

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082989.D
 Acq On : 19 Jul 2024 15:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 22 02:06:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

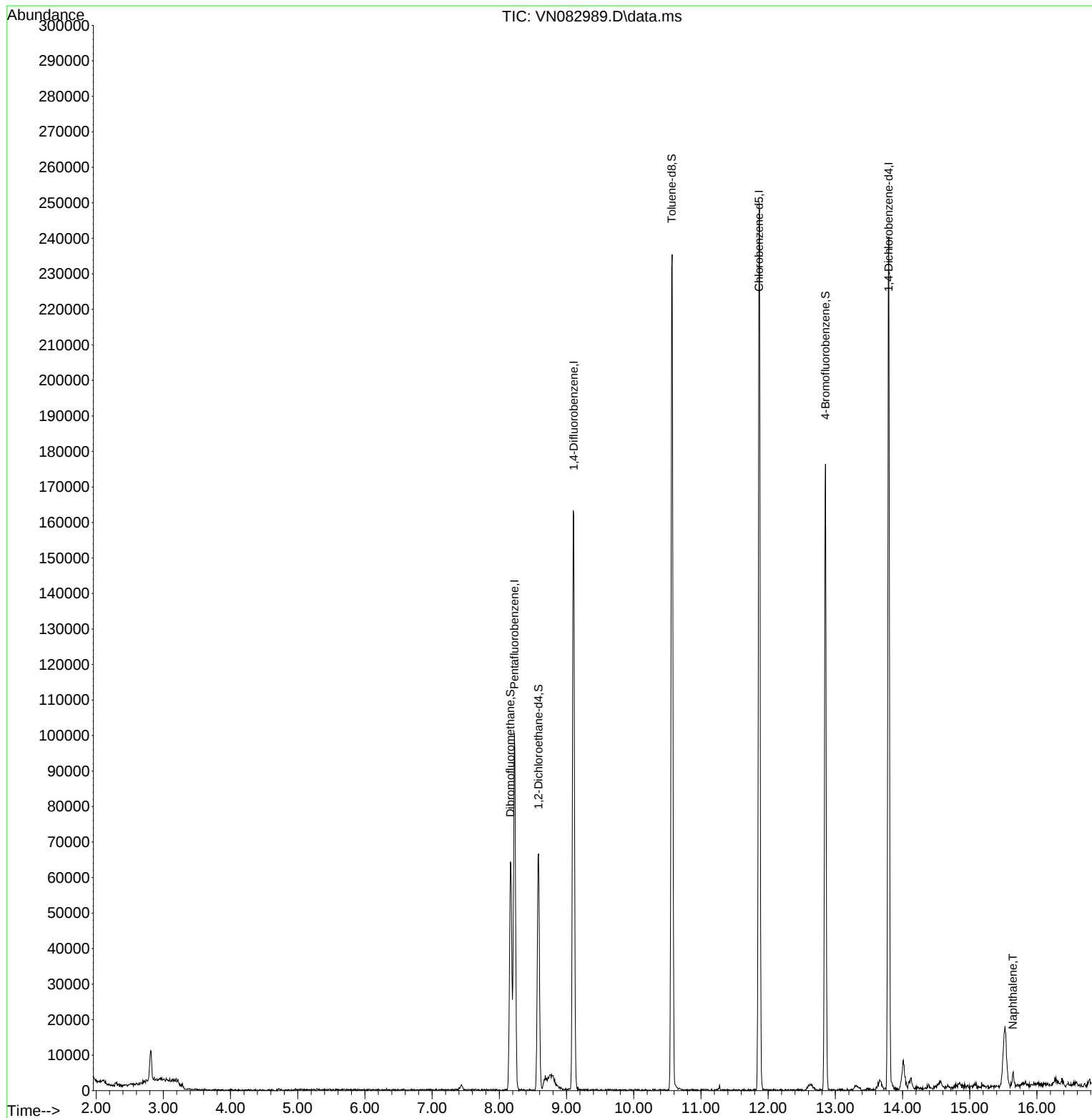
Internal Standards						
1) Pentafluorobenzene	8.224	168	69323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	139339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	141477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55763	57.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.760%
35) Dibromofluoromethane	8.165	113	46657	52.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.565	98	162512	49.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.853	95	54482	45.929	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.860%
Target Compounds						
95) Naphthalene	15.641	128	3189	0.830	ug/l	Qvalue # 93

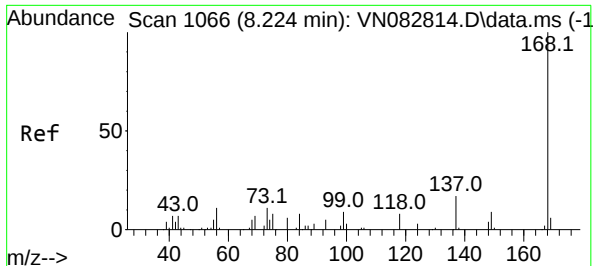
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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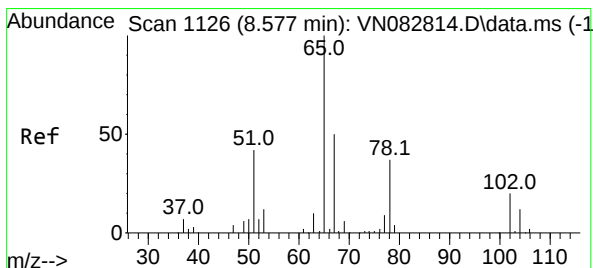
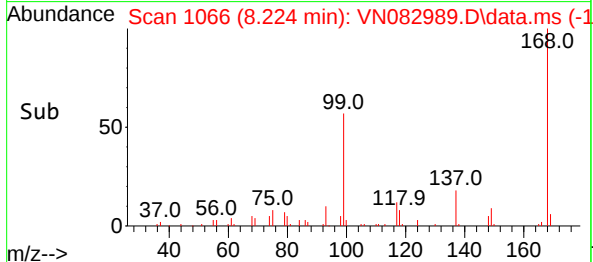
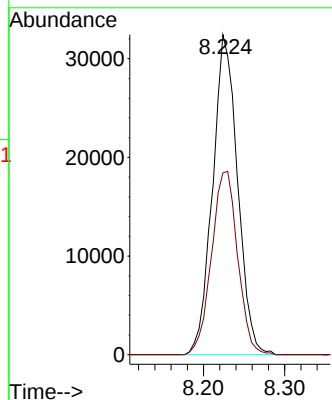
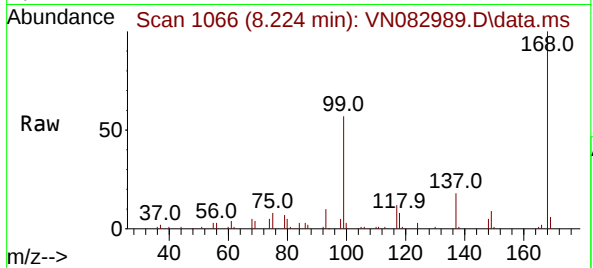




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

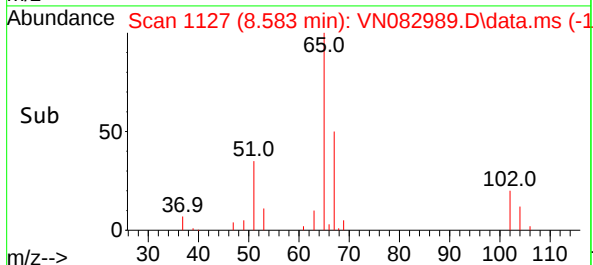
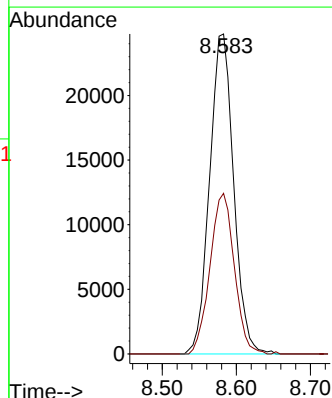
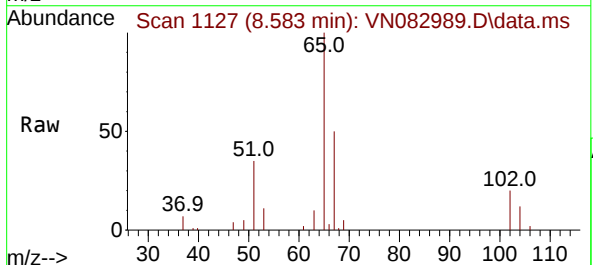
Instrument :
MSVOA_N
ClientSampleId :
IBLK

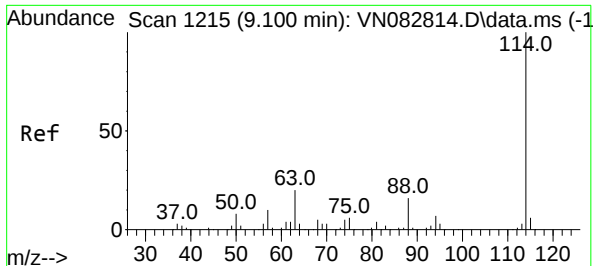
Tgt Ion:168 Resp: 69323
Ion Ratio Lower Upper
168 100
99 56.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.383 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion: 65 Resp: 55763
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

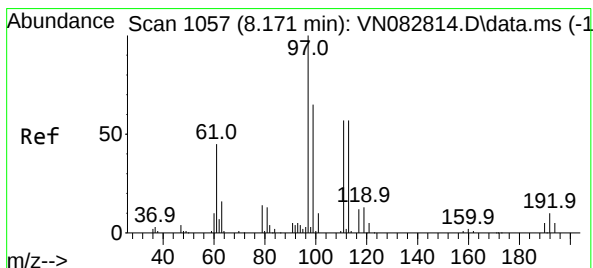
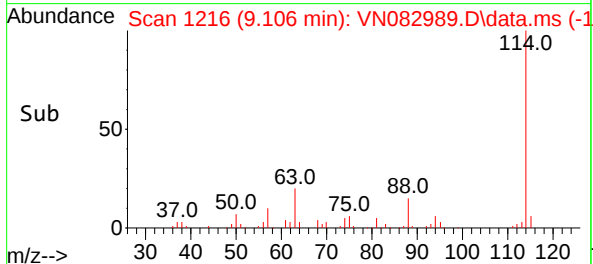
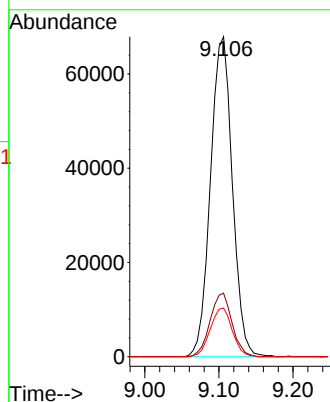
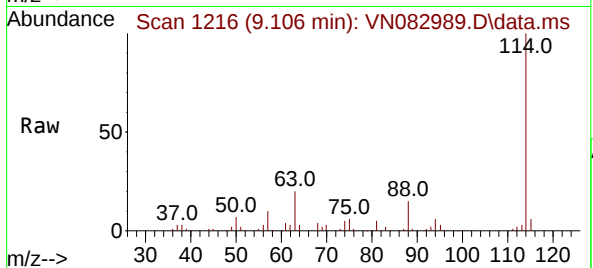




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

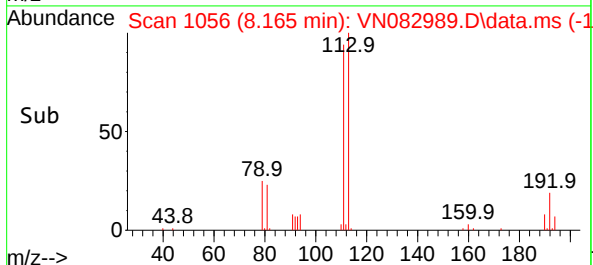
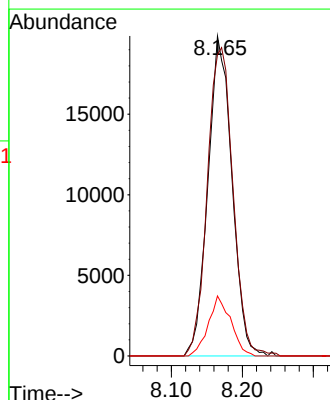
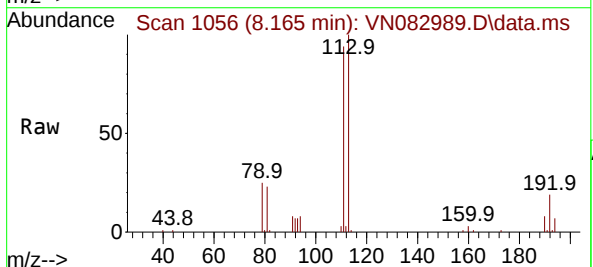
Instrument :
MSVOA_N
ClientSampleId :
IBLK

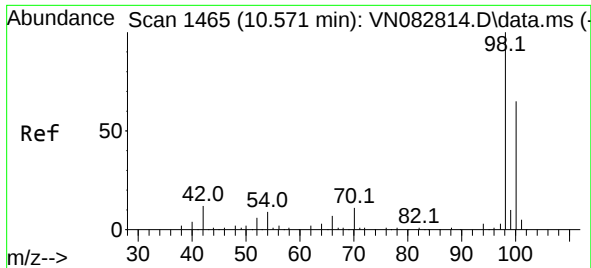
Tgt Ion:114 Resp: 139339
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.183 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion:113 Resp: 46657
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 17.5 14.9 22.3

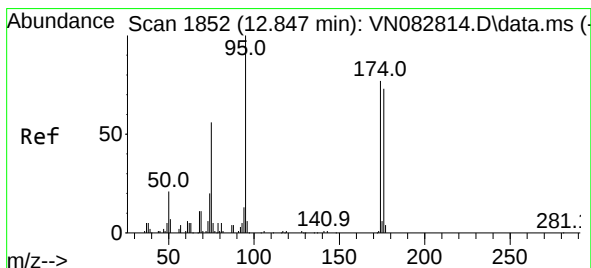
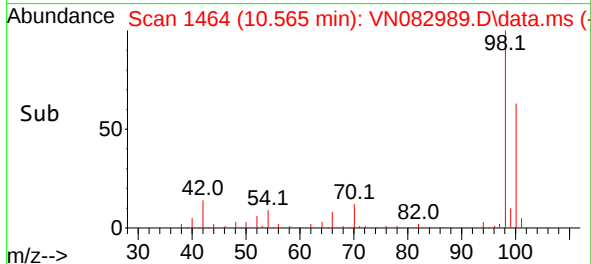
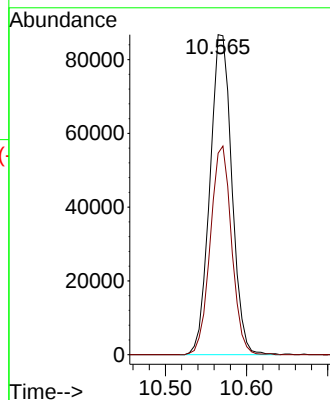
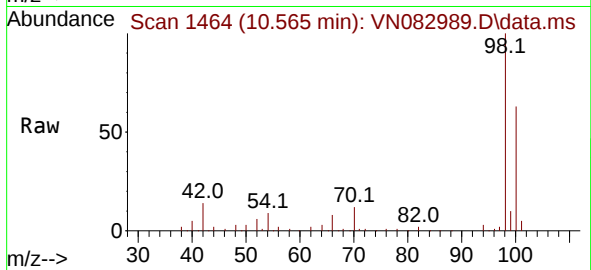




#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

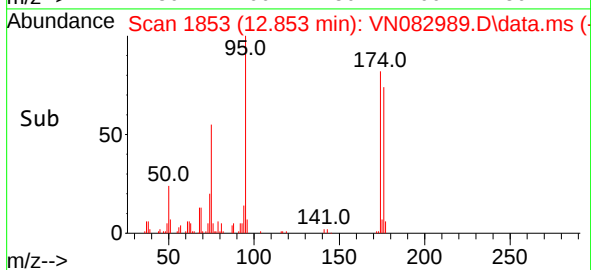
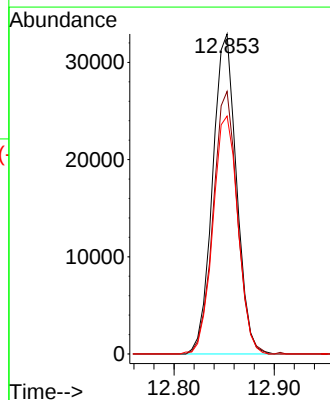
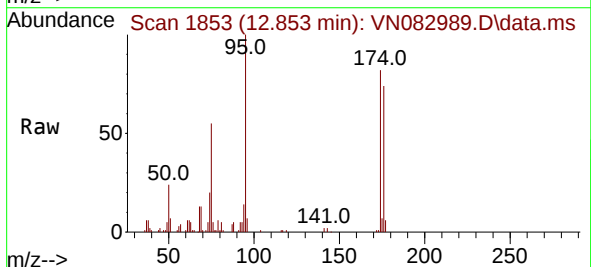
Instrument :
MSVOA_N
ClientSampleId :
IBLK

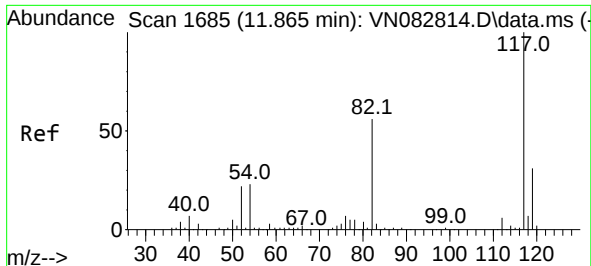
Tgt Ion: 98 Resp: 162512
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.929 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion: 95 Resp: 54482
Ion Ratio Lower Upper
95 100
174 82.9 0.0 159.2
176 78.0 0.0 147.6

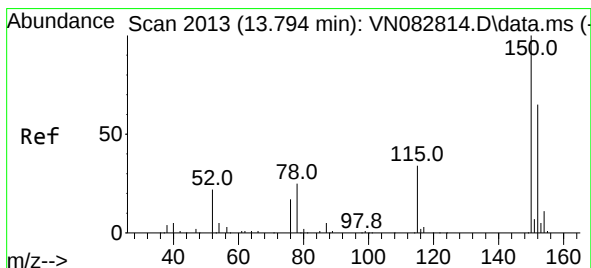
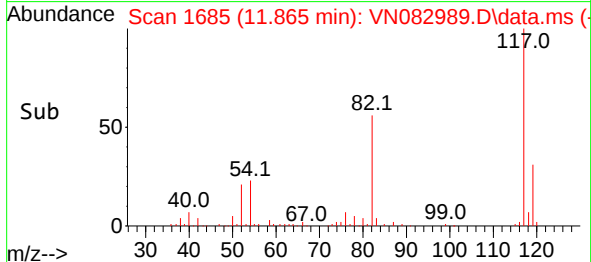
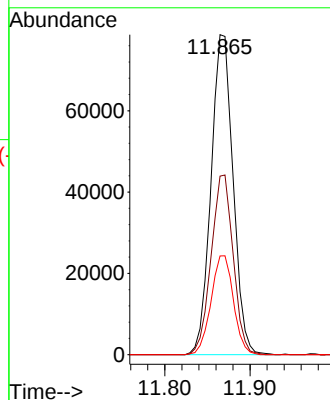
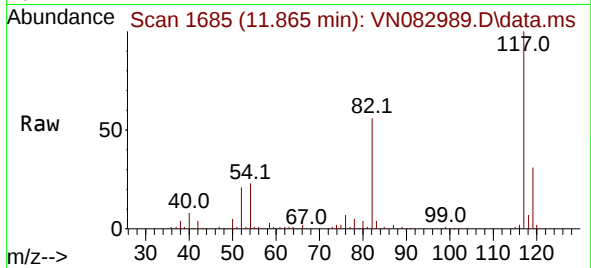




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

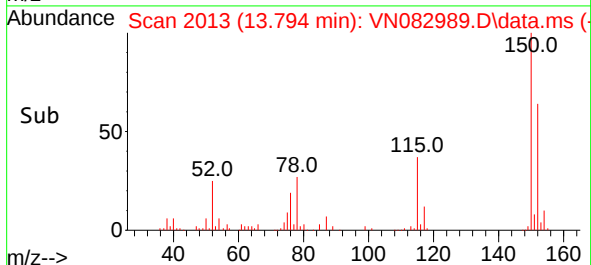
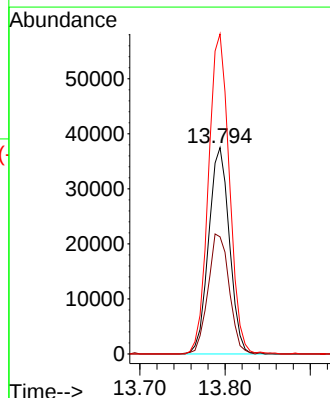
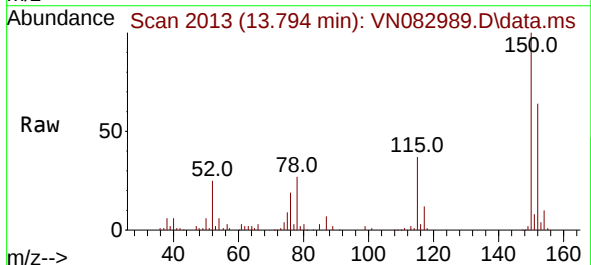
Instrument :
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ClientSampleId :
IBLK

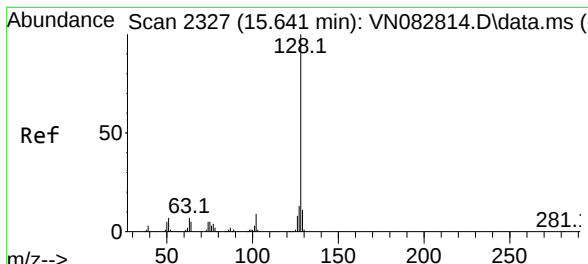
Tgt Ion:117 Resp: 141477
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082989.D
Acq: 19 Jul 2024 15:22

Tgt Ion:152 Resp: 63310
Ion Ratio Lower Upper
152 100
115 59.5 30.6 91.6
150 156.0 0.0 348.6





#95
 Naphthalene
 Concen: 0.830 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082989.D
 Acq: 19 Jul 2024 15:22

Instrument :
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 ClientSampleId :
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Tgt Ion:	128	Resp:	3189
Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.6	16.0
129	7.1	8.6	12.8#

