

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081345.D
 Acq On : 08 Mar 2024 14:38
 Operator : JC\MD
 Sample : P1717-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Mar 09 00:57:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	298707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222127	51.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.860%
35) Dibromofluoromethane	8.171	113	172780	51.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.900%
50) Toluene-d8	10.571	98	643620	51.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.853	95	206293	46.944	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.880%

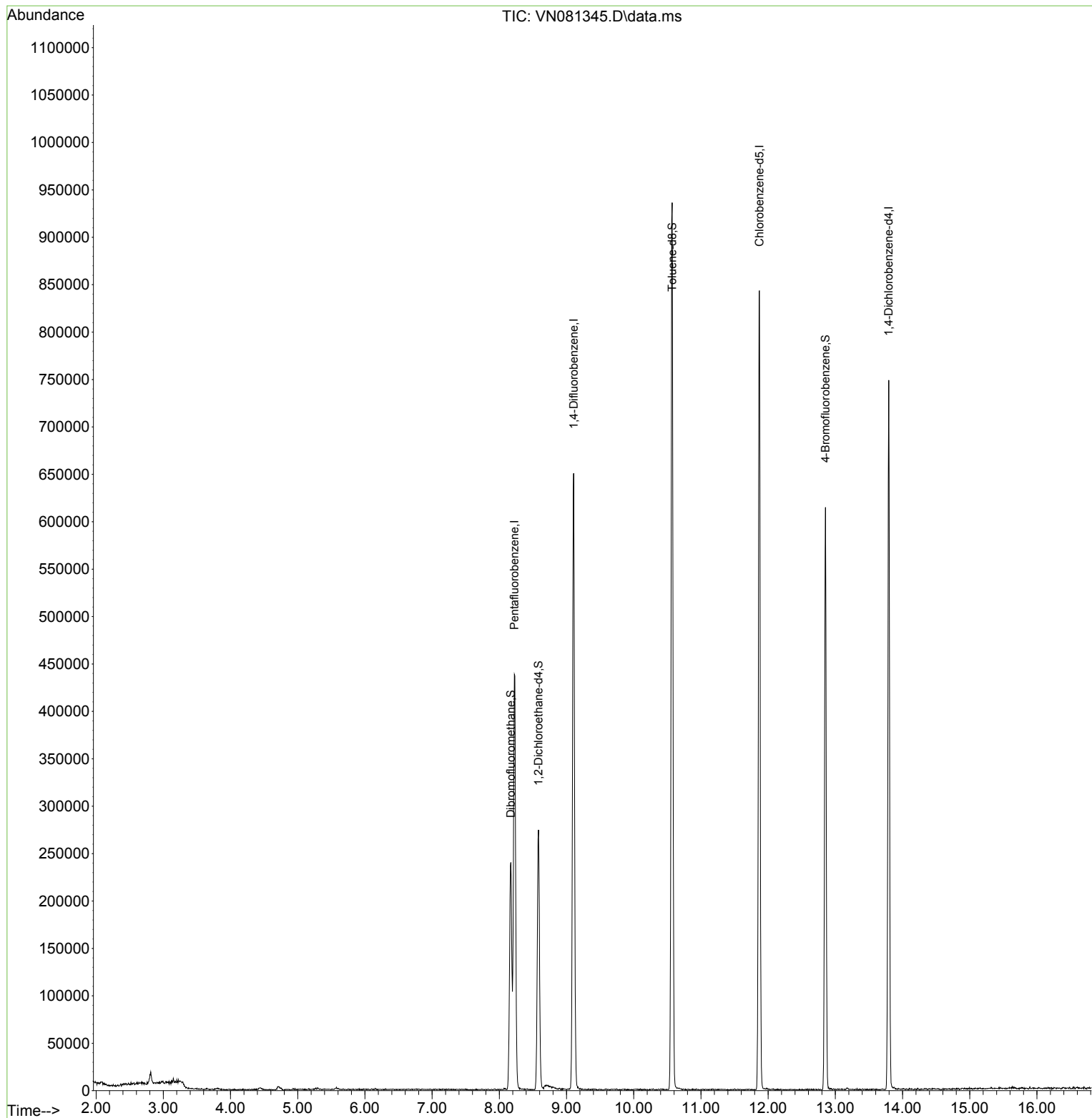
Target Compounds	Qvalue

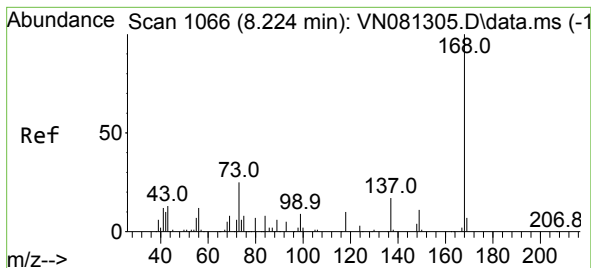
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081345.D

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Instrument :

MSVOA_N

ClientSampleId :

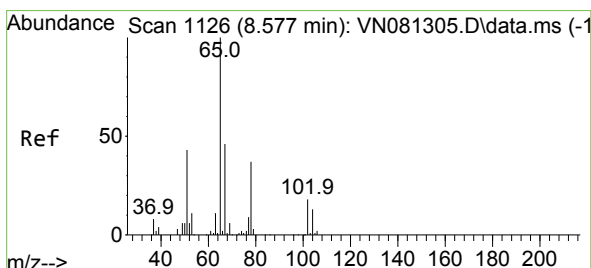
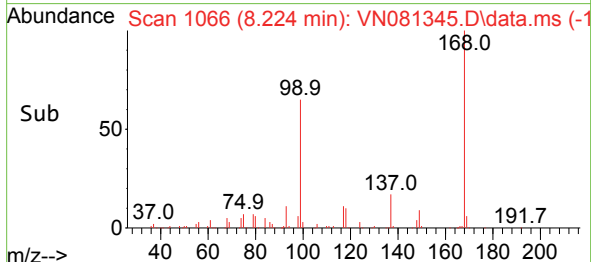
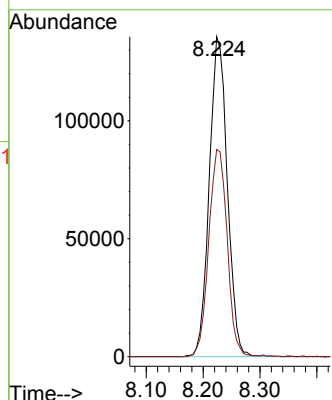
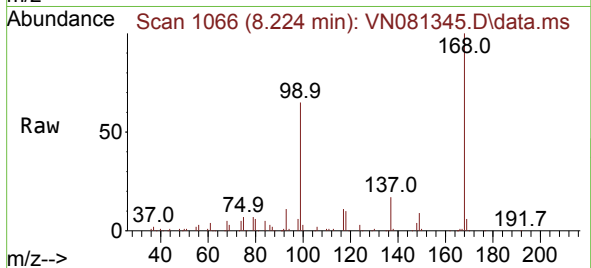
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 298707

Ion Ratio Lower Upper

168 100

99 64.7 59.9 89.9



#33

1,2-Dichloroethane-d4

Concen: 51.431 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081345.D

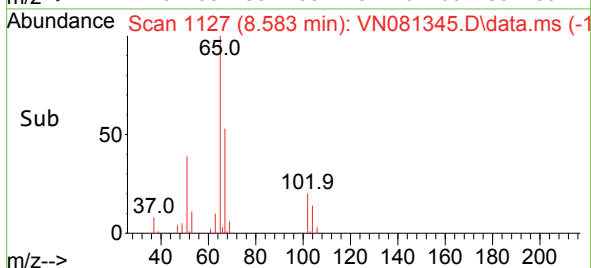
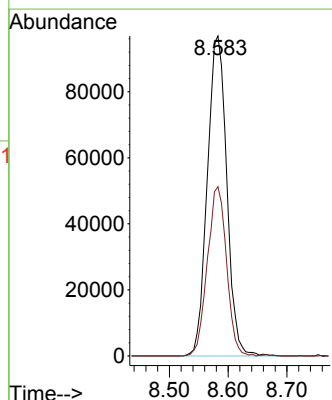
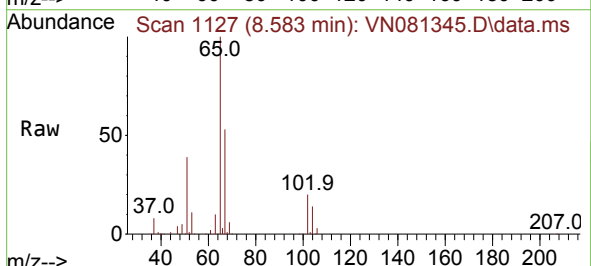
Acq: 08 Mar 2024 14:38

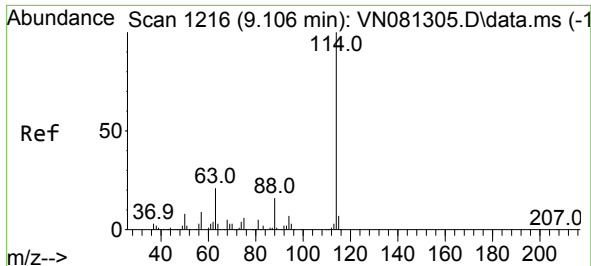
Tgt Ion: 65 Resp: 222127

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4

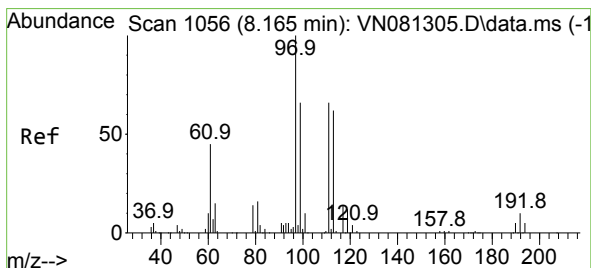
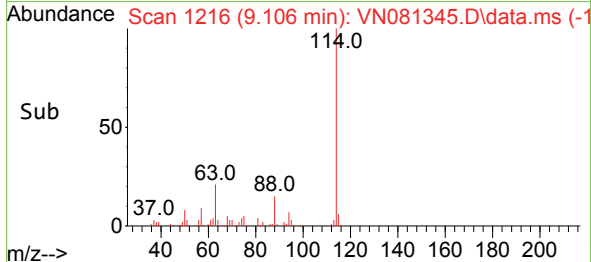
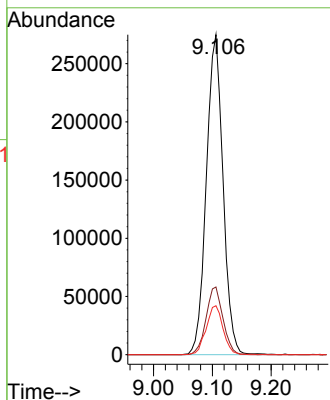
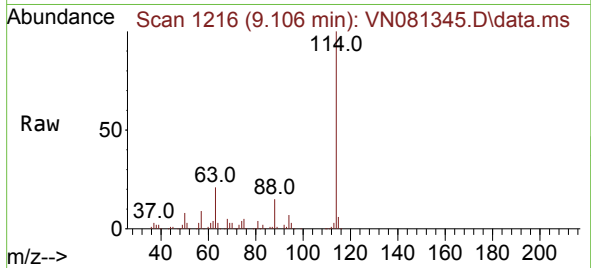




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

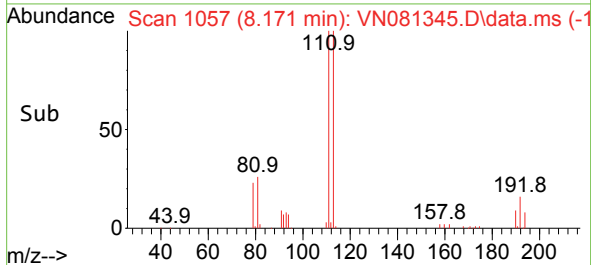
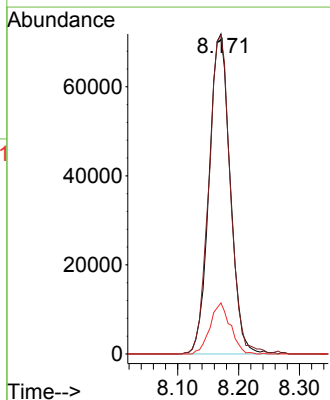
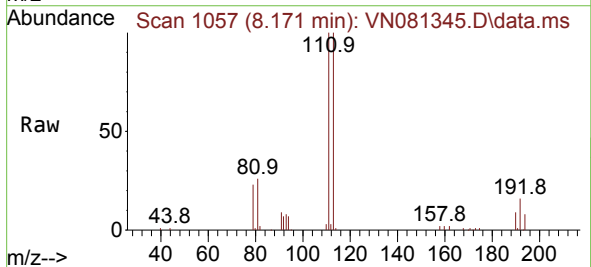
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STORAGE-BLANK-WATER-REF-4

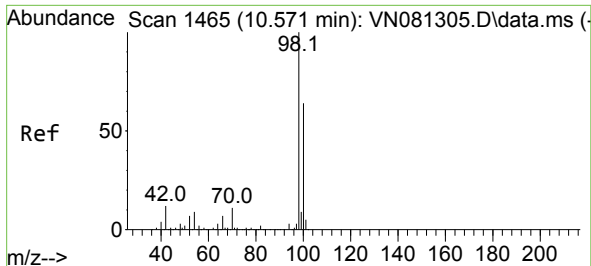
Tgt Ion:114 Resp: 542873
Ion Ratio Lower Upper
114 100
63 21.1 0.0 48.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.948 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion:113 Resp: 172780
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 15.4 12.5 18.7

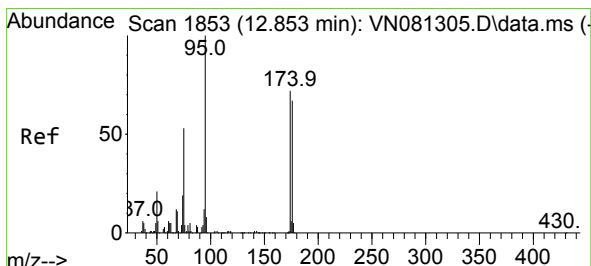
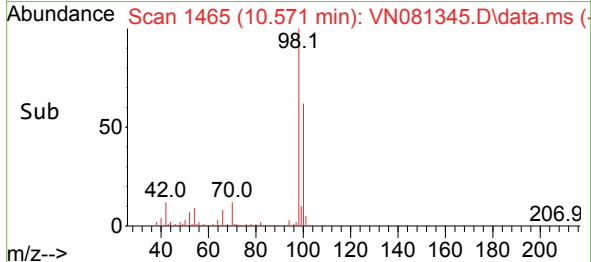
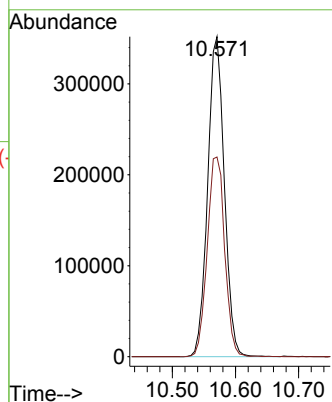
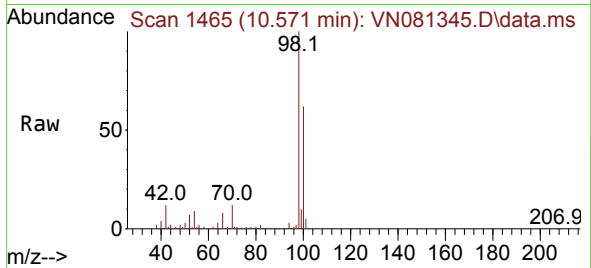




#50
Toluene-d8
Concen: 51.765 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

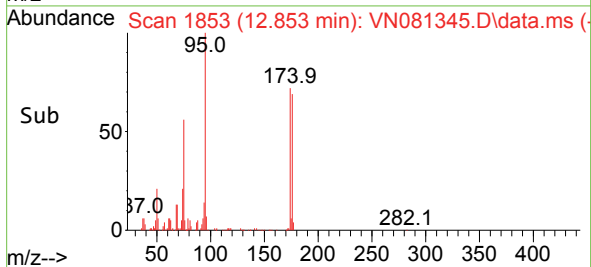
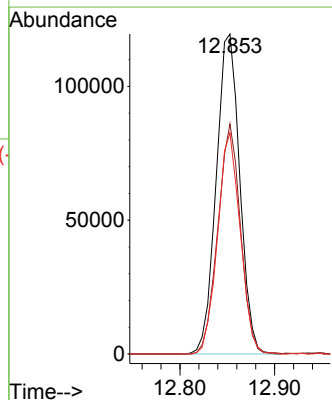
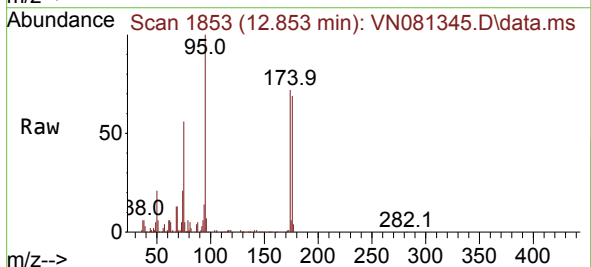
Instrument : MSVOA_N
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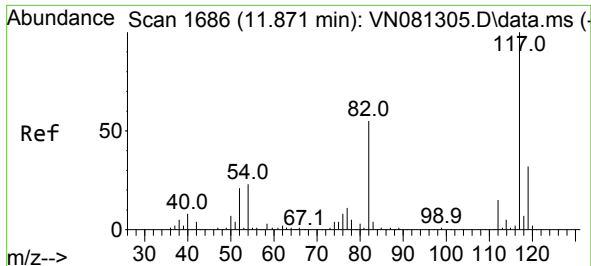
Tgt Ion: 98 Resp: 643620
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.944 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion: 95 Resp: 206293
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 66.5 0.0 121.0

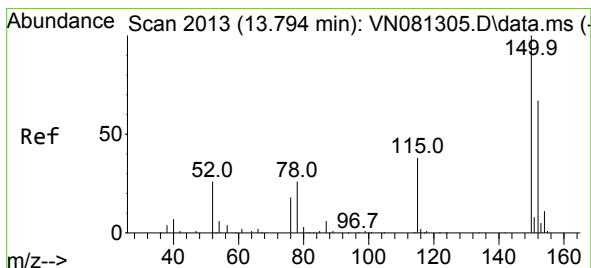
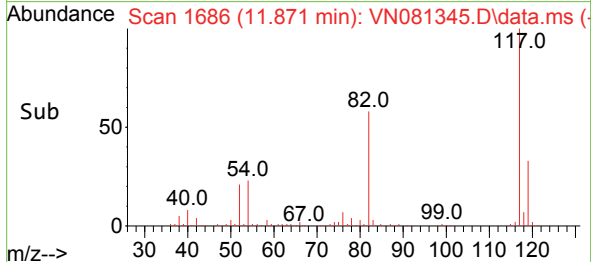
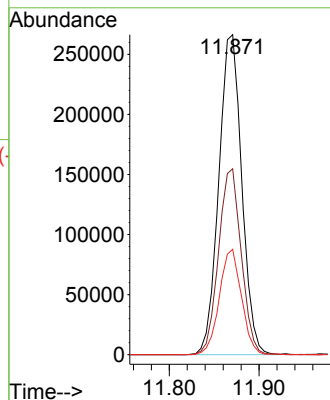
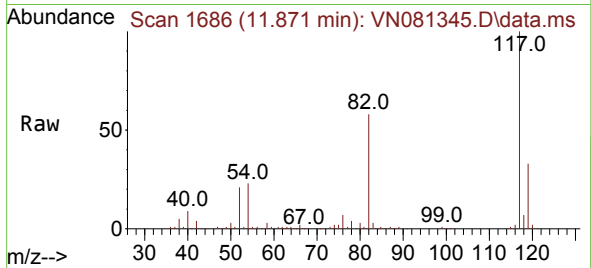




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081345.D
Acq: 08 Mar 2024 14:38

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 473841
Ion Ratio Lower Upper
117 100
82 58.1 52.7 79.1
119 32.9 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: VN081345.D
Acq: 08 Mar 2024 14:38

Tgt Ion:152 Resp: 182961
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 157.8 0.0 339.8

