

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083714.D
 Acq On : 09 Sep 2024 13:36
 Operator : JC\MD
 Sample : P3790-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Sep 10 01:20:17 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)

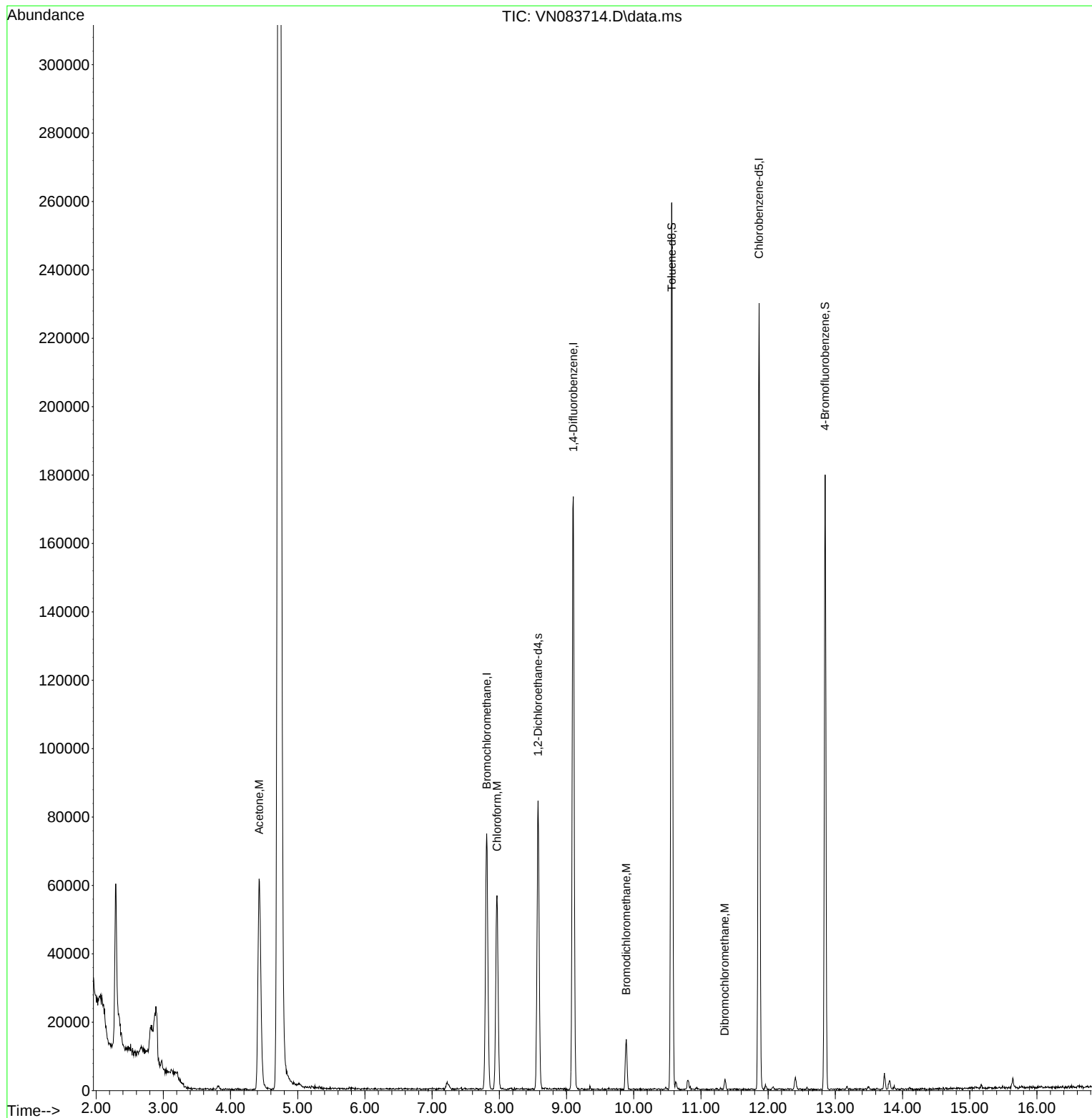
Internal Standards						
1) Bromochloromethane	7.812	128	25268	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	144155	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	125575	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	69861	30.247	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.833%
60) 4-Bromofluorobenzene	12.847	95	62692	28.967	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.567%
63) Toluene-d8	10.565	98	172389	29.648	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.833%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	33920	133.412	ug/l	76
25) Chloroform	7.965	83	54578	16.219	ug/l	94
41) Bromodichloromethane	9.888	83	10045	3.913	ug/l #	98
53) Dibromochloromethane	11.353	129	1816	0.986	ug/l	91

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

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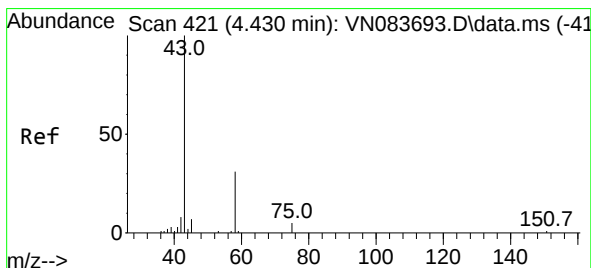
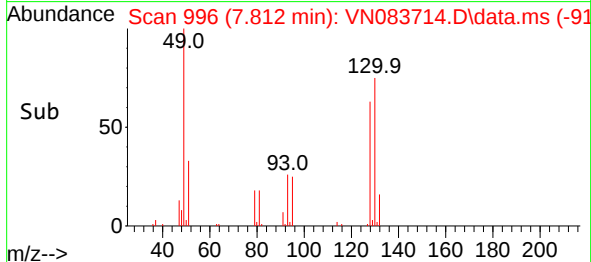
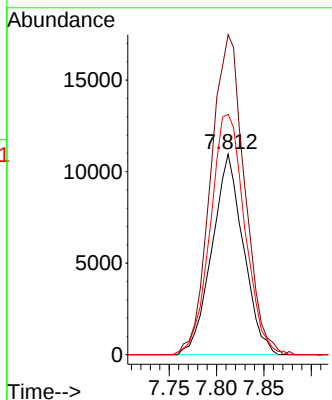
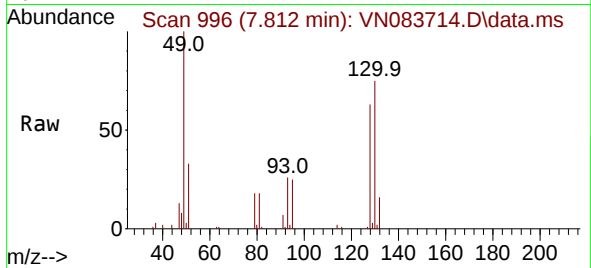




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083714.D
Acq: 09 Sep 2024 13:36

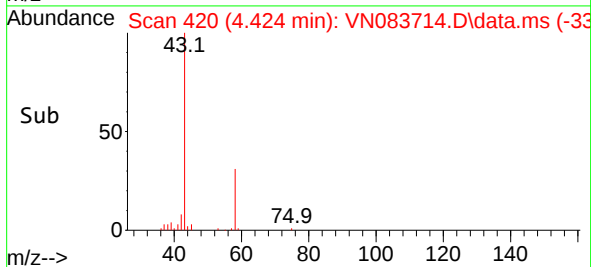
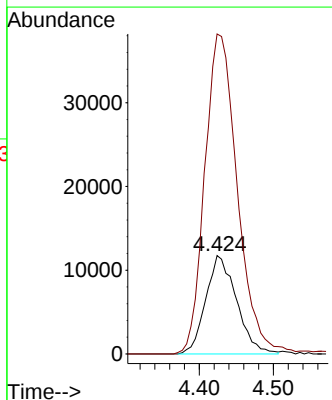
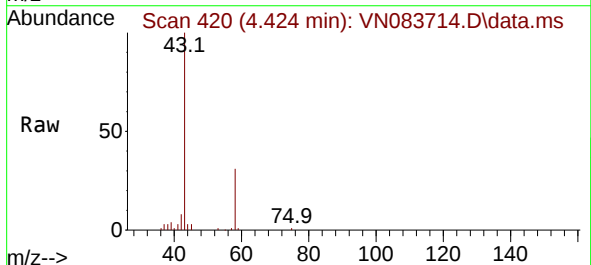
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

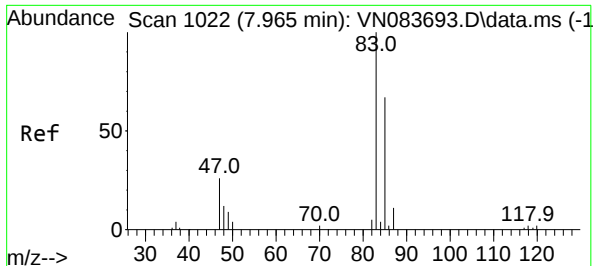
Tgt Ion:128 Resp: 25268
Ion Ratio Lower Upper
128 100
49 171.5 0.0 403.7
130 131.6 0.0 323.3



#15
Acetone
Concen: 133.412 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083714.D
Acq: 09 Sep 2024 13:36

Tgt Ion: 58 Resp: 33920
Ion Ratio Lower Upper
58 100
43 323.7 223.1 334.7





#25

Chloroform

Concen: 16.219 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083714.D

Acq: 09 Sep 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :

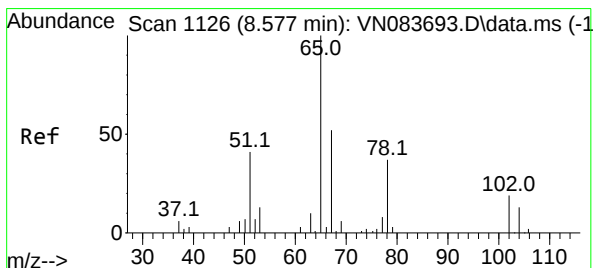
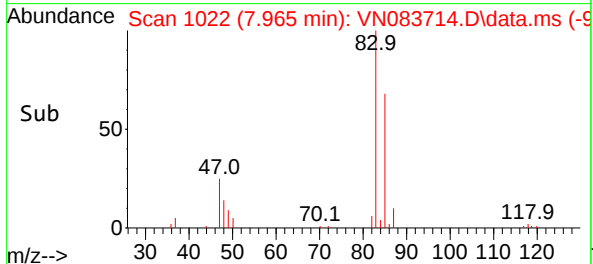
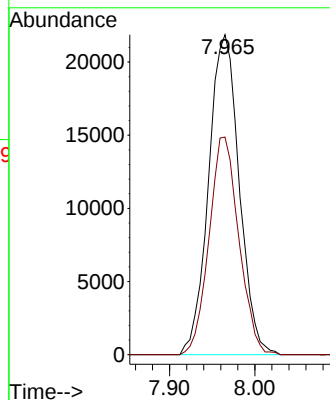
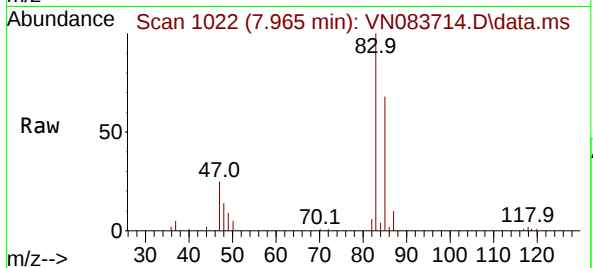
OUTFALL-DSN-002

Tgt Ion: 83 Resp: 54578

Ion Ratio Lower Upper

83 100

85 68.0 50.9 76.3



#27

1,2-Dichloroethane-d4

Concen: 30.247 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083714.D

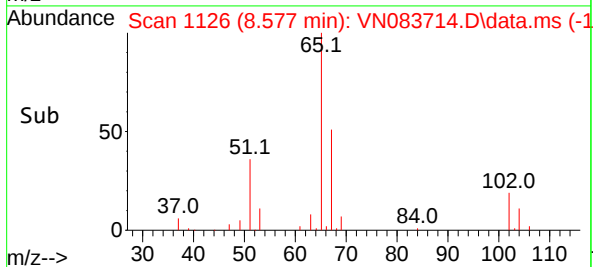
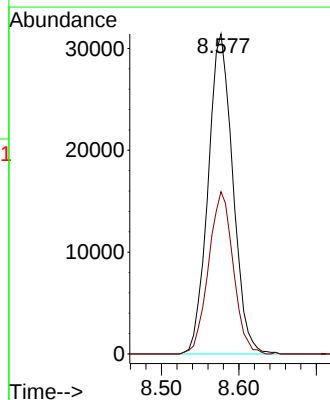
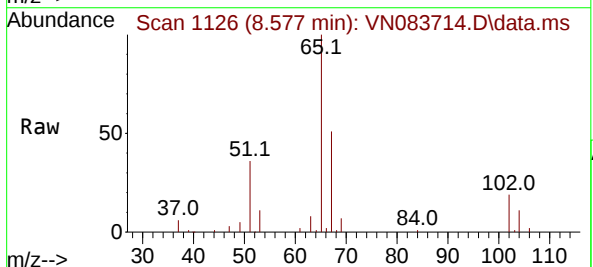
Acq: 09 Sep 2024 13:36

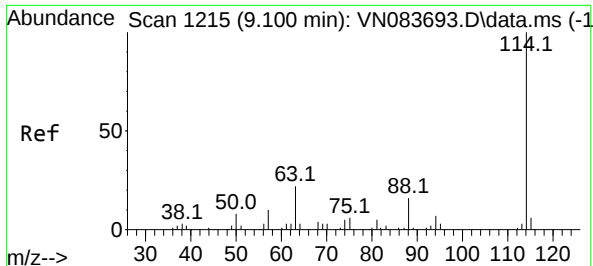
Tgt Ion: 65 Resp: 69861

Ion Ratio Lower Upper

65 100

67 50.6 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: VN083714.D

Acq: 09 Sep 2024 13:36

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002

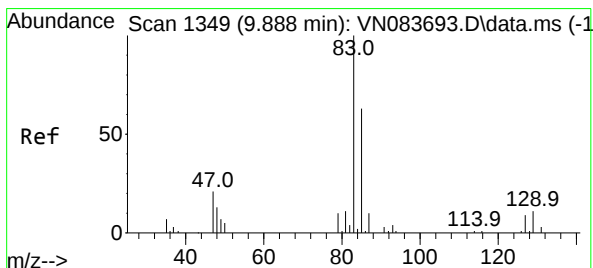
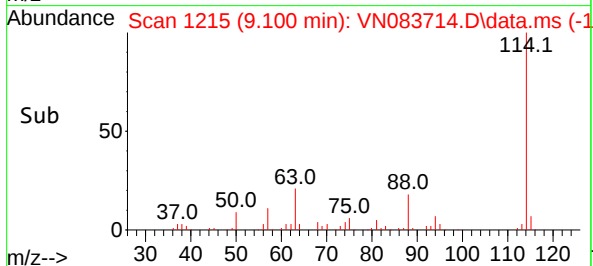
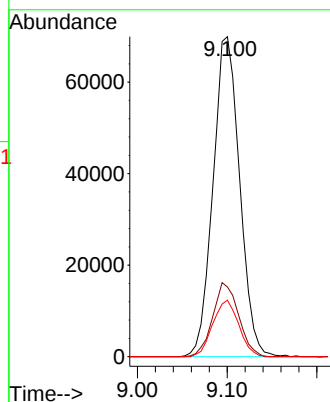
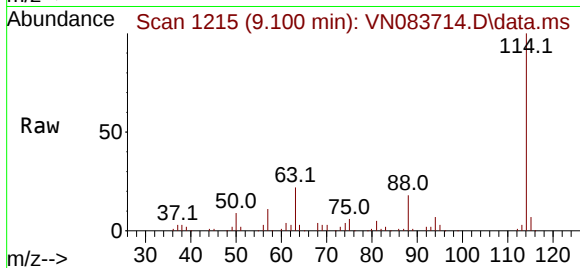
Tgt Ion:114 Resp: 144155

Ion Ratio Lower Upper

114 100

63 22.5 15.9 23.9

88 17.2 12.7 19.1



#41

Bromodichloromethane

Concen: 3.913 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083714.D

Acq: 09 Sep 2024 13:36

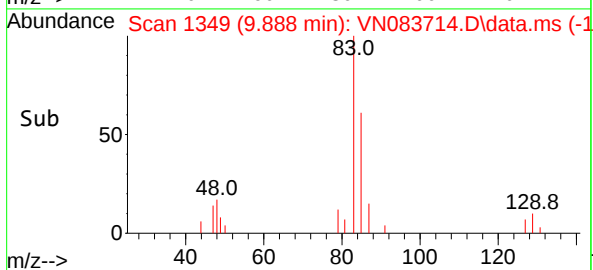
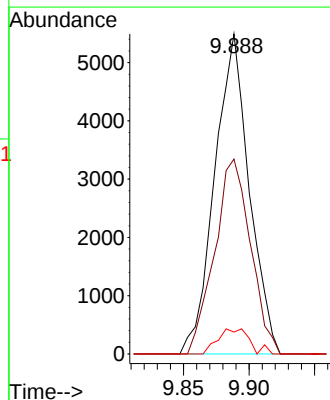
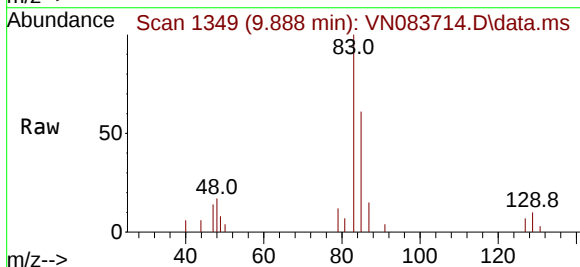
Tgt Ion: 83 Resp: 10045

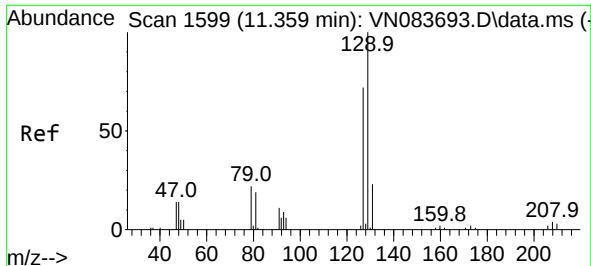
Ion Ratio Lower Upper

83 100

85 60.9 49.4 74.2

127 6.9 7.3 10.9#

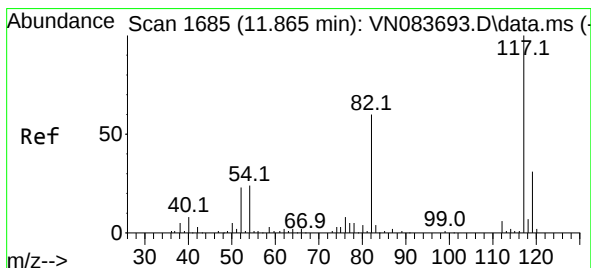
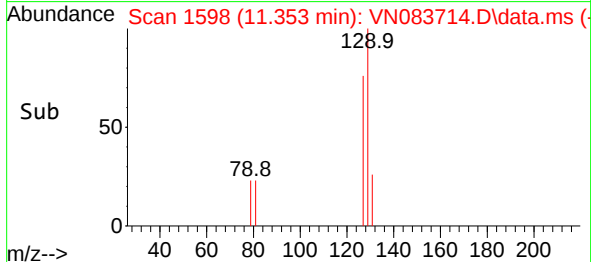
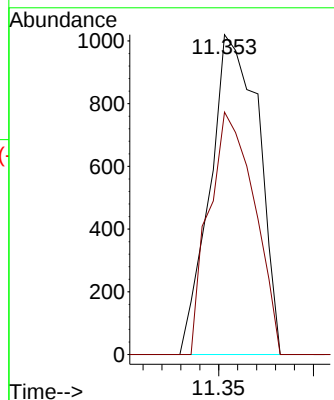
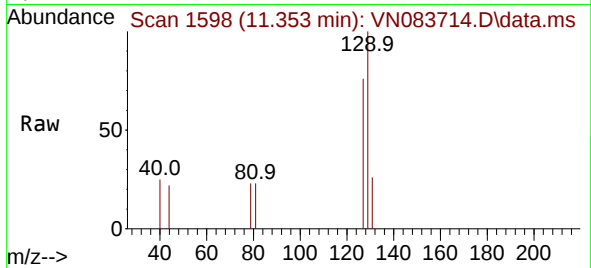




#53
Dibromochloromethane
Concen: 0.986 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083714.D
Acq: 09 Sep 2024 13:36

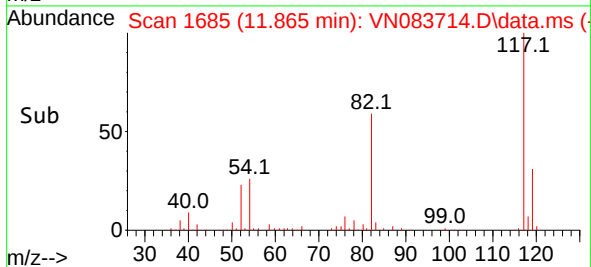
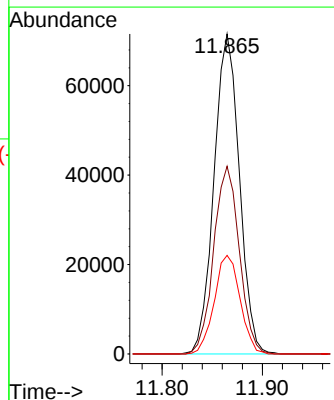
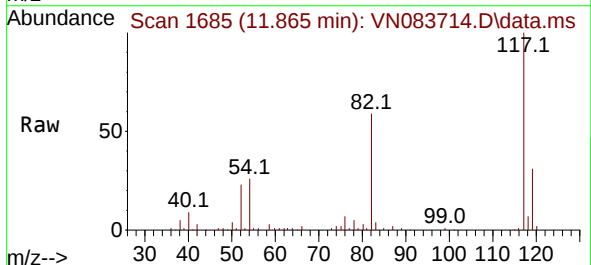
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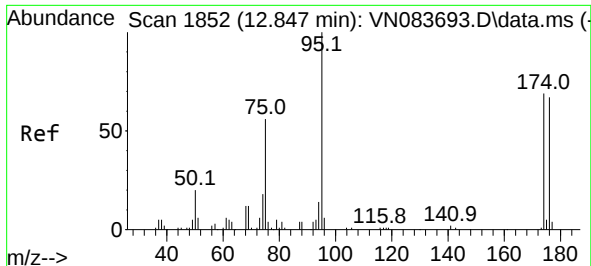
Tgt Ion:129 Resp: 1816
Ion Ratio Lower Upper
129 100
127 71.0 39.4 118.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083714.D
Acq: 09 Sep 2024 13:36

Tgt Ion:117 Resp: 125575
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 31.4 25.4 38.2

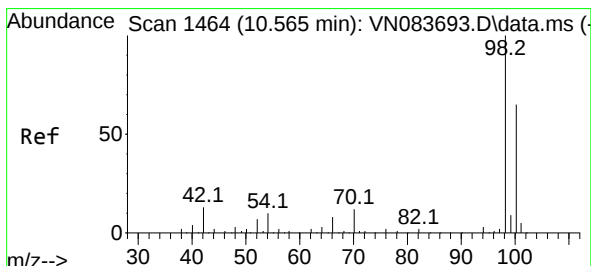
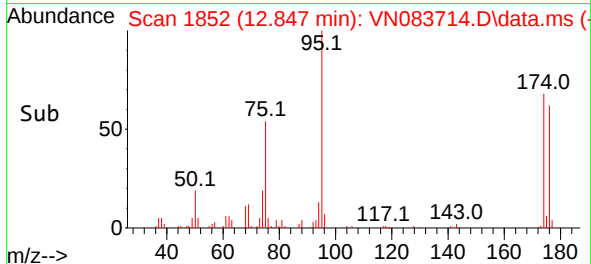
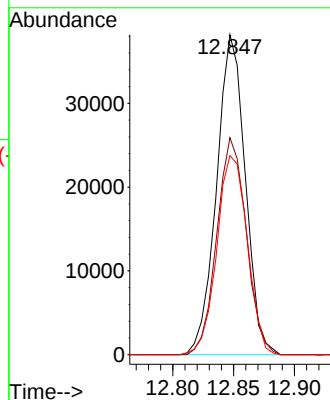
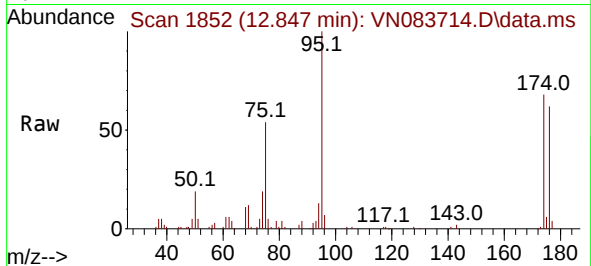




#60
4-Bromofluorobenzene
Concen: 28.967 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083714.D
Acq: 09 Sep 2024 13:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Tgt Ion: 95 Resp: 62692
Ion Ratio Lower Upper
95 100
174 69.5 60.5 90.7
176 66.0 57.8 86.6



#63
Toluene-d8
Concen: 29.648 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083714.D
Acq: 09 Sep 2024 13:36

Tgt Ion: 98 Resp: 172389
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

