

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082585.D
 Acq On : 14 Jun 2024 16:03
 Operator : JC\MD
 Sample : P2891-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-440-442

Quant Time: Jun 14 23:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

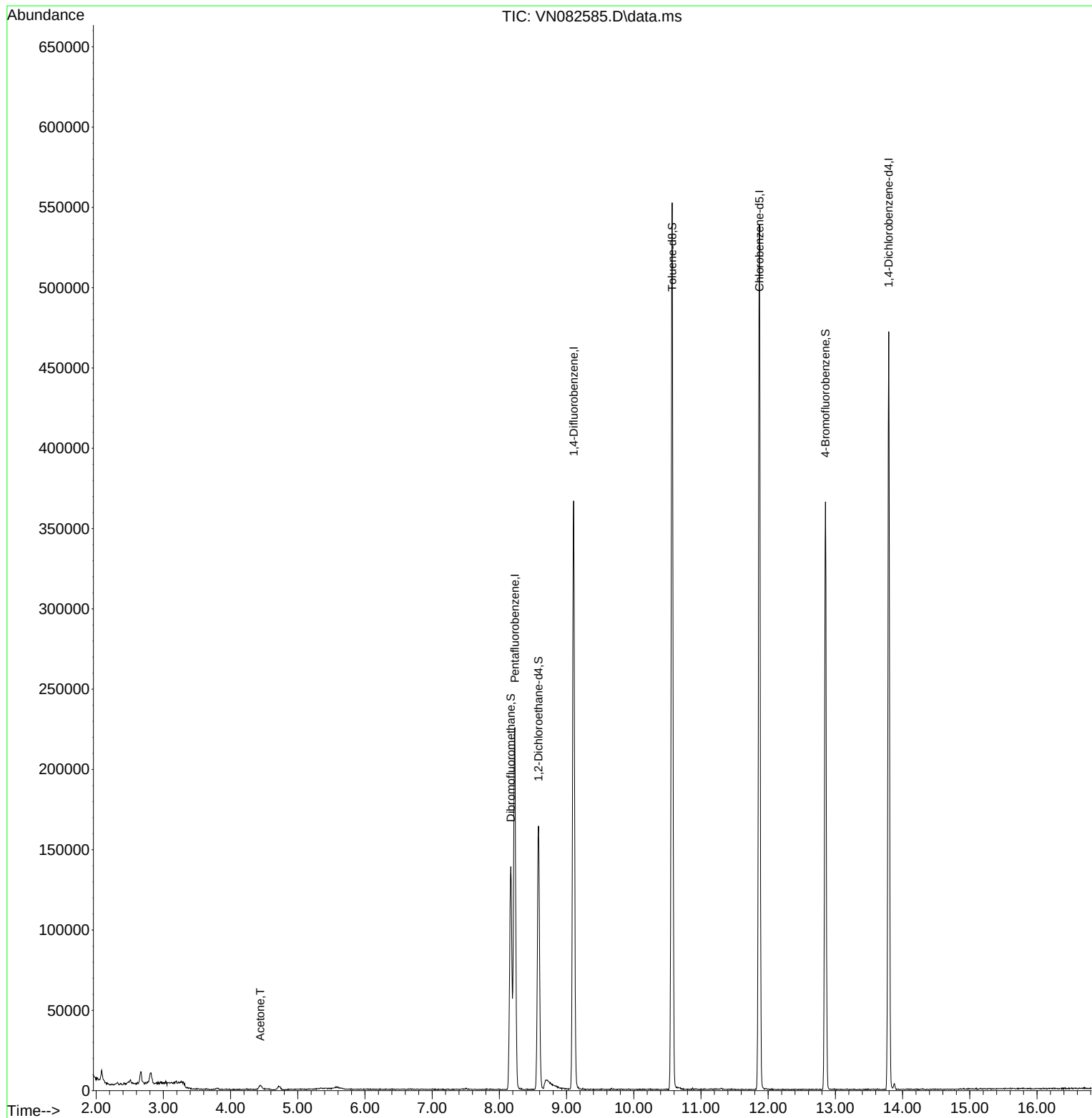
Internal Standards						
1) Pentafluorobenzene	8.229	168	153040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	284420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133260	55.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.280%
35) Dibromofluoromethane	8.171	113	98380	55.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.180%
50) Toluene-d8	10.570	98	353334	51.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.853	95	115893	47.429	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.860%
Target Compounds						
						Qvalue
16) Acetone	4.441	43	5917	5.969	ug/l #	77

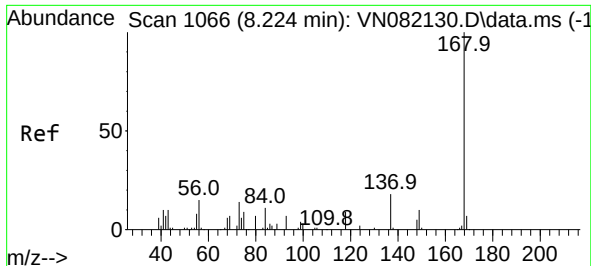
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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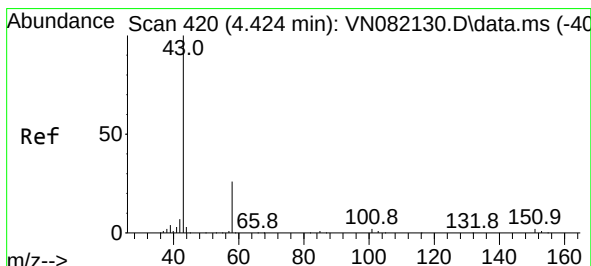
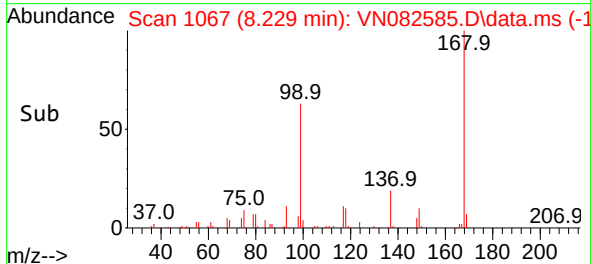
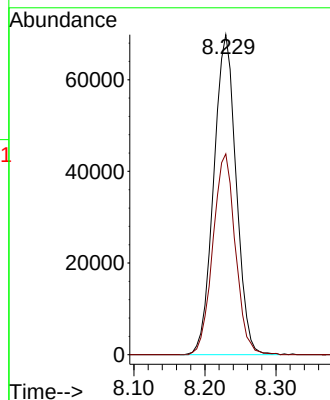
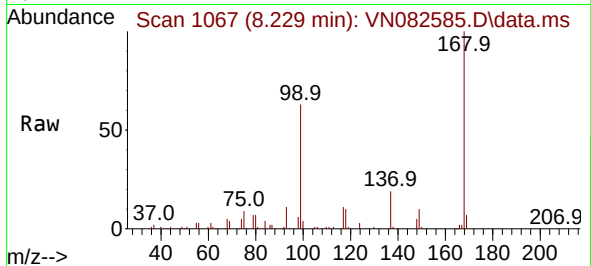




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

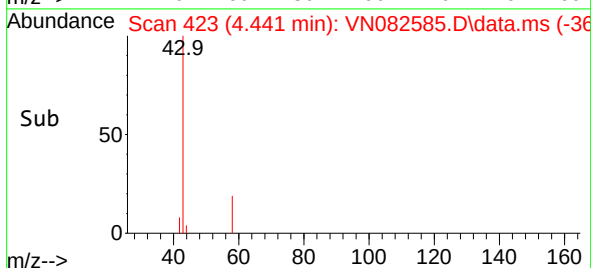
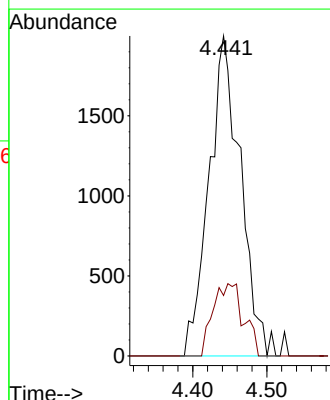
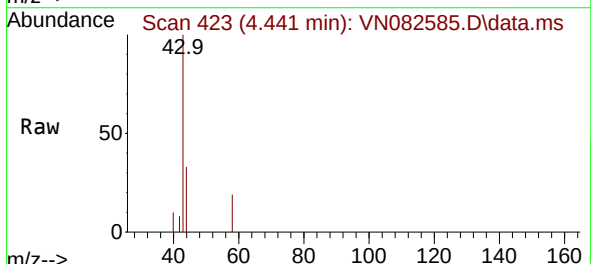
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-440-442

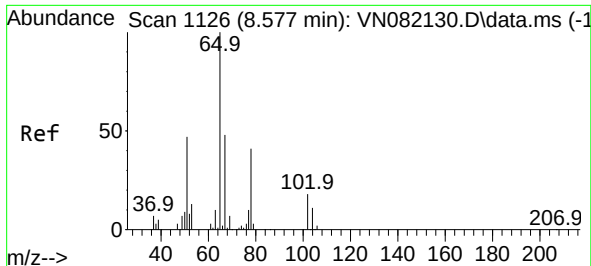
Tgt Ion:168 Resp: 153040
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#16
Acetone
Concen: 5.969 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Tgt Ion: 43 Resp: 5917
Ion Ratio Lower Upper
43 100
58 18.9 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 55.145 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

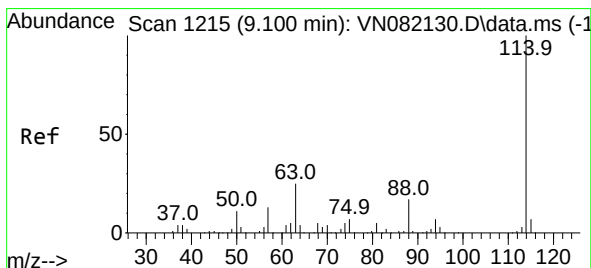
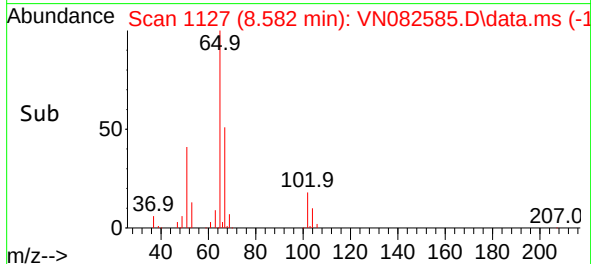
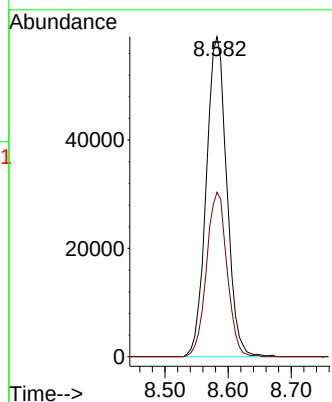
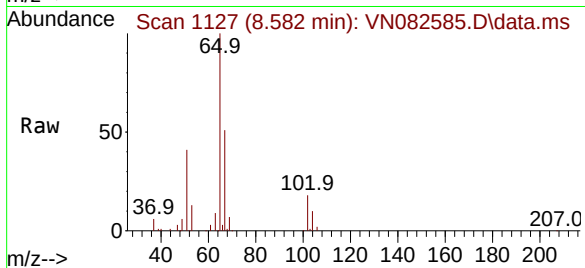
BP-VPB-196-GW-440-442

Tgt Ion: 65 Resp: 133260

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082585.D

Acq: 14 Jun 2024 16:03

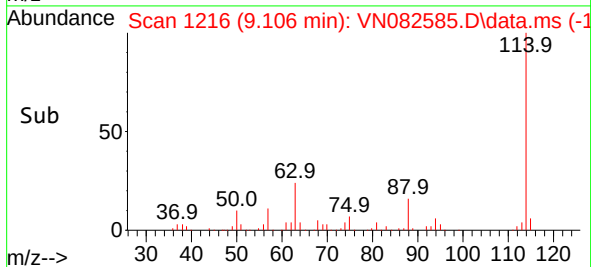
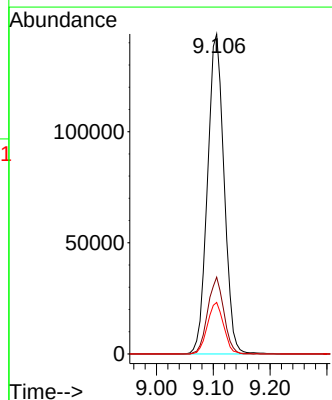
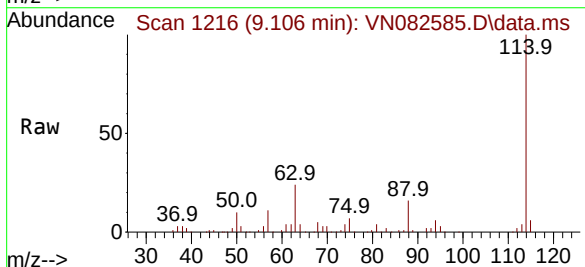
Tgt Ion: 114 Resp: 290277

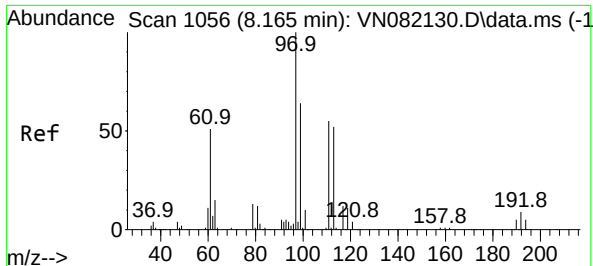
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.1 0.0 31.4

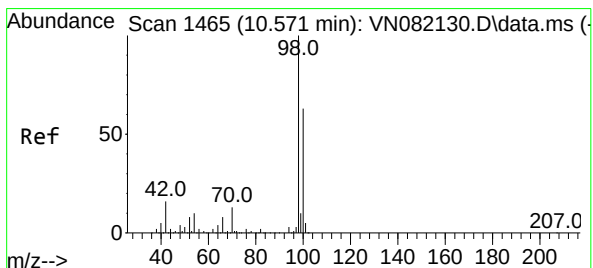
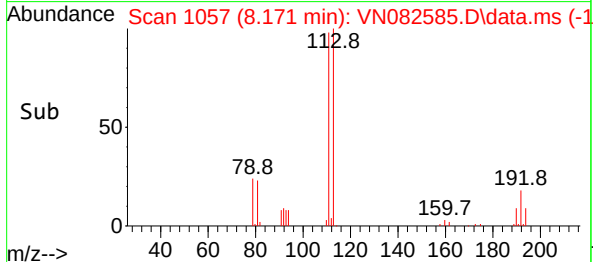
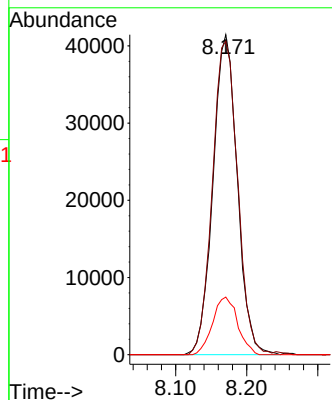
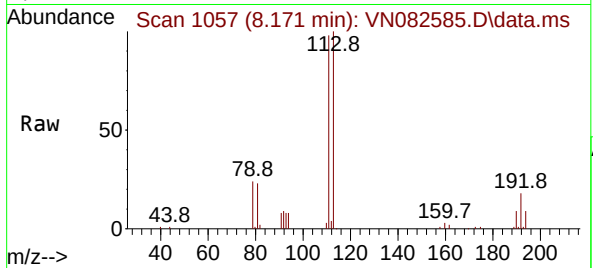




#35
Dibromofluoromethane
Concen: 55.095 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

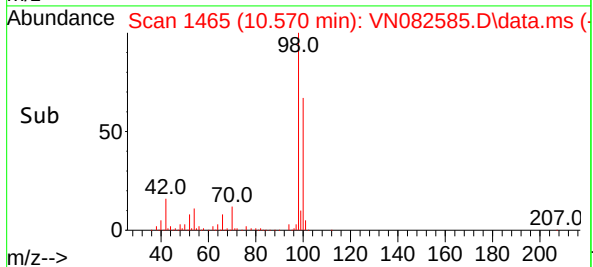
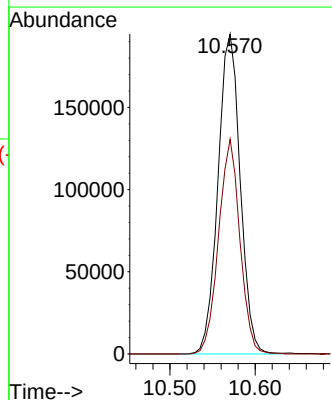
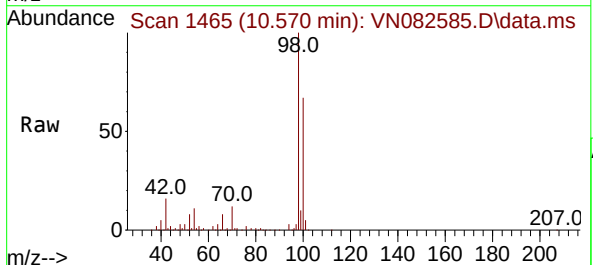
Instrument :
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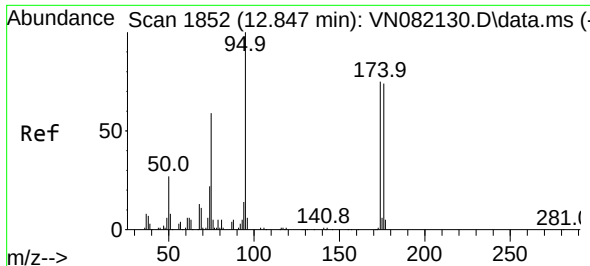
Tgt Ion:113 Resp: 98380
Ion Ratio Lower Upper
113 100
111 101.3 83.4 125.2
192 18.5 14.0 21.0



#50
Toluene-d8
Concen: 51.611 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

Tgt Ion: 98 Resp: 353334
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

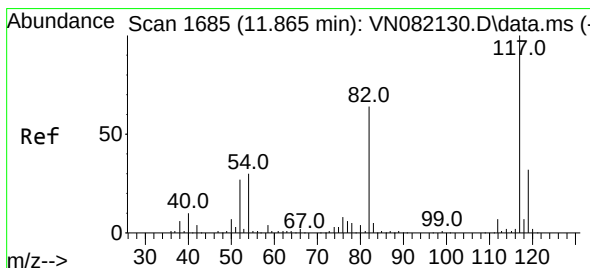
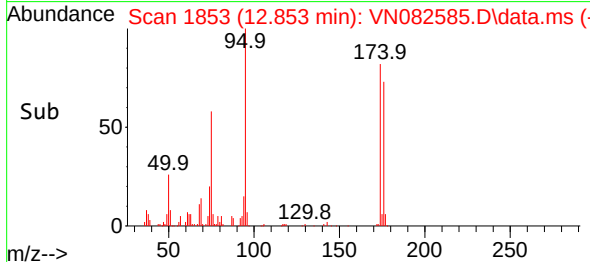
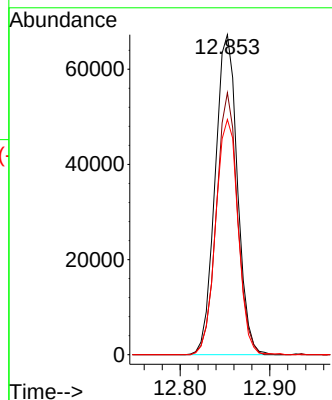
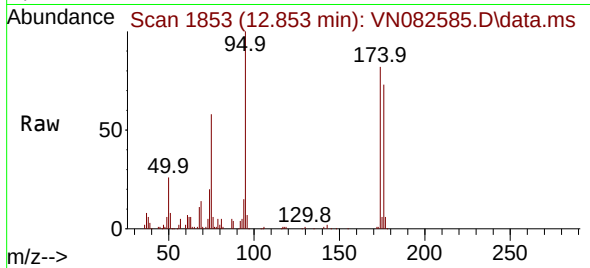




#62
4-Bromofluorobenzene
Concen: 47.429 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

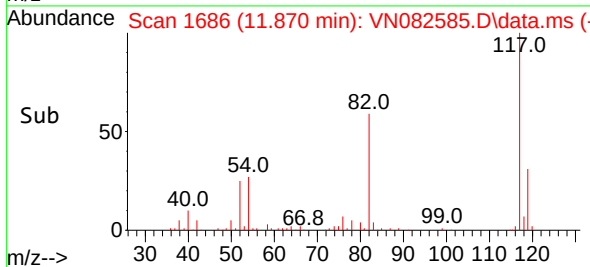
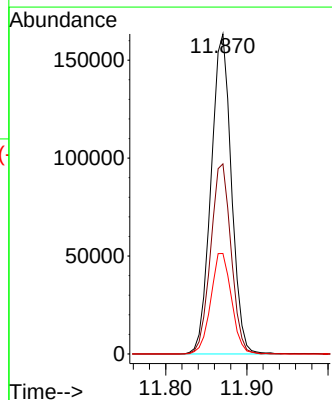
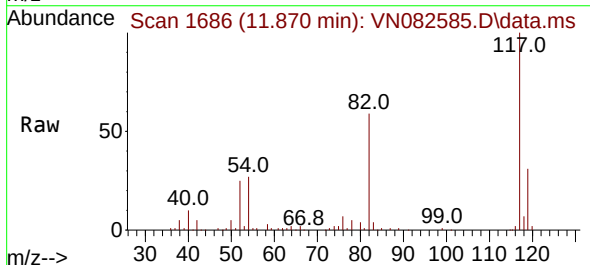
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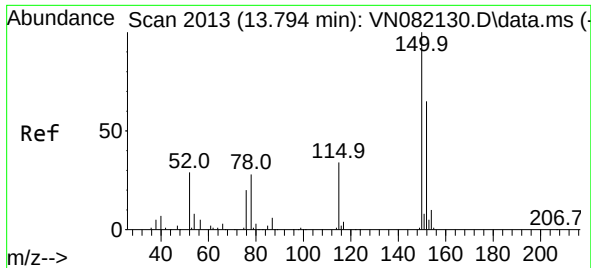
Tgt Ion: 95 Resp: 115893
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.6
176 73.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082585.D
Acq: 14 Jun 2024 16:03

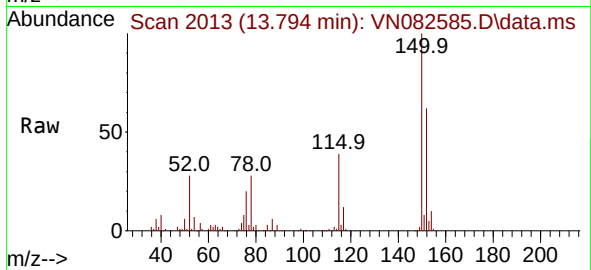
Tgt Ion: 117 Resp: 284420
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082585.D
 Acq: 14 Jun 2024 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-440-442



Tgt Ion:152 Resp: 115759
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.4 91.3
 150 159.5 0.0 353.2

