

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084076.D
 Acq On : 20 Sep 2024 17:33
 Operator : JC\MD
 Sample : P4093-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001

Quant Time: Sep 20 23:29:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

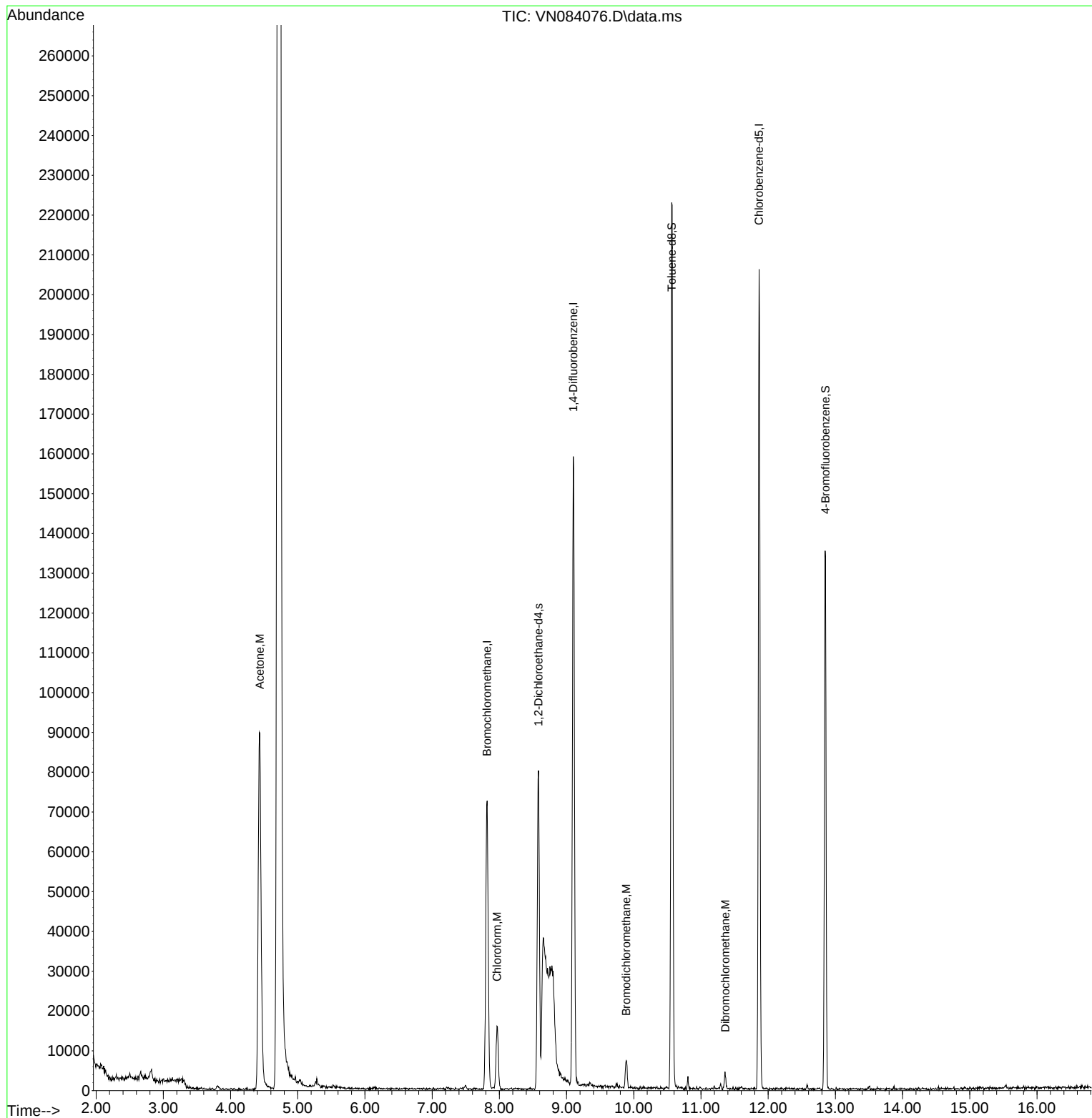
Internal Standards						
1) Bromochloromethane	7.818	128	24361	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	127685	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	111024	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	67701	30.403	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.333%
60) 4-Bromofluorobenzene	12.853	95	46731	24.422	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.400%
63) Toluene-d8	10.565	98	153322	29.824	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	49347	201.314	ug/l	77
25) Chloroform	7.965	83	15513	4.782	ug/l	93
41) Bromodichloromethane	9.888	83	5467	2.404	ug/l #	89
53) Dibromochloromethane	11.365	129	2549	1.562	ug/l	96

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

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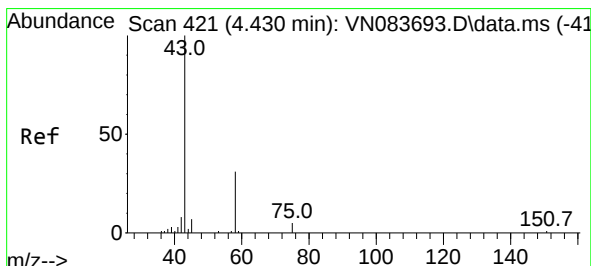
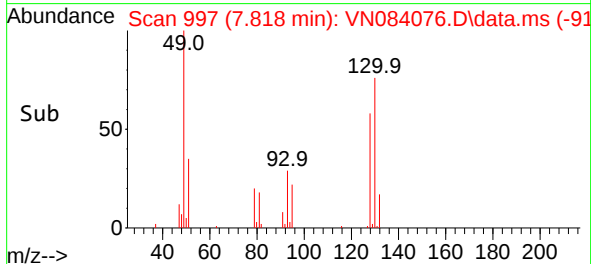
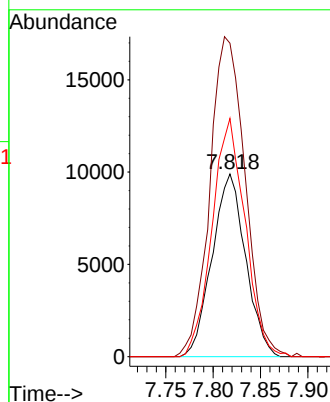
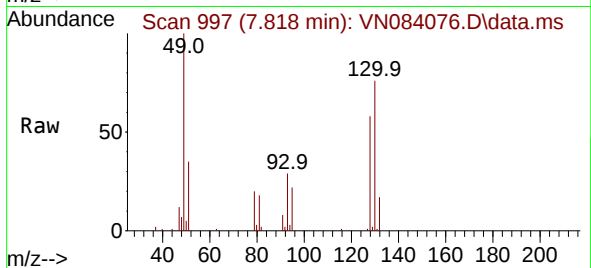




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

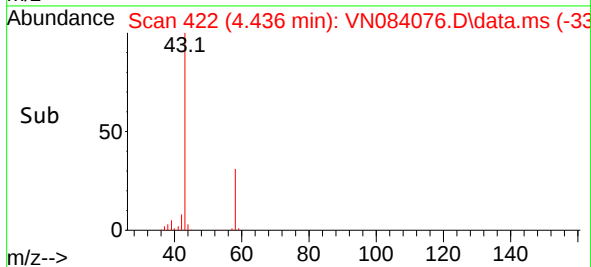
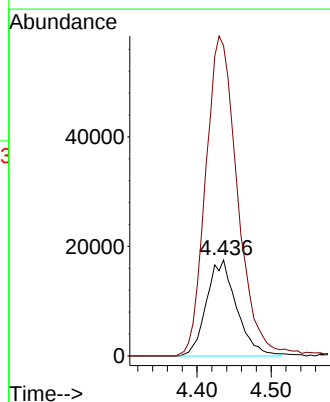
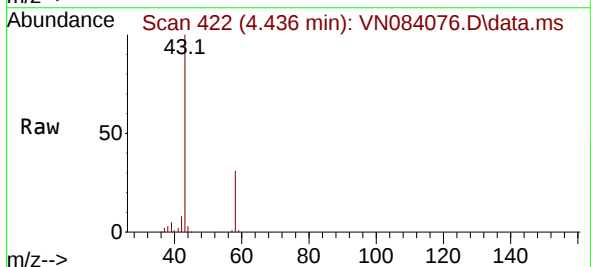
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

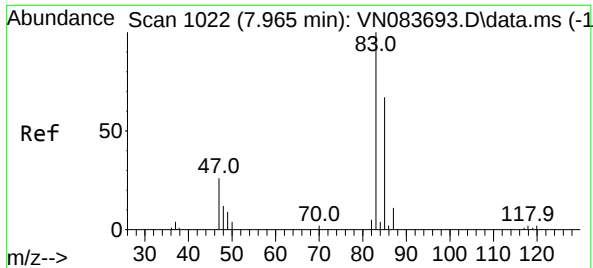
Tgt Ion:128 Resp: 24361
Ion Ratio Lower Upper
128 100
49 184.1 0.0 403.7
130 128.7 0.0 323.3



#15
Acetone
Concen: 201.314 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

Tgt Ion: 58 Resp: 49347
Ion Ratio Lower Upper
58 100
43 321.3 223.1 334.7

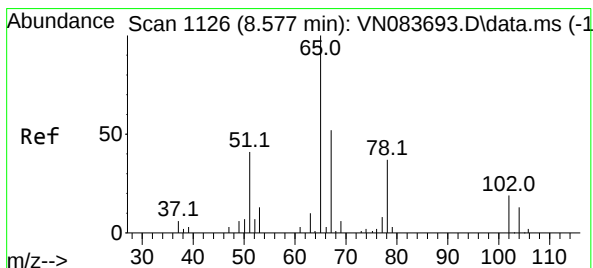
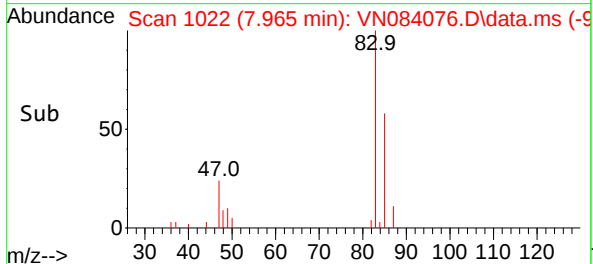
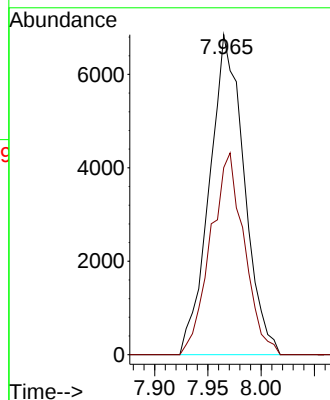
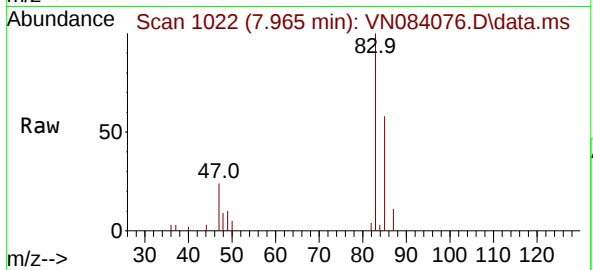




#25
Chloroform
Concen: 4.782 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

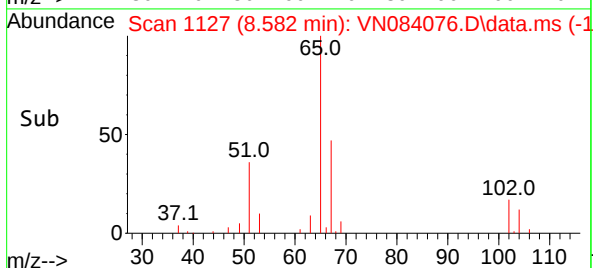
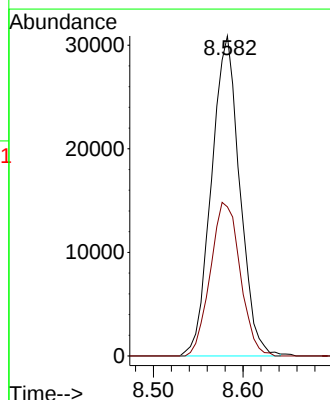
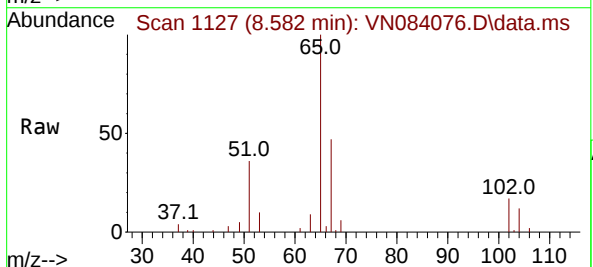
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

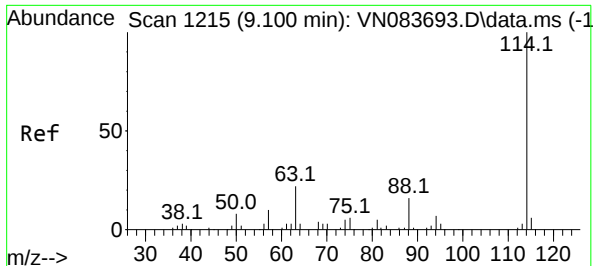
Tgt Ion: 83 Resp: 15513
Ion Ratio Lower Upper
83 100
85 58.5 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 30.403 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

Tgt Ion: 65 Resp: 67701
Ion Ratio Lower Upper
65 100
67 50.4 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084076.D

Acq: 20 Sep 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001

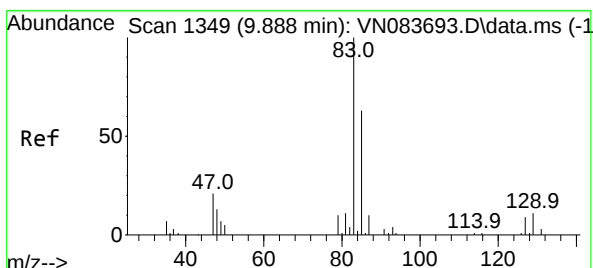
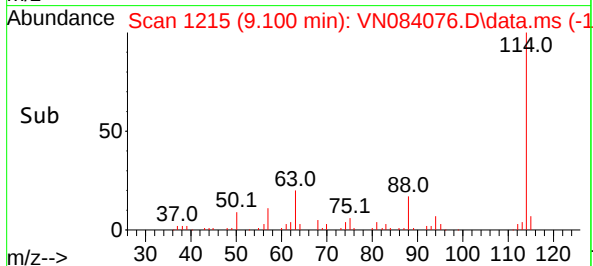
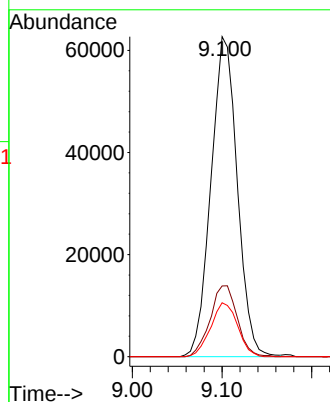
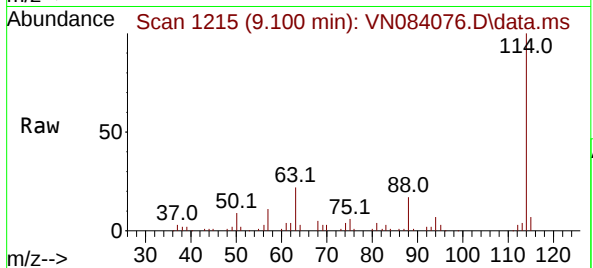
Tgt Ion:114 Resp: 127685

Ion Ratio Lower Upper

114 100

63 22.8 15.9 23.9

88 17.2 12.7 19.1



#41

Bromodichloromethane

Concen: 2.404 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN084076.D

Acq: 20 Sep 2024 17:33

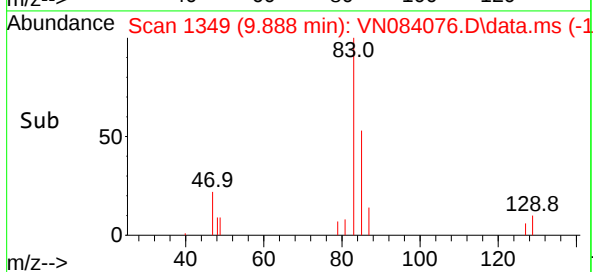
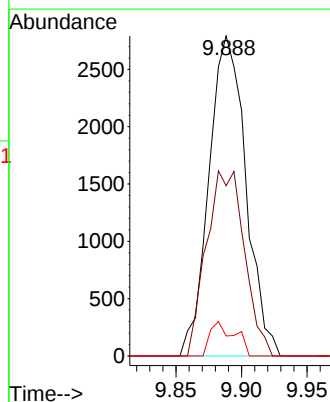
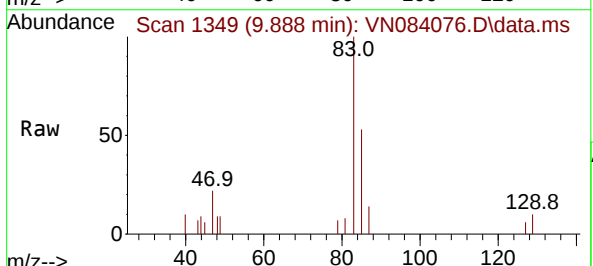
Tgt Ion: 83 Resp: 5467

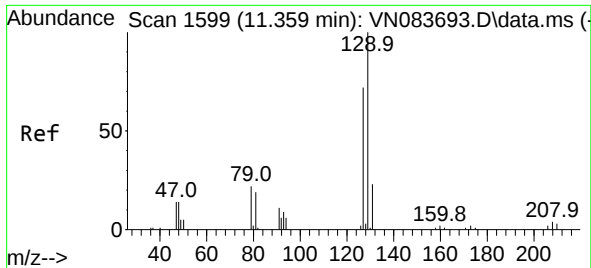
Ion Ratio Lower Upper

83 100

85 53.2 49.4 74.2

127 6.3 7.3 10.9#

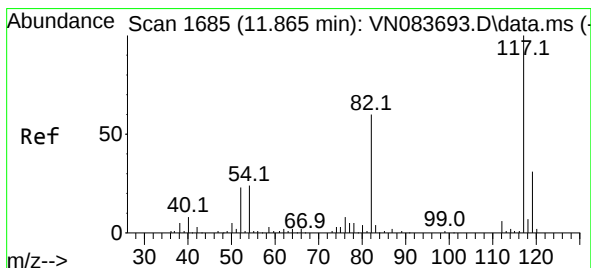
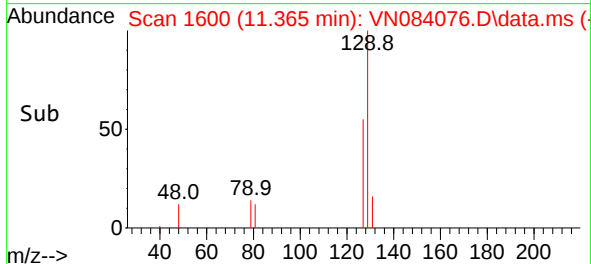
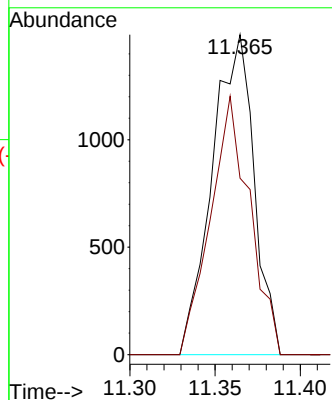
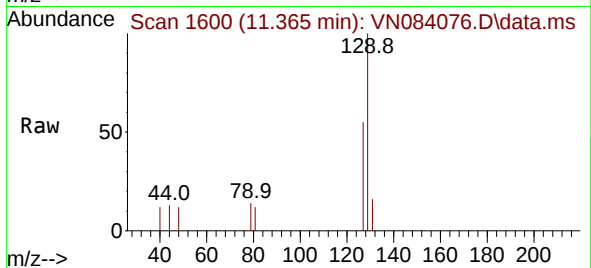




#53
Dibromochloromethane
Concen: 1.562 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

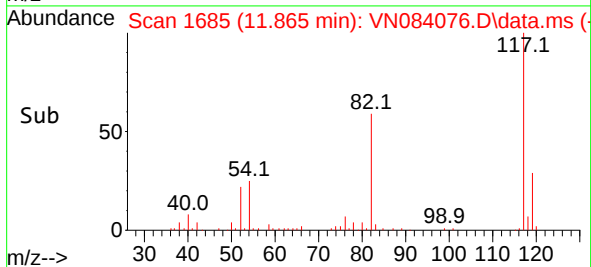
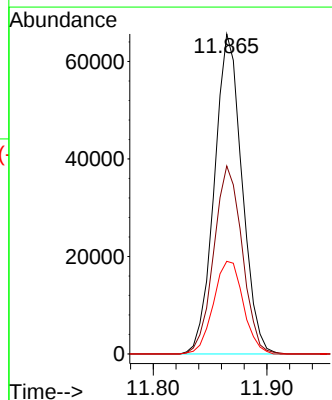
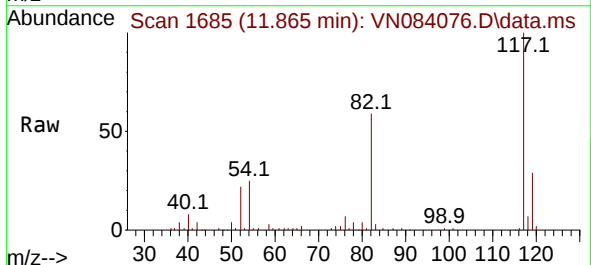
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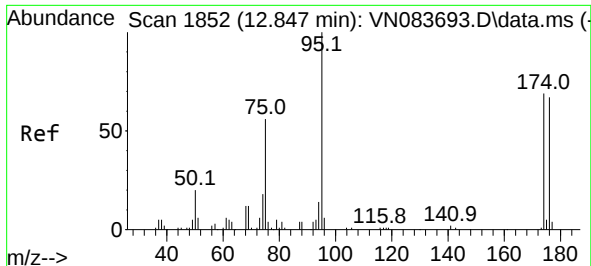
Tgt Ion:129 Resp: 2549
Ion Ratio Lower Upper
129 100
127 75.6 39.4 118.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

Tgt Ion:117 Resp: 111024
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 31.2 25.4 38.2

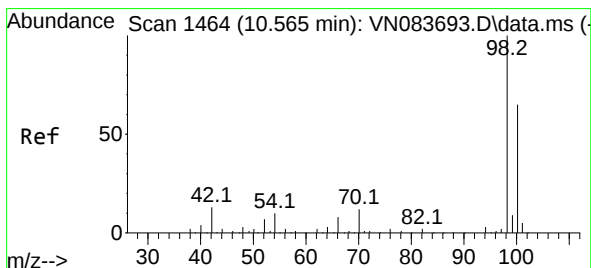
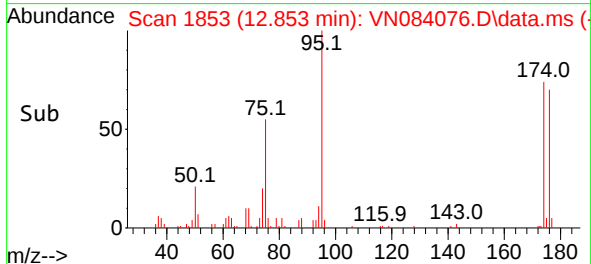
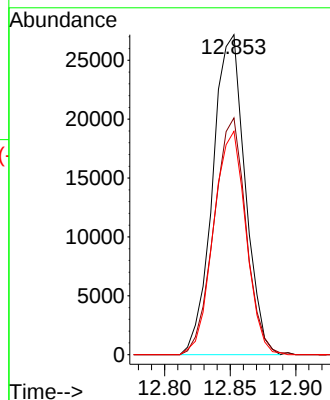
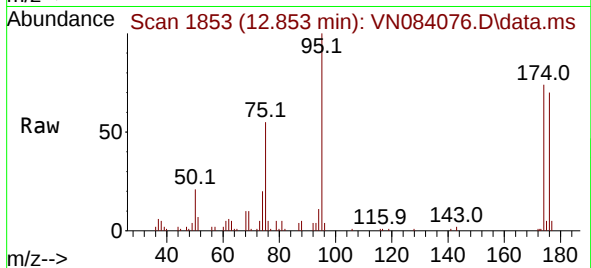




#60
4-Bromofluorobenzene
Concen: 24.422 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Tgt Ion: 95 Resp: 46731
Ion Ratio Lower Upper
95 100
174 73.3 60.5 90.7
176 69.7 57.8 86.6



#63
Toluene-d8
Concen: 29.824 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084076.D
Acq: 20 Sep 2024 17:33

Tgt Ion: 98 Resp: 153322
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1

