

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081216.D
 Acq On : 27 Feb 2024 13:58
 Operator : JC\MD
 Sample : P1577-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01D-20240221

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 04:17:28 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	324481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	526312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218587	54.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.920%			
35) Dibromofluoromethane	8.171	113	168524	48.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.700%			
50) Toluene-d8	10.571	98	658124	53.712	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.853	95	213031	46.270	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.540%			
Target Compounds						
16) Acetone	4.436	43	4526m	2.892	ug/l	
52) Toluene	10.629	92	74147	6.846	ug/l	98

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

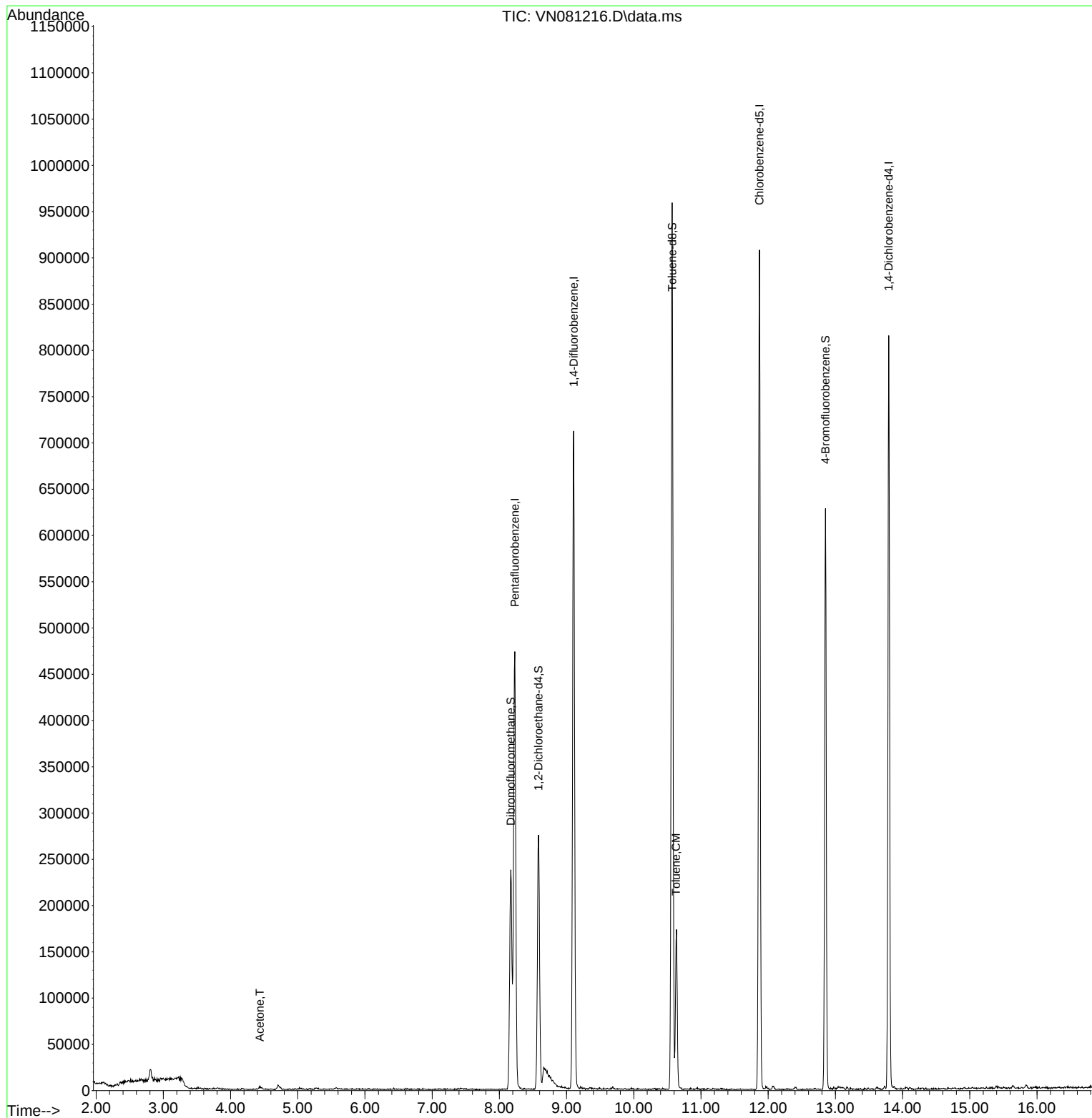
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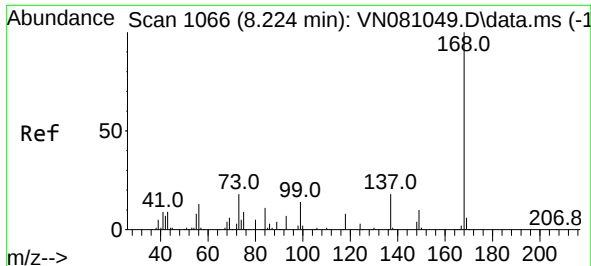
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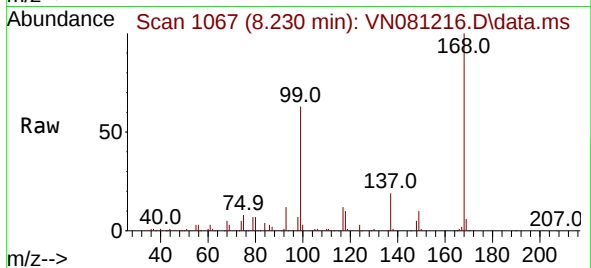
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

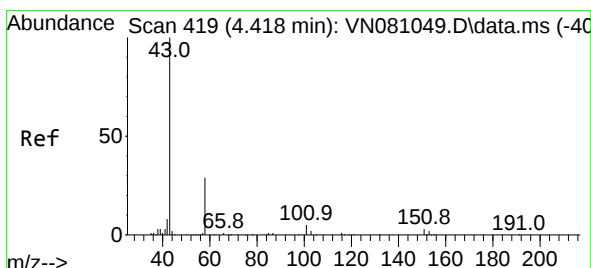
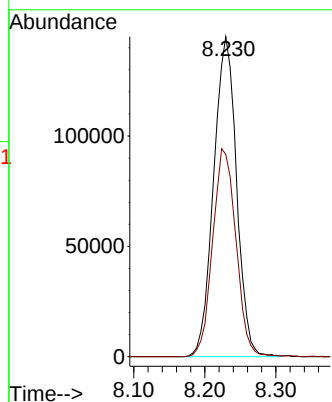
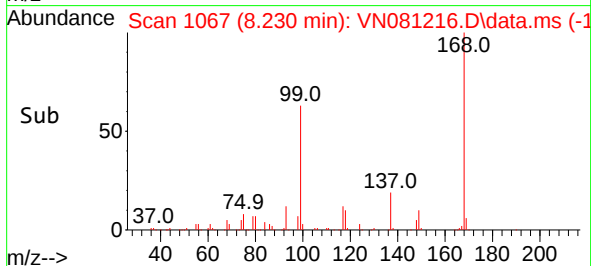
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01D-20240221



Tgt Ion:168 Resp: 32448
Ion Ratio Lower Upper
168 100
99 63.2 59.9 89.9

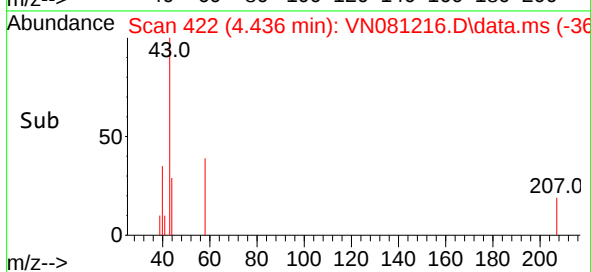
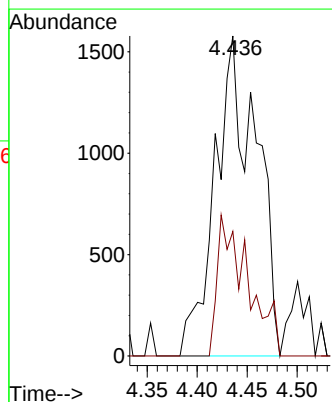
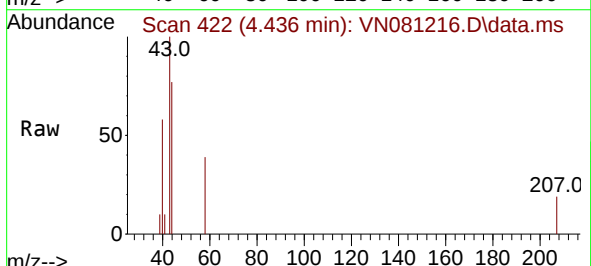
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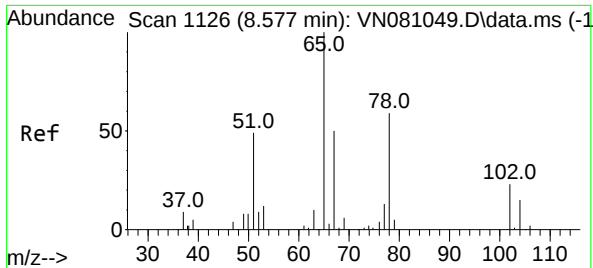
Reviewed By :John Carlone 02/28/2024
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#16
Acetone
Concen: 2.892 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

Tgt Ion: 43 Resp: 4526
Ion Ratio Lower Upper
43 100
58 38.9 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 54.960 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081216.D

Acq: 27 Feb 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

RW10-MW01D-20240221

Tgt Ion: 65 Resp: 21858

Ion Ratio Lower Upper

65 100

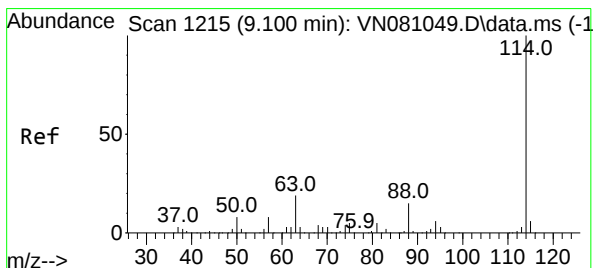
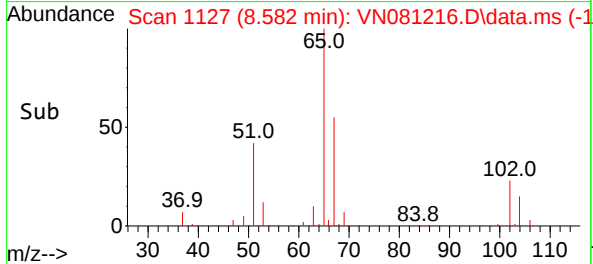
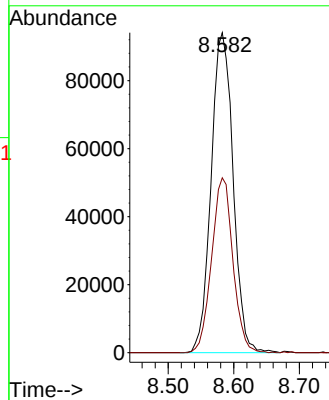
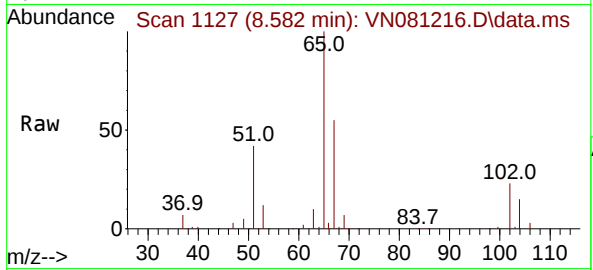
67 53.0 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081216.D

Acq: 27 Feb 2024 13:58

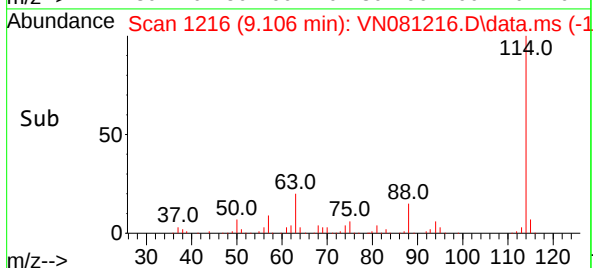
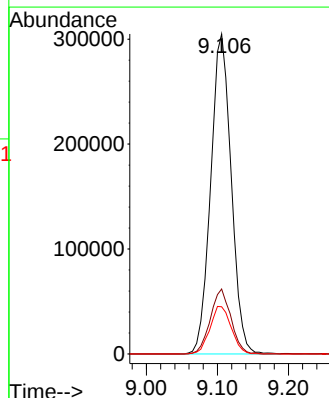
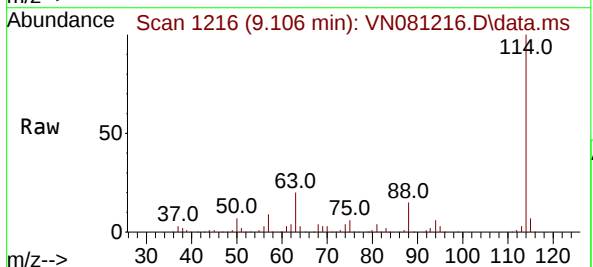
Tgt Ion:114 Resp: 610080

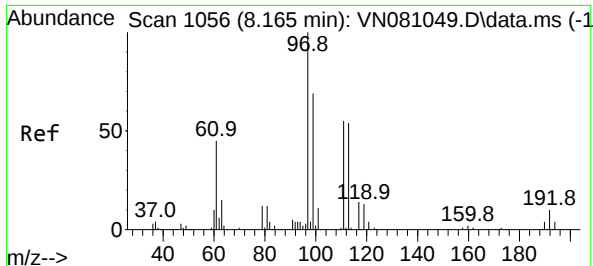
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

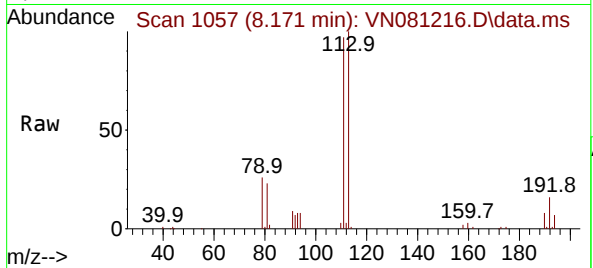
88 14.8 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

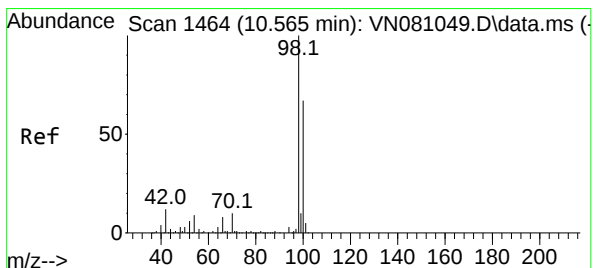
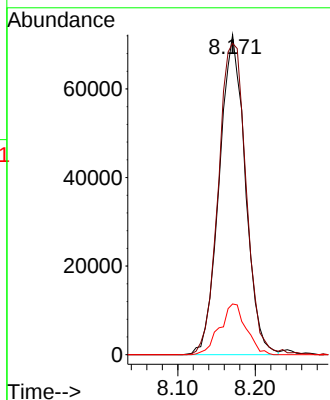
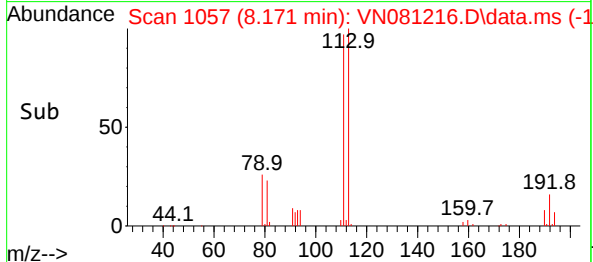
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Tgt Ion:113 Resp: 168524
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.1 12.5 18.7

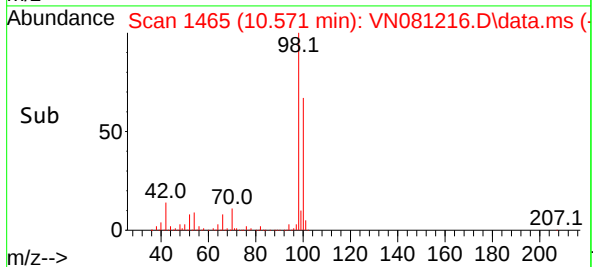
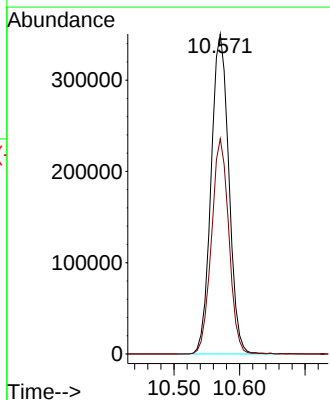
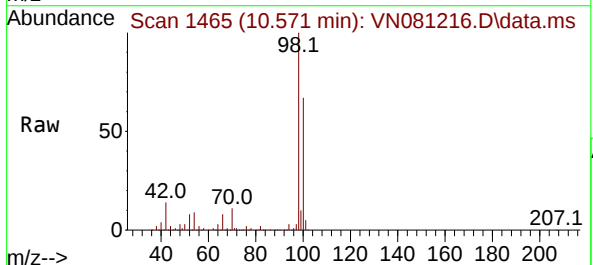
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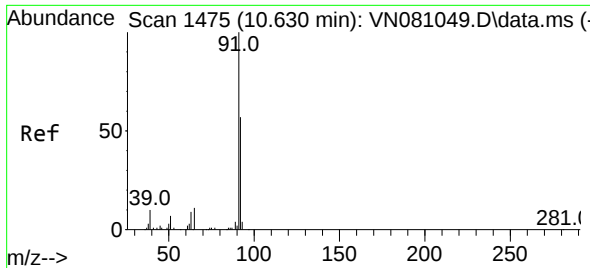
Reviewed By :John Carlone 02/28/2024
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#50
Toluene-d8
Concen: 53.712 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

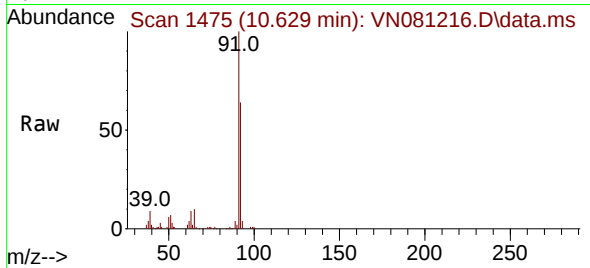
Tgt Ion: 98 Resp: 658124
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0





#52
Toluene
Concen: 6.846 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

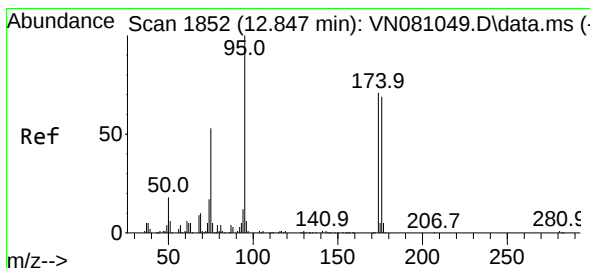
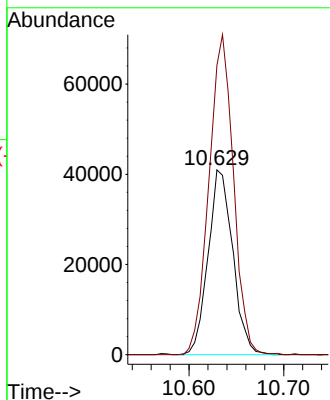
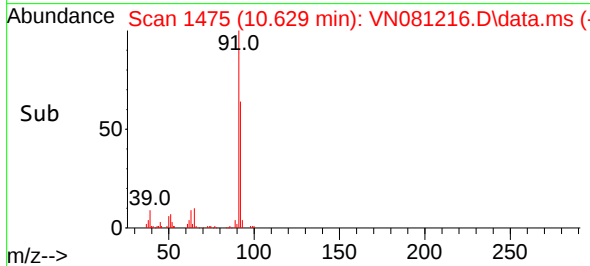
Instrument :
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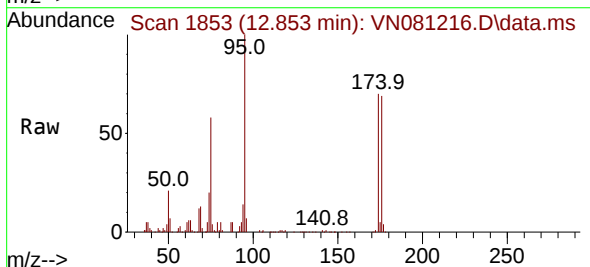
Tgt Ion: 92 Resp: 7414
Ion Ratio Lower Upper
92 100
91 172.0 139.4 209.0

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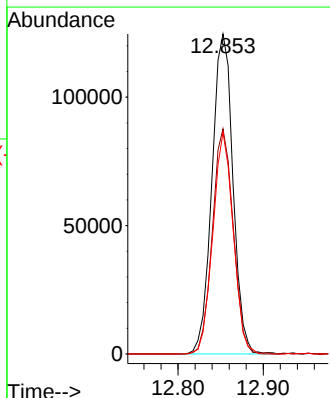
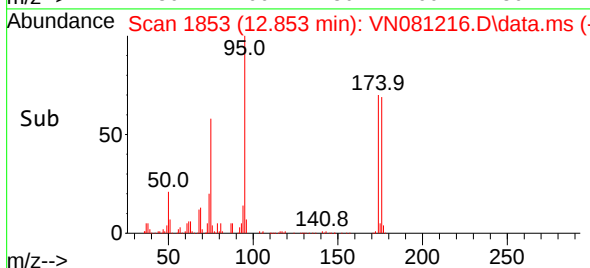
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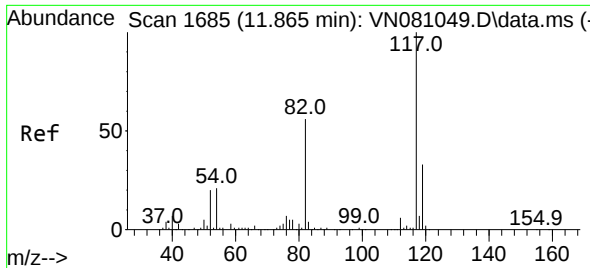


#62
4-Bromofluorobenzene
Concen: 46.270 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58



Tgt Ion: 95 Resp: 213031
Ion Ratio Lower Upper
95 100
174 69.8 0.0 120.4
176 67.1 0.0 121.0





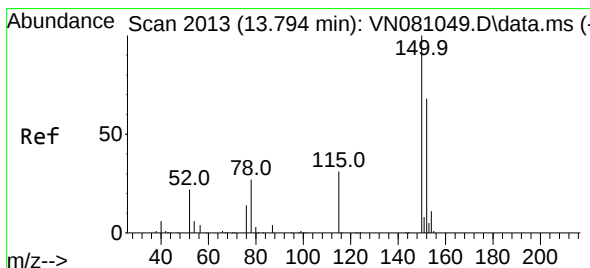
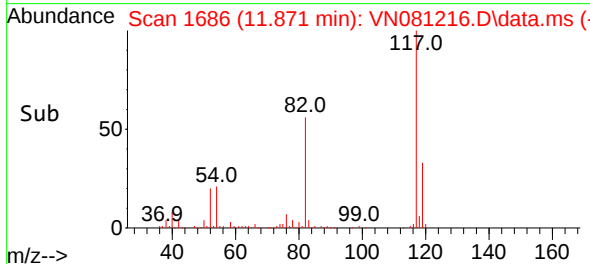
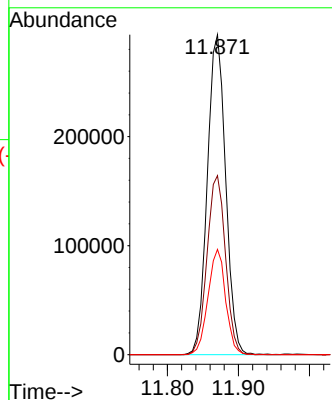
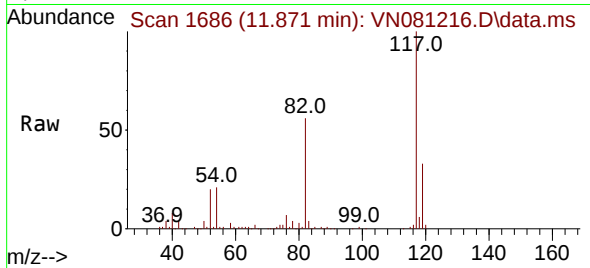
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

Instrument :
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Tgt Ion:117 Resp: 526312
Ion Ratio Lower Upper
117 100
82 56.0 52.7 79.1
119 32.9 25.3 37.9

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081216.D
Acq: 27 Feb 2024 13:58

Tgt Ion:152 Resp: 204917
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 158.9 0.0 339.8

