

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066078.D
 Acq On : 1 Mar 2021 15:31
 Operator : JC/MD
 Sample : M1519-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW806-31-36-022621

Quant Time: Mar 01 21:43:11 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	113974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	185602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	169256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	69473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	76661	48.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.20%
35) Dibromofluoromethane	7.550	113	57235	49.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.66%
50) Toluene-d8	10.058	98	226650	48.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.14%
62) 4-Bromofluorobenzene	12.373	95	82990	46.88	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.76%

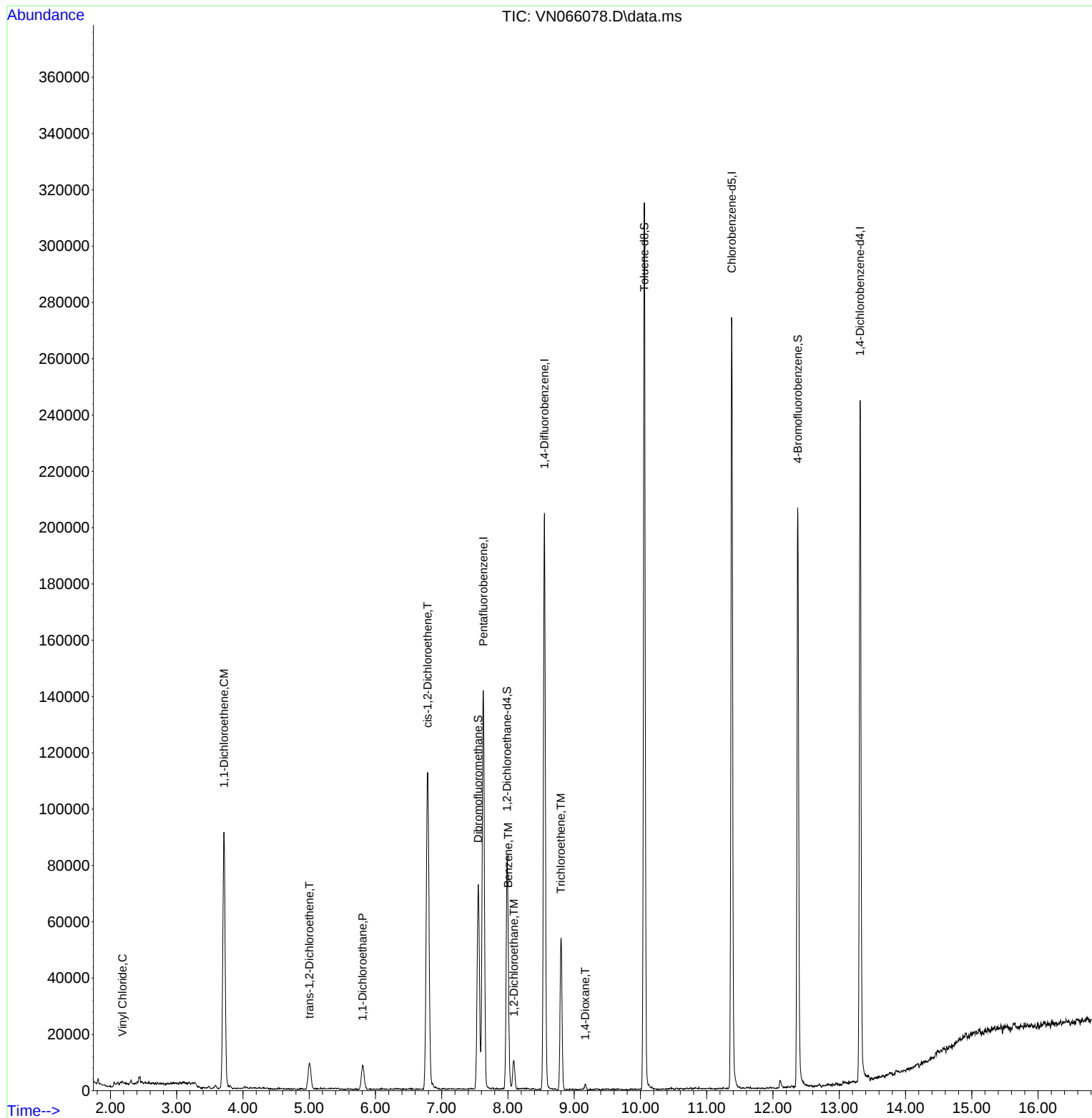
Target Compounds						Qvalue
4) Vinyl Chloride	2.184	62	716	0.39	ug/l #	89
12) 1,1-Dichloroethene	3.714	96	48290	37.73	ug/l	92
21) trans-1,2-Dichloroethene	5.004	96	6765	5.03	ug/l	95
24) 1,1-Dichloroethane	5.804	63	13765	5.45	ug/l	97
27) cis-1,2-Dichloroethene	6.788	96	79064	51.59	ug/l	94
40) Benzene	8.003	78	3849	0.69	ug/l	97
42) 1,2-Dichloroethane	8.090	62	10998	5.96	ug/l	92
44) Trichloroethene	8.801	130	19944	14.36	ug/l	97
49) 1,4-Dioxane	9.164	88	1324	58.23	ug/l #	80

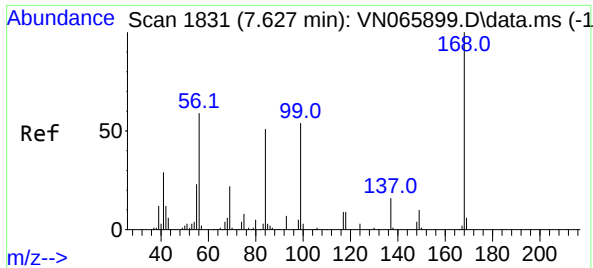
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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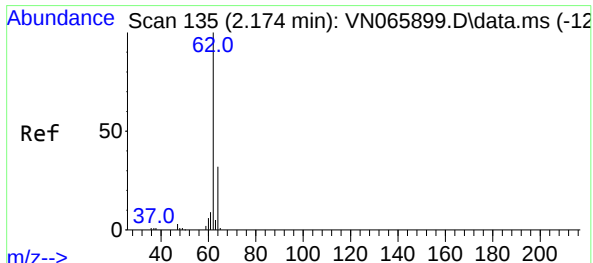
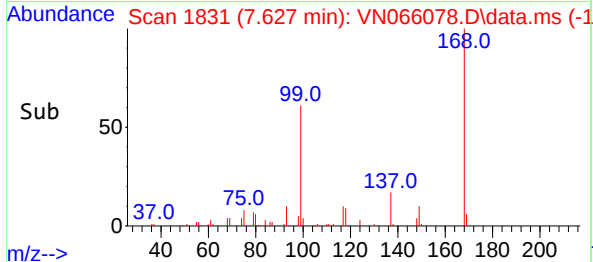
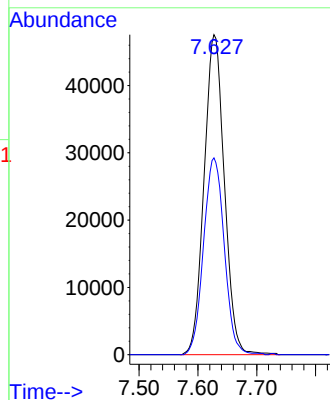
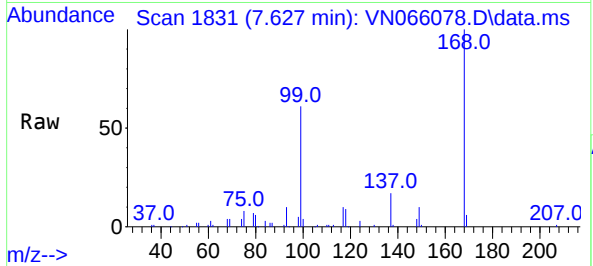




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

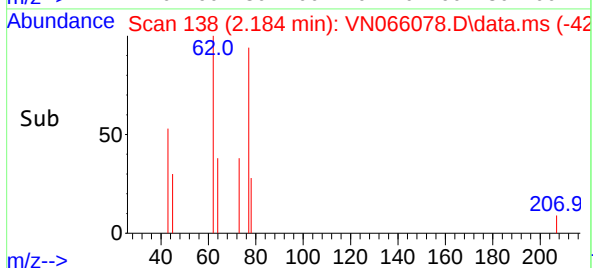
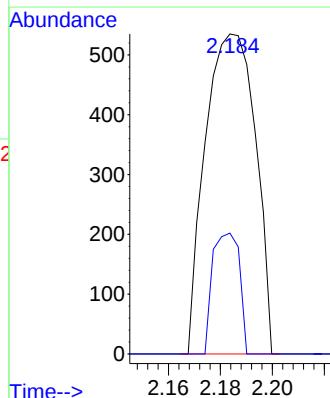
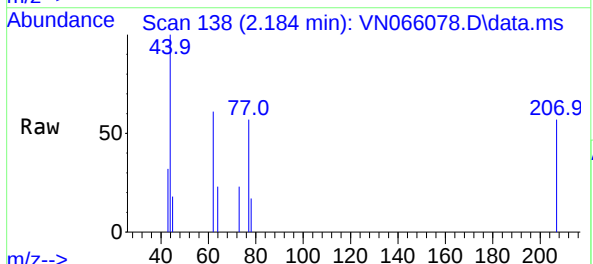
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621

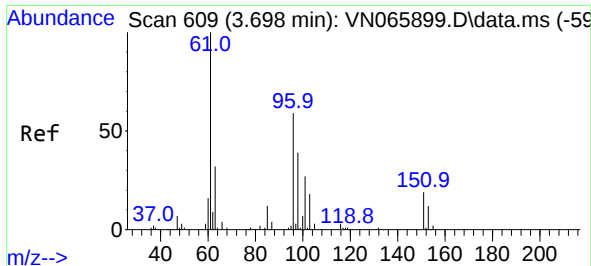
Tgt Ion:168 Resp: 113974
Ion Ratio Lower Upper
168 100
99 61.5 42.6 63.8



#4
Vinyl Chloride
Concen: 0.39 ug/l
RT: 2.184 min Scan# 138
Delta R.T. 0.010 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion: 62 Resp: 716
Ion Ratio Lower Upper
62 100
64 37.8 25.1 37.7#

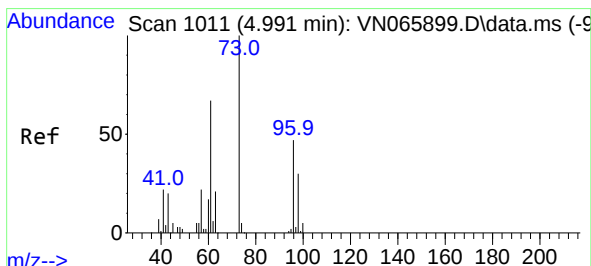
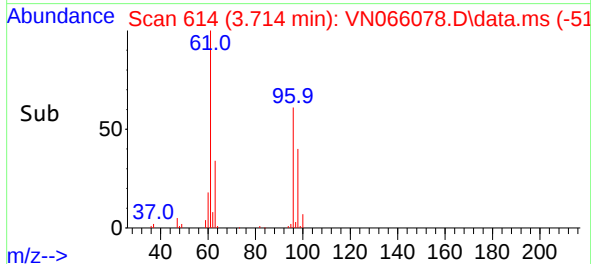
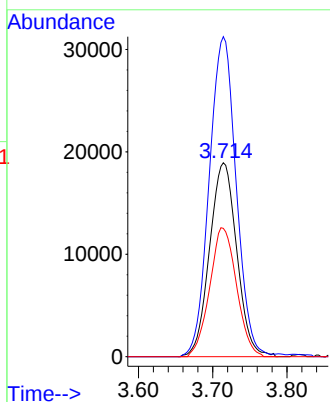
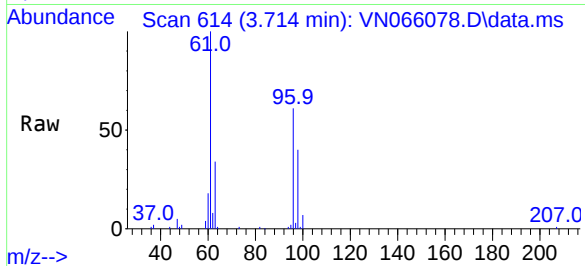




#12
1,1-Dichloroethene
Concen: 37.73 ug/l
RT: 3.714 min Scan# 614
Delta R.T. 0.016 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

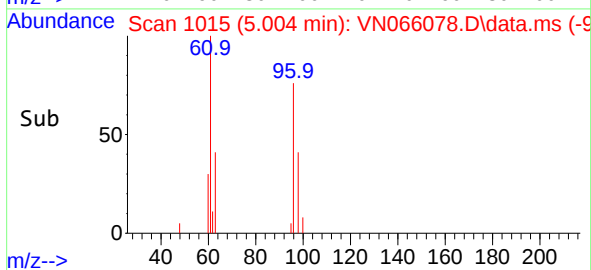
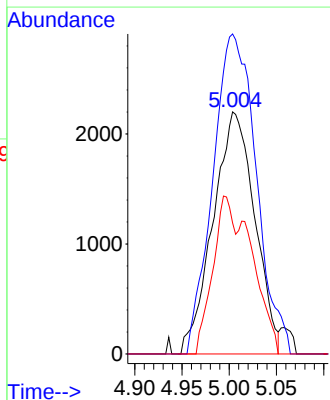
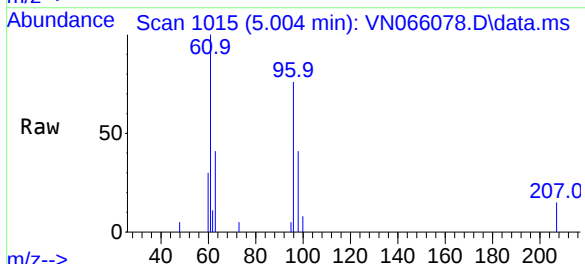
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621

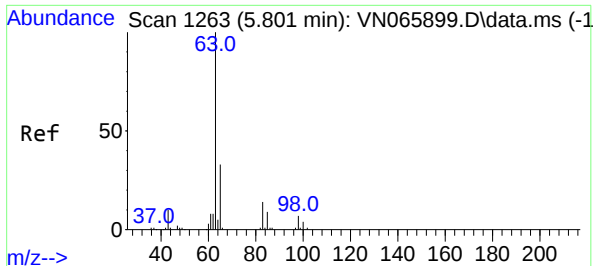
Tgt Ion: 96 Resp: 48290
Ion Ratio Lower Upper
96 100
61 165.0 122.5 183.7
98 66.2 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: 5.03 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. 0.013 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion: 96 Resp: 6765
Ion Ratio Lower Upper
96 100
61 132.2 104.9 157.3
98 54.2 51.8 77.8



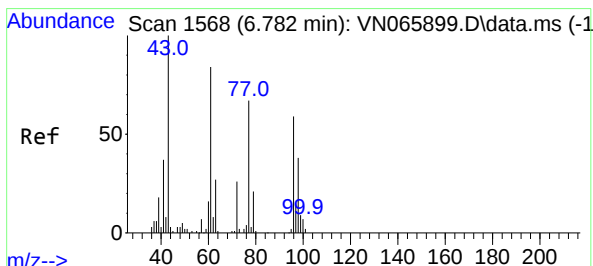
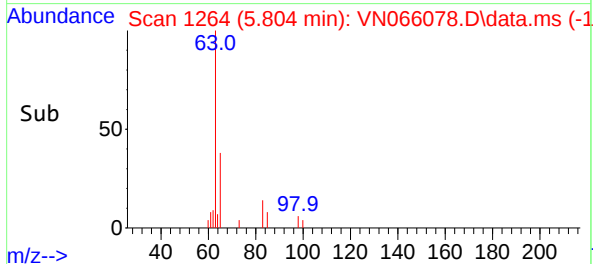
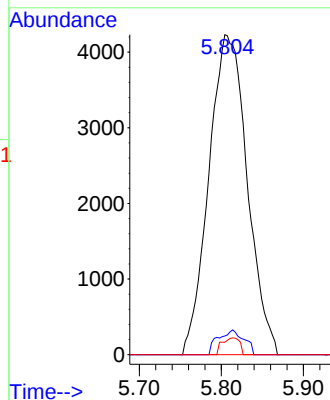
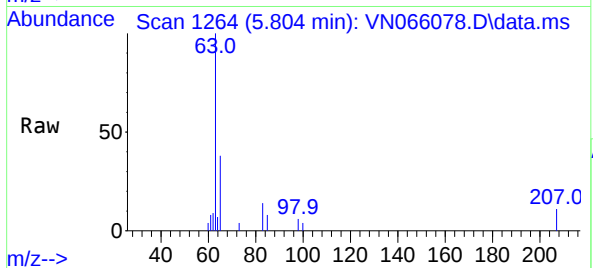


#24

1,1-Dichloroethane
Concen: 5.45 ug/l
RT: 5.804 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621

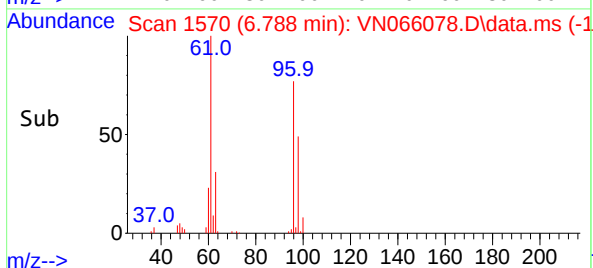
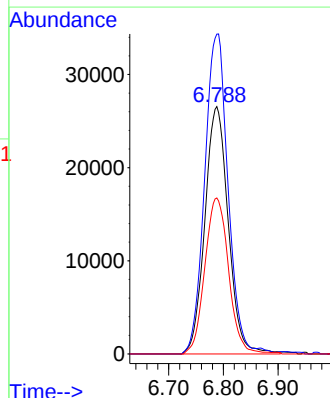
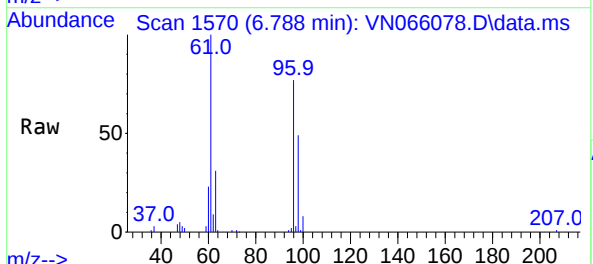
Tgt Ion:	63	Resp:	13765
Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.5	10.4
100	3.9	2.3	6.9

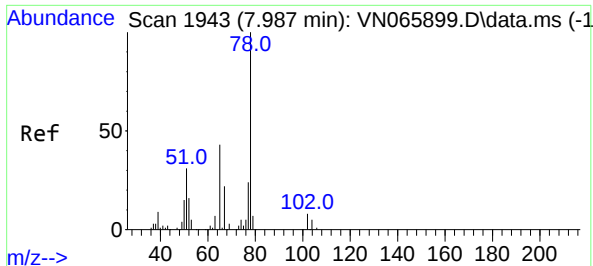


#27

cis-1,2-Dichloroethene
Concen: 51.59 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion:	96	Resp:	79064
Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	276.8
98	63.7	0.0	129.4

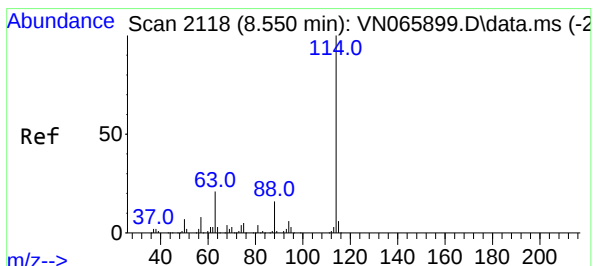
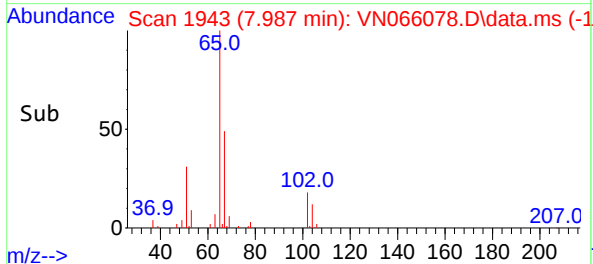
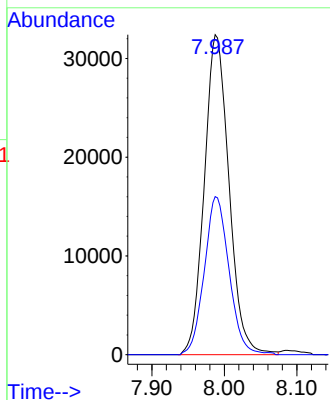
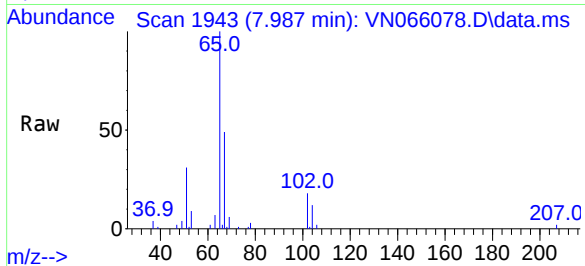




#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

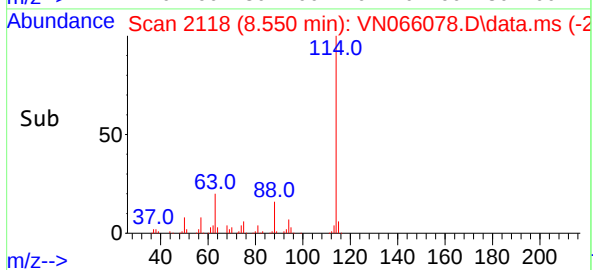
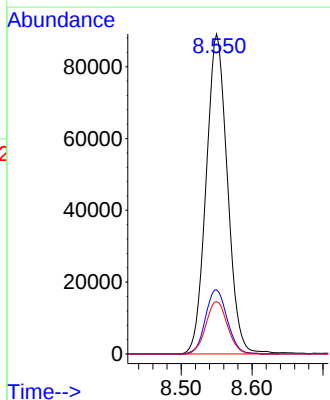
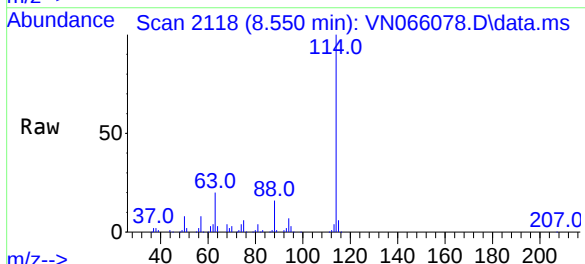
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621

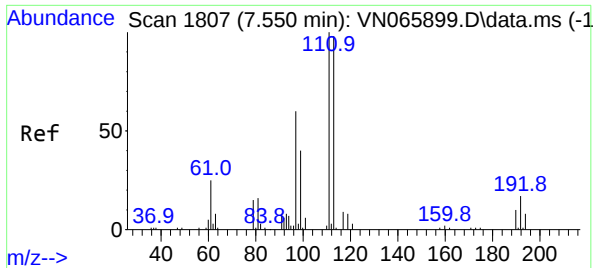
Tgt Ion: 65 Resp: 76661
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion: 114 Resp: 185602
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 16.4 0.0 30.6

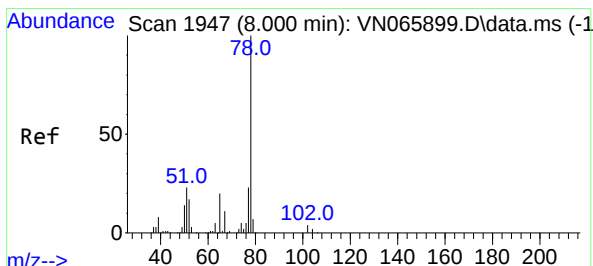
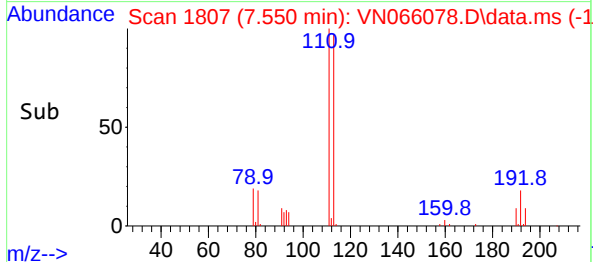
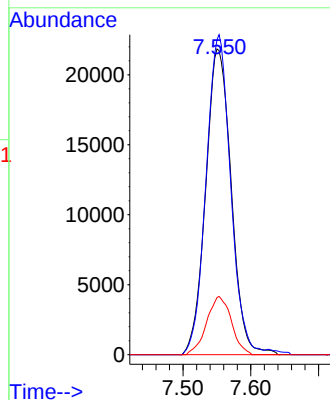
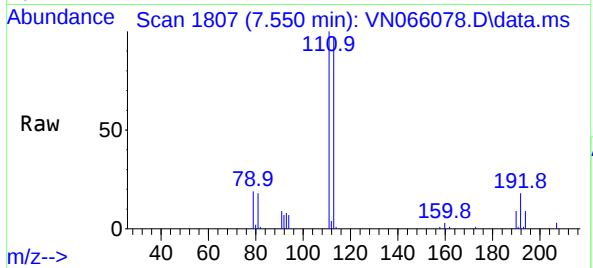




#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

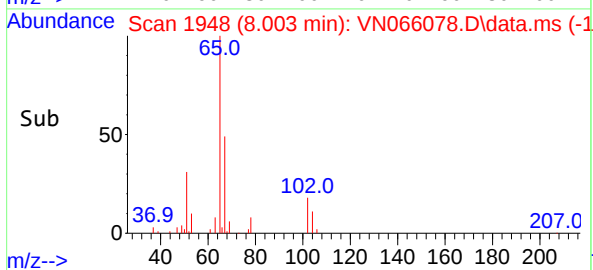
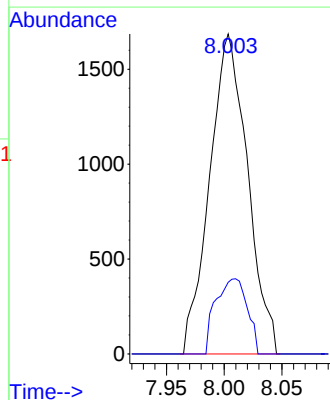
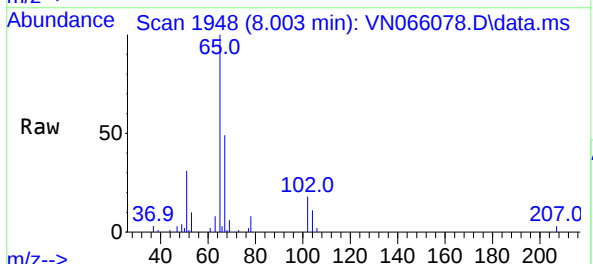
Instrument :
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ClientSampleId :
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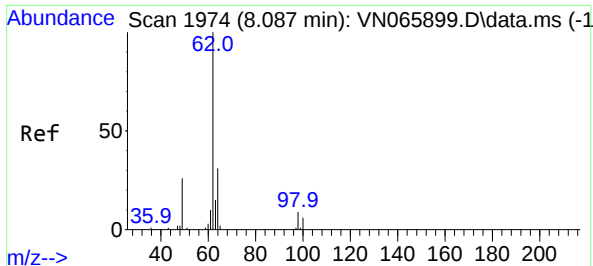
Tgt Ion:	113	Resp:	57235
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.2	123.2
192	18.4	15.4	23.0



#40
Benzene
Concen: 0.69 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion:	78	Resp:	3849
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4





#42

1,2-Dichloroethane

Concen: 5.96 ug/l

RT: 8.090 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VN066078.D

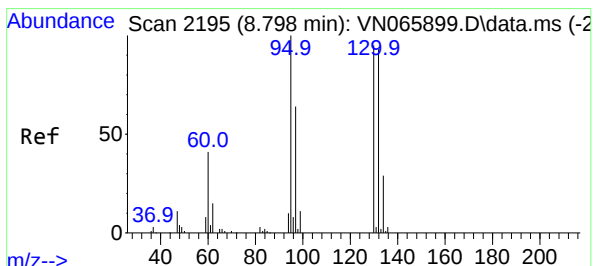
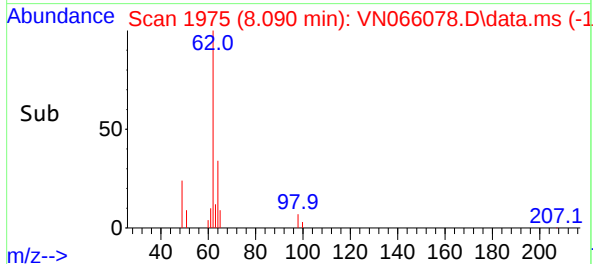
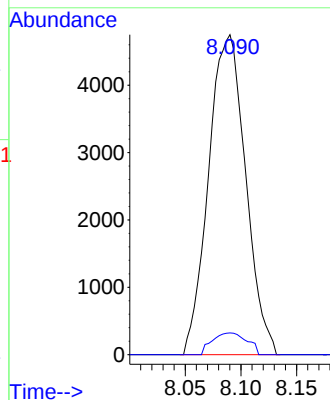
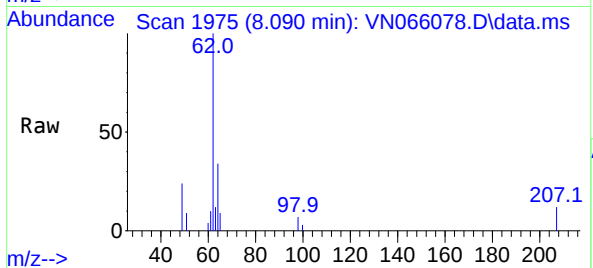
Acq: 1 Mar 2021 15:31

Tgt Ion: 62 Resp: 10998

Ion Ratio Lower Upper

62 100

98 6.4 0.0 18.6



#44

Trichloroethene

Concen: 14.36 ug/l

RT: 8.801 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VN066078.D

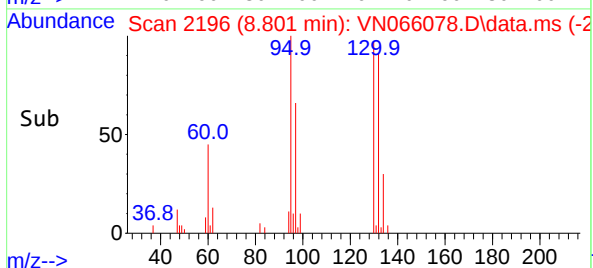
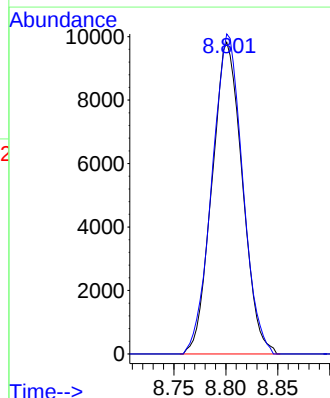
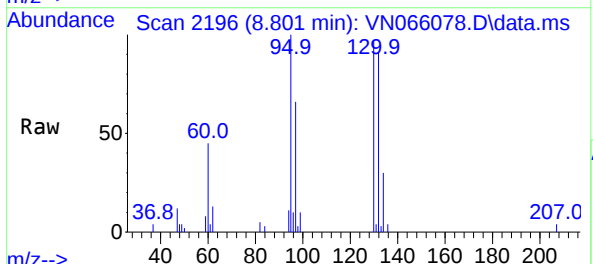
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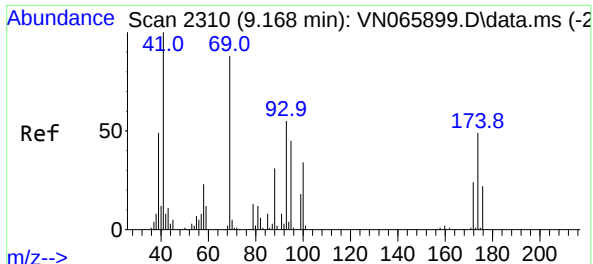
Tgt Ion:130 Resp: 19944

Ion Ratio Lower Upper

130 100

95 102.7 0.0 199.6

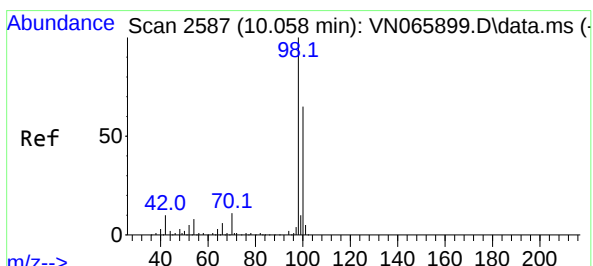
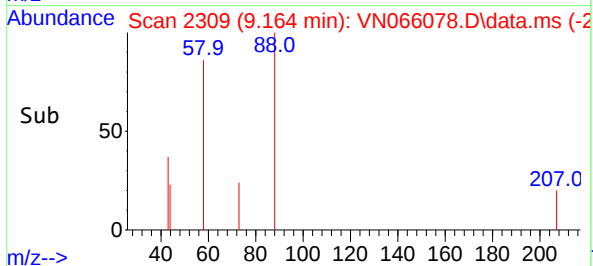
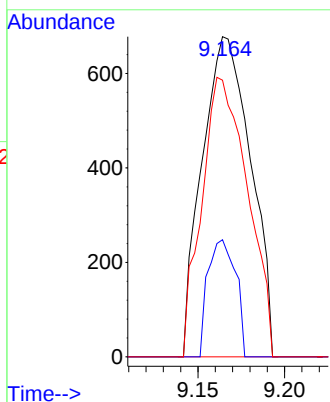
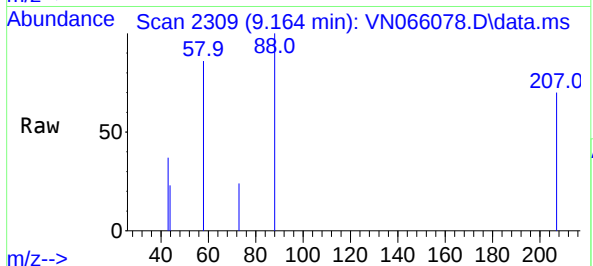




#49
1,4-Dioxane
Concen: 58.23 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.004 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

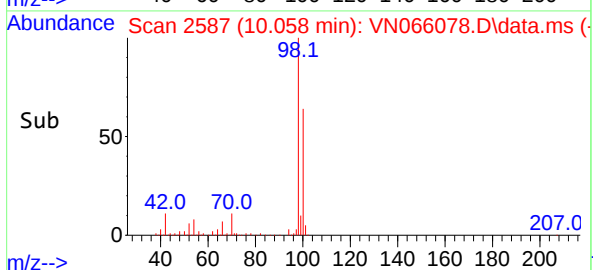
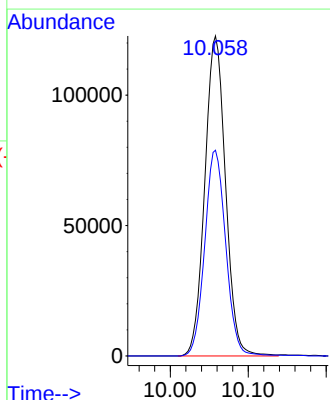
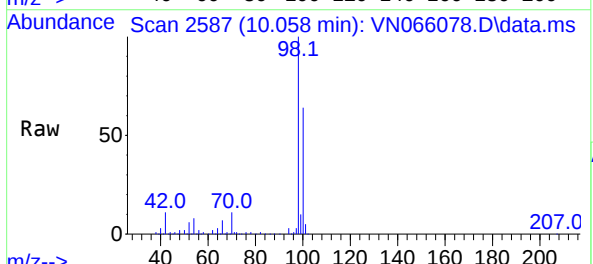
Instrument :
MSVOA_N
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GW806-31-36-022621

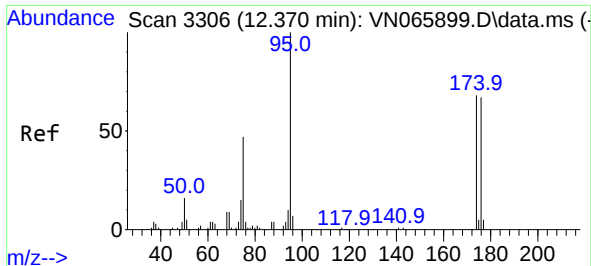
Tgt Ion: 88 Resp: 1324
Ion Ratio Lower Upper
88 100
43 20.8 24.7 37.1#
58 82.1 52.6 78.8#



#50
Toluene-d8
Concen: 48.07 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion: 98 Resp: 226650
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7

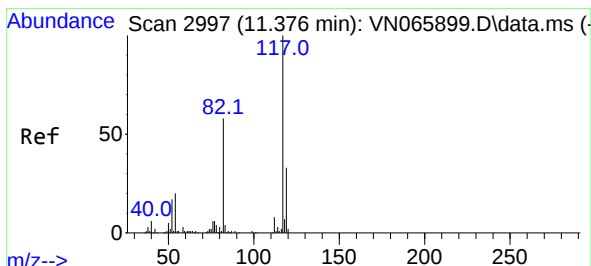
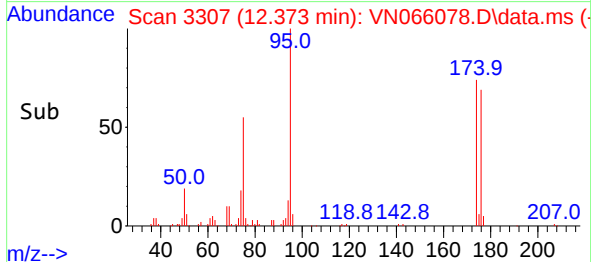
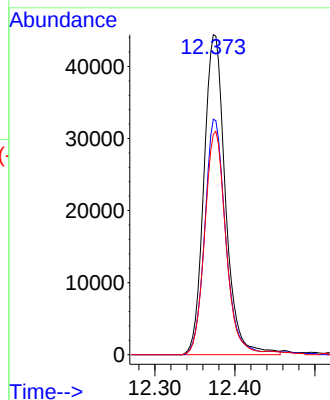
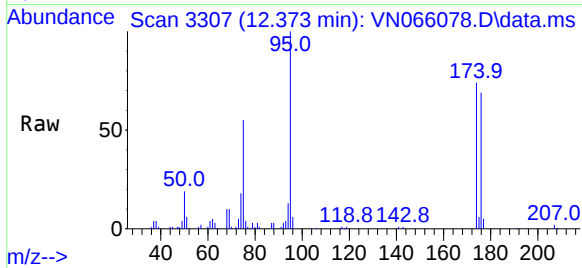




#62
4-Bromofluorobenzene
Concen: 46.88 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

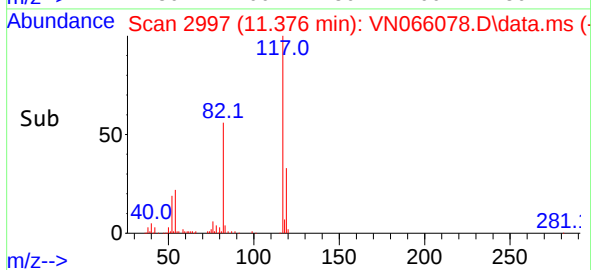
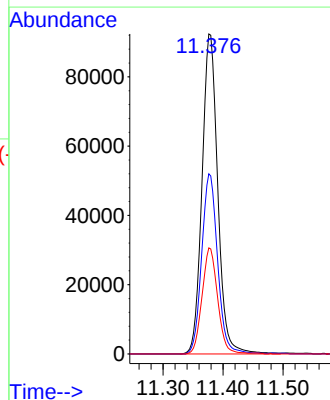
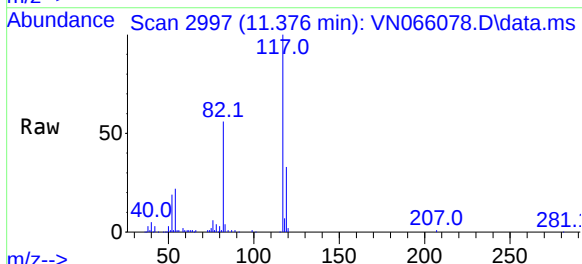
Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621

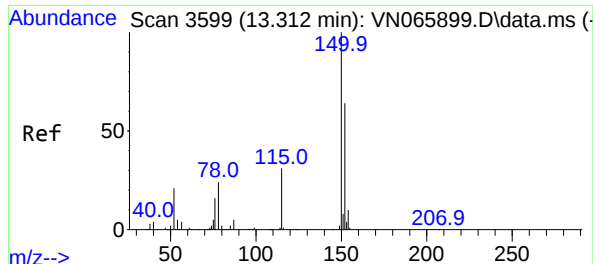
Tgt Ion: 95 Resp: 82990
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 68.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066078.D
Acq: 1 Mar 2021 15:31

Tgt Ion: 117 Resp: 169256
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 33.1 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: VN066078.D
Acq: 1 Mar 2021 15:31

Instrument :
MSVOA_N
ClientSampleId :
GW806-31-36-022621

Tgt Ion:152 Resp: 69473
Ion Ratio Lower Upper
152 100
115 64.6 28.5 85.6
150 162.2 0.0 347.6

