

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063043.D
 Acq On : 20 Aug 2020 18:01
 Operator : JC/MD
 Sample : L3723-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Quant Time: Aug 21 06:33:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	30244	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	144566	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	134652	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	66720	31.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.80%
60) 4-Bromofluorobenzene	12.38	95	50759	23.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.53%
63) Toluene-d8	10.06	98	179005	28.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.57%

Target Compounds

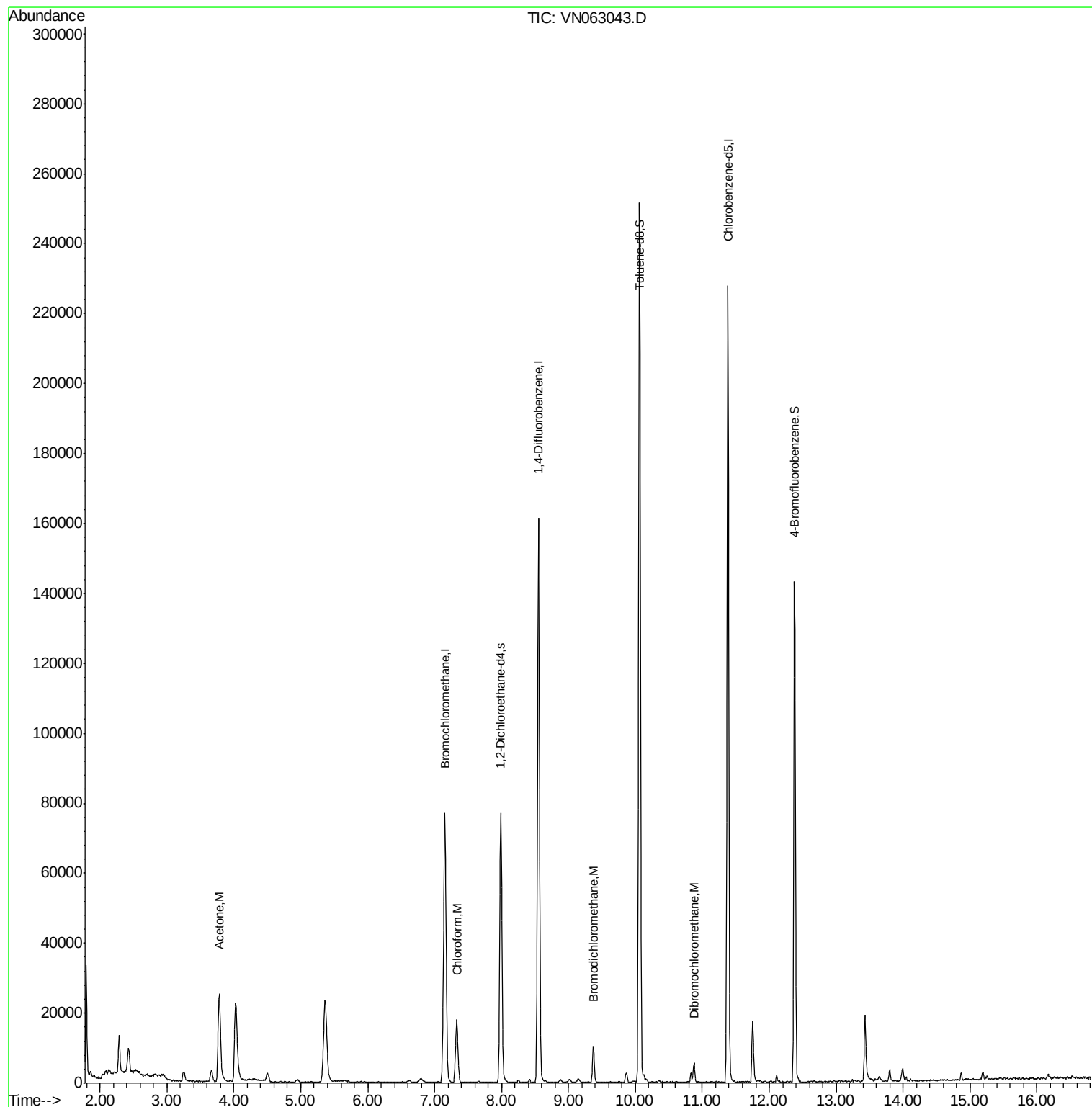
					Ovalue
15) Acetone	3.78	58	13989	58.678	ug/l 98
25) Chloroform	7.33	83	19592	5.910	ug/l 97
41) Bromodichloromethane	9.37	83	7954	3.157	ug/l 94
53) Dibromochloromethane	10.88	129	3578	1.860	ug/l 97

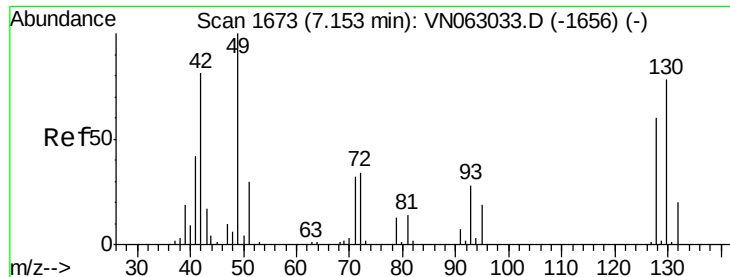
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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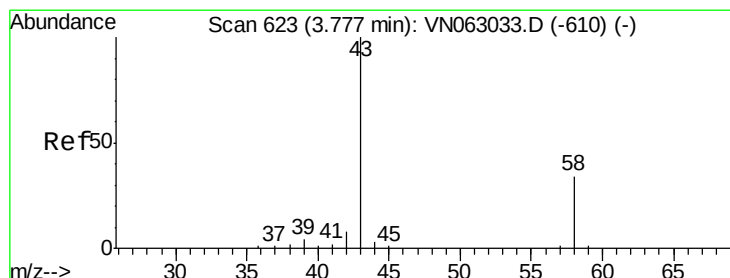
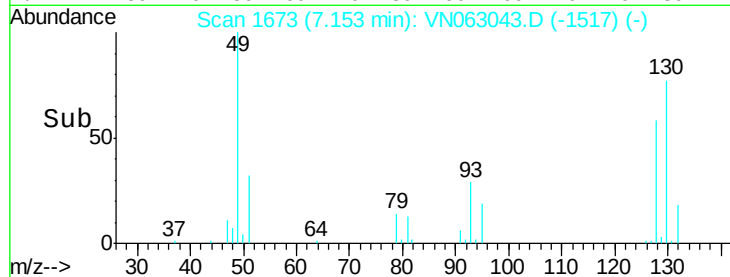
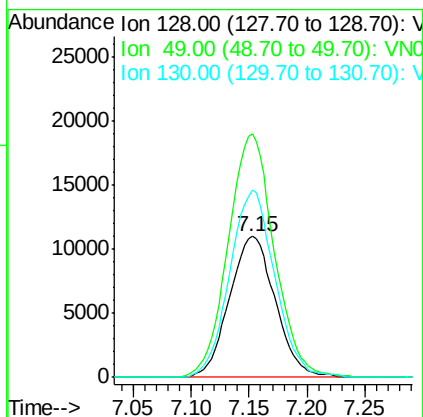
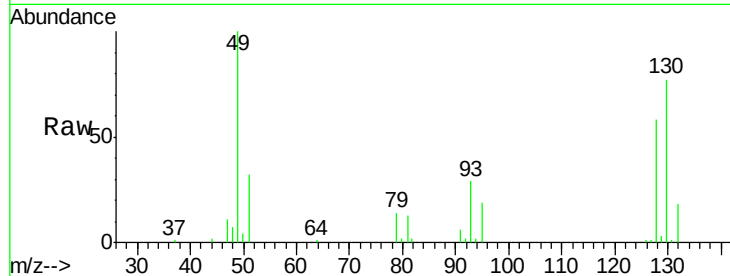




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN063043.D
 Acq: 20 Aug 2020 18:01

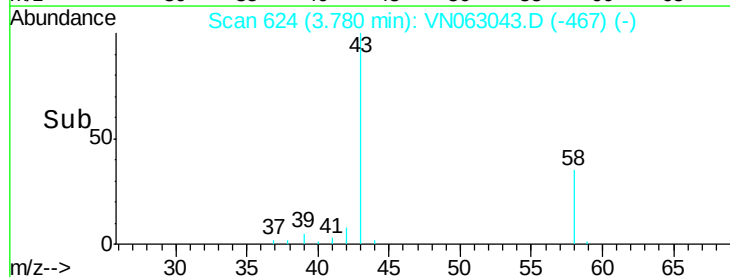
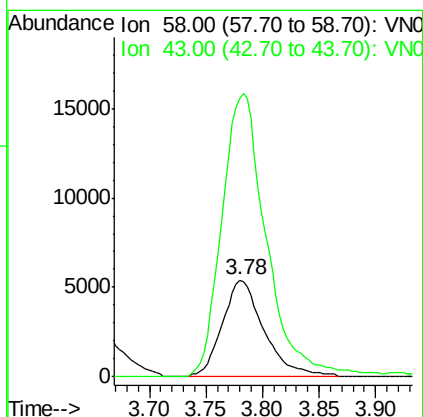
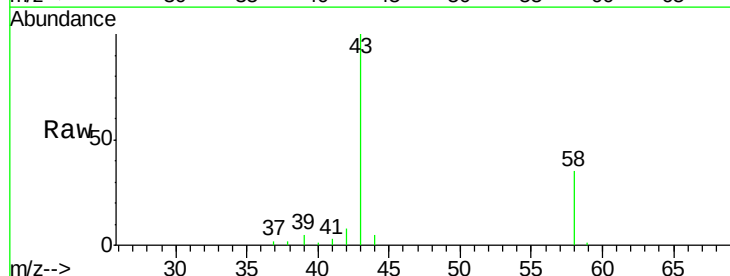
Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

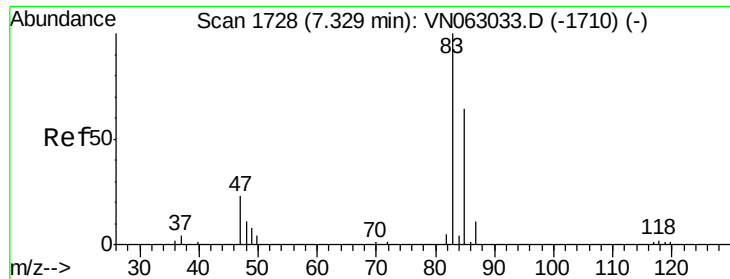
Tot Ion:128 Resp: 30244
 Ion Ratio Lower Upper
 128 100
 49 173.2 0.0 437.5
 130 130.5 0.0 327.3



#15
 Acetone
 Concen: 58.678 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN063043.D
 Acq: 20 Aug 2020 18:01

Tgt Ion: 58 Resp: 13989
 Ion Ratio Lower Upper
 58 100
 43 288.5 233.2 349.8

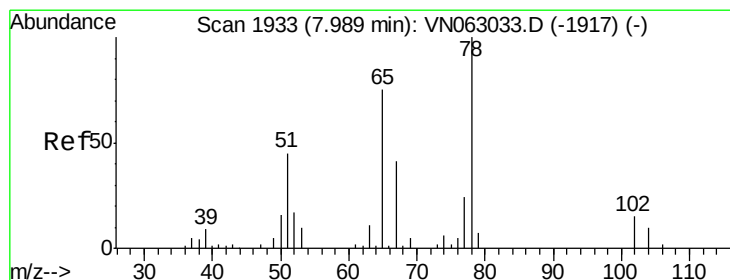
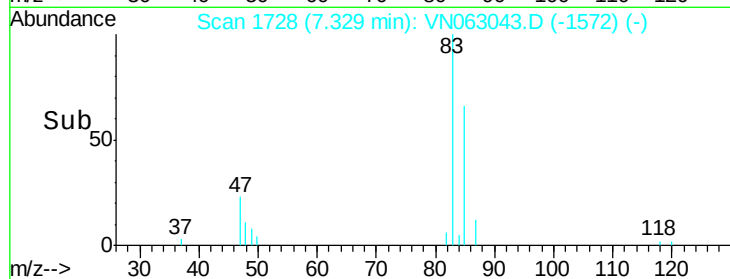
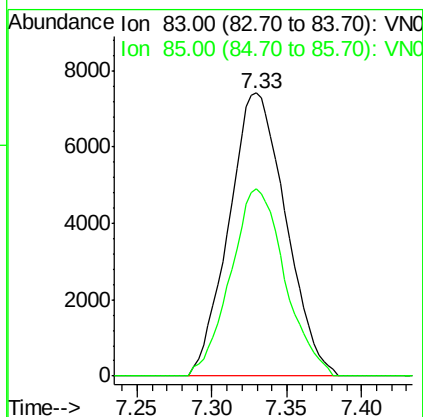
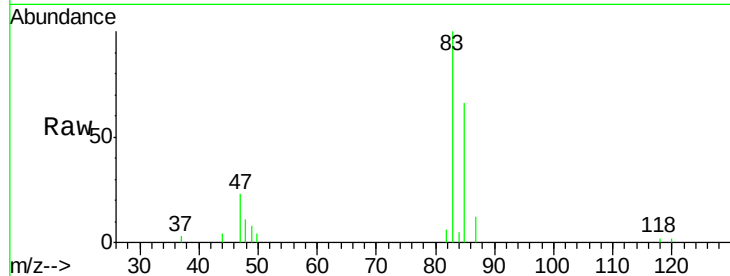




#25
Chloroform
Concen: 5.910 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063043.D
Acq: 20 Aug 2020 18:01

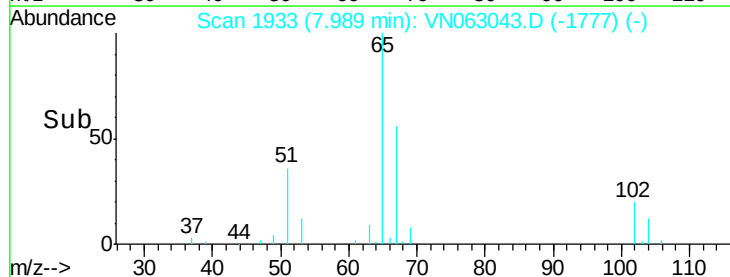
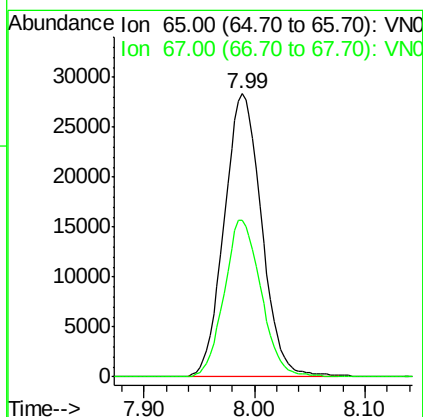
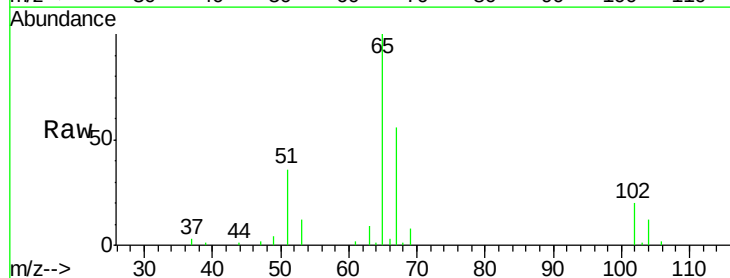
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

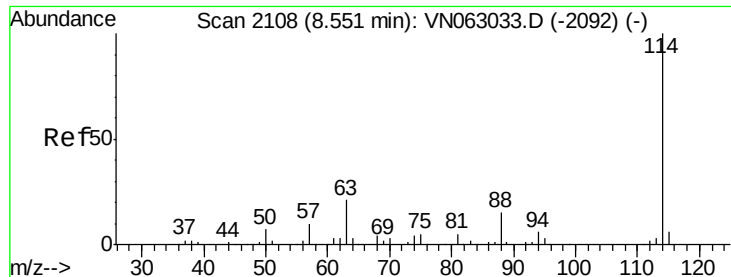
Tot Ion: 83 Resp: 19592
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.4



#27
1,2-Dichloroethane-d4
Concen: 31.136 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN063043.D
Acq: 20 Aug 2020 18:01

Tgt Ion: 65 Resp: 66720
Ion Ratio Lower Upper
65 100
67 54.4 43.8 65.6

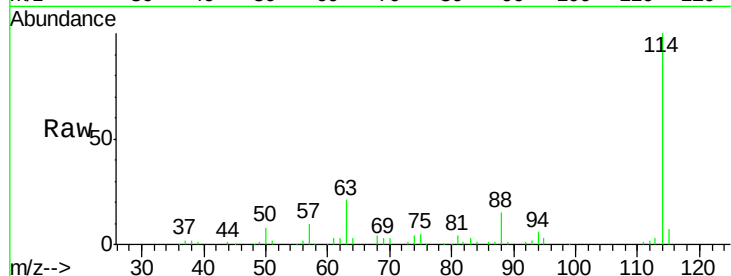




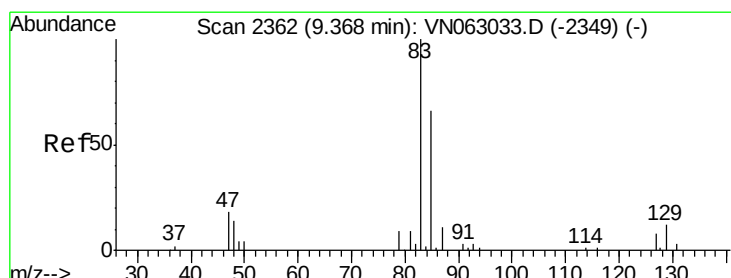
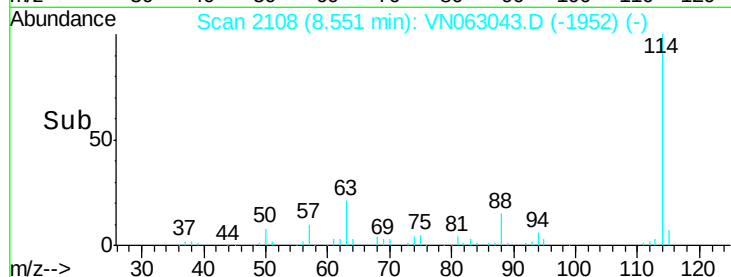
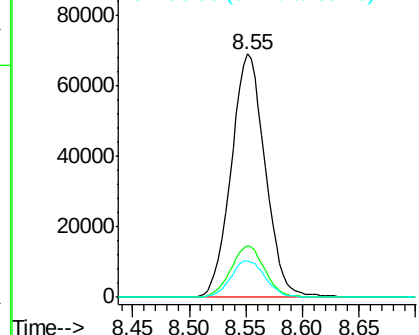
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063043.D
 Acq: 20 Aug 2020 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Tot Ion:114 Resp: 144566
 Ion Ratio Lower Upper
 114 100
 63 21.0 17.0 25.6
 88 15.3 12.6 18.8

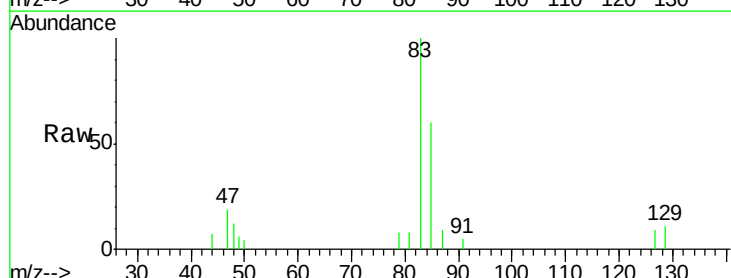


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

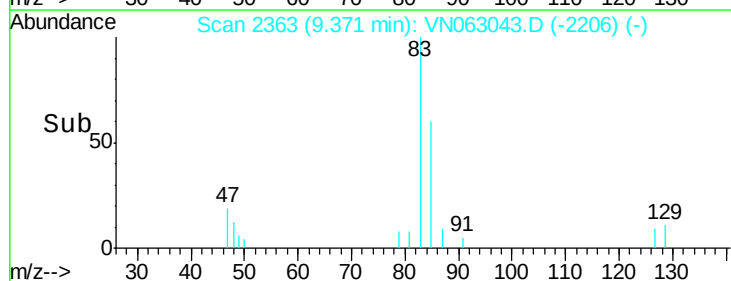
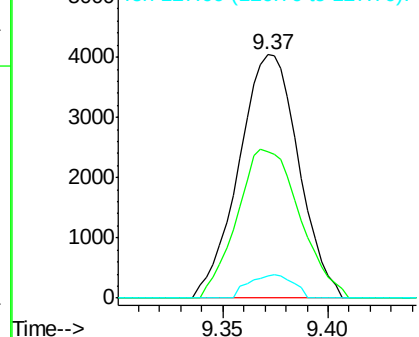


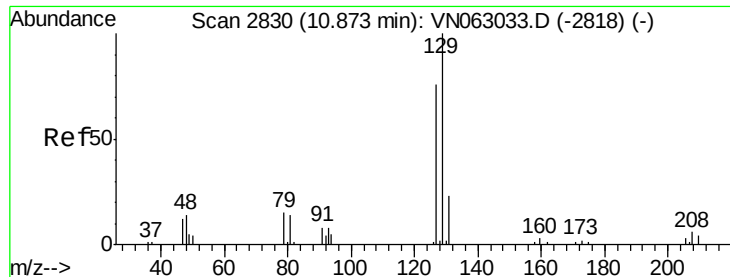
#41
 Bromodichloromethane
 Concen: 3.157 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN063043.D
 Acq: 20 Aug 2020 18:01

Tgt Ion: 83 Resp: 7954
 Ion Ratio Lower Upper
 83 100
 85 60.2 52.6 79.0
 127 9.3 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 85.00 (84.70 to 85.70): VN
 Ion 127.00 (126.70 to 127.70): V

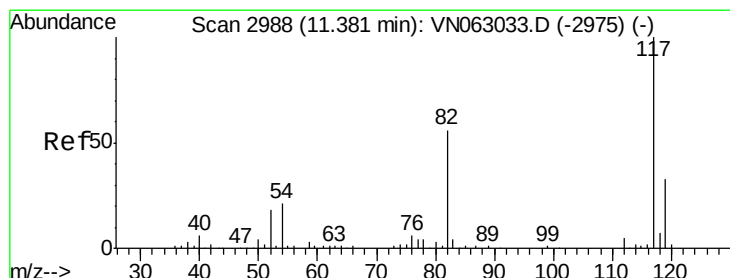
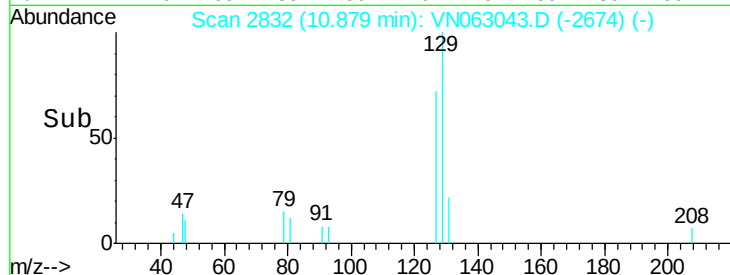
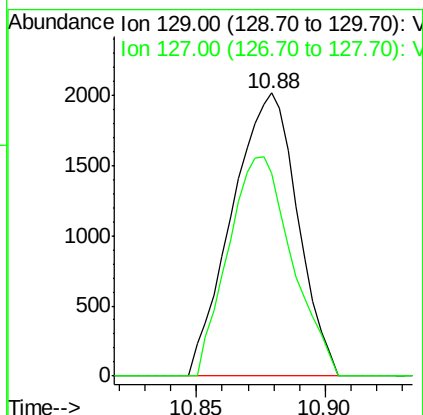
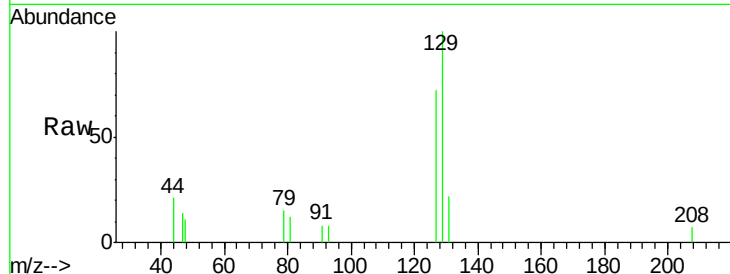




#53
 Dibromochloromethane
 Concen: 1.860 ug/l
 RT: 10.88 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: VN063043.D
 Acq: 20 Aug 2020 18:01

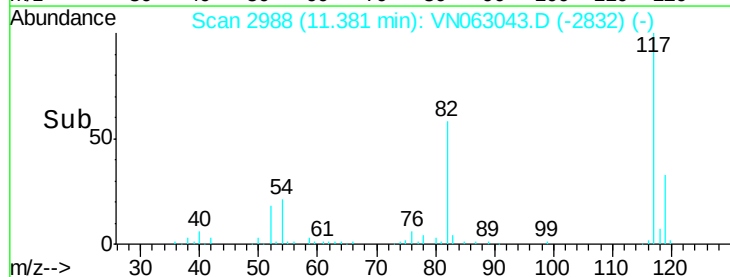
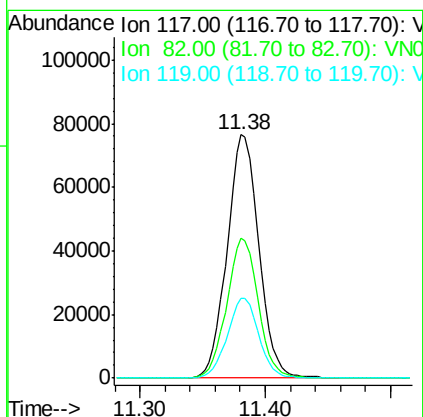
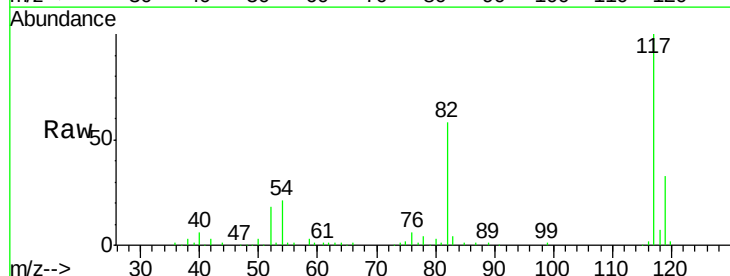
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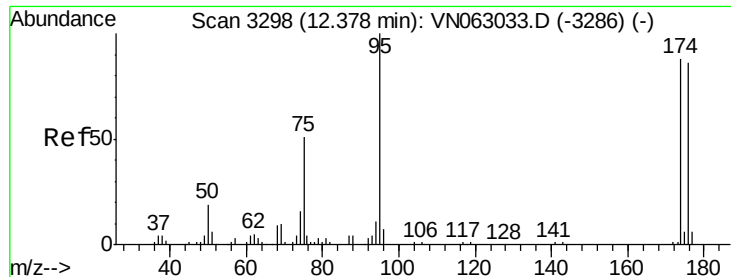
Tot Ion:129 Resp: 3578
 Ion Ratio Lower Upper
 129 100
 127 75.1 38.7 116.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN063043.D
 Acq: 20 Aug 2020 18:01

Tgt Ion:117 Resp: 134652
 Ion Ratio Lower Upper
 117 100
 82 56.9 44.9 67.3
 119 32.4 26.0 39.0

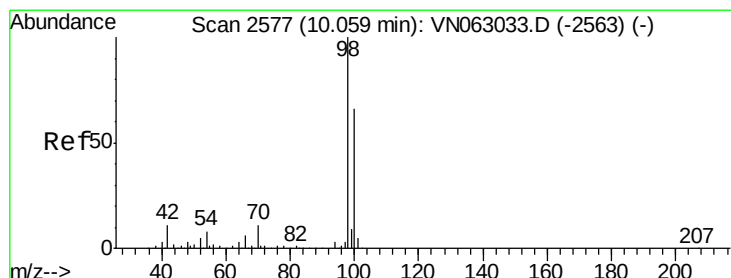
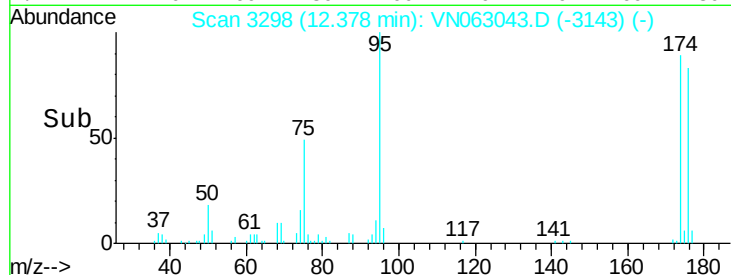
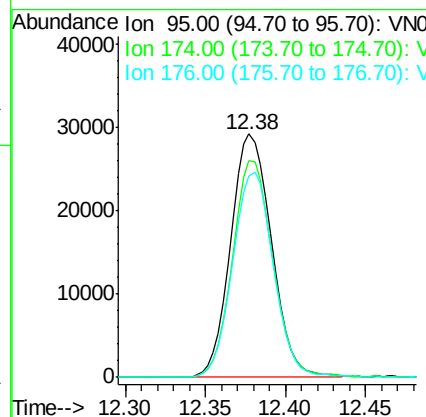
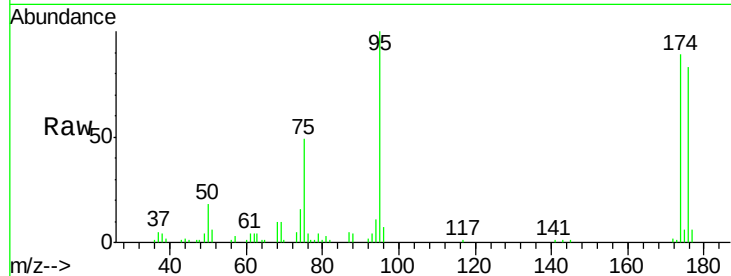




#60
4-Bromofluorobenzene
Concen: 23.856 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063043.D
Acq: 20 Aug 2020 18:01

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	95	Resp	50759
Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.1	105.1
176	84.0	66.8	100.2



#63
Toluene-d8
Concen: 28.967 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063043.D
Acq: 20 Aug 2020 18:01

Tgt Ion	98	Resp	179005
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.2

