

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075819.D
 Acq On : 15 Dec 2022 15:47
 Operator : JC\MD
 Sample : N6004-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-12092022

Quant Time: Dec 16 03:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	356353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	181571	46.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.680%
35) Dibromofluoromethane	8.177	113	163658	47.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	10.571	98	631327	49.290	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.853	95	189394	44.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%

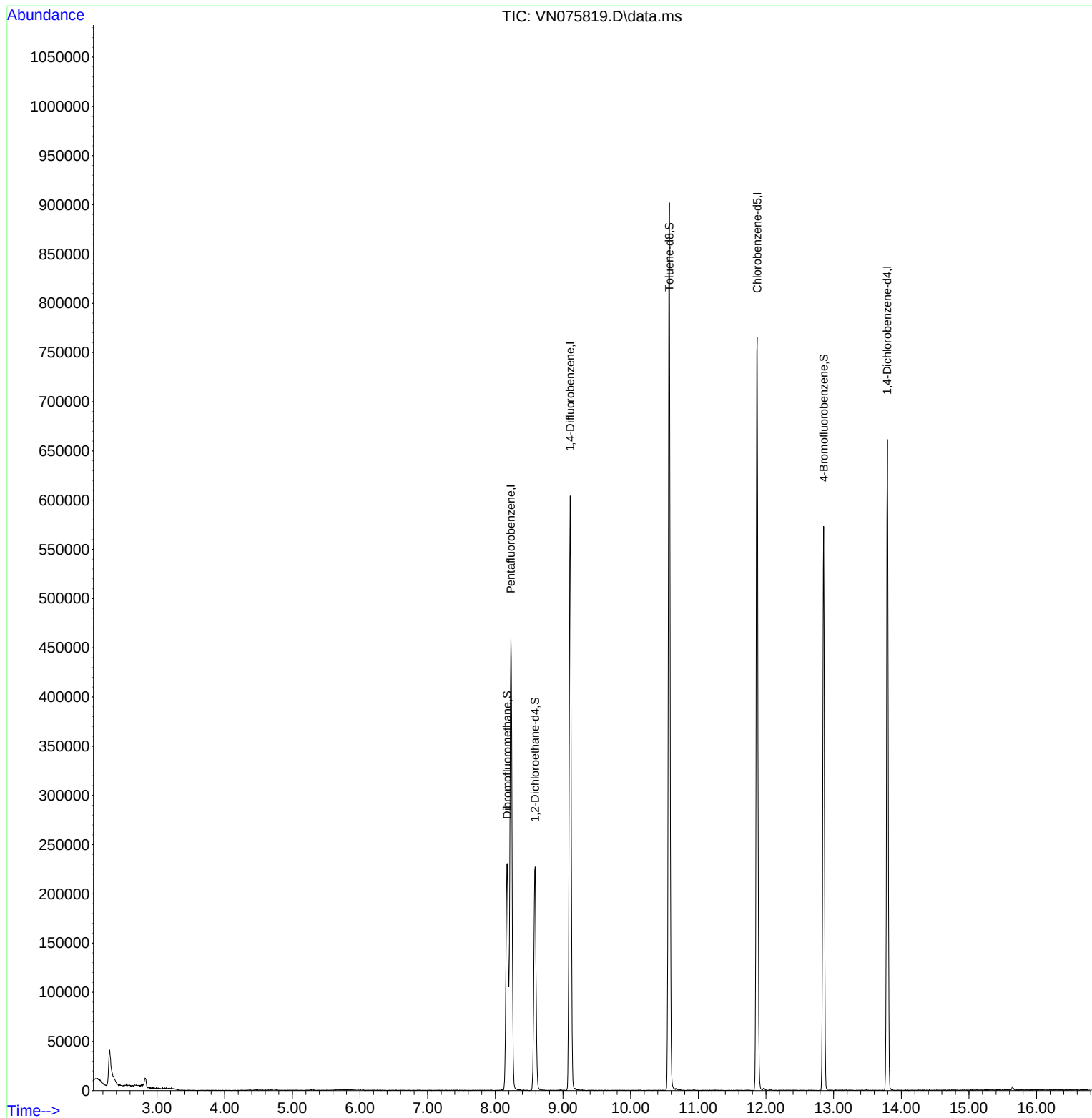
Target Compounds	Qvalue

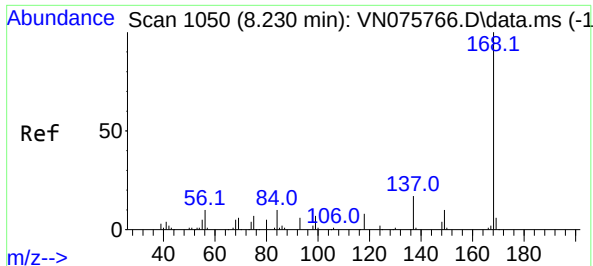
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.001 min

Lab File: VN075819.D

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MSVOA_N

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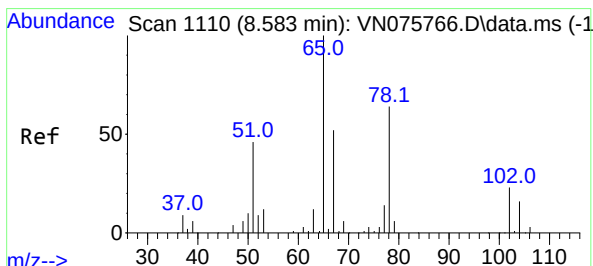
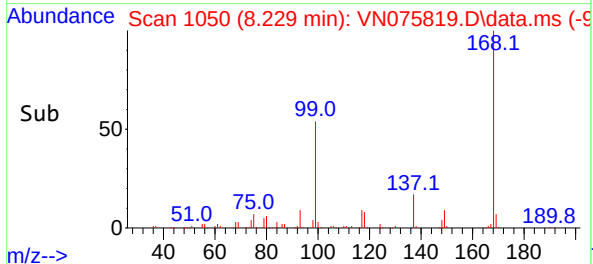
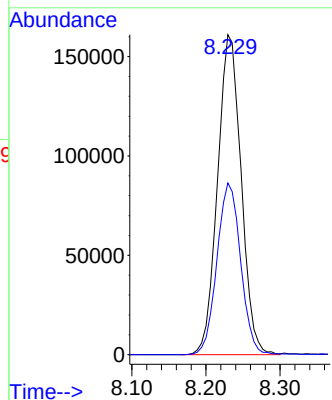
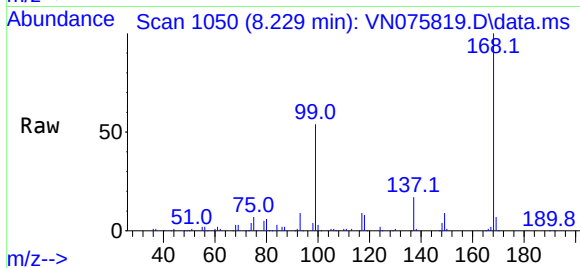
TB02-12092022

Tgt Ion:168 Resp: 356353

Ion Ratio Lower Upper

168 100

99 53.7 44.2 66.4



1,2-Dichloroethane-d4

Concen: 46.835 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075819.D

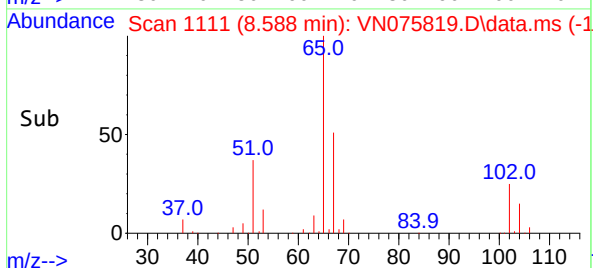
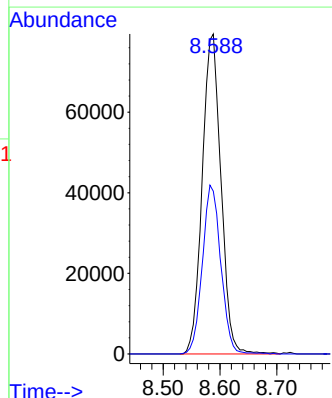
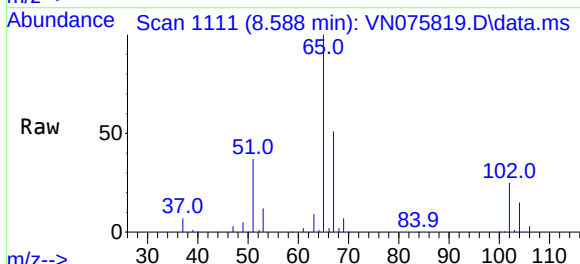
Acq: 15 Dec 2022 15:47

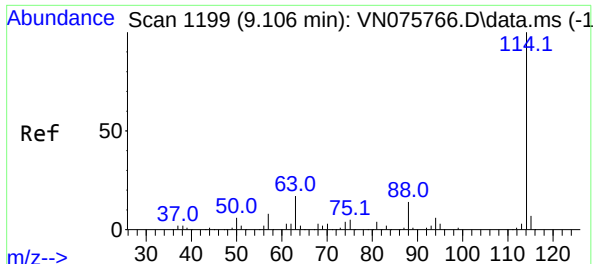
Tgt Ion: 65 Resp: 181571

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4

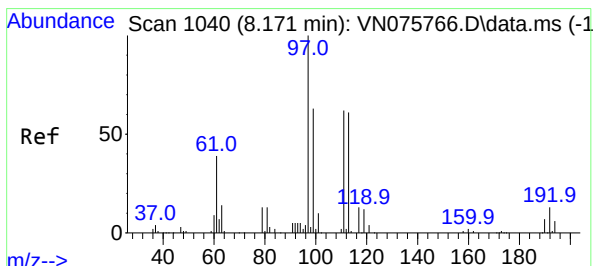
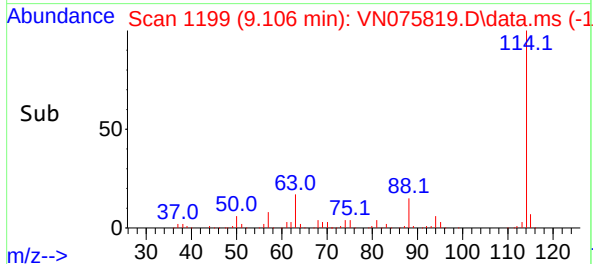
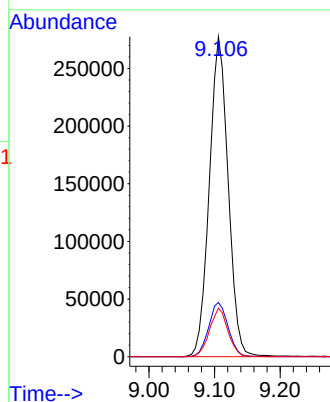
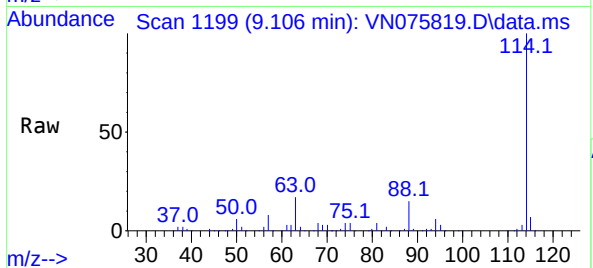




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

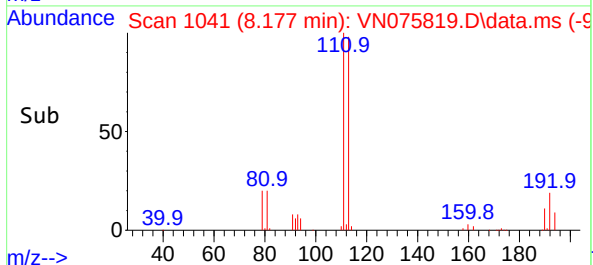
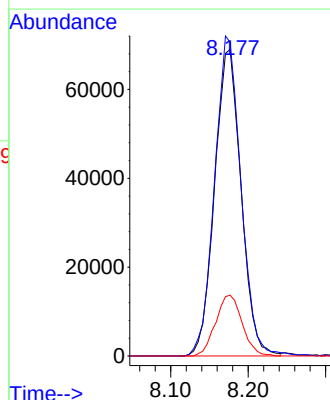
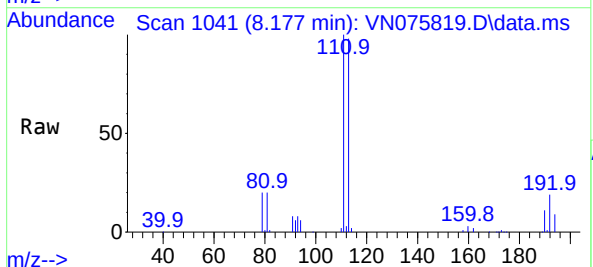
Instrument :
MSVOA_N
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TB02-12092022

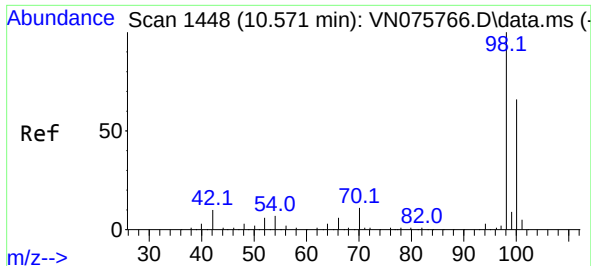
Tgt Ion:114 Resp: 553179
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.4
88 15.2 0.0 28.8



#35
Dibromofluoromethane
Concen: 47.773 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion:113 Resp: 163658
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 19.9 16.1 24.1

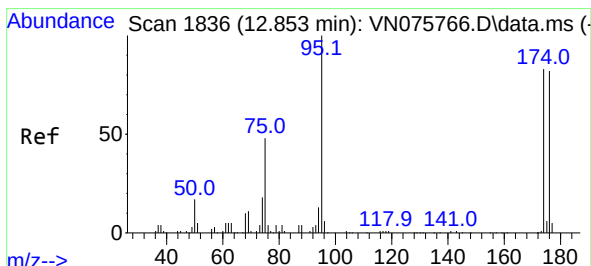
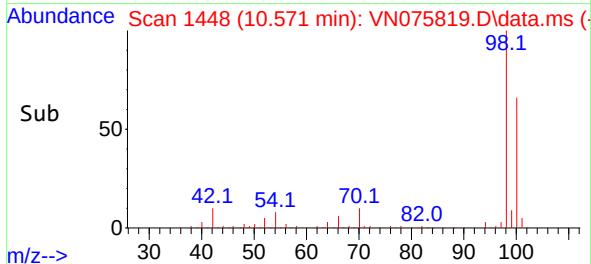
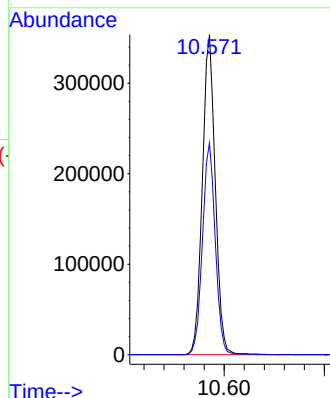
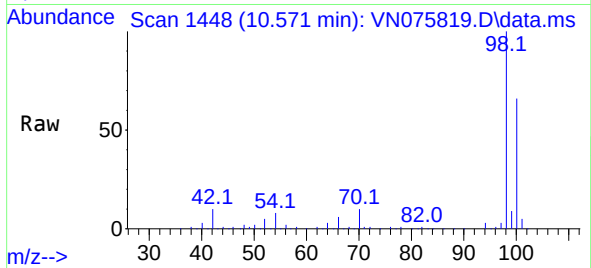




#50
Toluene-d8
Concen: 49.290 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

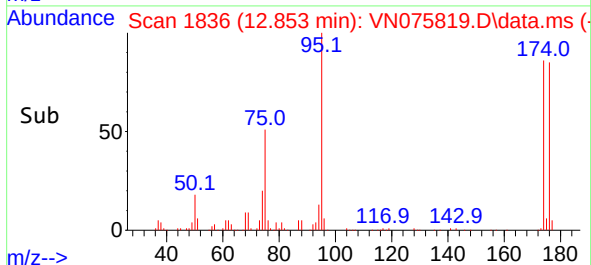
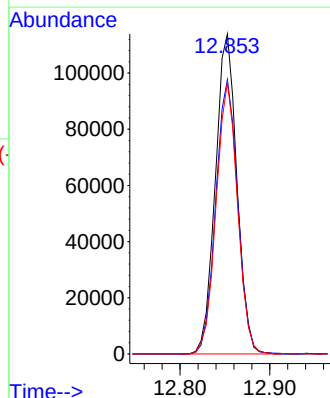
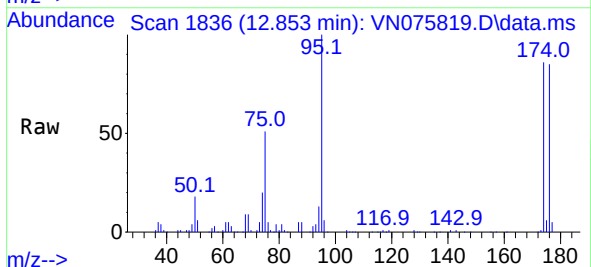
Instrument :
MSVOA_N
ClientSampleId :
TB02-12092022

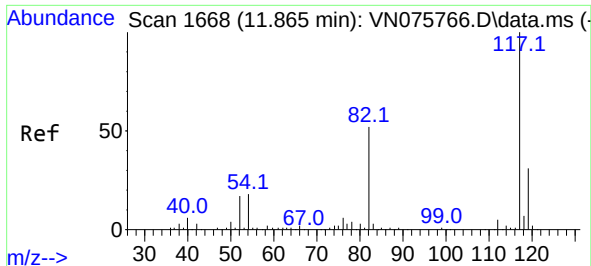
Tgt Ion: 98 Resp: 631327
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.644 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion: 95 Resp: 189394
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.2 0.0 169.2

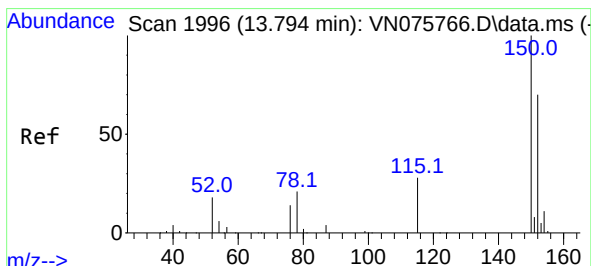
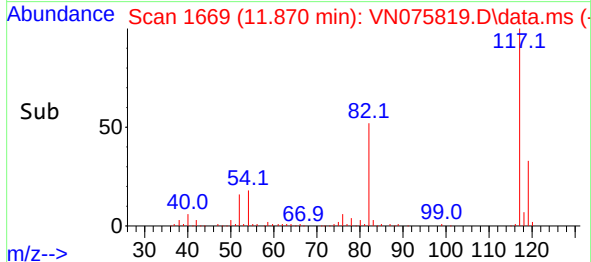
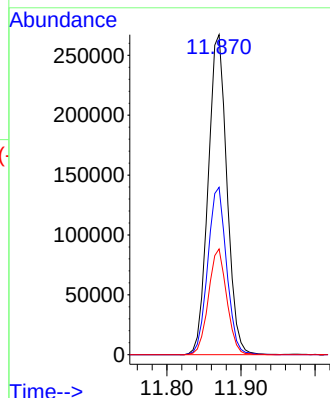
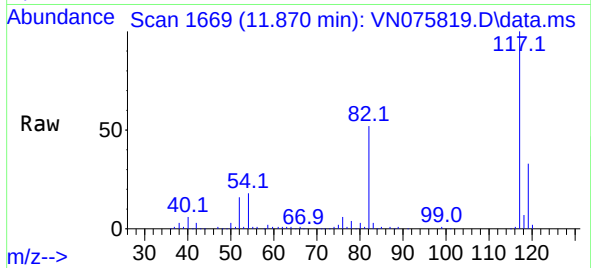




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Instrument :
MSVOA_N
ClientSampleId :
TB02-12092022

Tgt Ion:117 Resp: 469914
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 33.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075819.D
Acq: 15 Dec 2022 15:47

Tgt Ion:152 Resp: 185956
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.4
150 160.1 0.0 347.0

