

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078285.D
 Acq On : 19 Jun 2023 17:25
 Operator : JC\MD
 Sample : 03310-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-943-945

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 20 01:31:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	441753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	821229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	721492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	321310	54.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.100%		
35) Dibromofluoromethane	8.177	113	289711	55.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 111.580%		
50) Toluene-d8	10.577	98	954032	47.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 95.320%		
62) 4-Bromofluorobenzene	12.853	95	301686	48.479	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 96.960%		
Target Compounds						Qvalue
16) Acetone	4.447	43	32151	18.964	ug/l	97
25) 2-Butanone	7.506	43	21060	8.078	ug/l #	72

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

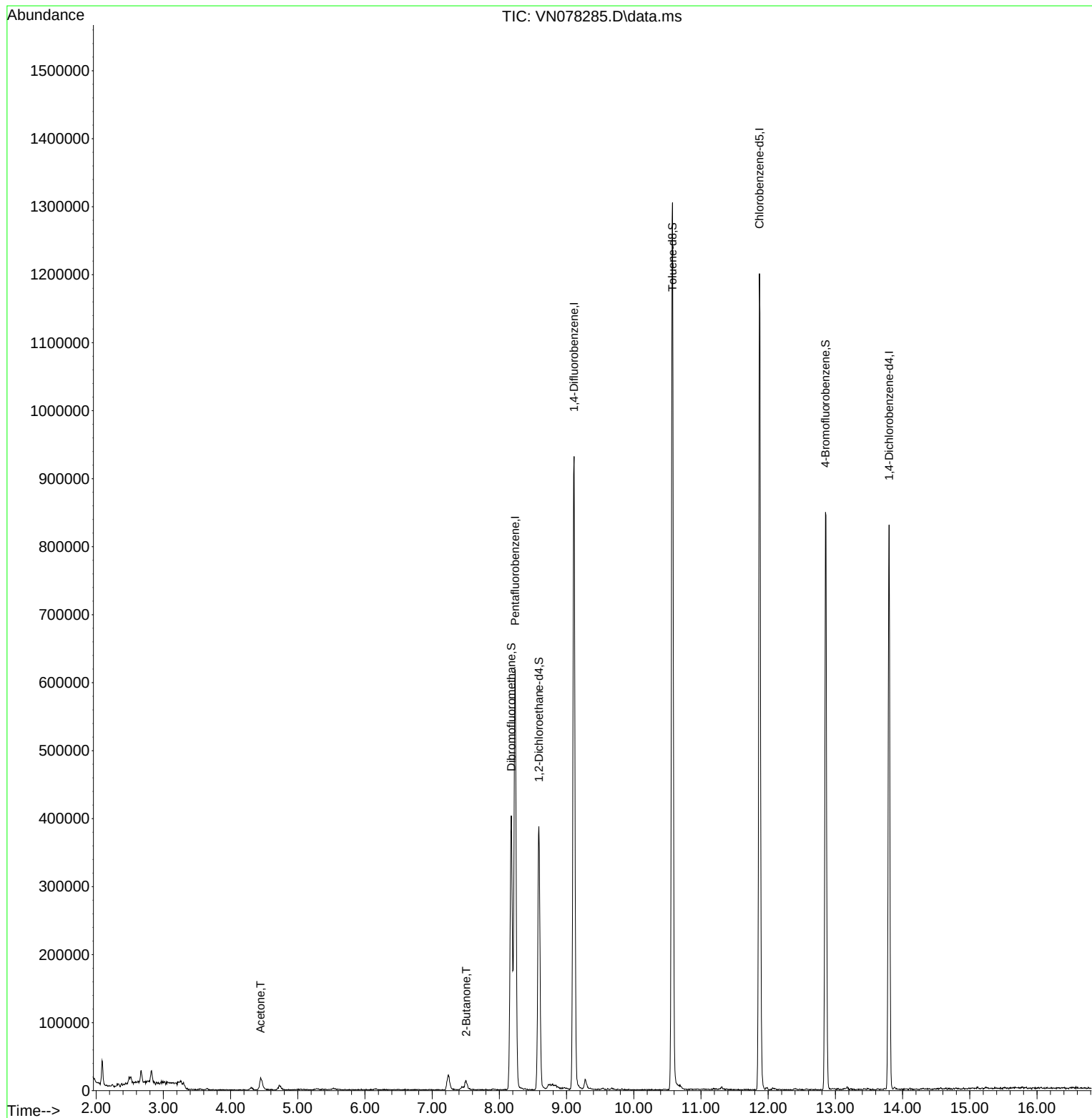
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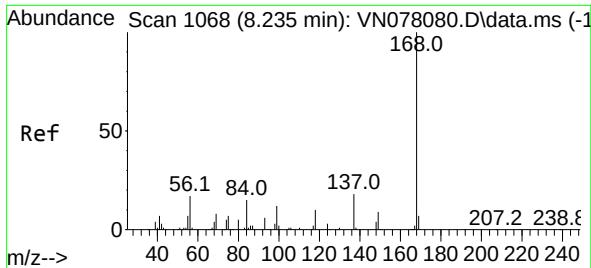
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BP-VPB-RW11-GW-943-945

Quant Time: Jun 20 01:31:15 2023
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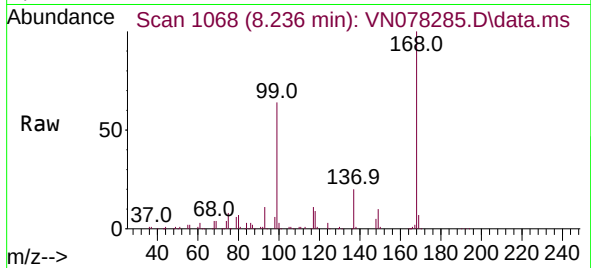
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

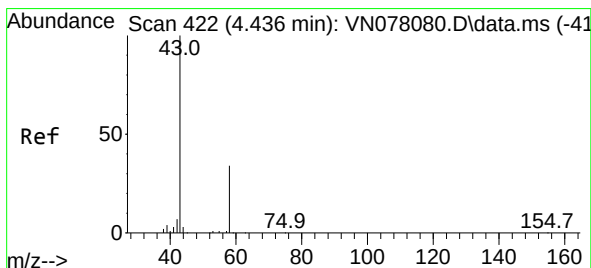
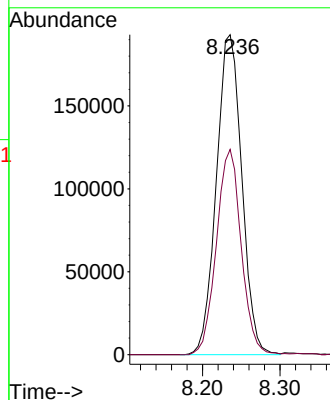
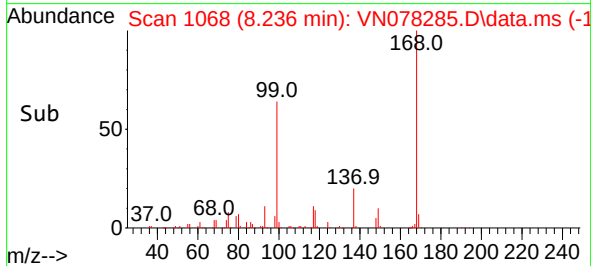
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945



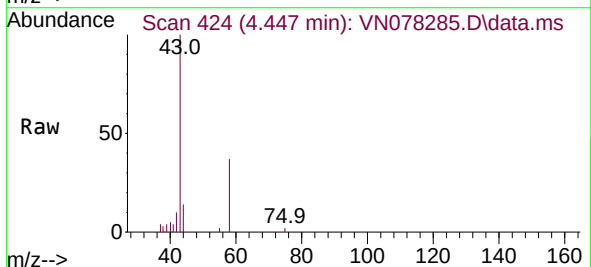
Tgt Ion:168 Resp: 44175
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6

Manual Integrations
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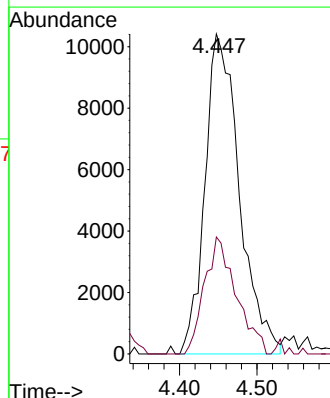
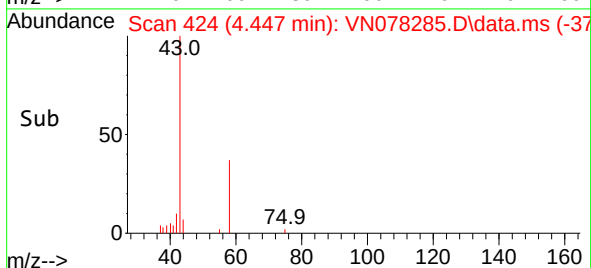
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023

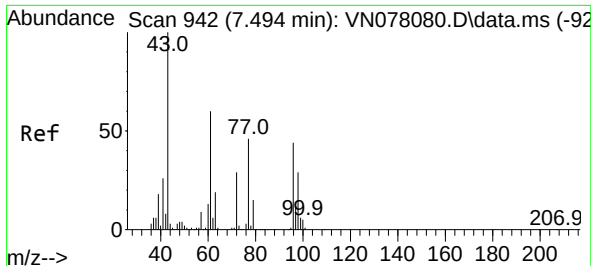


#16
Acetone
Concen: 18.964 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25



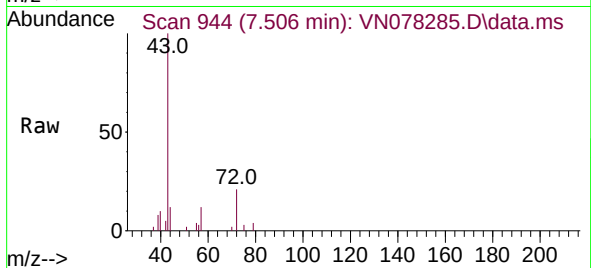
Tgt Ion: 43 Resp: 32151
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0





#25
2-Butanone
Concen: 8.078 ug/l
RT: 7.506 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

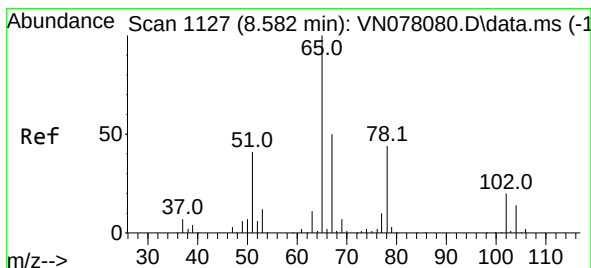
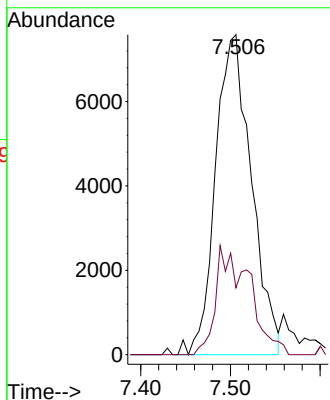
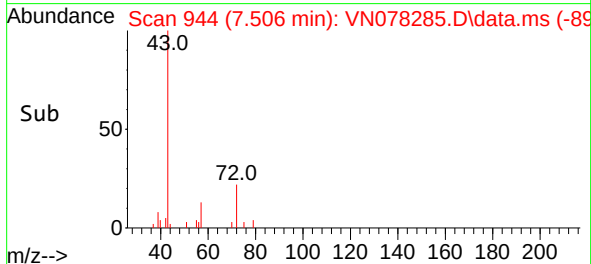
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945



Tgt Ion: 43 Resp: 21060
Ion Ratio Lower Upper
43 100
72 20.9 30.2 45.2

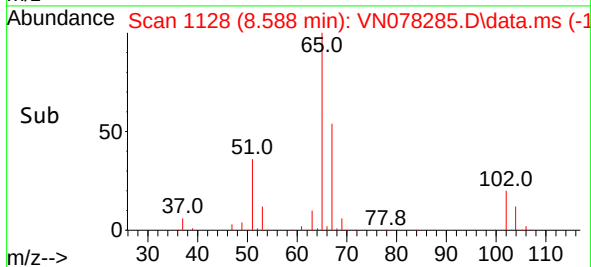
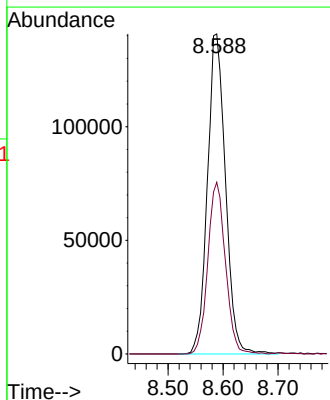
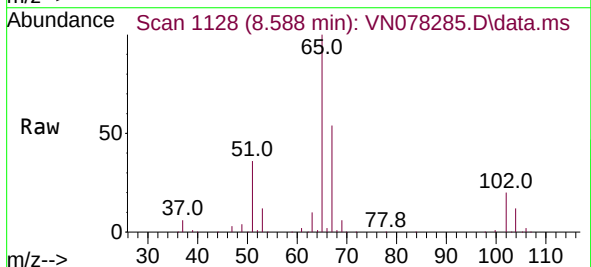
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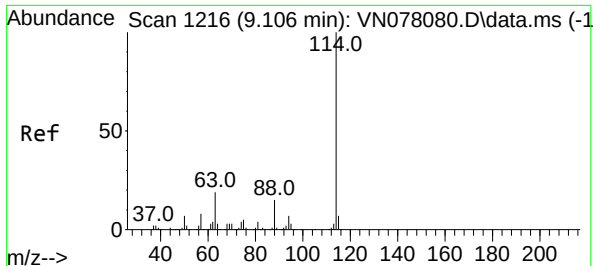
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#33
1,2-Dichloroethane-d4
Concen: 54.553 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

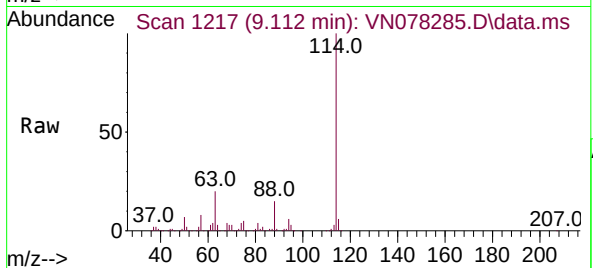
Tgt Ion: 65 Resp: 321310
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

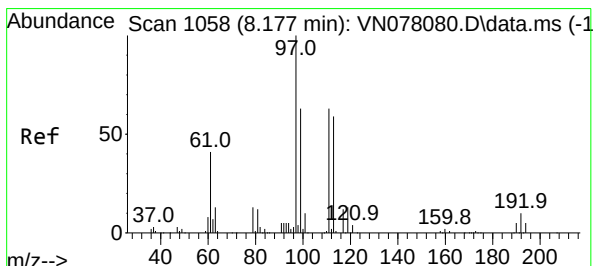
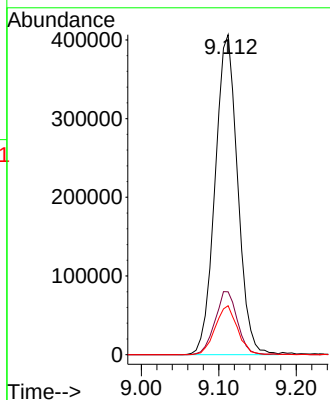
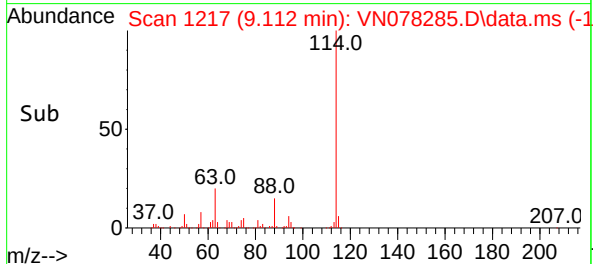
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-943-945



Tgt Ion:114 Resp: 821229
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.3 0.0 30.6

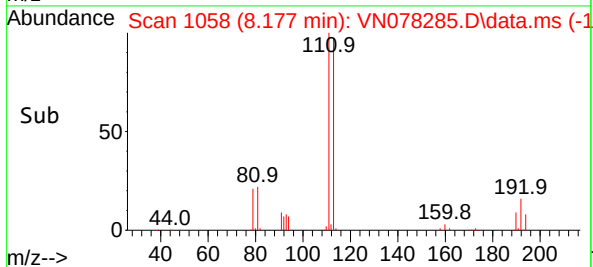
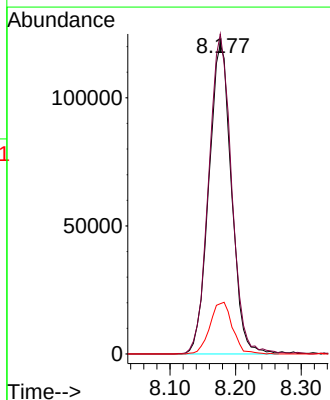
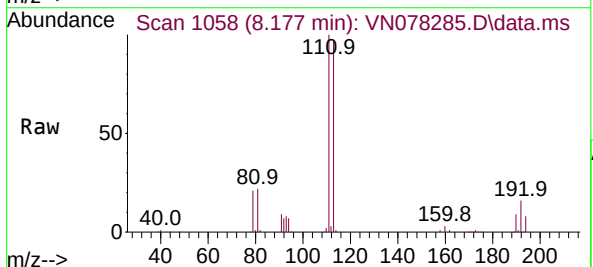
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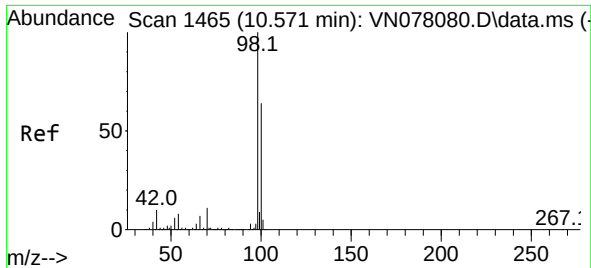
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#35
Dibromofluoromethane
Concen: 55.794 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

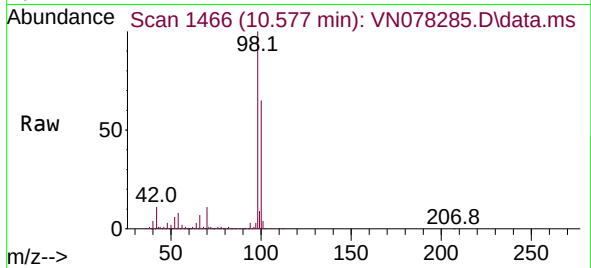
Tgt Ion:113 Resp: 289711
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 16.5 12.7 19.1





#50
Toluene-d8
Concen: 47.659 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

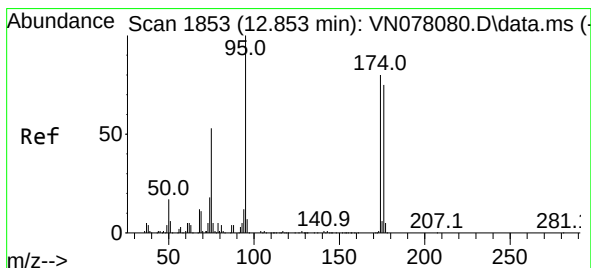
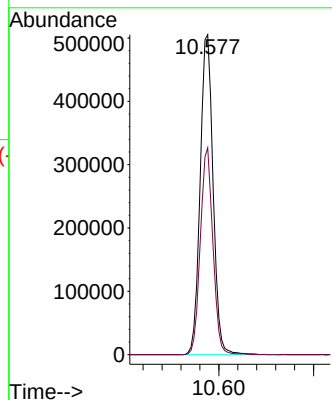
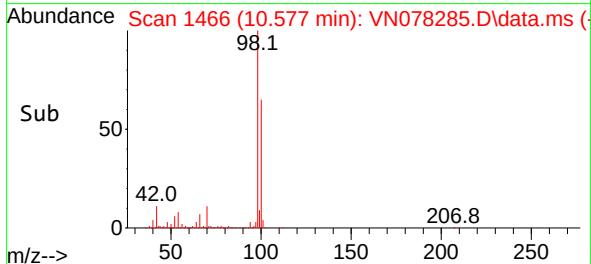
Instrument :
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Tgt Ion: 98 Resp: 95403
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

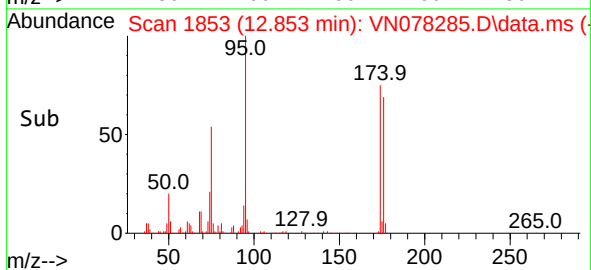
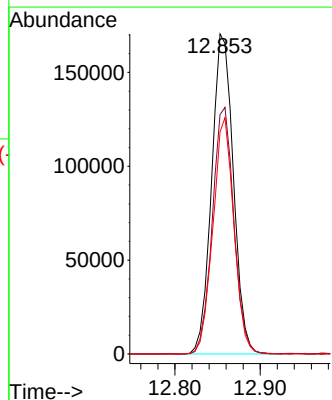
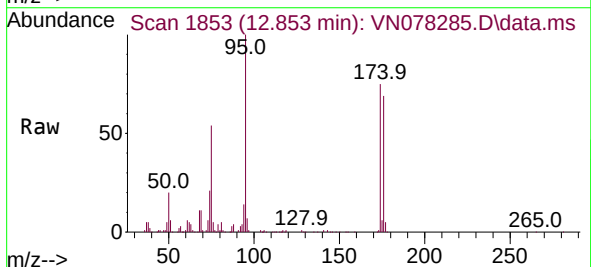
Manual Integrations
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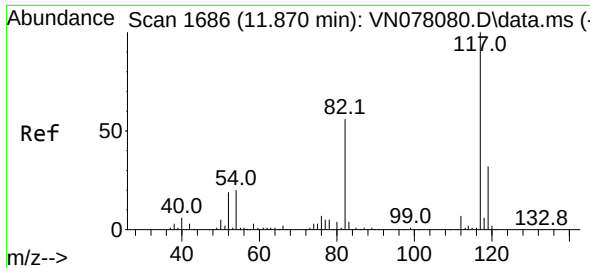
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 48.479 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

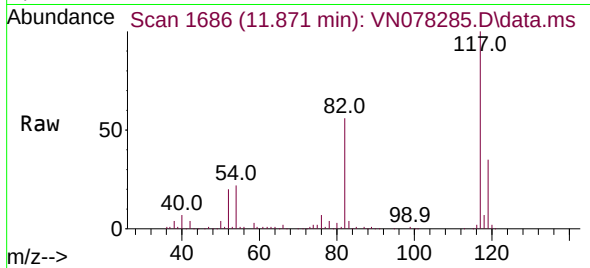
Tgt Ion: 95 Resp: 301686
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 71.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25

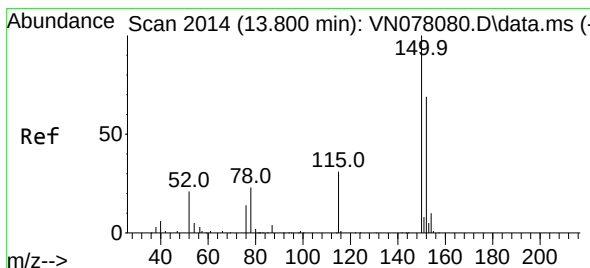
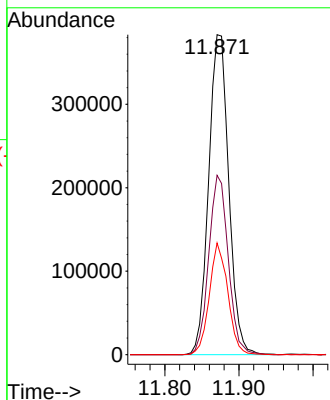
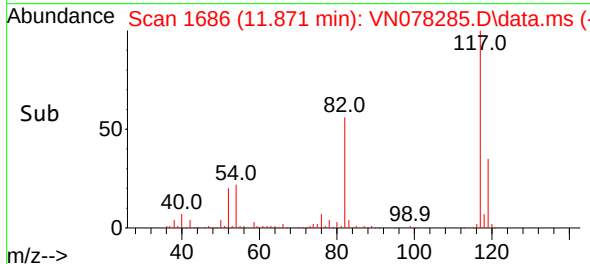
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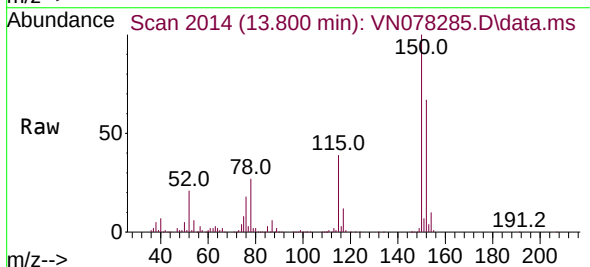
Tgt Ion:117 Resp: 721492
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 34.9 25.6 38.4

Manual Integrations
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Supervised By :Mahesh Dadoda 06/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078285.D
Acq: 19 Jun 2023 17:25



Tgt Ion:152 Resp: 225920
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 154.6 0.0 355.8

