

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081063.D
 Acq On : 16 Feb 2024 19:18
 Operator : JC\MD
 Sample : P1519-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Feb 16 23:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	346644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	660781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	562309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182772	43.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.040%
35) Dibromofluoromethane	8.171	113	152331	40.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.540%
50) Toluene-d8	10.570	98	510281	38.451	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	76.900%#
62) 4-Bromofluorobenzene	12.853	95	186359	37.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.740%#

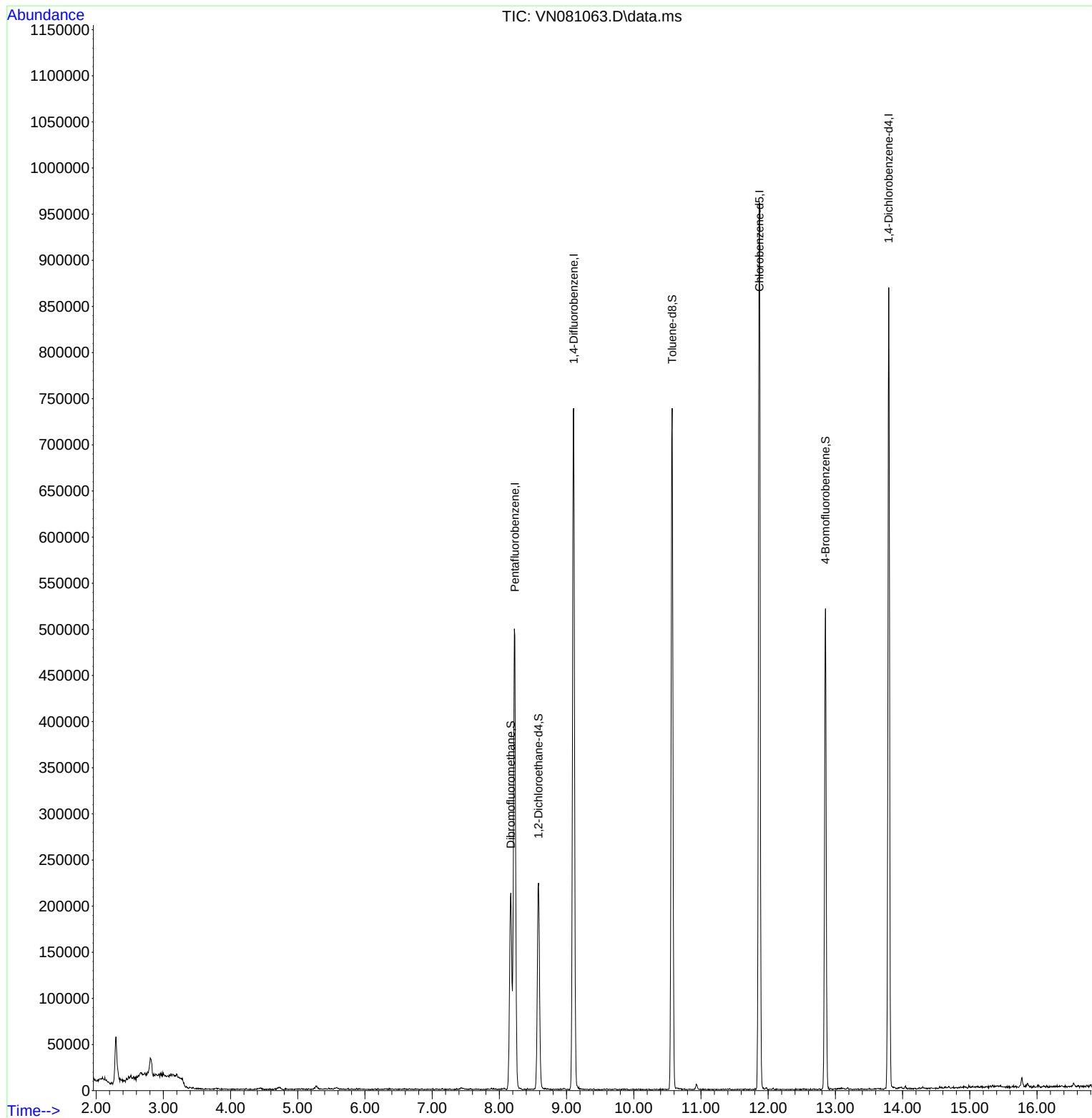
Target Compounds	Qvalue

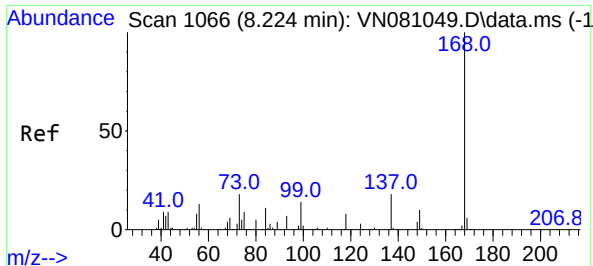
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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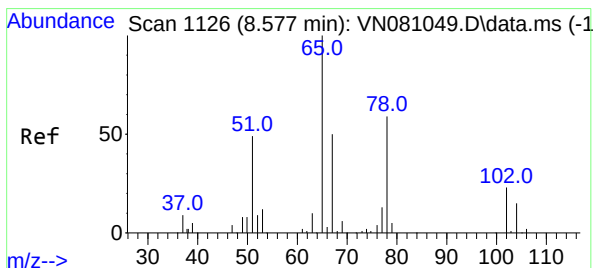
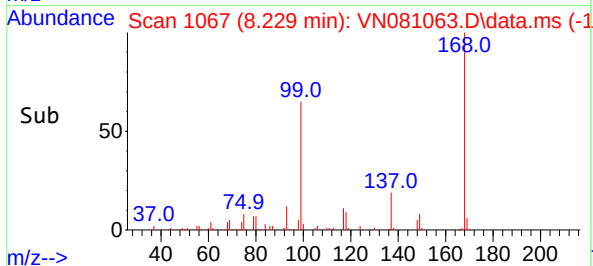
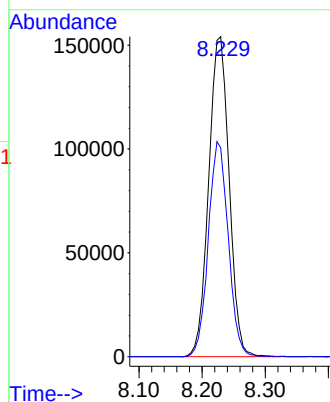
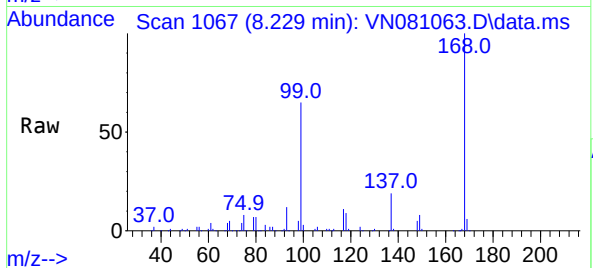




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

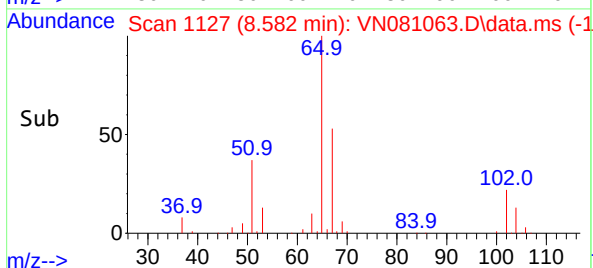
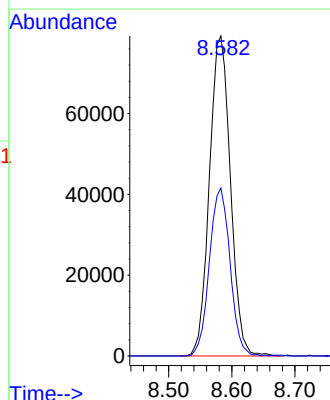
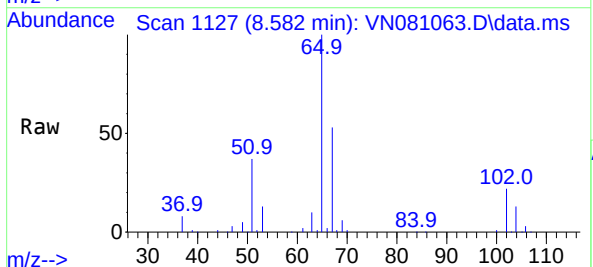
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

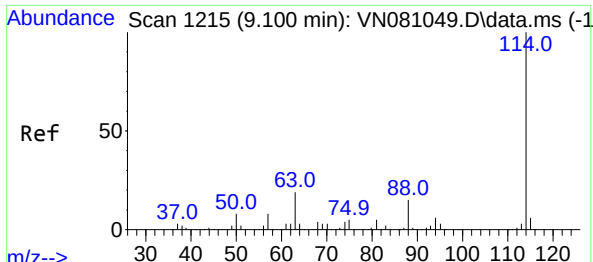
Tgt Ion:168 Resp: 346644
Ion Ratio Lower Upper
168 100
99 65.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 43.016 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion: 65 Resp: 182772
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

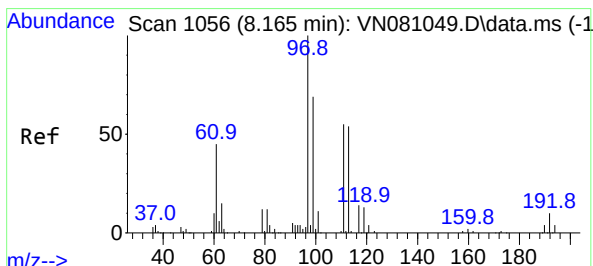
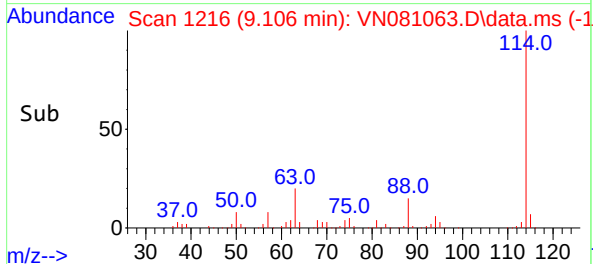
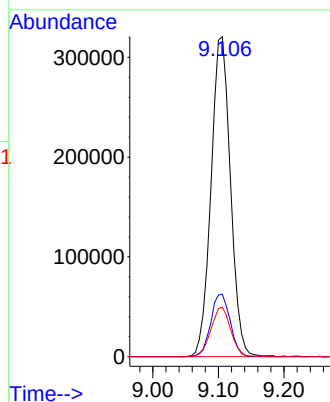
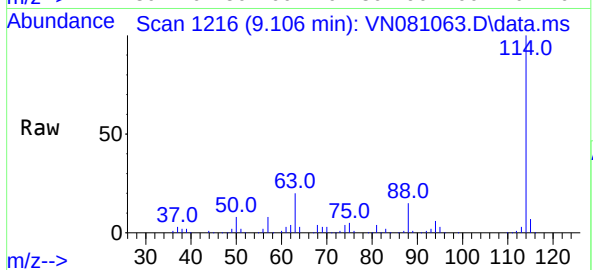




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

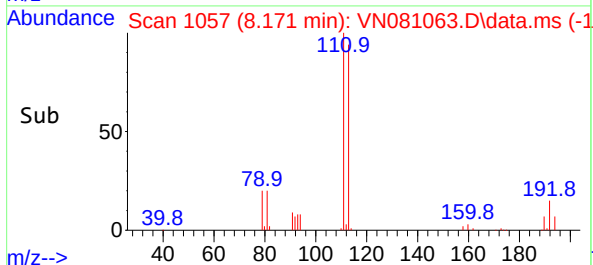
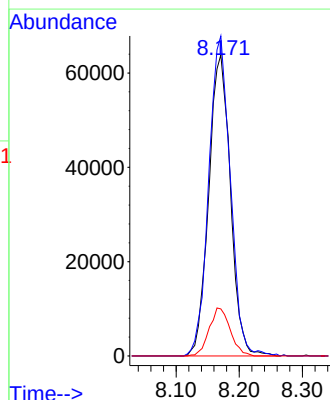
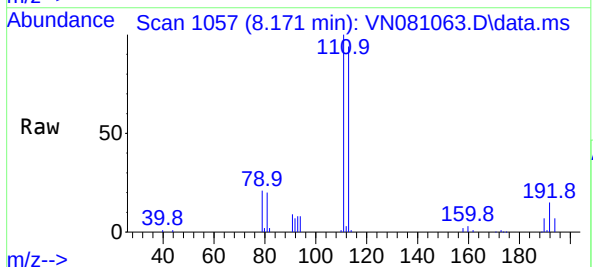
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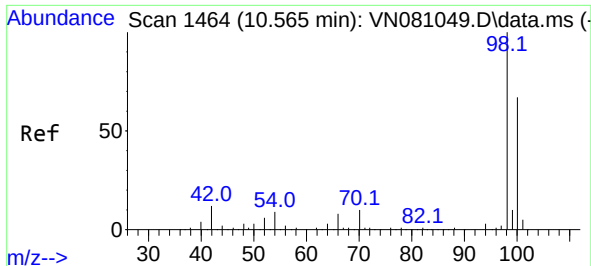
Tgt Ion:114 Resp: 660781
Ion Ratio Lower Upper
114 100
63 19.6 0.0 48.0
88 15.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 40.768 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion:113 Resp: 152331
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 15.5 12.5 18.7

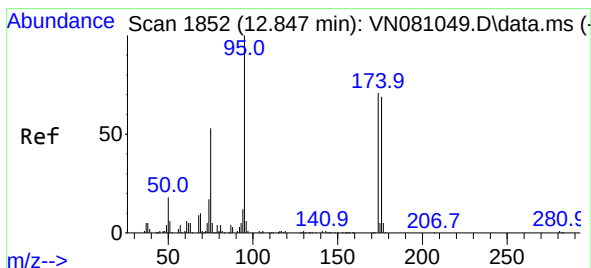
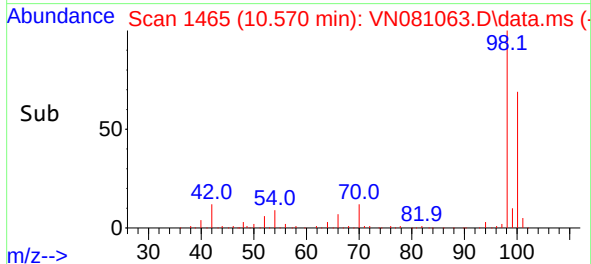
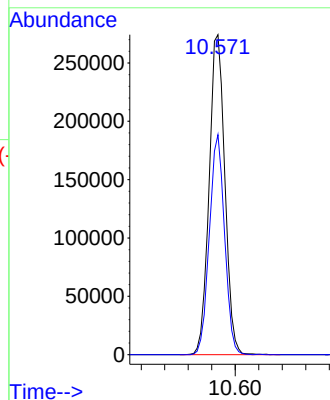
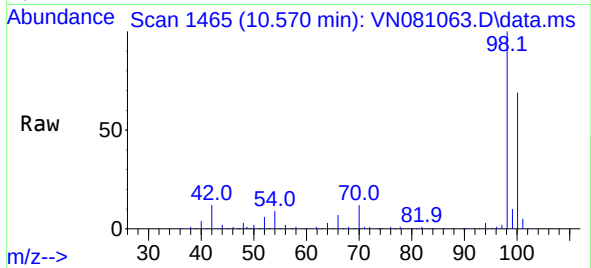




#50
Toluene-d8
Concen: 38.451 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

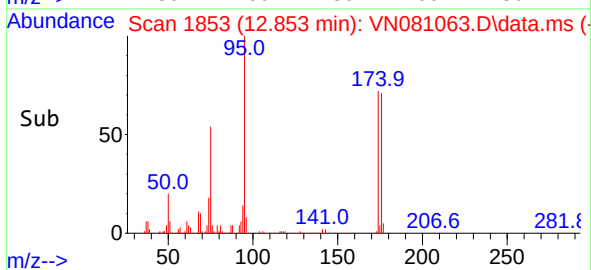
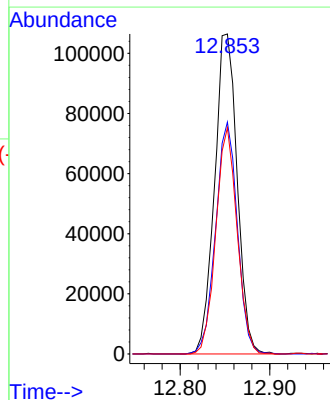
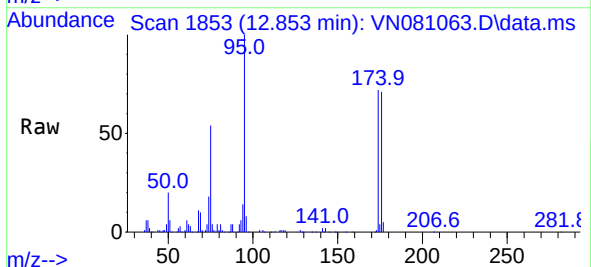
Instrument :
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ClientSampleId :
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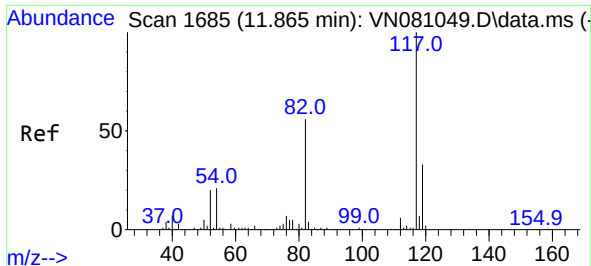
Tgt Ion: 98 Resp: 510281
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 37.372 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion: 95 Resp: 186359
Ion Ratio Lower Upper
95 100
174 69.6 0.0 120.4
176 66.3 0.0 121.0

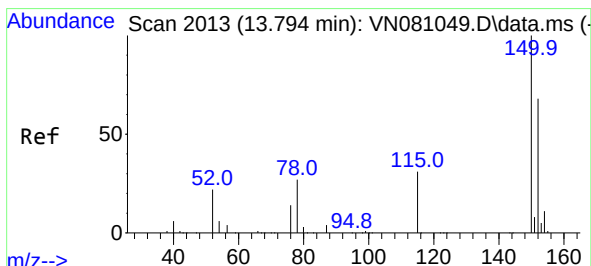
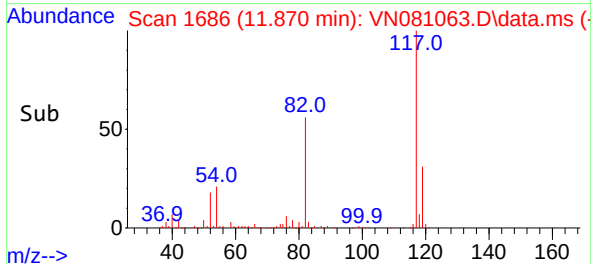
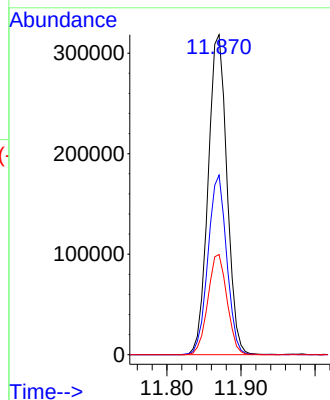
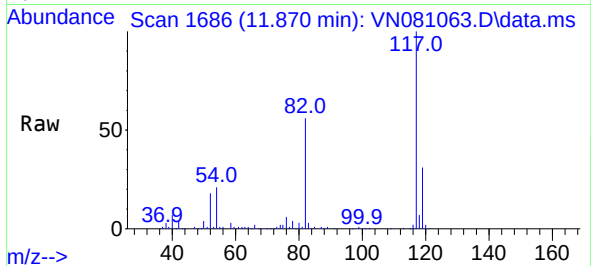




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:	117	Resp:	562309
Ion	Ratio	Lower	Upper
117	100		
82	56.1	52.7	79.1
119	31.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081063.D
Acq: 16 Feb 2024 19:18

Tgt Ion:	152	Resp:	222171
Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.3	96.8
150	159.9	0.0	339.8

