: 69406

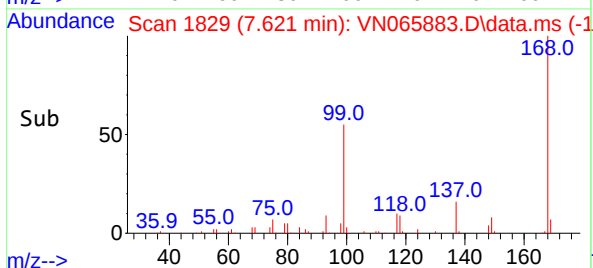
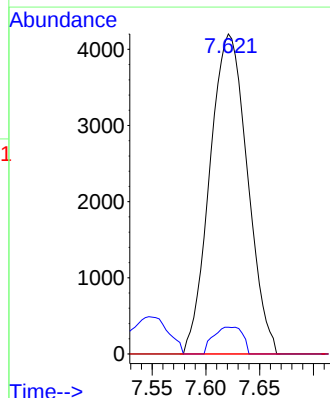
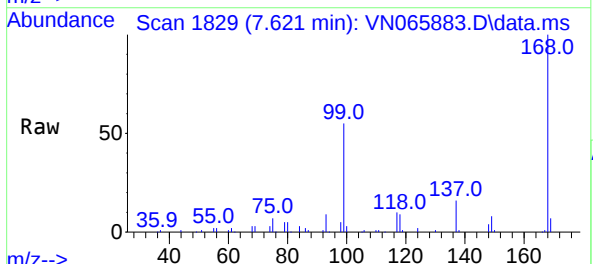
Ion	Ratio	Lower	Upper
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111	101.1	82.2	123.2
192	18.6	15.4	23.0

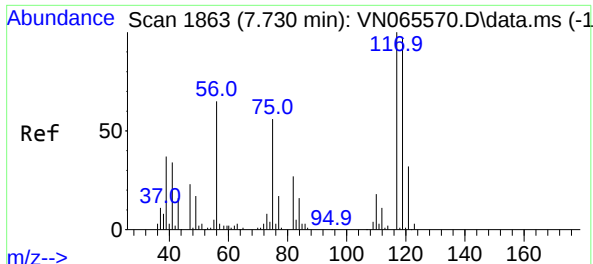


#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 75 Resp: 10219

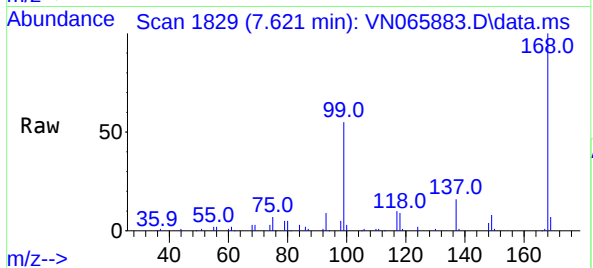
Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.2	54.6#
77	0.0	24.9	37.3#



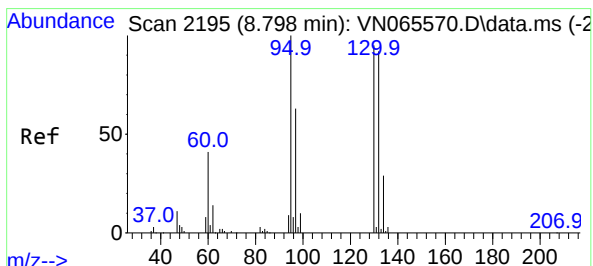
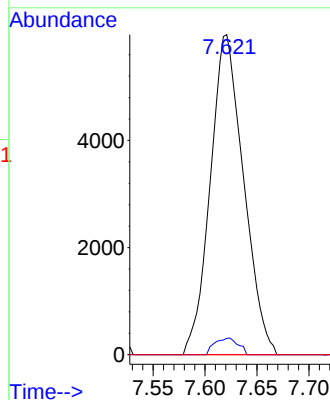
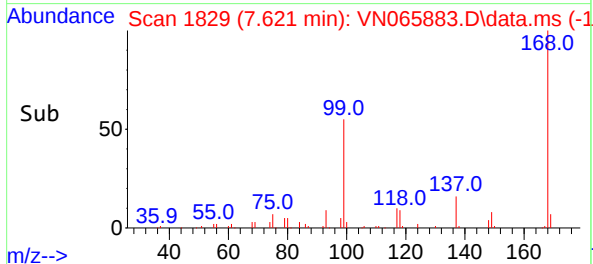


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

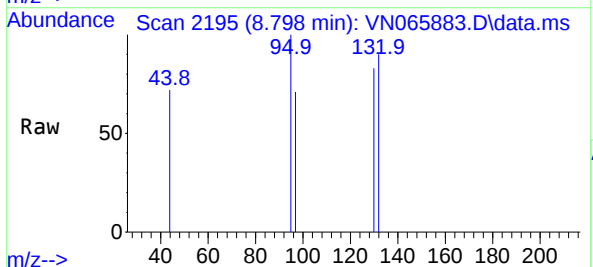
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL



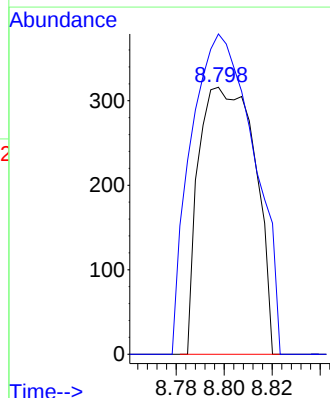
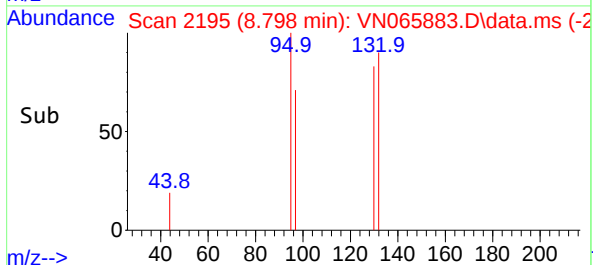
Tgt Ion:117 Resp: 13321
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#

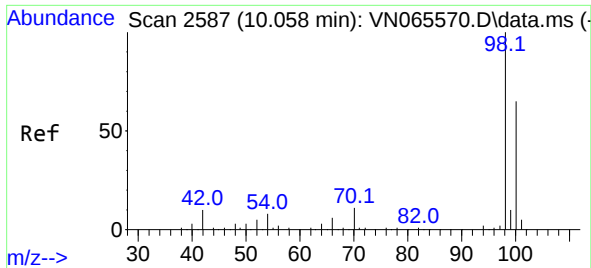


#44
Trichloroethene
Concen: 0.28 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21



Tgt Ion:130 Resp: 513
Ion Ratio Lower Upper
130 100
95 119.9 0.0 199.6

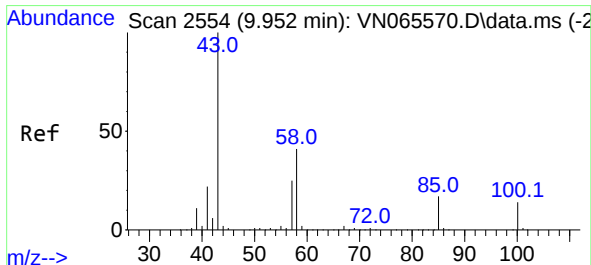
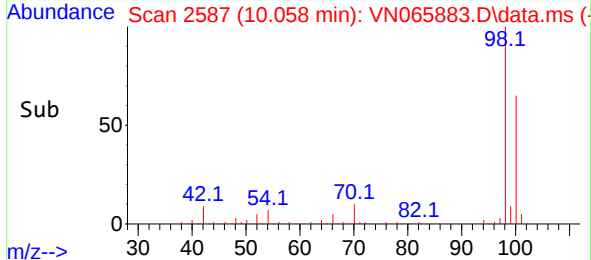
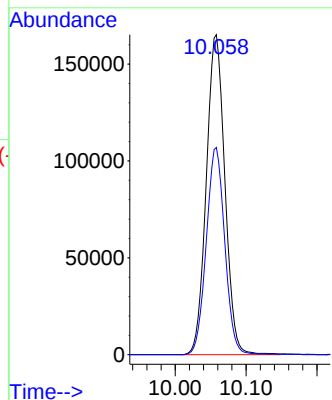
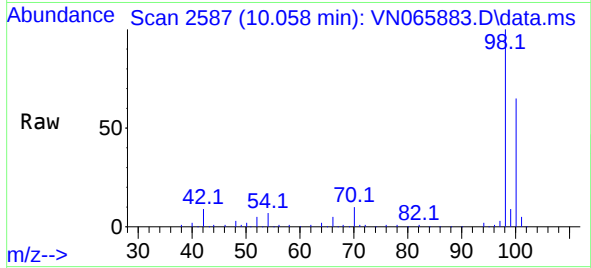




#50
Toluene-d8
Concen: 53.34 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

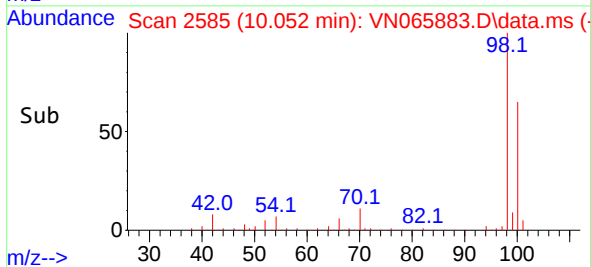
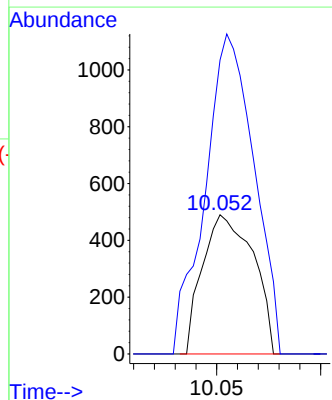
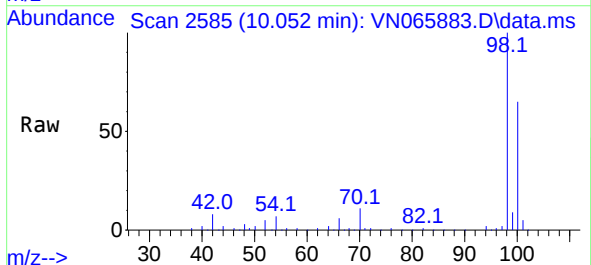
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL

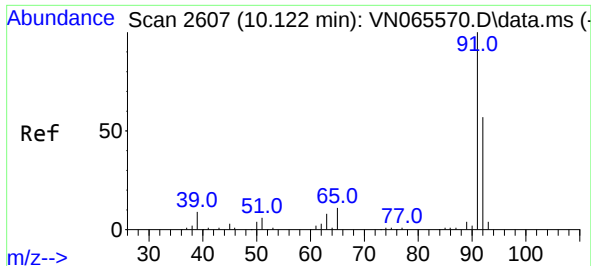
Tgt Ion: 98 Resp: 301076
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.100 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 221.7 32.5 48.7#

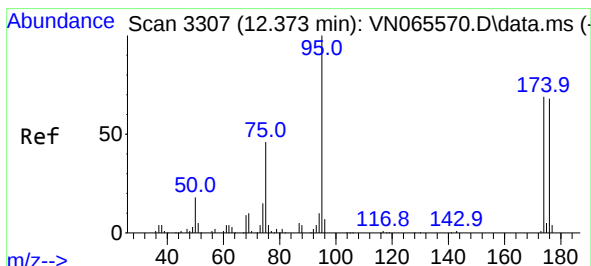
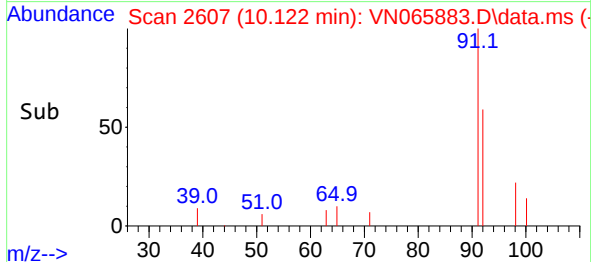
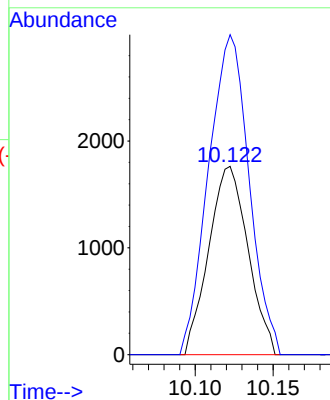
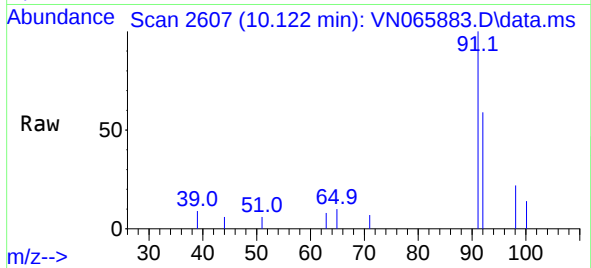




#52
Toluene
Concen: 0.70 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

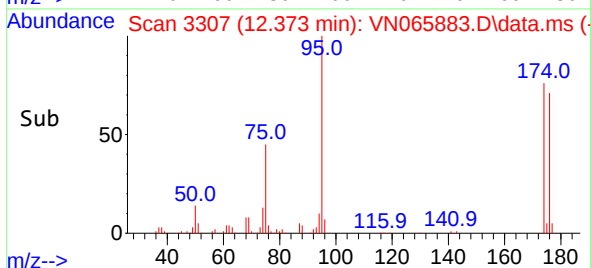
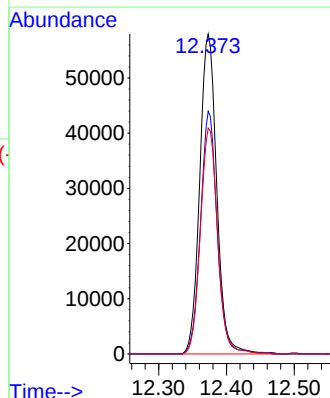
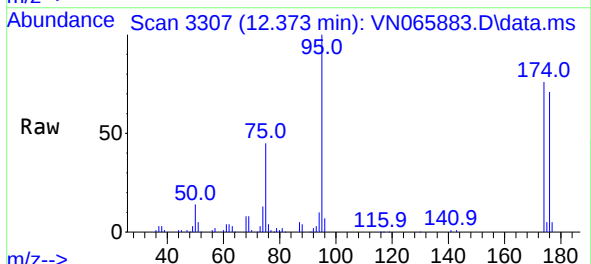
Instrument :
MSVOA_N
ClientSampleId :
GWBR2-SC-93-021121DL

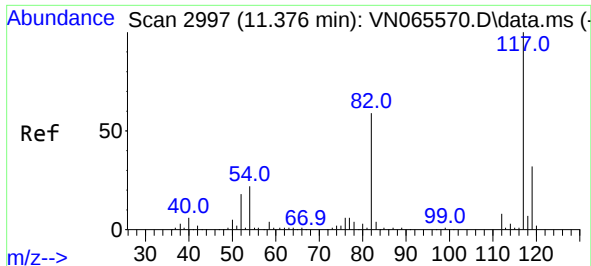
Tgt Ion: 92 Resp: 3083
Ion Ratio Lower Upper
92 100
91 175.6 140.7 211.1



#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



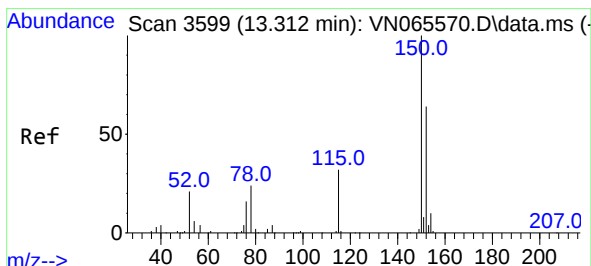
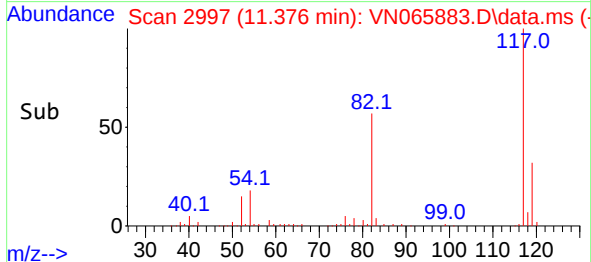
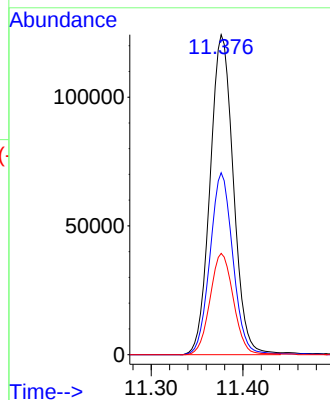
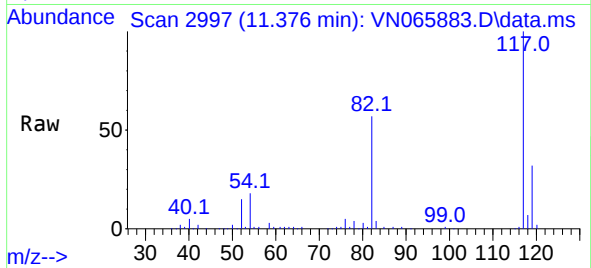


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

Tgt Ion:117 Resp: 219419

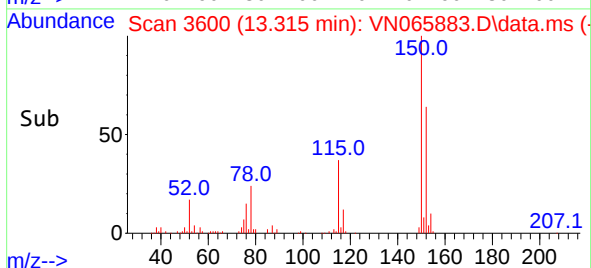
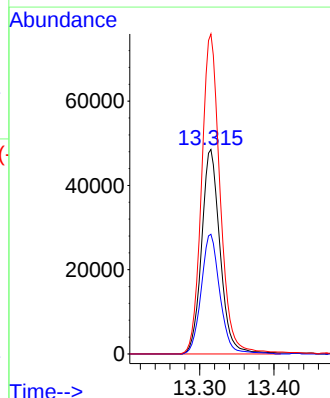
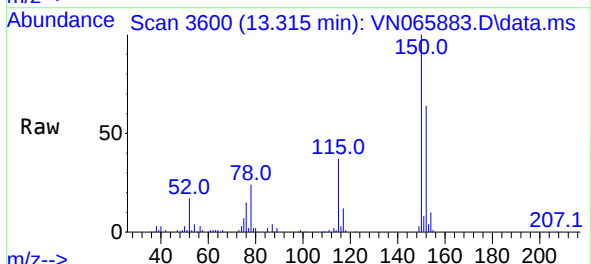
Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.7	65.5
119	31.6	26.1	39.1

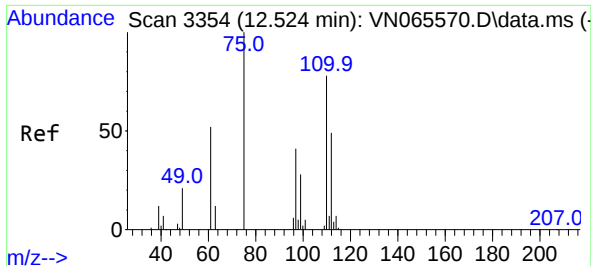


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

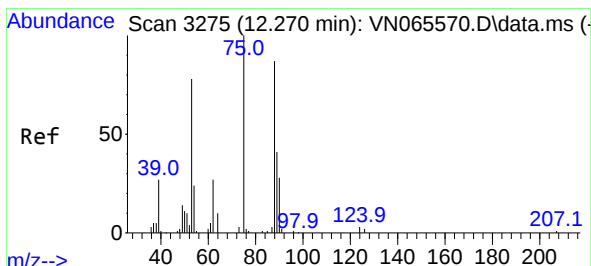
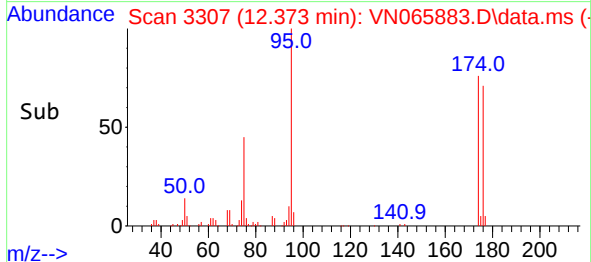
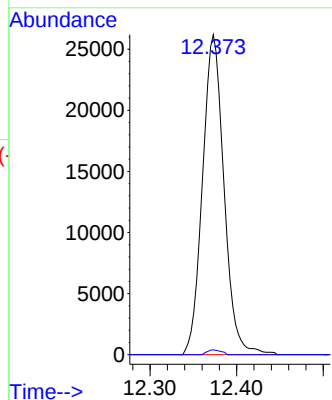
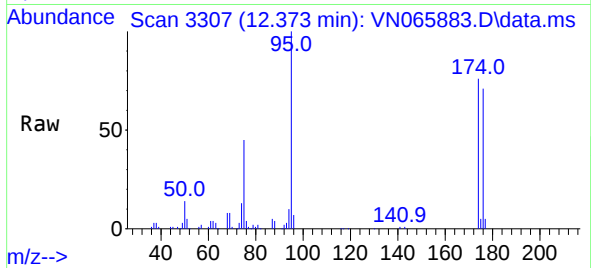




#76
1,2,3-Trichloropropane
Concen: 20.61 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

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

Tgt Ion: 75 Resp: 45173
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.79 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065883.D
Acq: 16 Feb 2021 19:21

Tgt Ion: 75 Resp: 45173
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

