

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012021\
 Data File : VN065564.D
 Acq On : 20 Jan 2021 12:33
 Operator : JC/MD
 Sample : M1175-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Quant Time: Jan 21 01:22:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

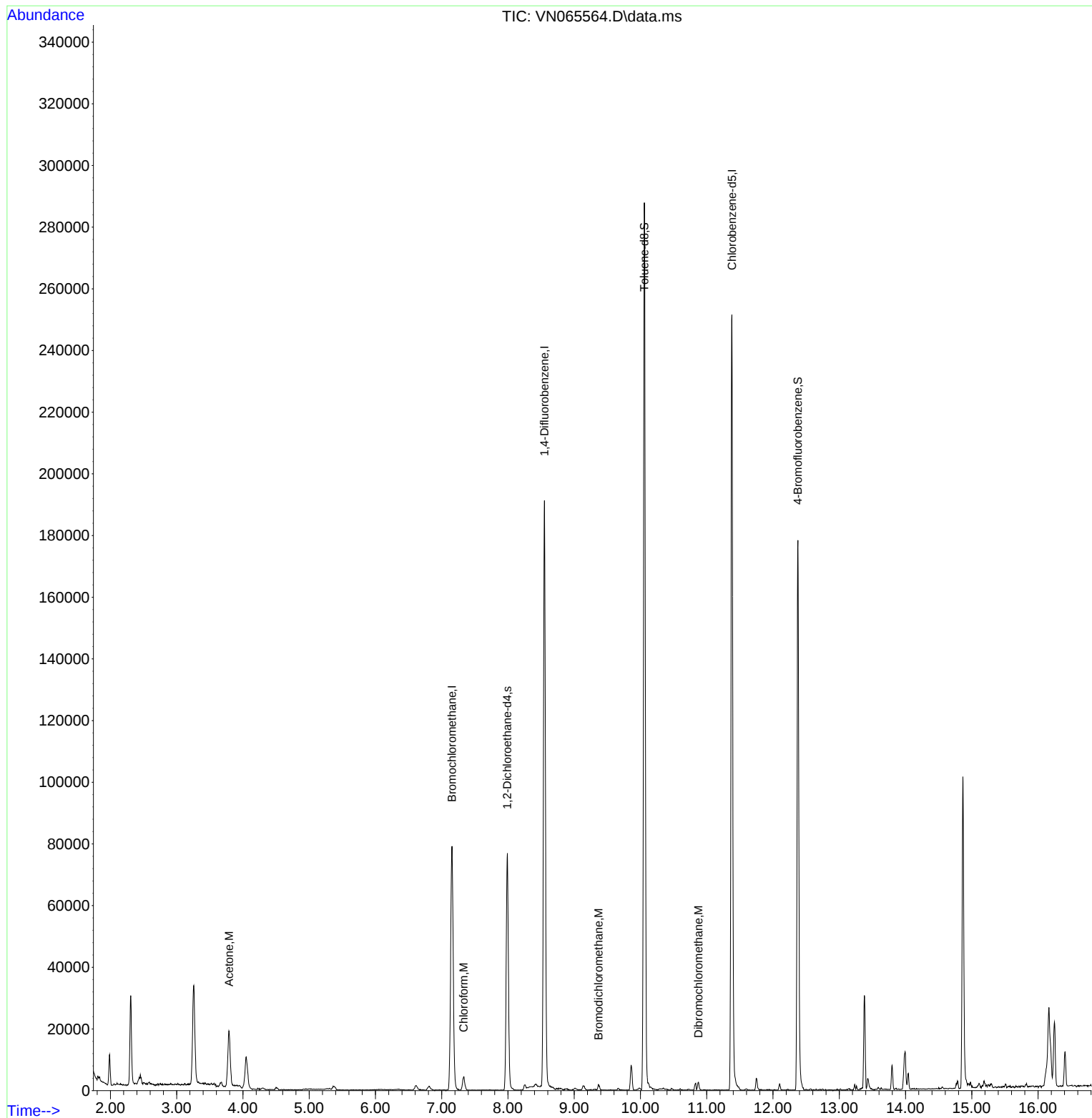
Internal Standards						
1) Bromochloromethane	7.155	128	36275	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	187010	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	167661	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.990	65	65929	29.09	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.97%
60) 4-Bromofluorobenzene	12.373	95	64363	25.35	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.50%
63) Toluene-d8	10.058	98	216786	29.54	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.47%
Target Compounds						
						Qvalue
15) Acetone	3.788	58	10756	39.63	ug/l	97
25) Chloroform	7.331	83	5267	1.44	ug/l	99
41) Bromodichloromethane	9.367	83	1581	0.57	ug/l #	82
53) Dibromochloromethane	10.875	129	2031	0.88	ug/l	95

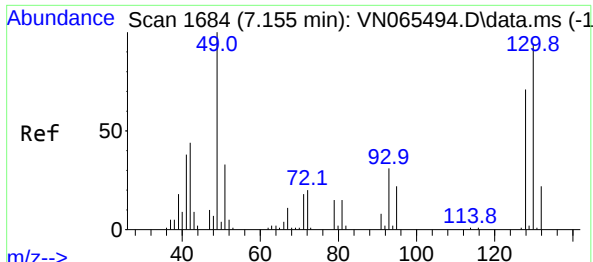
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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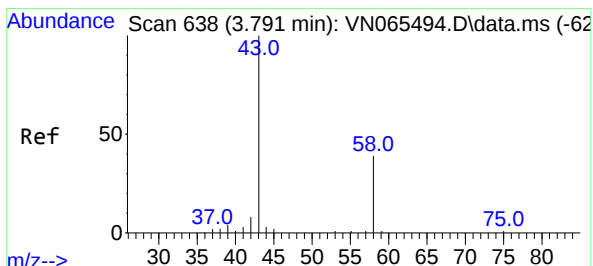
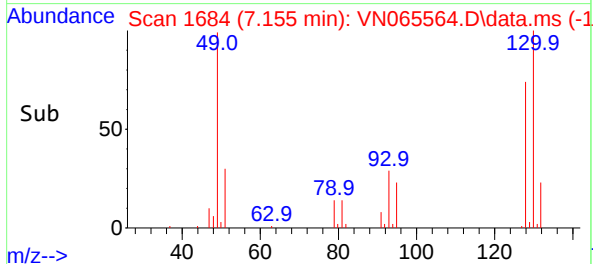
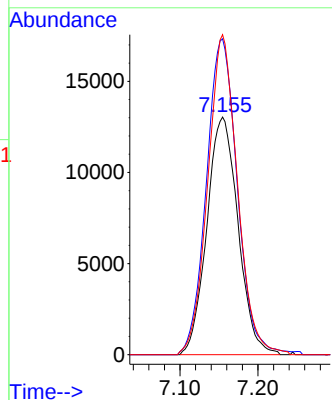
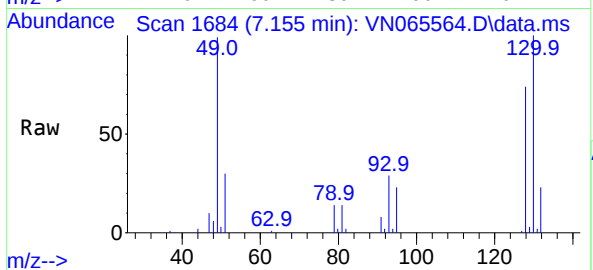




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.155 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

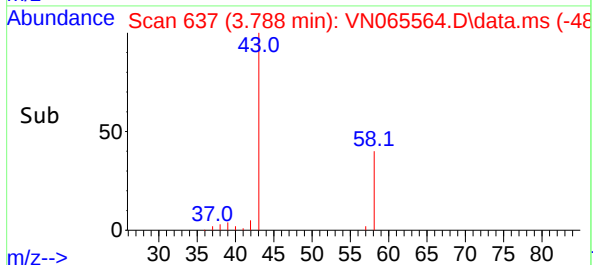
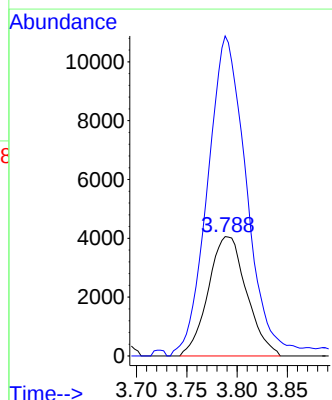
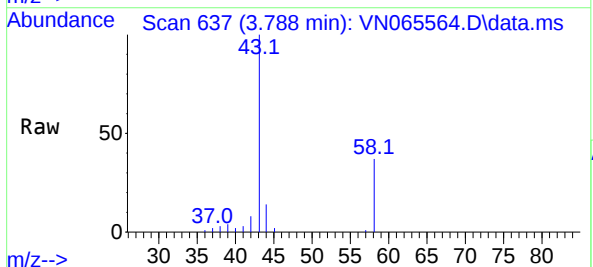
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

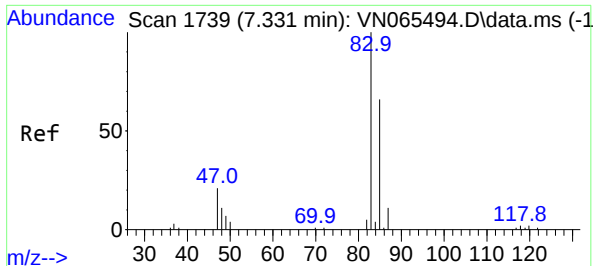
Tgt Ion:128 Resp: 36275
Ion Ratio Lower Upper
128 100
49 131.9 0.0 355.0
130 128.2 0.0 325.5



#15
Acetone
Concen: 39.63 ug/l
RT: 3.788 min Scan# 637
Delta R.T. -0.003 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Tgt Ion: 58 Resp: 10756
Ion Ratio Lower Upper
58 100
43 259.6 203.4 305.0



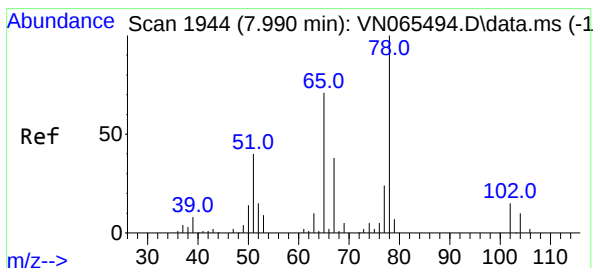
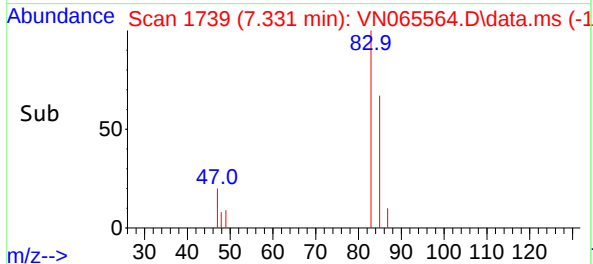
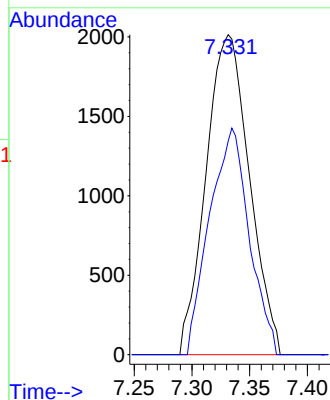
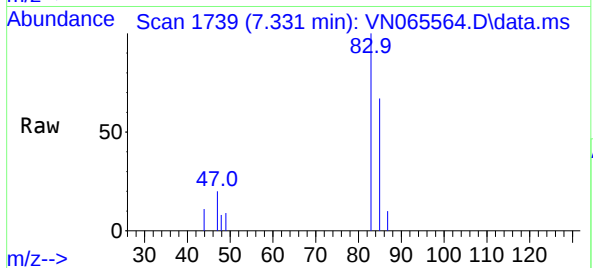


#25

Chloroform
Concen: 1.44 ug/l
RT: 7.331 min Scan# 1739
Delta R.T. 0.000 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

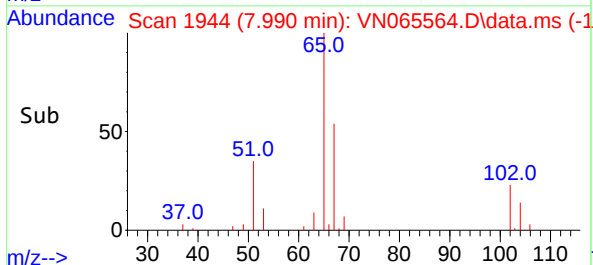
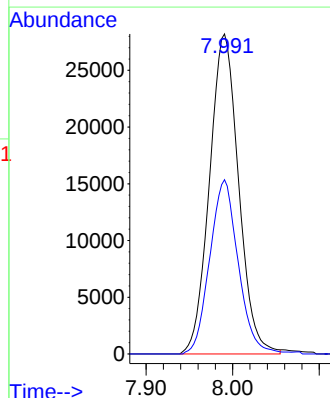
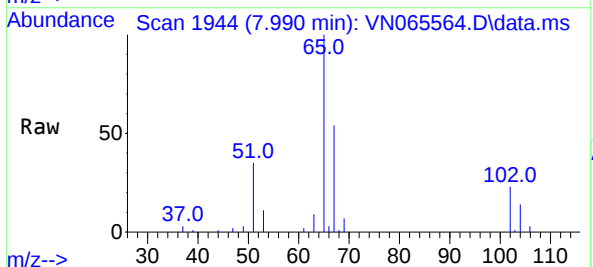
Tgt Ion: 83 Resp: 5267
Ion Ratio Lower Upper
83 100
85 66.8 53.0 79.4

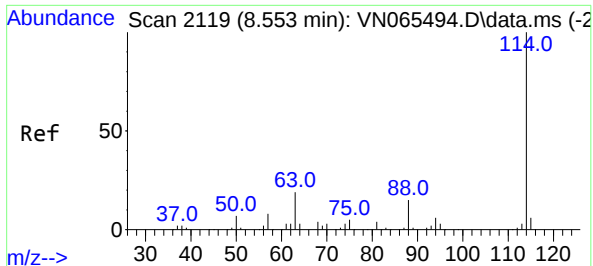


#27

1,2-Dichloroethane-d4
Concen: 29.09 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Tgt Ion: 65 Resp: 65929
Ion Ratio Lower Upper
65 100
67 53.2 42.8 64.2



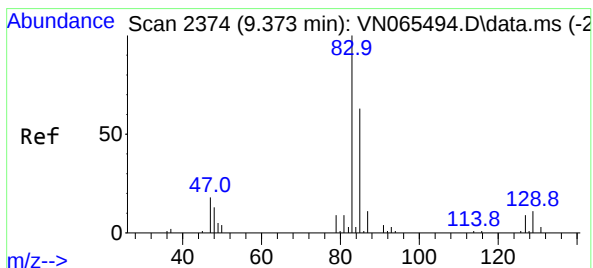
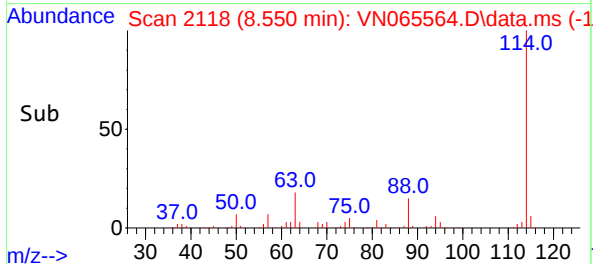
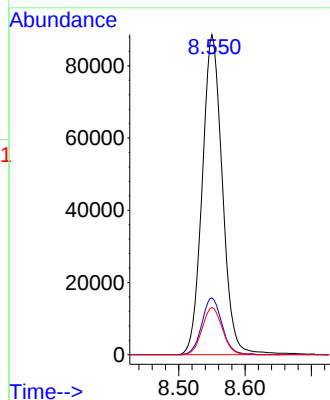
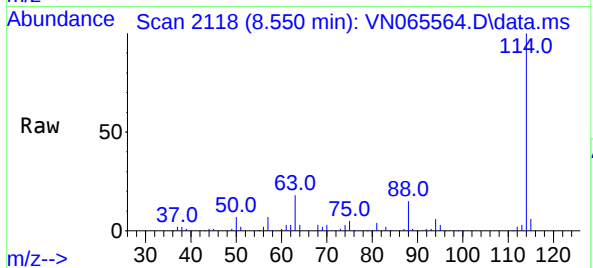


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

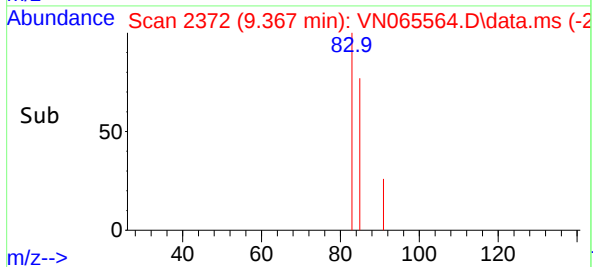
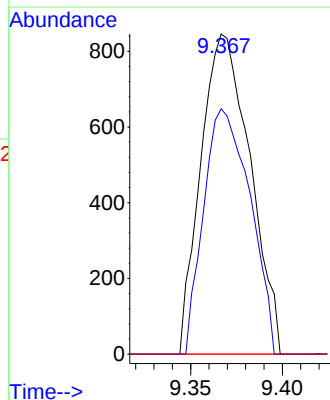
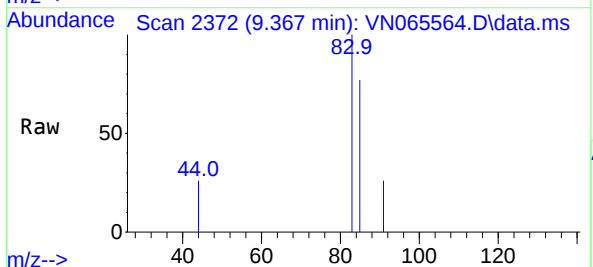
Tgt Ion:114 Resp: 187010
Ion Ratio Lower Upper
114 100
63 17.7 14.7 22.1
88 14.8 11.7 17.5

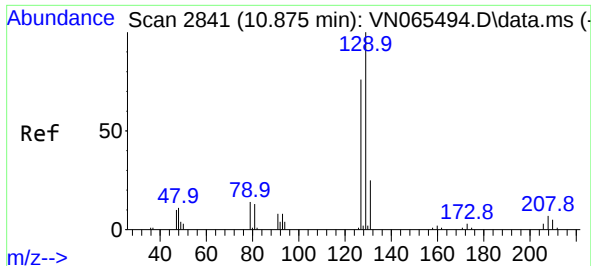


#41

Bromodichloromethane
Concen: 0.57 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. -0.006 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Tgt Ion: 83 Resp: 1581
Ion Ratio Lower Upper
83 100
85 76.6 50.7 76.1#
127 0.0 7.5 11.3#

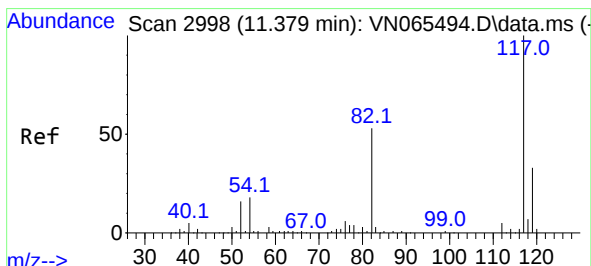
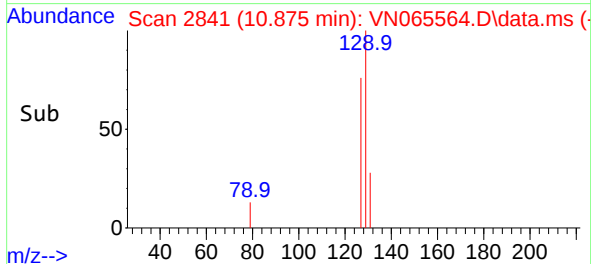
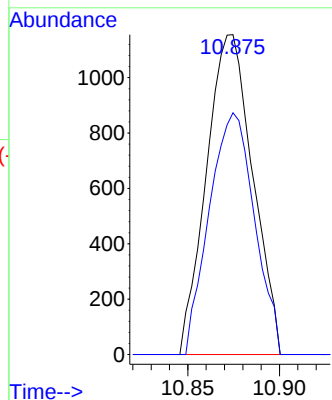
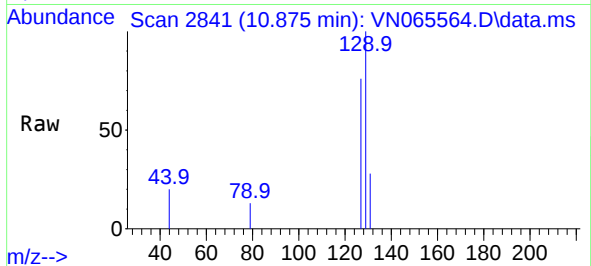




#53
Dibromochloromethane
Concen: 0.88 ug/l
RT: 10.875 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

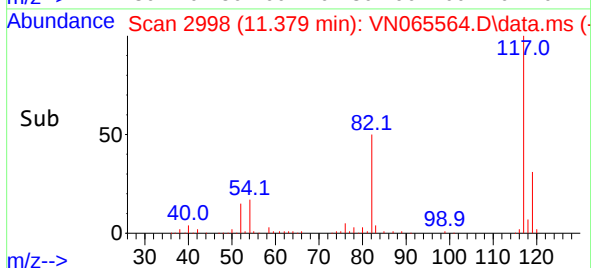
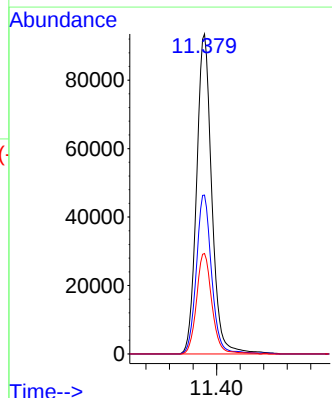
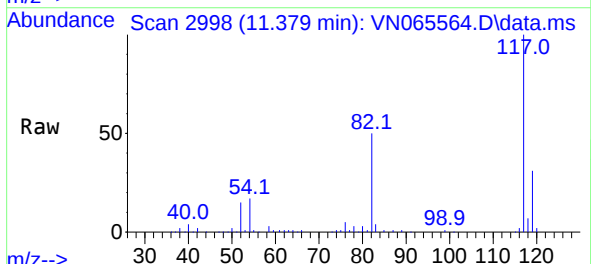
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

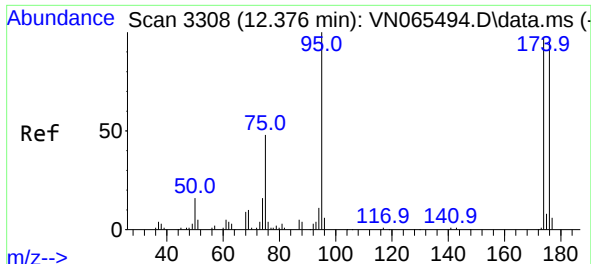
Tgt Ion:129 Resp: 2031
Ion Ratio Lower Upper
129 100
127 73.8 38.9 116.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Tgt Ion:117 Resp: 167661
Ion Ratio Lower Upper
117 100
82 49.2 41.3 61.9
119 31.5 25.7 38.5

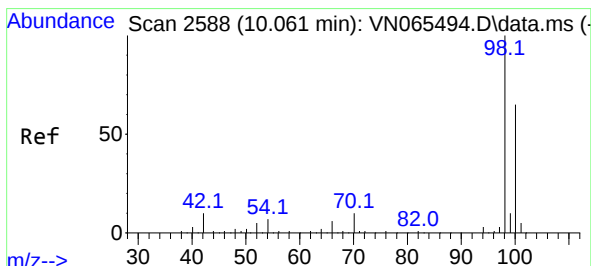
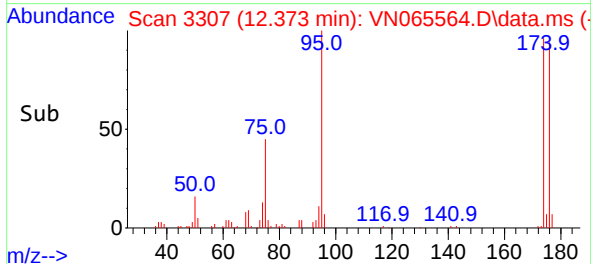
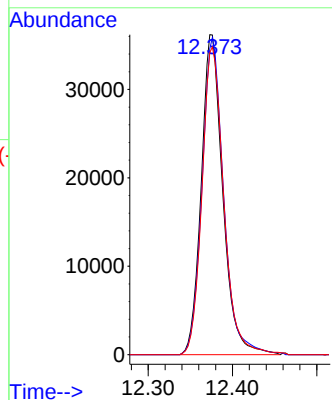
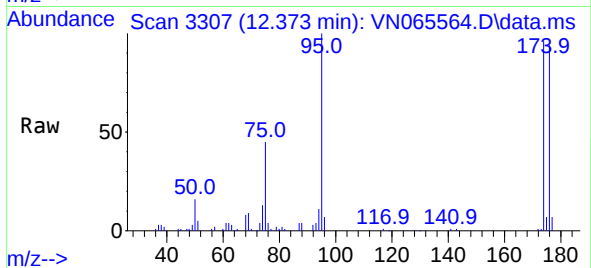




#60
4-Bromofluorobenzene
Concen: 25.35 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.003 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Instrument :
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Tgt Ion: 95 Resp: 64363
Ion Ratio Lower Upper
95 100
174 99.2 77.0 115.6
176 97.1 75.8 113.6



#63
Toluene-d8
Concen: 29.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065564.D
Acq: 20 Jan 2021 12:33

Tgt Ion: 98 Resp: 216786
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

