

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081908.D
 Acq On : 29 Apr 2024 12:44
 Operator : JC\MD
 Sample : P2292-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418050-02

Quant Time: Apr 30 04:35:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

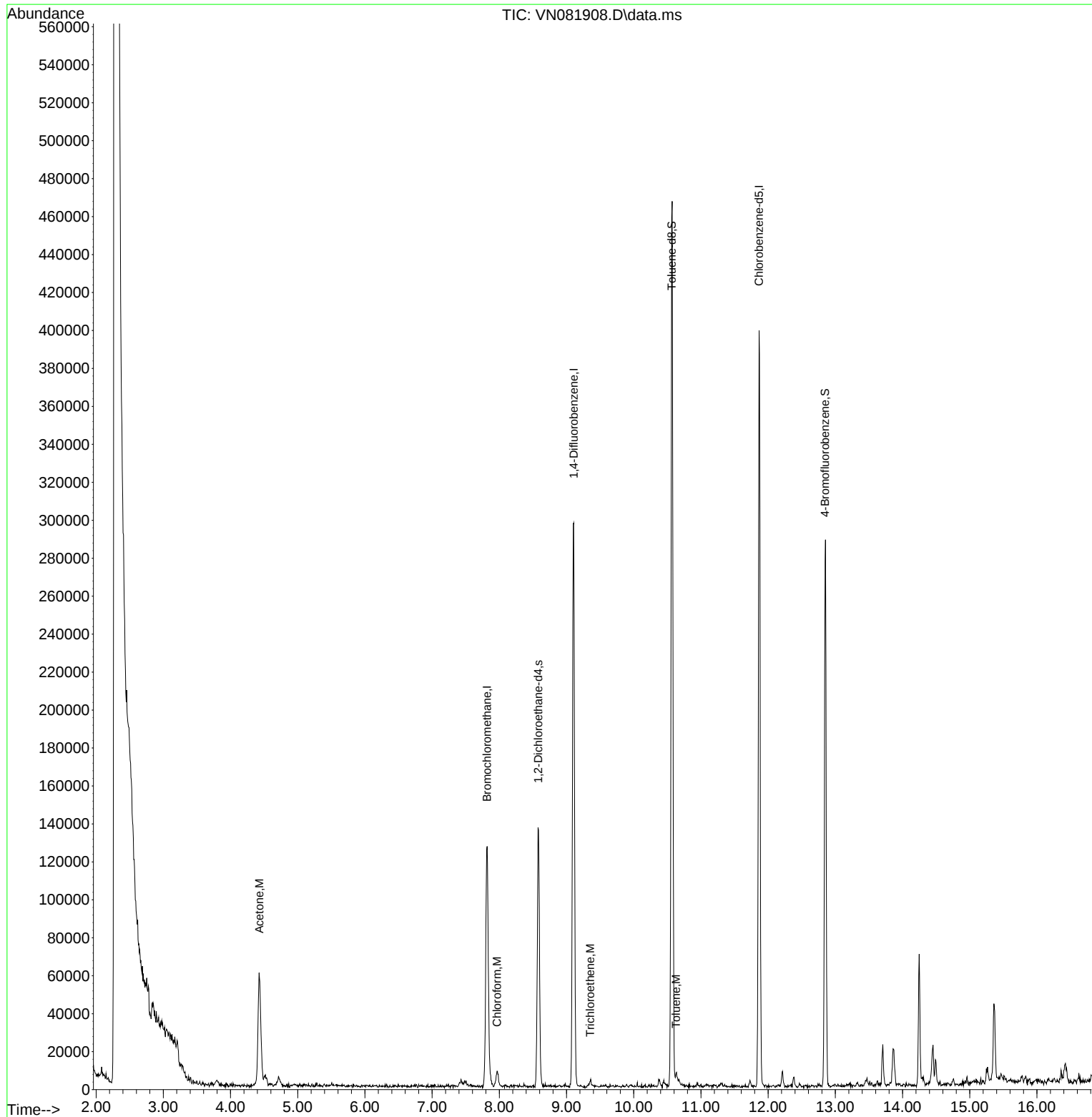
Internal Standards						
1) Bromochloromethane	7.818	128	44805	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	255484	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	217312	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	105933	28.239	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.133%
60) 4-Bromofluorobenzene	12.847	95	104174	28.805	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.000%
63) Toluene-d8	10.565	98	321845	31.186	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.967%
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	35309	100.830	ug/l	87
25) Chloroform	7.965	83	7929	1.465	ug/l	94
37) Trichloroethene	9.353	130	1242	0.418	ug/l	85
62) Toluene	10.630	91	4459	0.365	ug/l	93

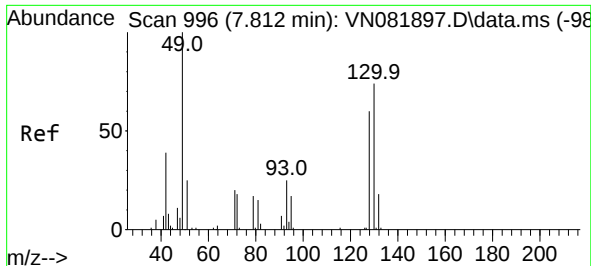
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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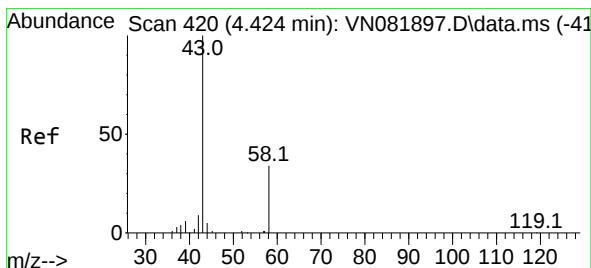
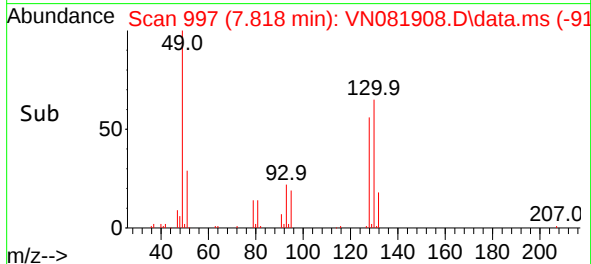
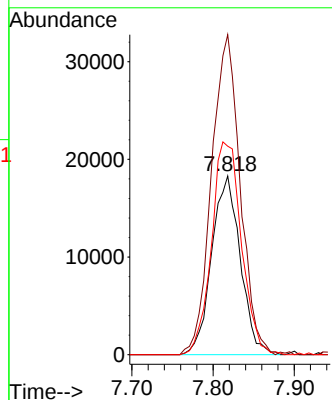
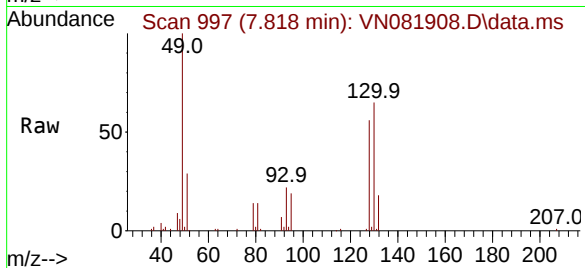




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081908.D
Acq: 29 Apr 2024 12:44

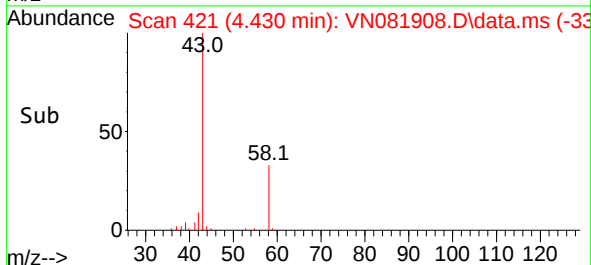
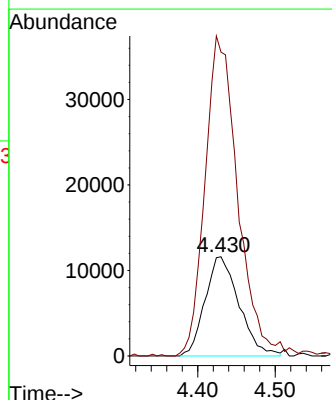
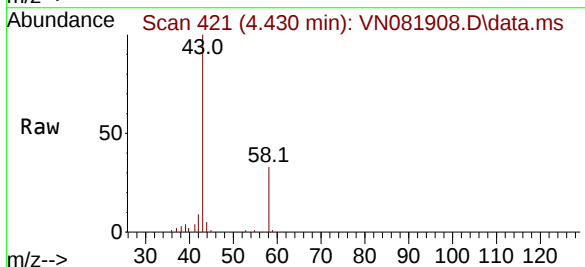
Instrument :
MSVOA_N
ClientSampleId :
240418050-02

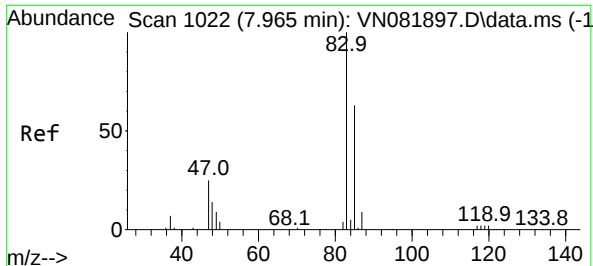
Tgt Ion:128 Resp: 44805
Ion Ratio Lower Upper
128 100
49 179.5 0.0 403.7
130 124.3 0.0 323.3



#15
Acetone
Concen: 100.830 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081908.D
Acq: 29 Apr 2024 12:44

Tgt Ion: 58 Resp: 35309
Ion Ratio Lower Upper
58 100
43 303.1 223.1 334.7





#25

Chloroform

Concen: 1.465 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081908.D

Acq: 29 Apr 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

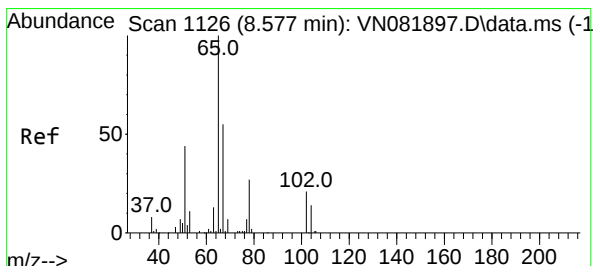
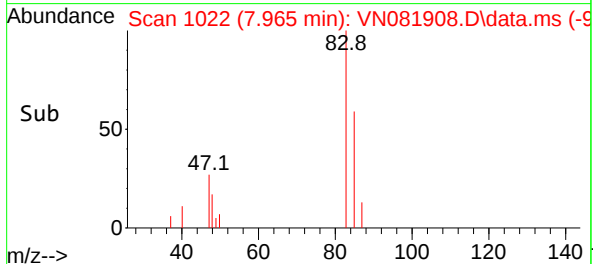
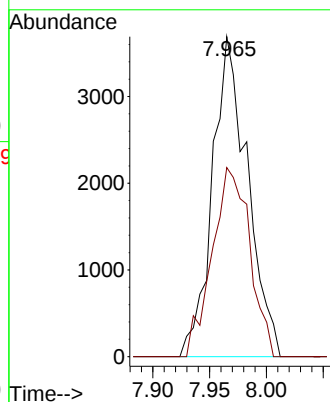
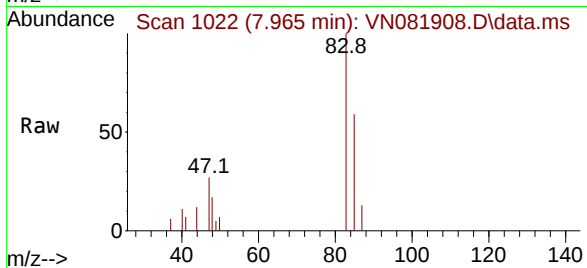
240418050-02

Tgt Ion: 83 Resp: 7929

Ion Ratio Lower Upper

83 100

85 59.1 50.9 76.3



#27

1,2-Dichloroethane-d4

Concen: 28.239 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081908.D

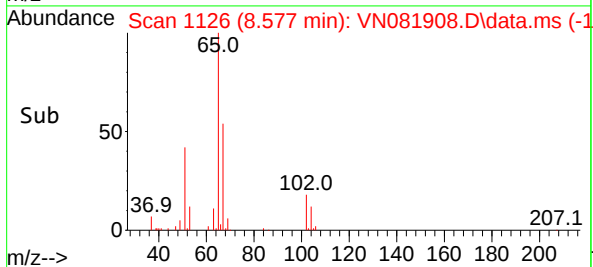
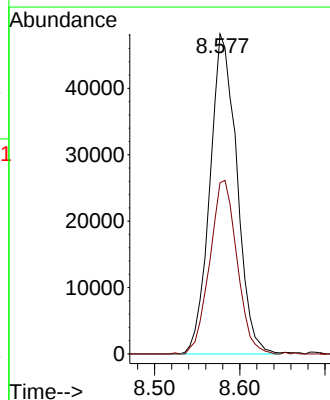
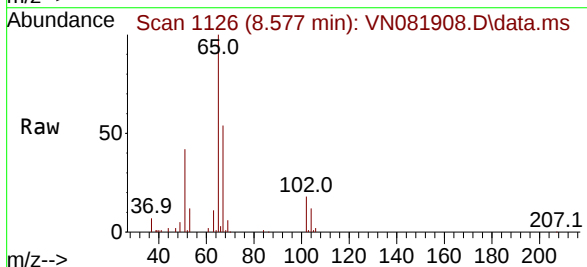
Acq: 29 Apr 2024 12:44

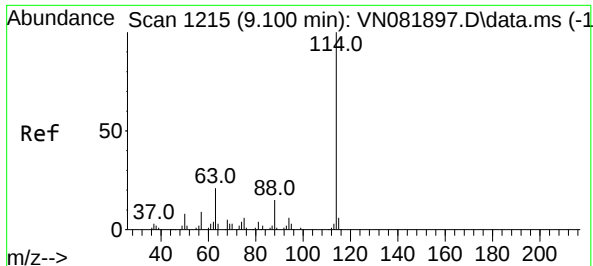
Tgt Ion: 65 Resp: 105933

Ion Ratio Lower Upper

65 100

67 54.9 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN081908.D

Acq: 29 Apr 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

240418050-02

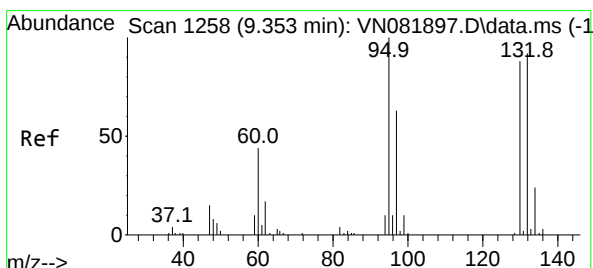
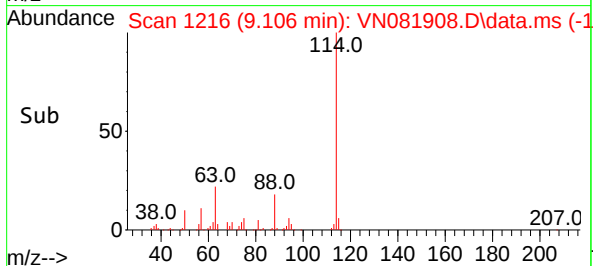
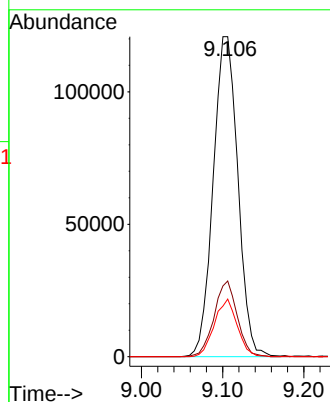
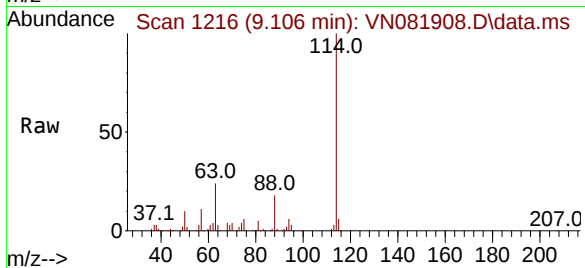
Tgt Ion:114 Resp: 255484

Ion Ratio Lower Upper

114 100

63 22.1 15.9 23.9

88 16.7 12.7 19.1



#37

Trichloroethene

Concen: 0.418 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN081908.D

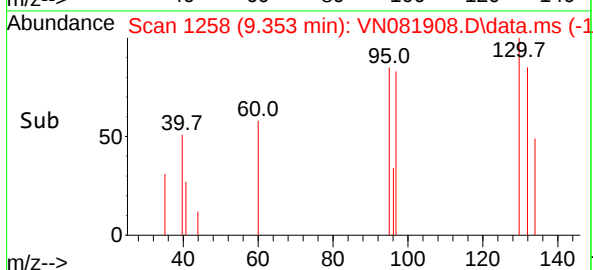
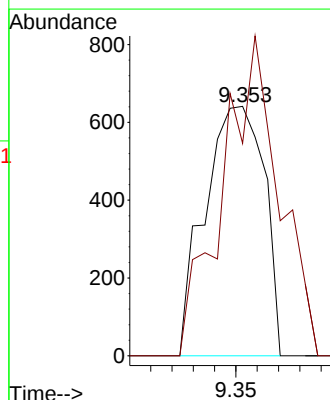
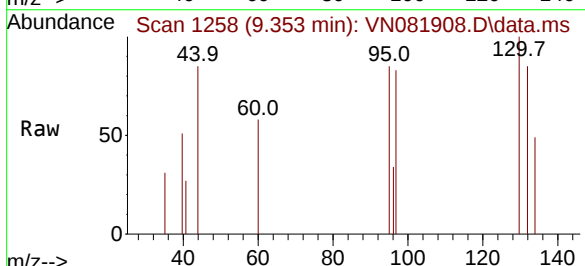
Acq: 29 Apr 2024 12:44

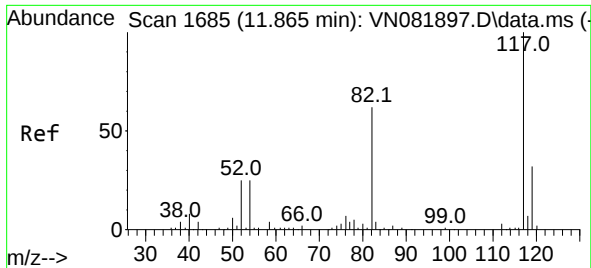
Tgt Ion:130 Resp: 1242

Ion Ratio Lower Upper

130 100

95 85.2 80.2 120.4

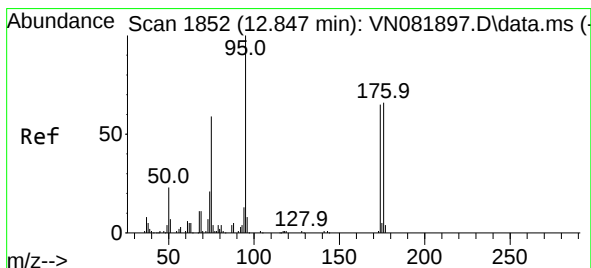
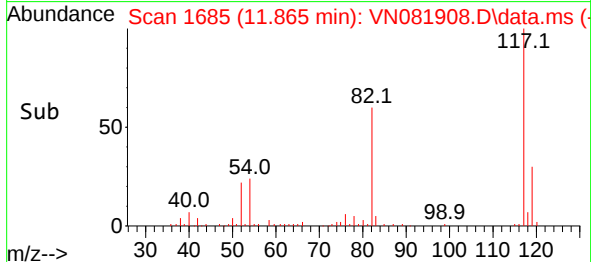
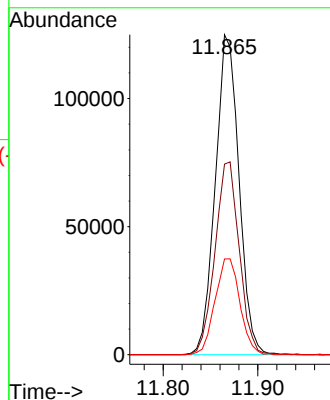
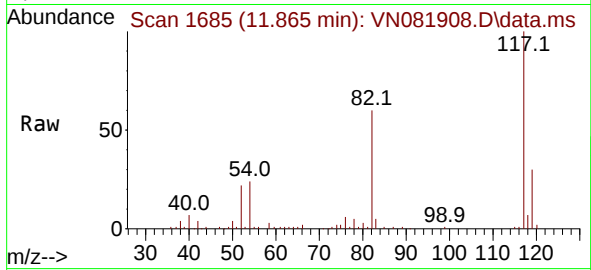




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081908.D
Acq: 29 Apr 2024 12:44

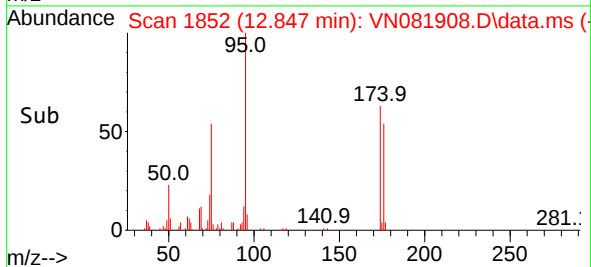
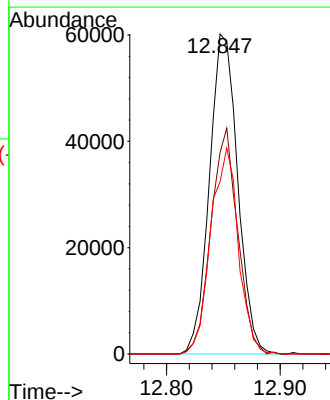
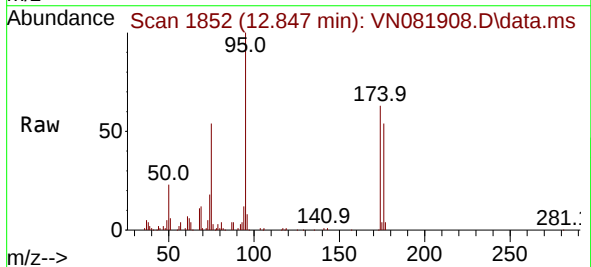
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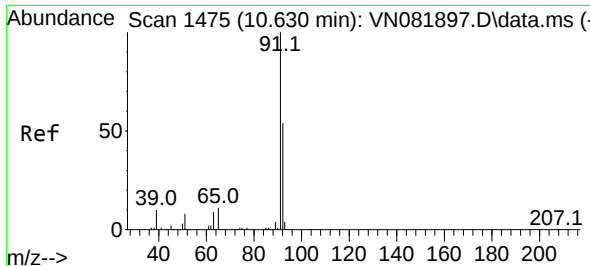
Tgt Ion:117 Resp: 217312
Ion Ratio Lower Upper
117 100
82 61.8 46.6 69.8
119 31.5 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 28.805 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081908.D
Acq: 29 Apr 2024 12:44

Tgt Ion: 95 Resp: 104174
Ion Ratio Lower Upper
95 100
174 66.5 60.5 90.7
176 62.7 57.8 86.6

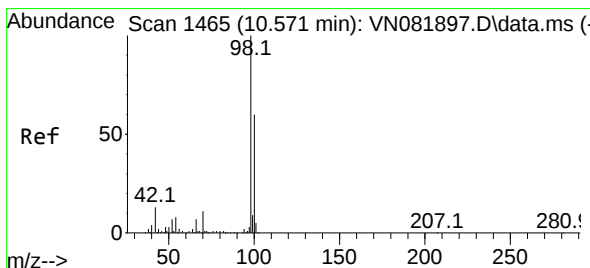
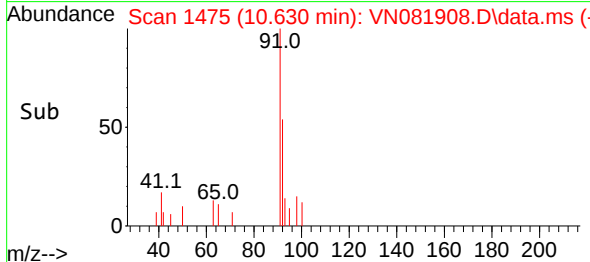
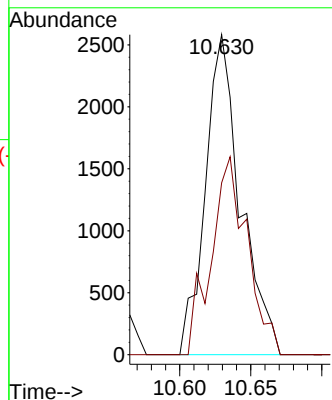
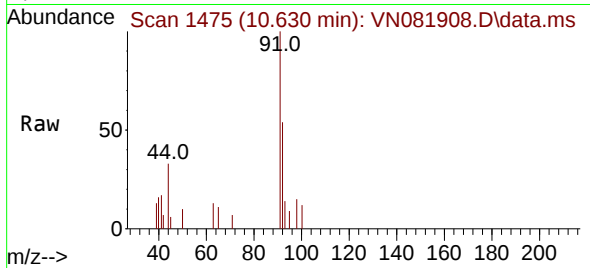




#62
Toluene
Concen: 0.365 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081908.D
Acq: 29 Apr 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
240418050-02

Tgt Ion: 91 Resp: 4459
Ion Ratio Lower Upper
91 100
92 63.3 46.5 69.7



#63
Toluene-d8
Concen: 31.186 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081908.D
Acq: 29 Apr 2024 12:44

Tgt Ion: 98 Resp: 321845
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

