

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066049.D
 Acq On : 26 Feb 2021 14:25
 Operator : JC/MD
 Sample : M1504-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW805-20-25-022521

Quant Time: Feb 26 23:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

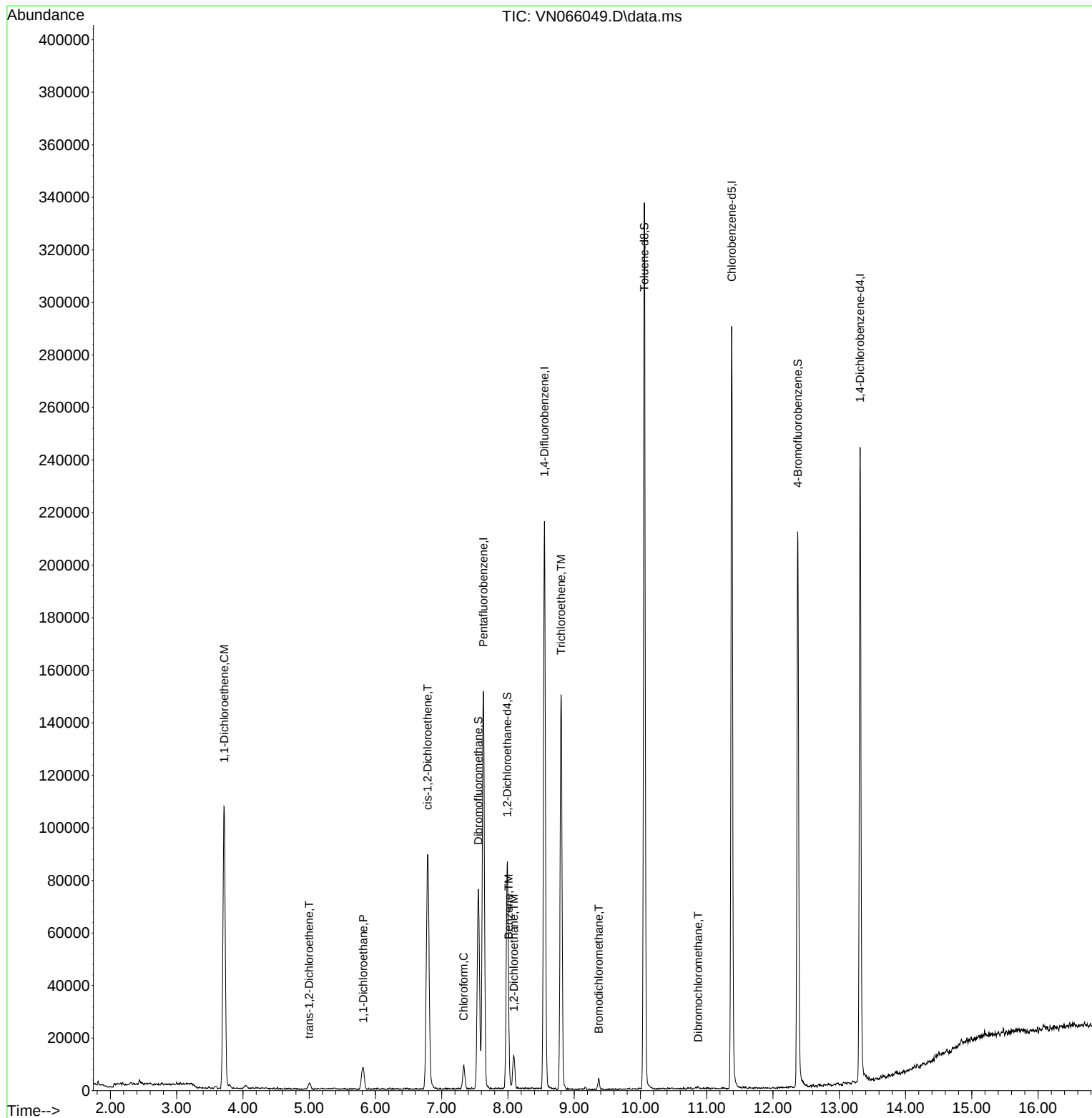
Internal Standards						
1) Pentafluorobenzene	7.627	168	120273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	195176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	176817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	71605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	81491	48.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.90%		
35) Dibromofluoromethane	7.553	113	58558	48.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.96%		
50) Toluene-d8	10.058	98	236474	47.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.38%		
62) 4-Bromofluorobenzene	12.373	95	84381	45.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.66%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.717	96	57121	42.29	ug/l	94
21) trans-1,2-Dichloroethene	5.000	96	1491	1.05	ug/l	97
24) 1,1-Dichloroethane	5.814	63	14531	5.45	ug/l	99
27) cis-1,2-Dichloroethene	6.788	96	62246	38.49	ug/l	96
30) Chloroform	7.331	83	9697	3.68	ug/l	99
40) Benzene	8.010	78	1830	0.31	ug/l	97
42) 1,2-Dichloroethane	8.090	62	13568	6.99	ug/l	96
44) Trichloroethene	8.804	130	57171	39.15	ug/l	98
47) Bromodichloromethane	9.370	83	3332	1.78	ug/l #	84
60) Dibromochloromethane	10.871	129	582	0.42	ug/l	90

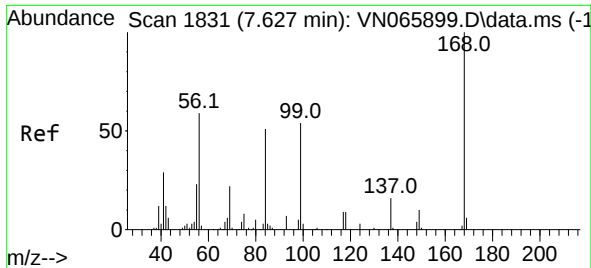
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
Data File : VN066049.D
Acq On : 26 Feb 2021 14:25
Operator : JC/MD
Sample : M1504-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

Quant Time: Feb 26 23:33:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

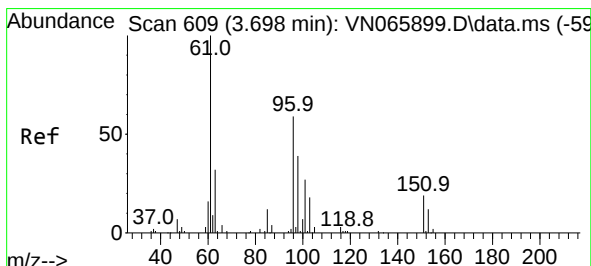
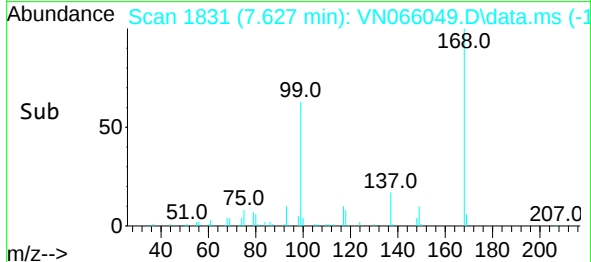
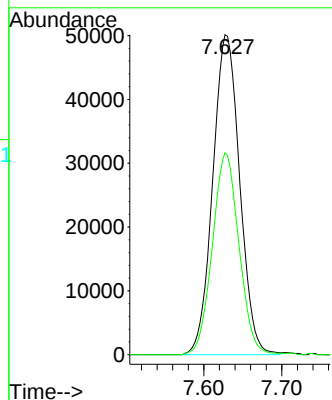
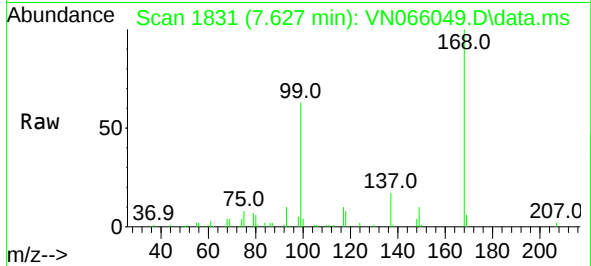




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

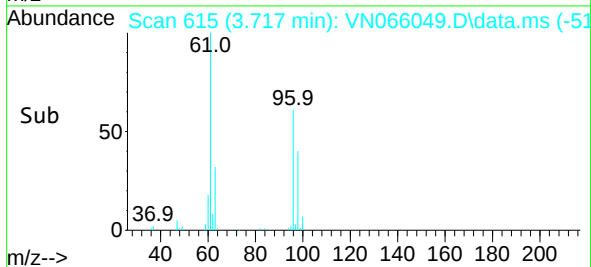
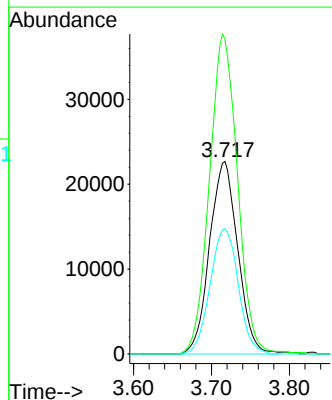
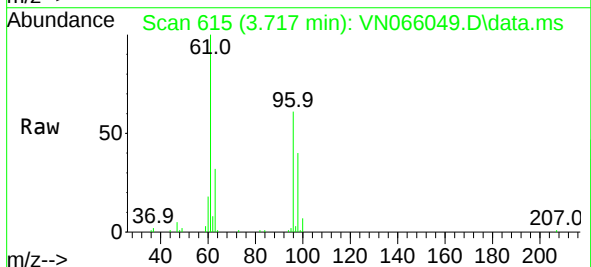
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

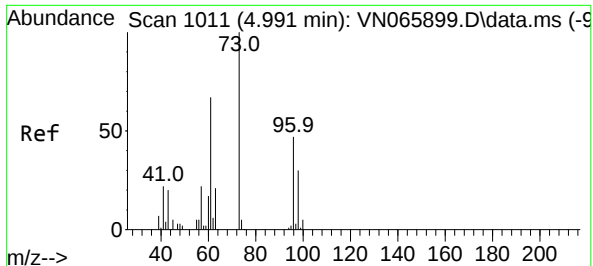
Tgt Ion:168 Resp: 120273
Ion Ratio Lower Upper
168 100
99 63.1 42.6 63.8



#12
1,1-Dichloroethene
Concen: 42.29 ug/l
RT: 3.717 min Scan# 615
Delta R.T. 0.019 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion: 96 Resp: 57121
Ion Ratio Lower Upper
96 100
61 163.5 122.5 183.7
98 65.1 50.8 76.2

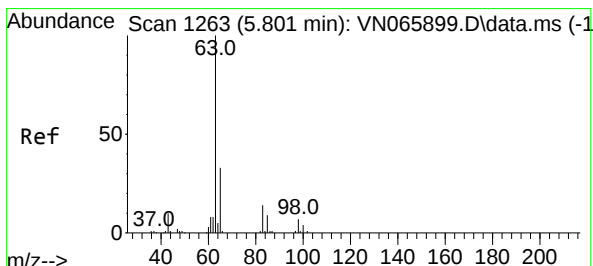
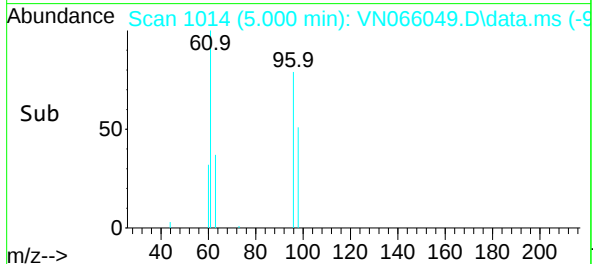
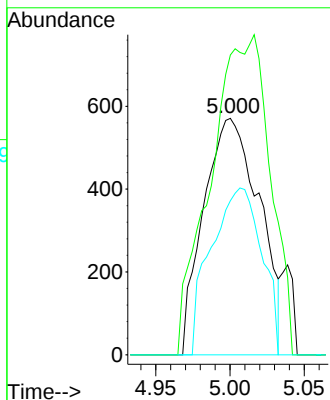
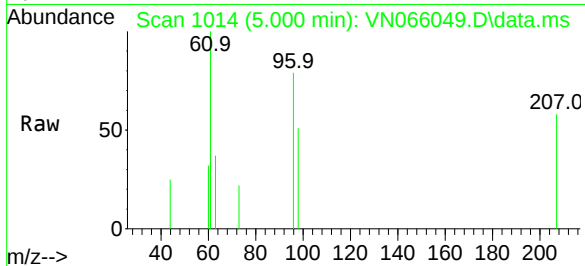




#21
trans-1,2-Dichloroethene
Concen: 1.05 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.009 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

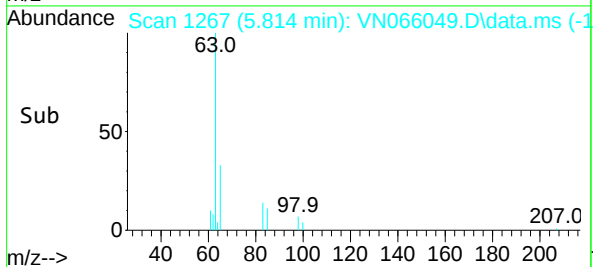
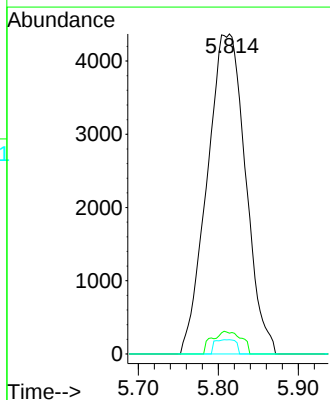
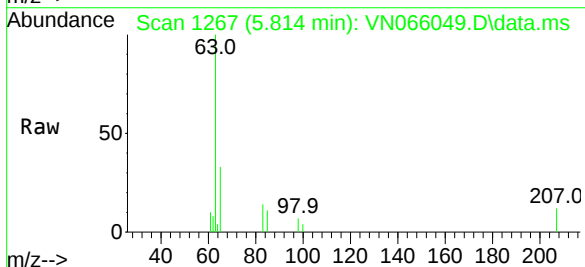
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

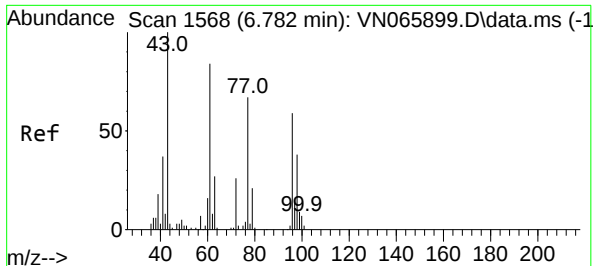
Tgt Ion: 96 Resp: 1491
Ion Ratio Lower Upper
96 100
61 126.8 104.9 157.3
98 65.1 51.8 77.8



#24
1,1-Dichloroethane
Concen: 5.45 ug/l
RT: 5.814 min Scan# 1267
Delta R.T. 0.013 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion: 63 Resp: 14531
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.4
100 4.4 2.3 6.9

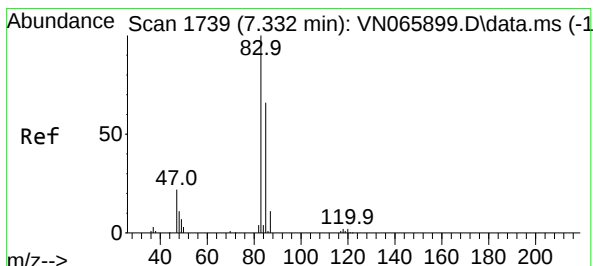
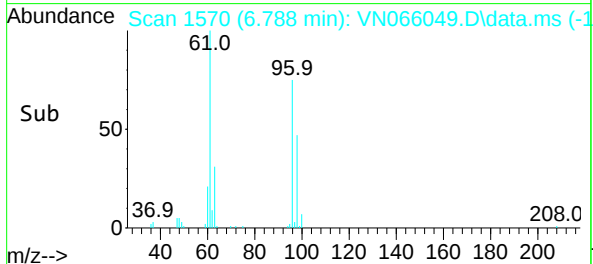
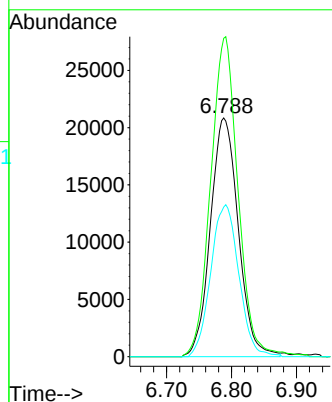
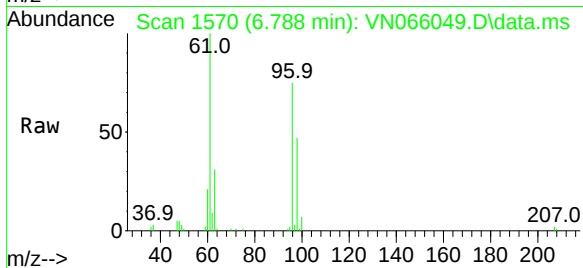




#27
cis-1,2-Dichloroethene
Concen: 38.49 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

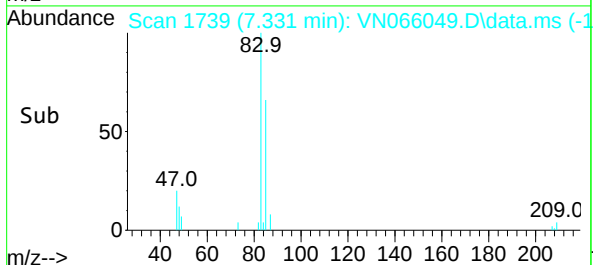
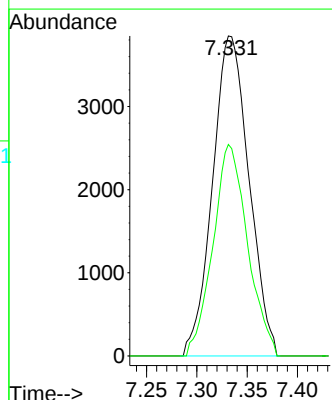
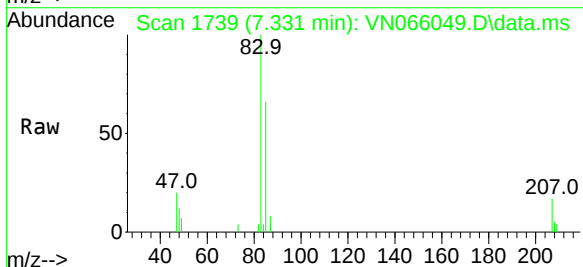
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

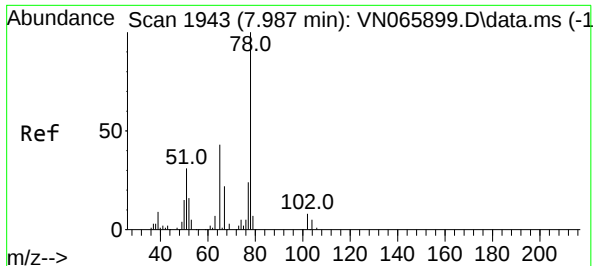
Tgt Ion:	96	Resp:	62246
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	276.8
98	64.1	0.0	129.4



#30
Chloroform
Concen: 3.68 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. -0.001 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion:	83	Resp:	9697
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.6	78.8

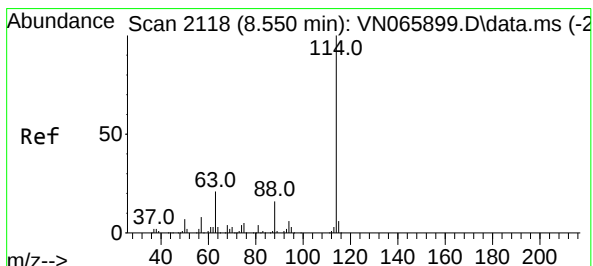
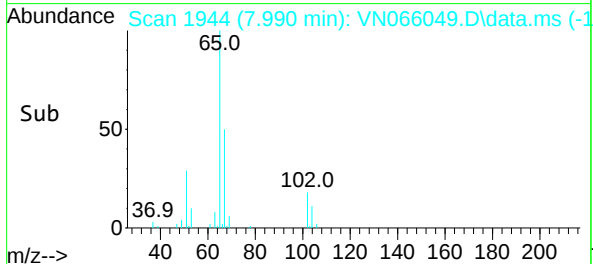
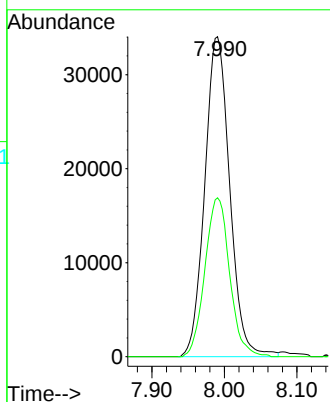
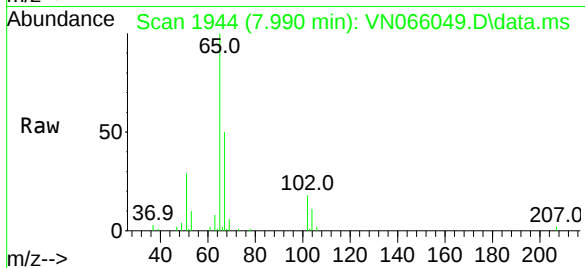




#33
1,2-Dichloroethane-d4
Concen: 48.45 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

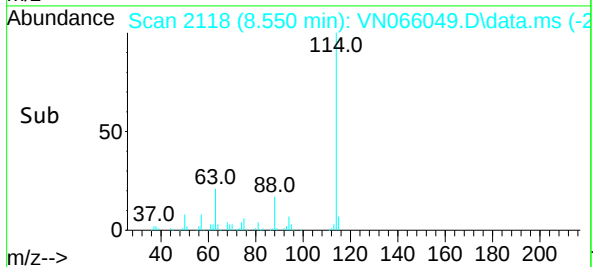
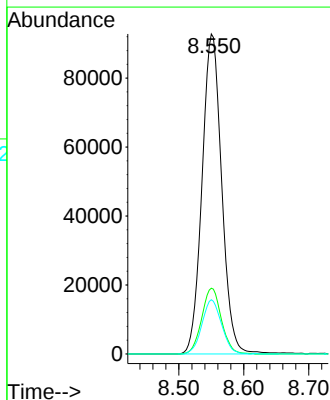
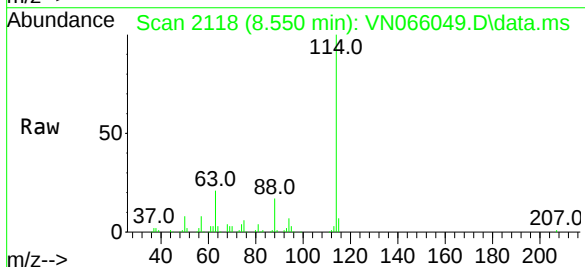
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

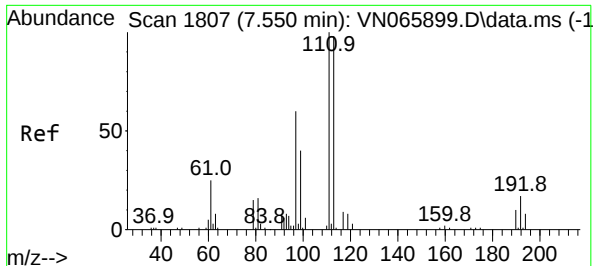
Tgt Ion: 65 Resp: 81491
Ion Ratio Lower Upper
65 100
67 49.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion: 114 Resp: 195176
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 17.0 0.0 30.6

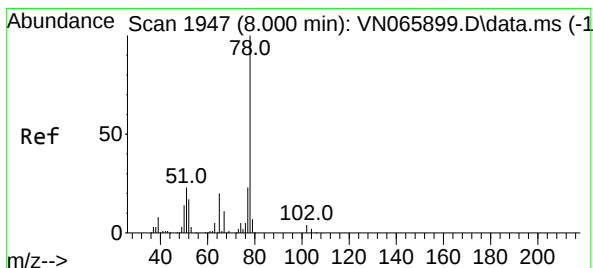
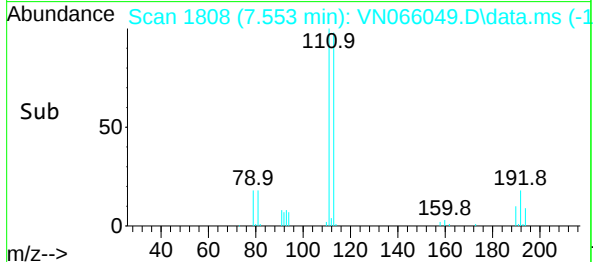
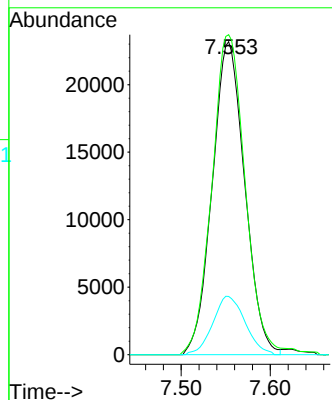
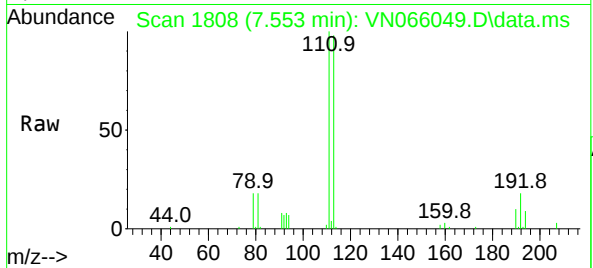




#35
Dibromofluoromethane
Concen: 48.48 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

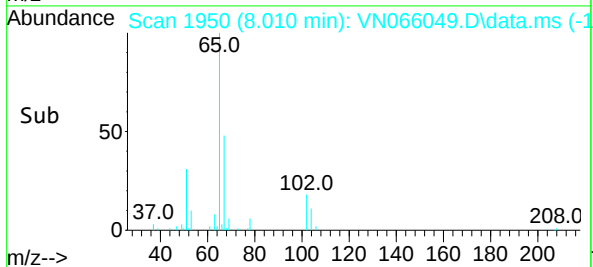
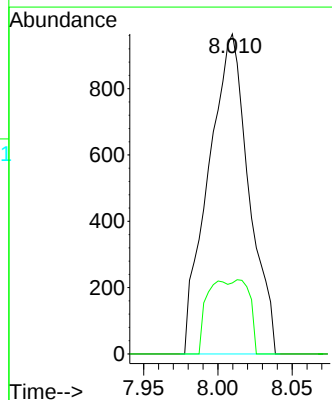
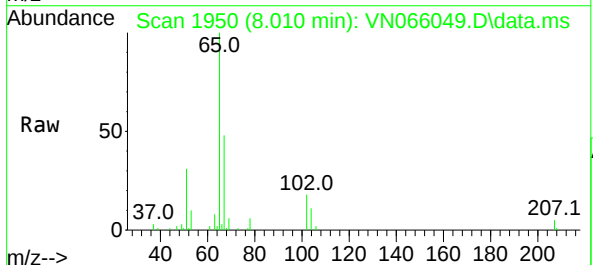
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

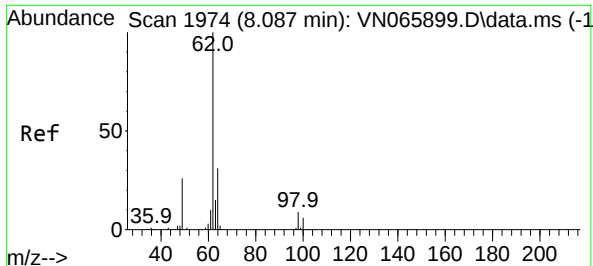
Tgt Ion:113 Resp: 58558
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 18.6 15.4 23.0



#40
Benzene
Concen: 0.31 ug/l
RT: 8.010 min Scan# 1950
Delta R.T. 0.010 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion: 78 Resp: 1830
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4





#42

1,2-Dichloroethane

Concen: 6.99 ug/l

RT: 8.090 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VN066049.D

Acq: 26 Feb 2021 14:25

Tgt Ion: 62 Resp: 13568

Ion Ratio Lower Upper

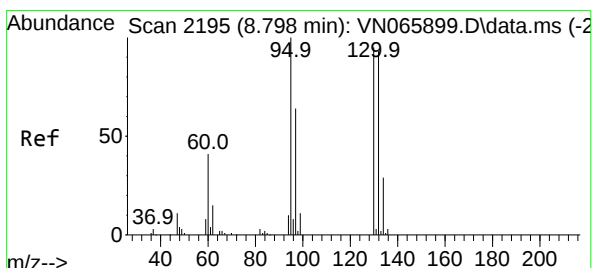
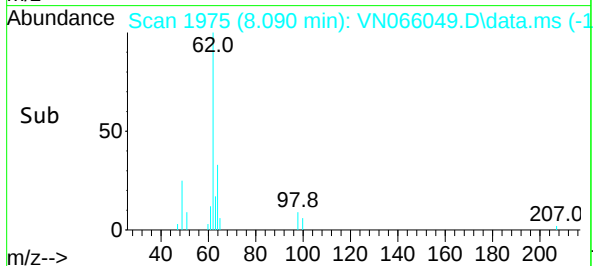
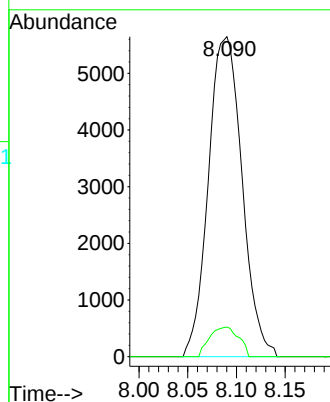
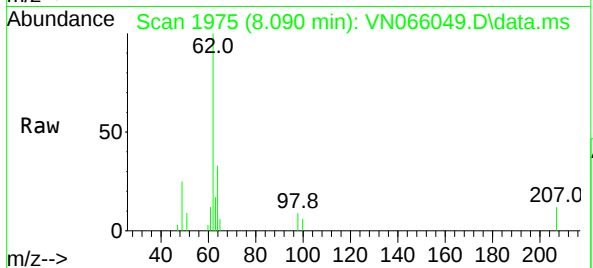
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.6

Instrument :

MSVOA_N

ClientSampleId :

GW805-20-25-022521



#44

Trichloroethene

Concen: 39.15 ug/l

RT: 8.804 min Scan# 2197

Delta R.T. 0.006 min

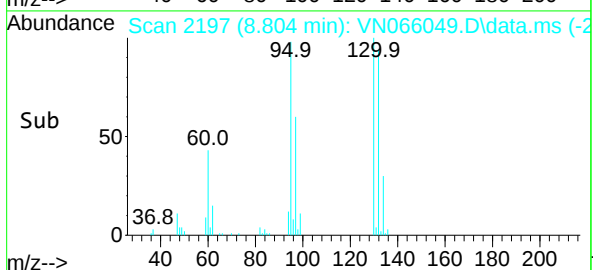
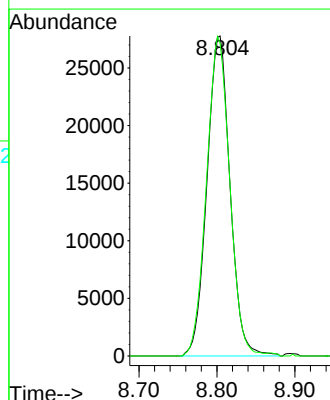
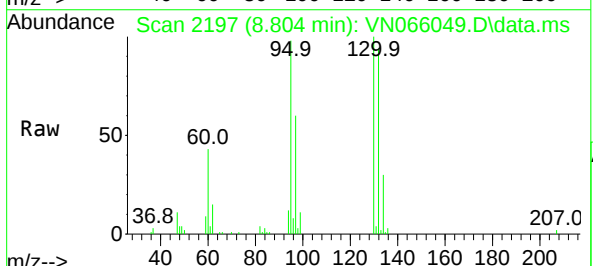
Lab File: VN066049.D

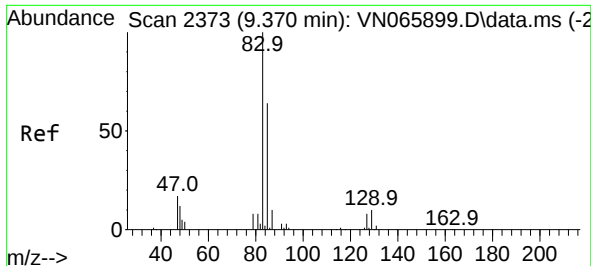
Acq: 26 Feb 2021 14:25

Tgt Ion:130 Resp: 57171

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	199.6

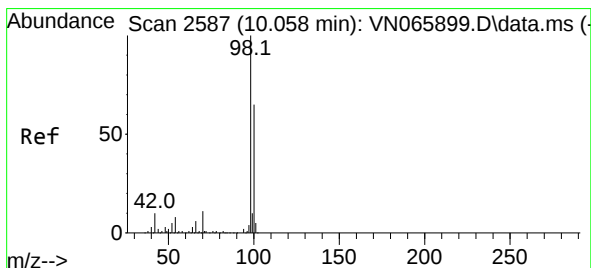
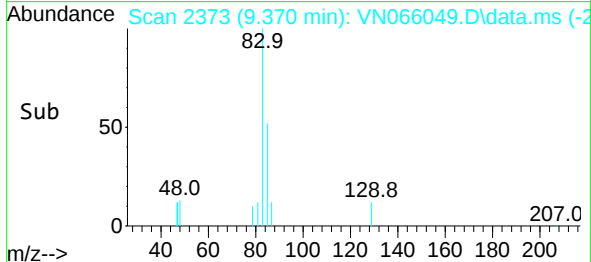
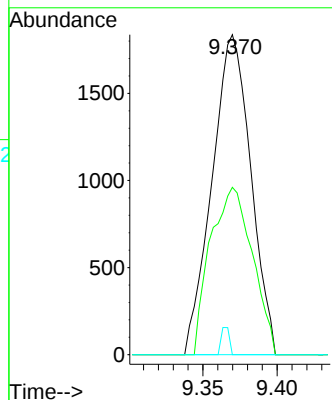
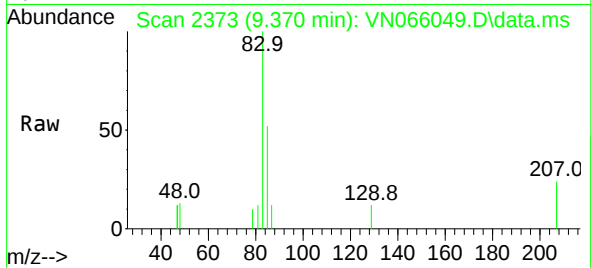




#47
Bromodichloromethane
Concen: 1.78 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

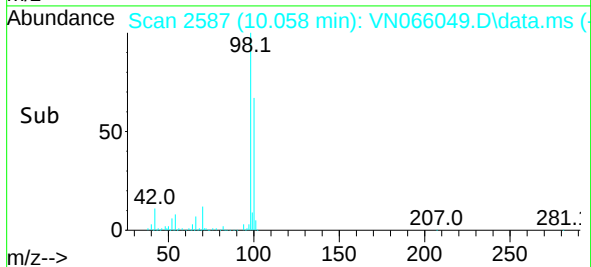
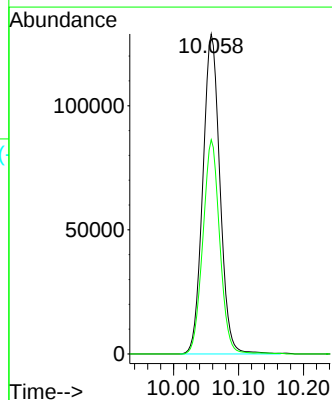
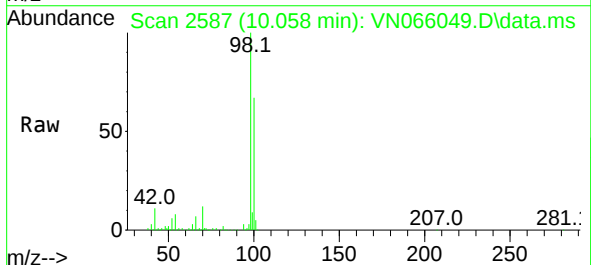
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

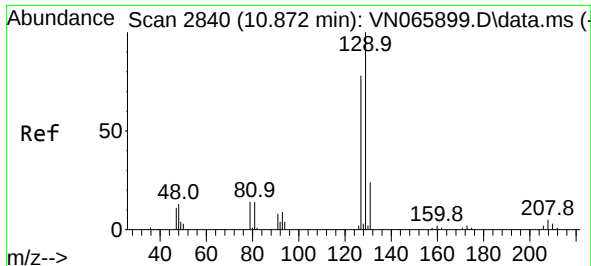
Tgt Ion:	83	Resp:	3332
Ion	Ratio	Lower	Upper
83	100		
85	52.3	51.0	76.4
127	0.0	7.0	10.6#



#50
Toluene-d8
Concen: 47.69 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion:	98	Resp:	236474
Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.5	75.7

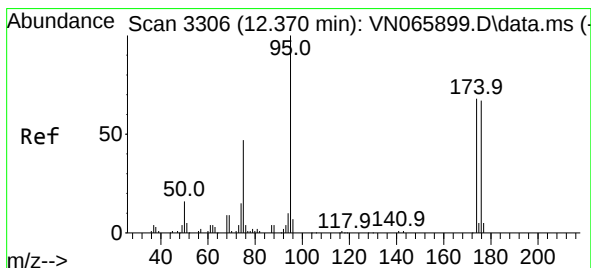
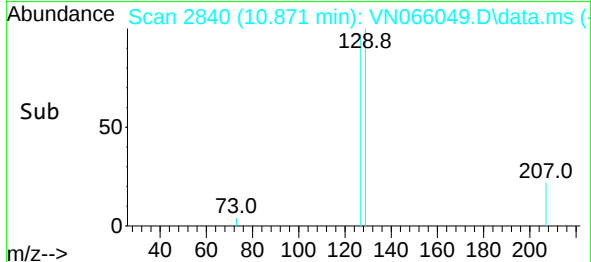
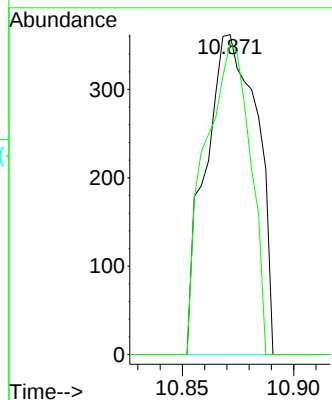
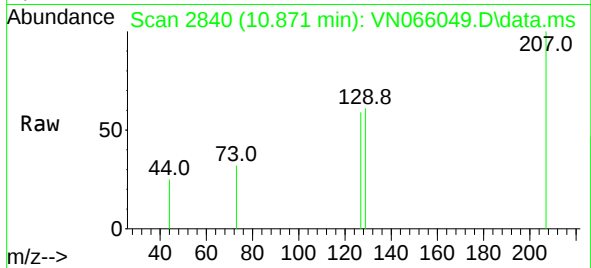




#60
Dibromochloromethane
Concen: 0.42 ug/l
RT: 10.871 min Scan# 2840
Delta R.T. -0.001 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

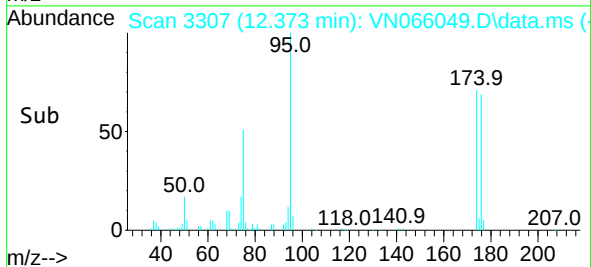
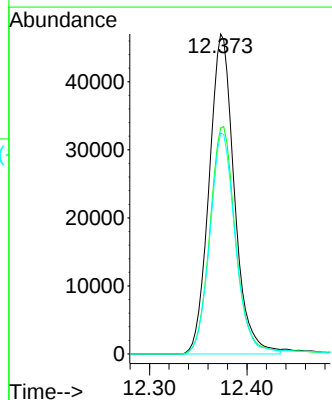
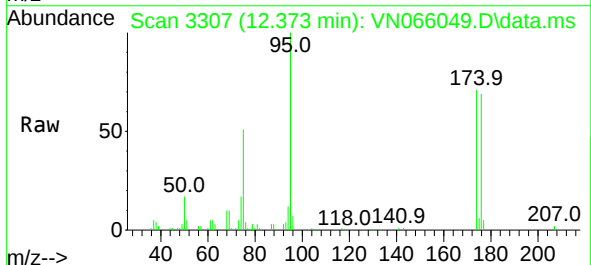
Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

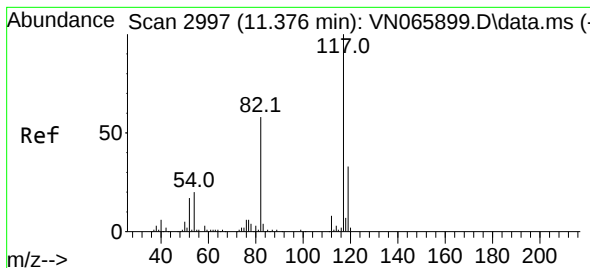
Tgt Ion:129 Resp: 582
Ion Ratio Lower Upper
129 100
127 85.7 38.5 115.5



#62
4-Bromofluorobenzene
Concen: 45.33 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion: 95 Resp: 84381
Ion Ratio Lower Upper
95 100
174 73.6 0.0 169.0
176 69.8 0.0 162.4

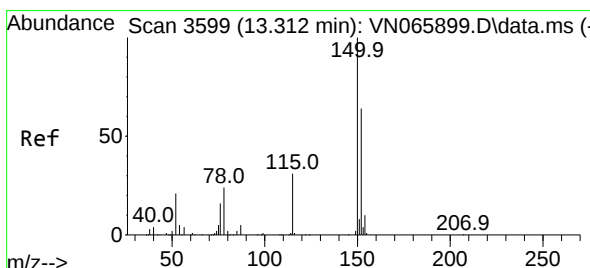
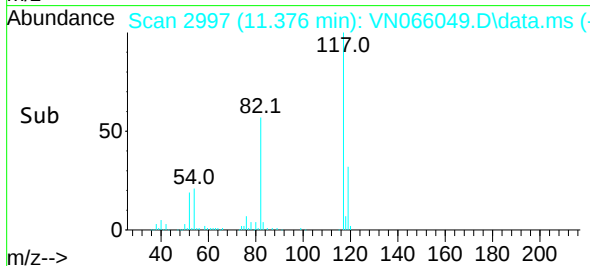
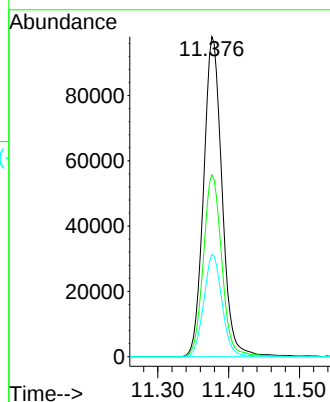
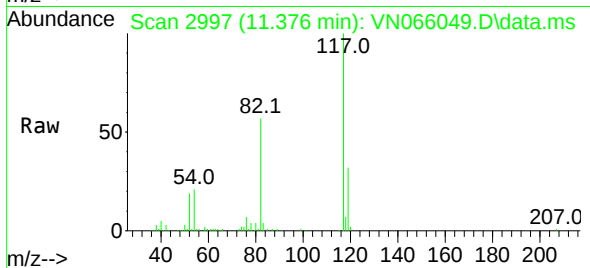




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066049.D
Acq: 26 Feb 2021 14:25

Instrument :
MSVOA_N
ClientSampleId :
GW805-20-25-022521

Tgt Ion:117 Resp: 176817
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.9 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: VN066049.D
Acq: 26 Feb 2021 14:25

Tgt Ion:152 Resp: 71605
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.6
150 157.5 0.0 347.6

