

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081246.D
 Acq On : 28 Feb 2024 16:29
 Operator : JC\MD
 Sample : P1590-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20240223

Quant Time: Feb 28 23:28:26 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)

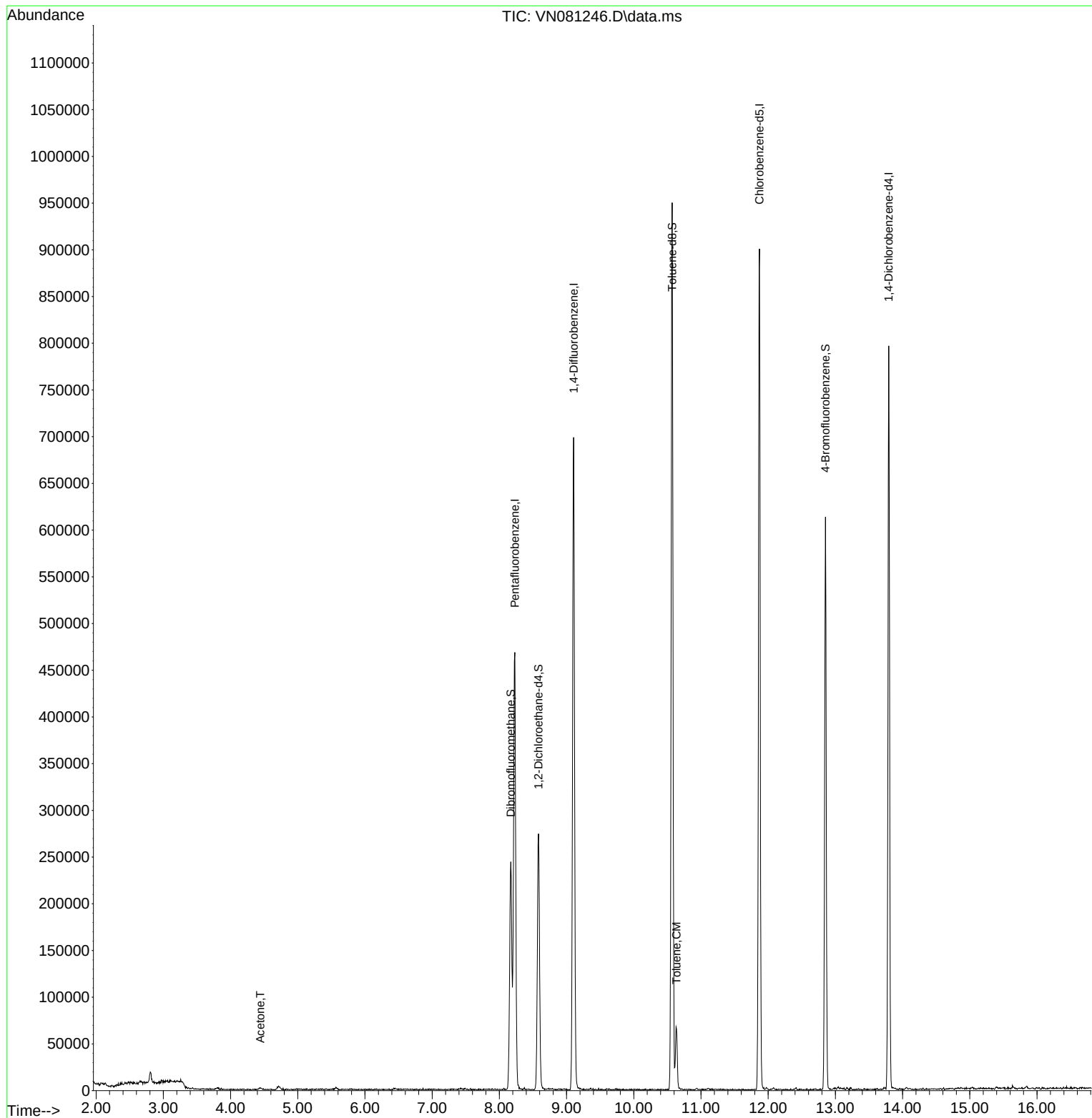
Internal Standards						
1) Pentafluorobenzene	8.230	168	317659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	587948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	519020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219794	56.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.900%
35) Dibromofluoromethane	8.171	113	173734	52.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	10.571	98	651417	55.166	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.853	95	207999	46.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
16) Acetone	4.442	43	3533	2.306	ug/l	94
52) Toluene	10.635	92	27936	2.677	ug/l	94

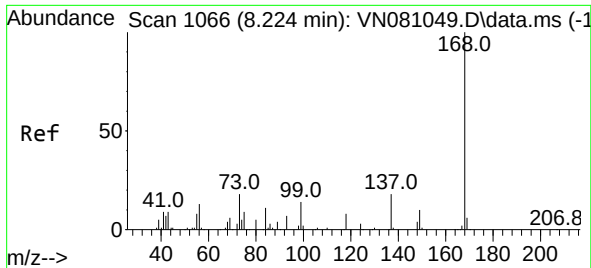
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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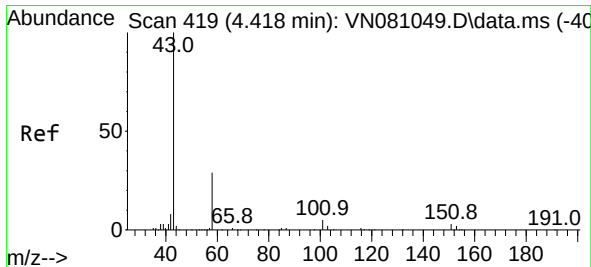
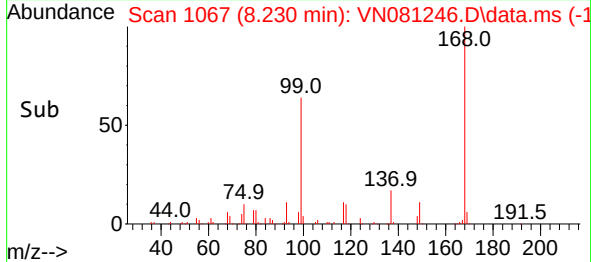
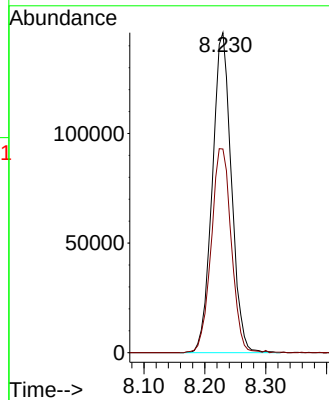
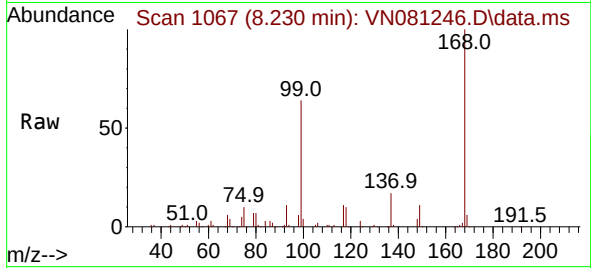




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

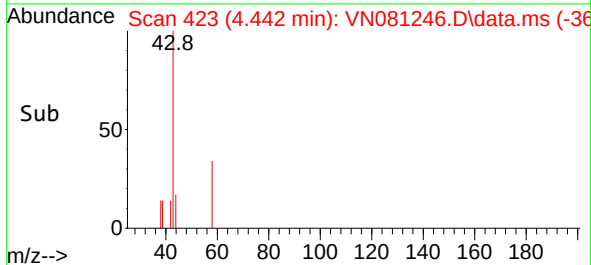
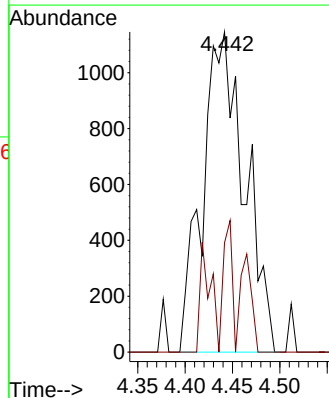
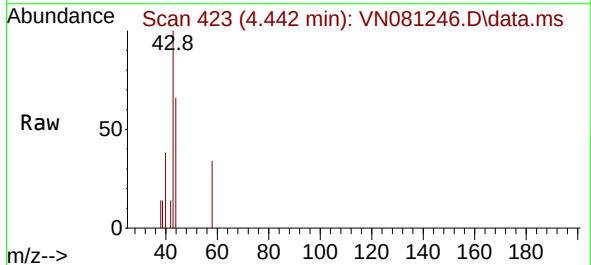
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20240223

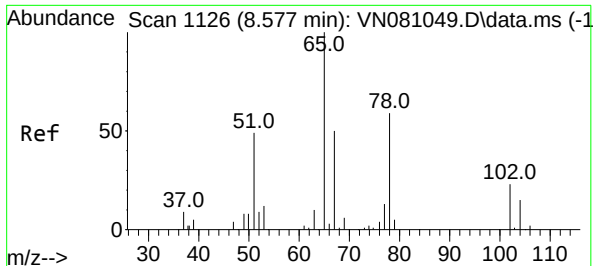
Tgt Ion:168 Resp: 317659
Ion Ratio Lower Upper
168 100
99 63.7 59.9 89.9



#16
Acetone
Concen: 2.306 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.023 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 56.450 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081246.D

Acq: 28 Feb 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

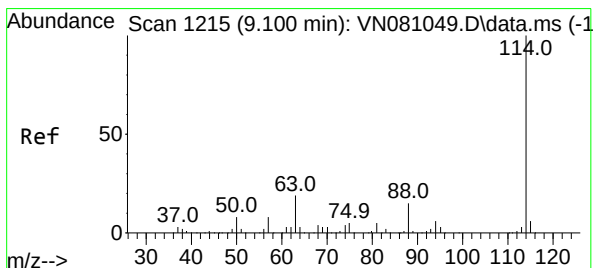
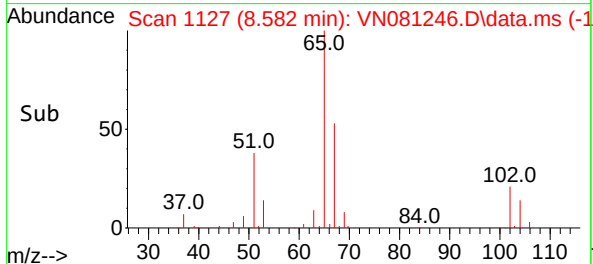
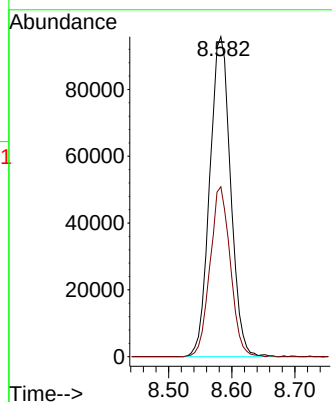
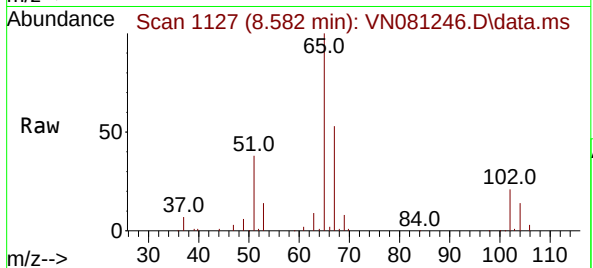
TT163S1-20240223

Tgt Ion: 65 Resp: 219794

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# 1216

Delta R.T. 0.006 min

Lab File: VN081246.D

Acq: 28 Feb 2024 16:29

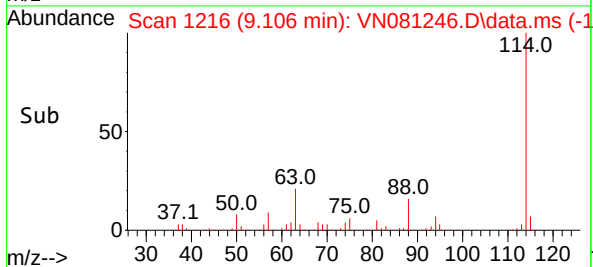
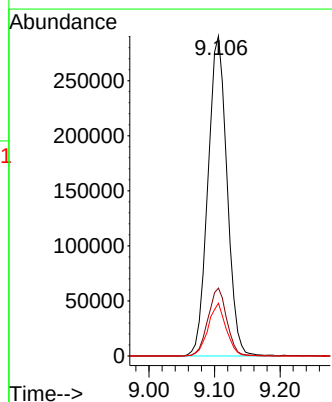
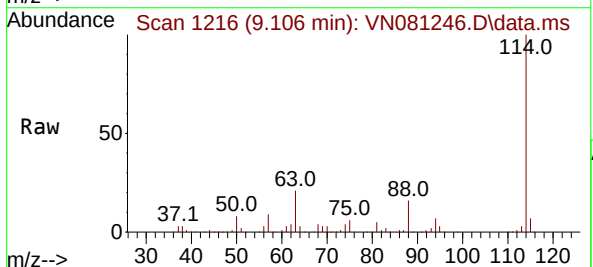
Tgt Ion: 114 Resp: 587948

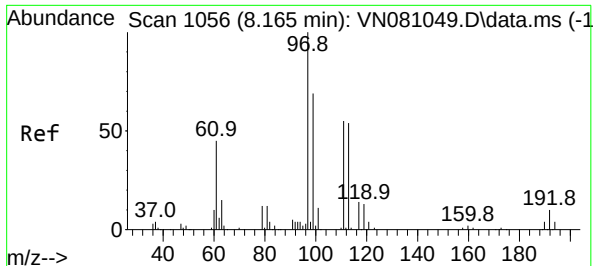
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 16.5 0.0 34.8

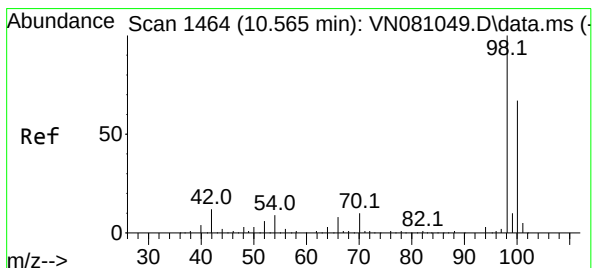
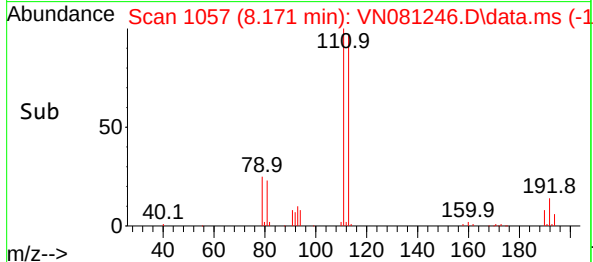
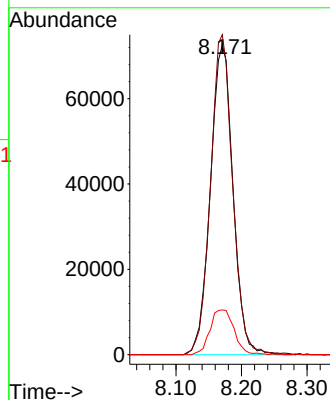
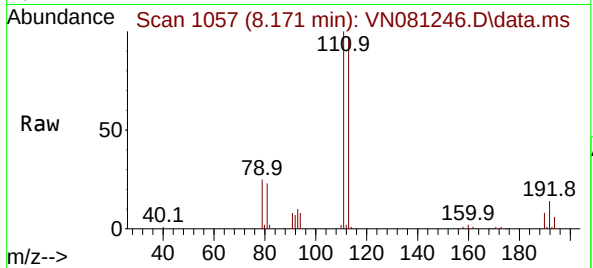




#35
Dibromofluoromethane
Concen: 52.256 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

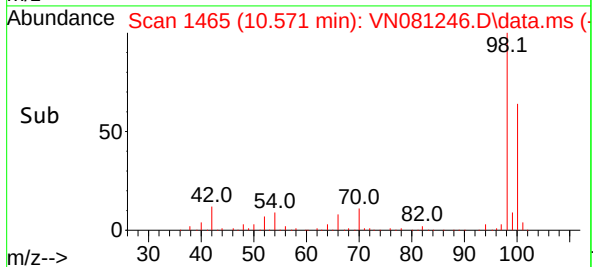
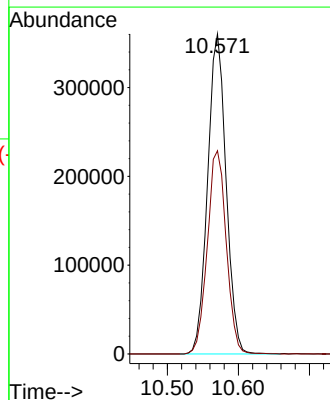
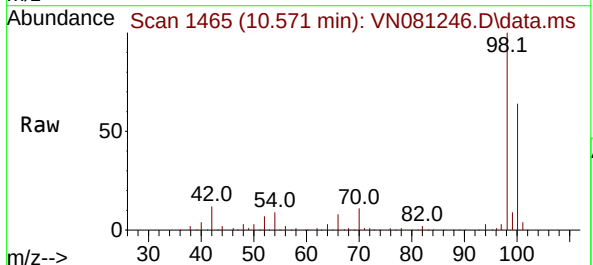
Instrument :
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TT163S1-20240223

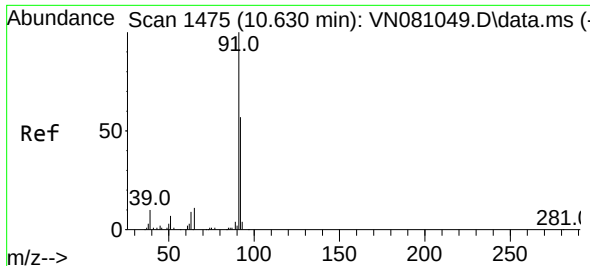
Tgt Ion:113 Resp: 173734
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 15.4 12.5 18.7



#50
Toluene-d8
Concen: 55.166 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

Tgt Ion: 98 Resp: 651417
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

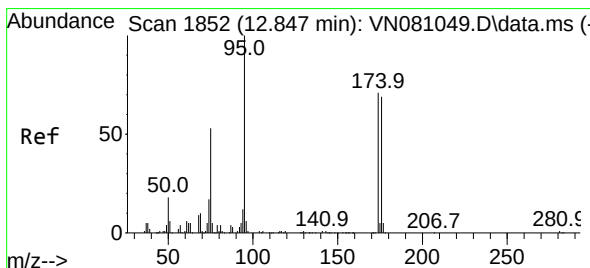
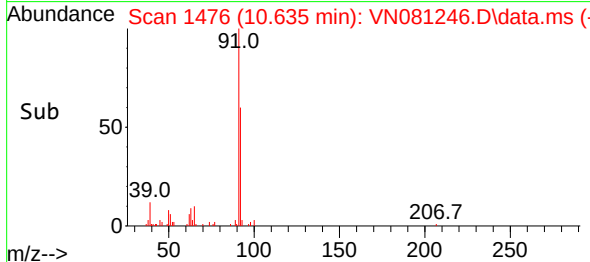
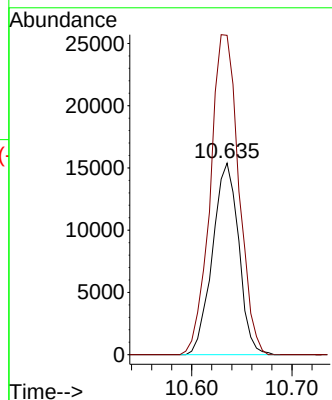
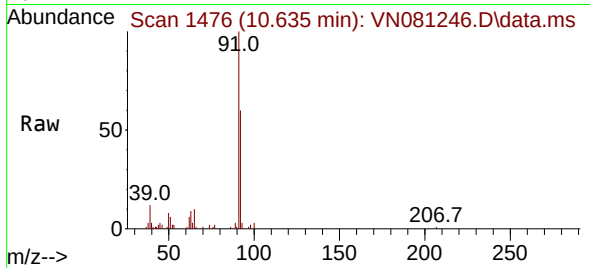




#52
Toluene
Concen: 2.677 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

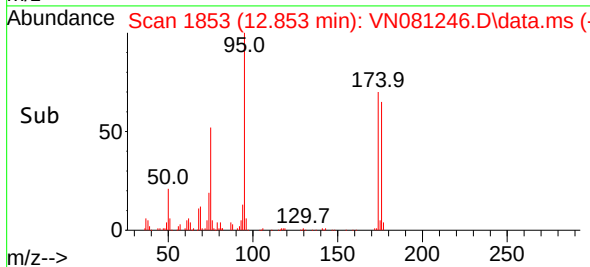
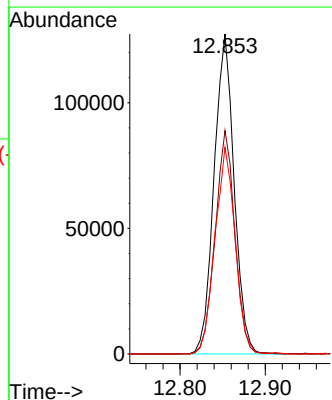
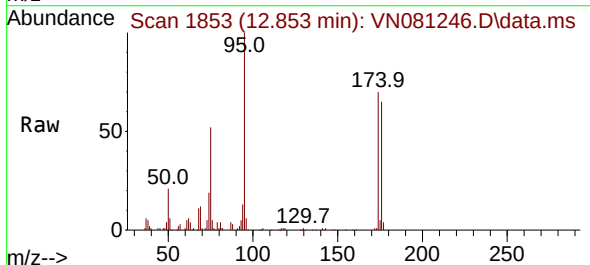
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20240223

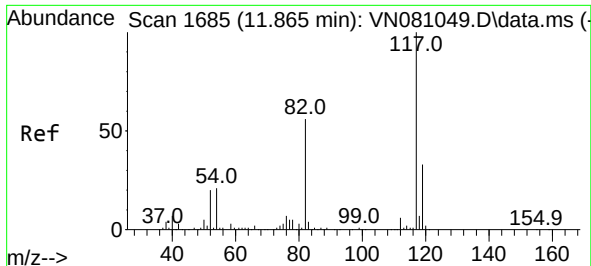
Tgt Ion: 92 Resp: 27936
Ion Ratio Lower Upper
92 100
91 181.9 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.878 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

Tgt Ion: 95 Resp: 207999
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 65.2 0.0 121.0



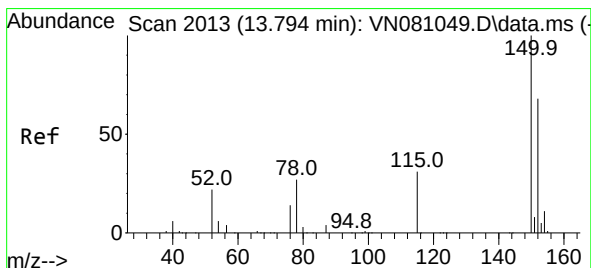
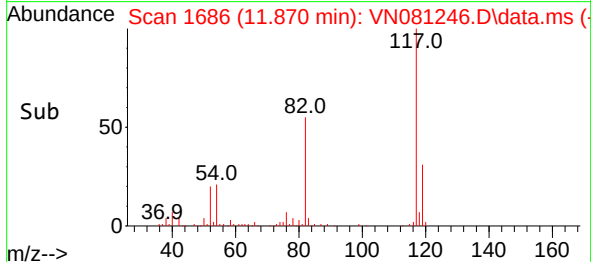
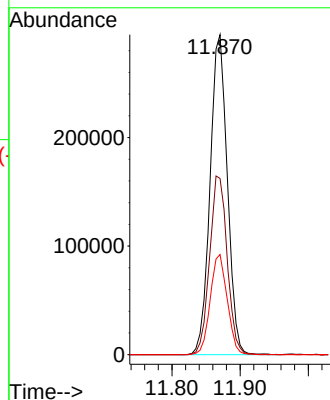
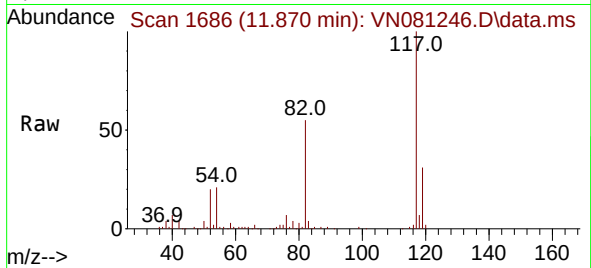


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081246.D
Acq: 28 Feb 2024 16:29

Instrument :
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Tgt Ion:117 Resp: 519020

Ion	Ratio	Lower	Upper
117	100		
82	55.0	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: VN081246.D
Acq: 28 Feb 2024 16:29

Tgt Ion:152 Resp: 198082

Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	155.9	0.0	339.8

