

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082684.D
 Acq On : 21 Jun 2024 17:46
 Operator : JC\MD
 Sample : PB161606ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161606ZHE#01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 24 02:15:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	121744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116788	59.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 119.640%		
35) Dibromofluoromethane	8.165	113	85293	52.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.940%		
50) Toluene-d8	10.571	98	326730	53.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 107.300%		
62) 4-Bromofluorobenzene	12.853	95	102687	48.911	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 97.820%		
Target Compounds						Qvalue
16) Acetone	4.436	43	32082	36.133	ug/l	98
20) Methylene Chloride	5.283	84	7414m	4.749	ug/l	
43) Isopropyl Acetate	8.694	43	234248	40.877	ug/l #	82

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

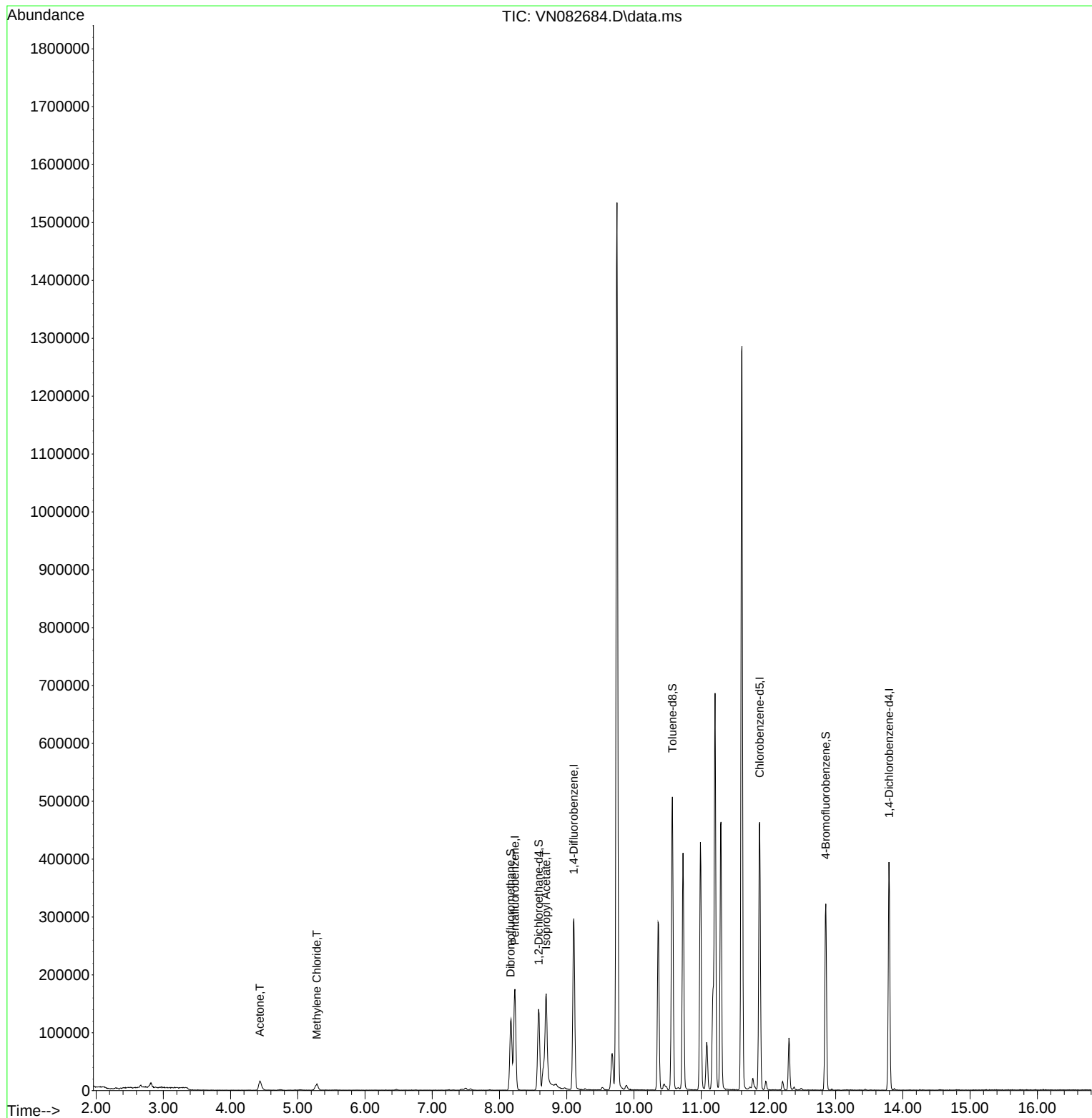
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
Data File : VN082684.D
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Sample : PB161606ZHE#01
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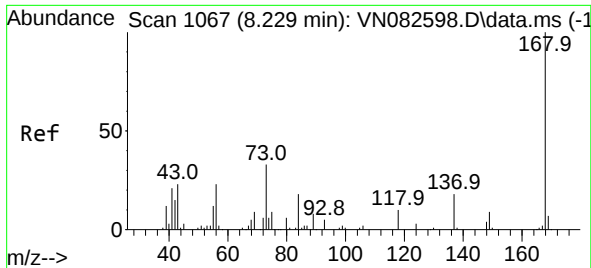
Instrument :
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ClientSampleId :
PB161606ZHE#01

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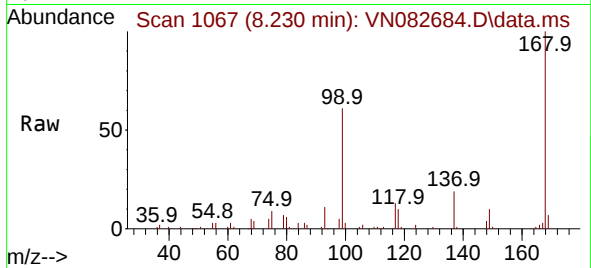
Quant Time: Jun 24 02:15:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

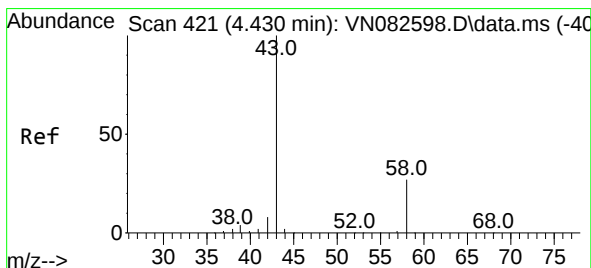
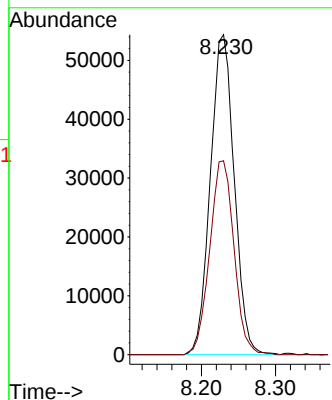
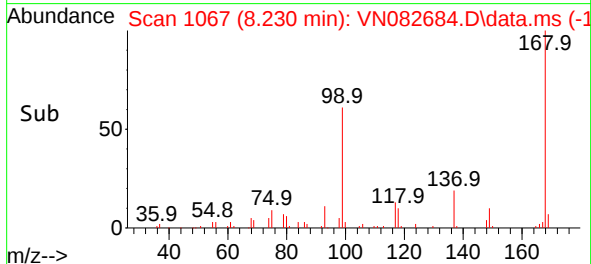
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#01



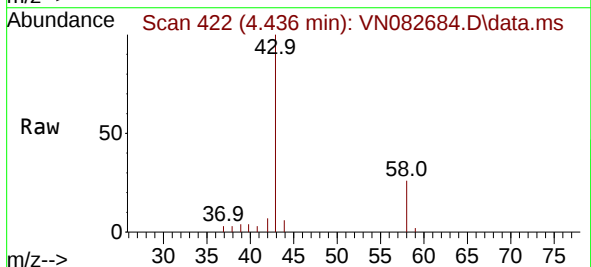
Tgt Ion:168 Resp: 121744
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4

Manual Integrations
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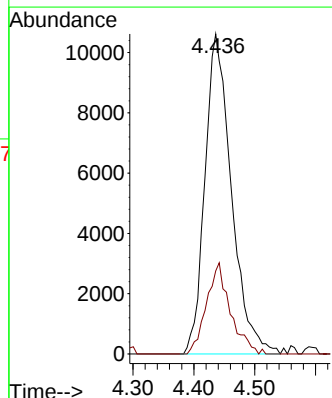
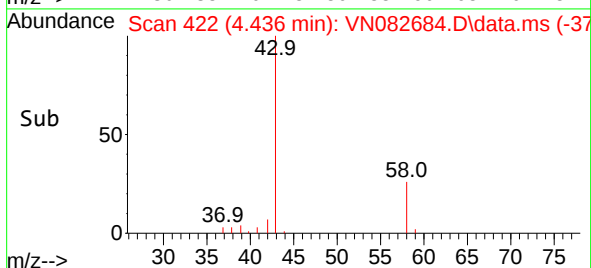
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

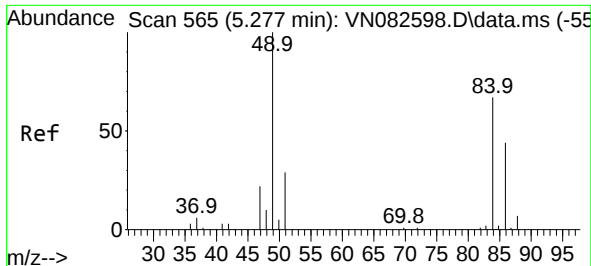


#16
Acetone
Concen: 36.133 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46



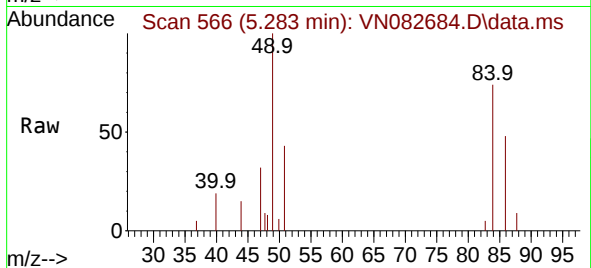
Tgt Ion: 43 Resp: 32082
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6





#20
Methylene Chloride
Concen: 4.749 ug/l m
RT: 5.283 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

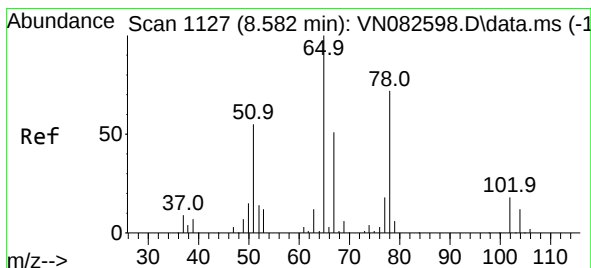
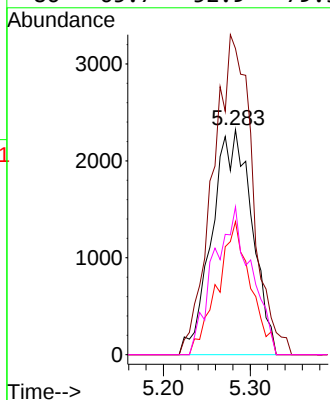
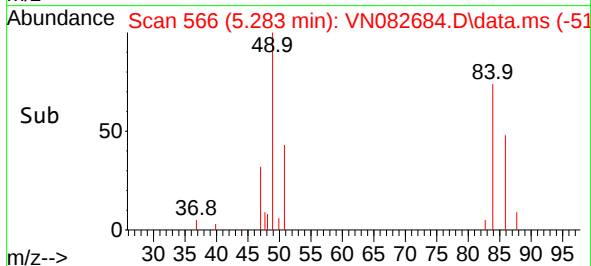
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#01



Tgt Ion: 84 Resp: 7414
Ion Ratio Lower Upper
84 100
49 136.0 119.6 179.4
51 59.2 34.8 52.2
86 65.7 52.9 79.3

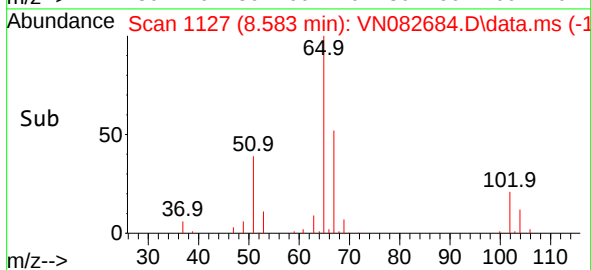
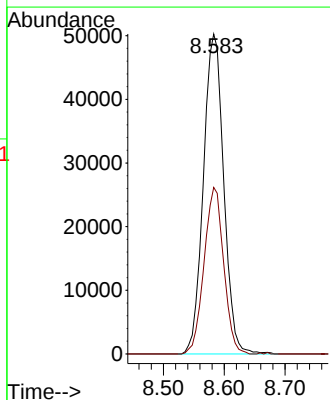
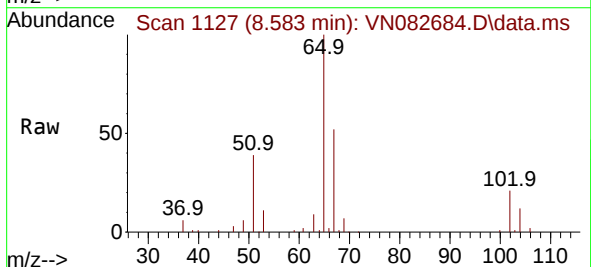
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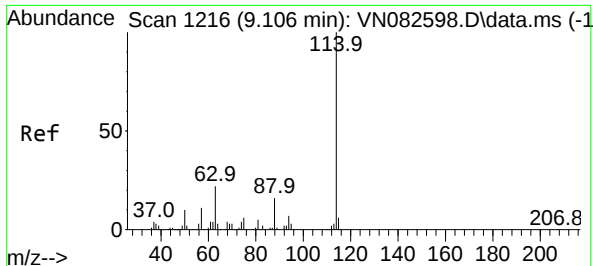
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#33
1,2-Dichloroethane-d4
Concen: 59.820 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

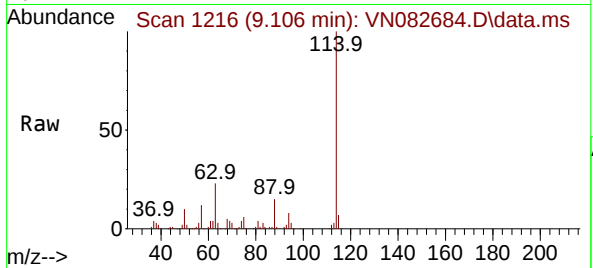
Tgt Ion: 65 Resp: 116788
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

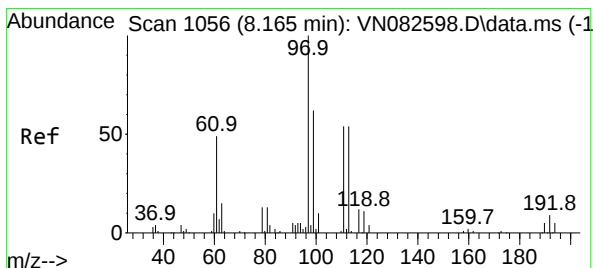
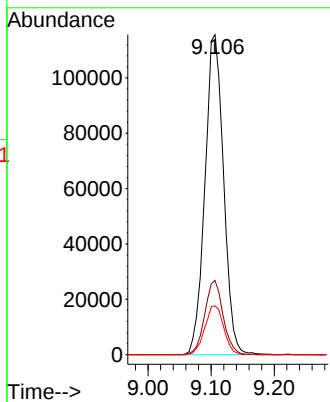
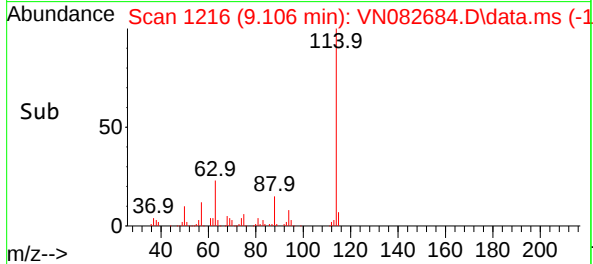
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#01



Tgt Ion:114 Resp: 23737
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.6
88 15.2 0.0 31.4

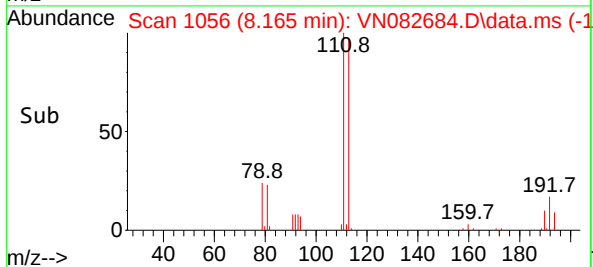
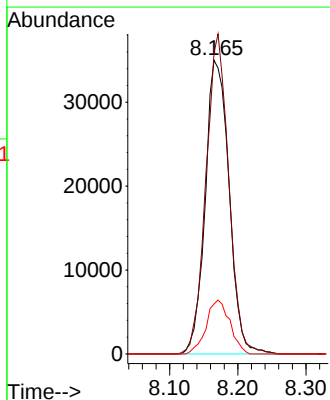
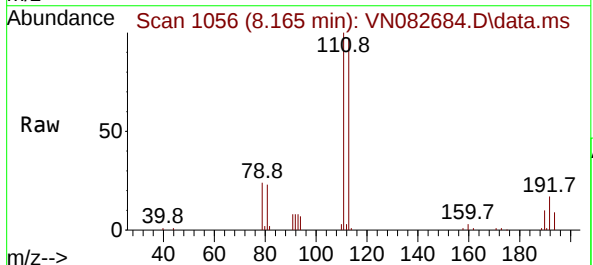
Manual Integrations
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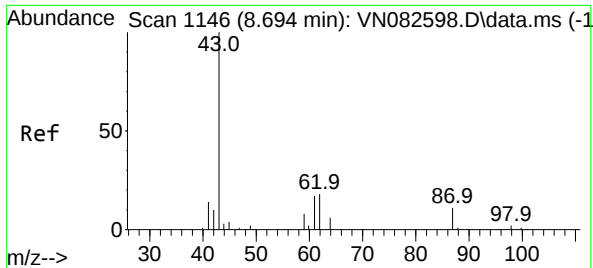
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#35
Dibromofluoromethane
Concen: 52.967 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

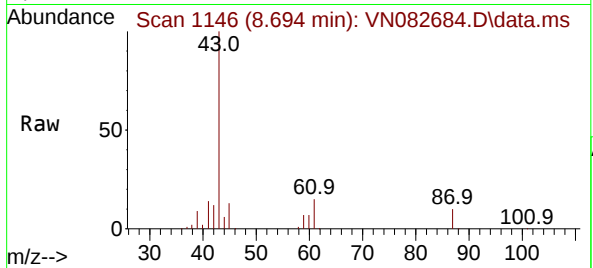
Tgt Ion:113 Resp: 85293
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 18.2 14.9 22.3





#43
Isopropyl Acetate
Concen: 40.877 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

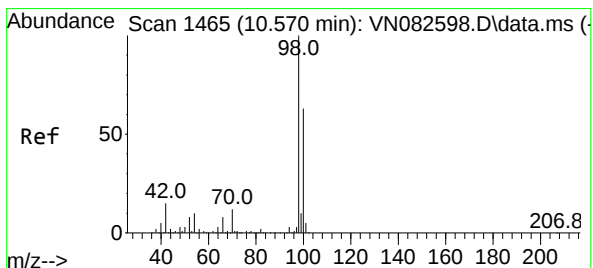
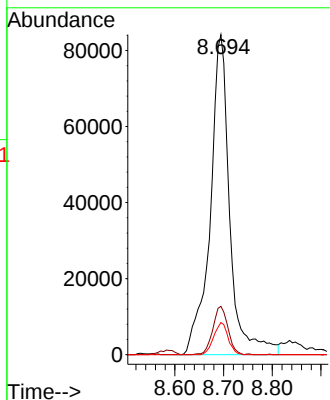
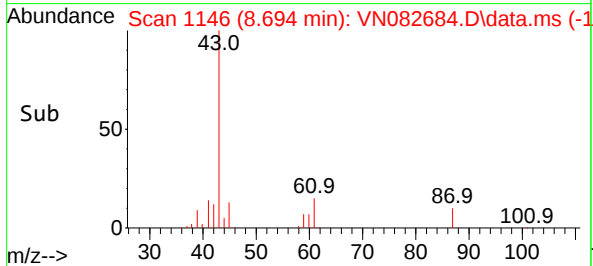
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#01



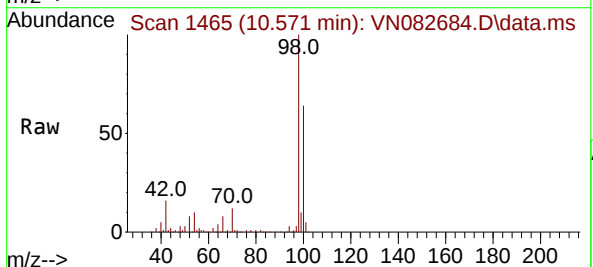
Tgt Ion: 43 Resp: 234248
Ion Ratio Lower Upper
43 100
61 11.6 17.8 26.6
87 7.3 8.2 12.2

Manual Integrations
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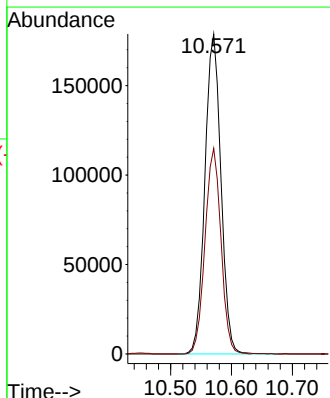
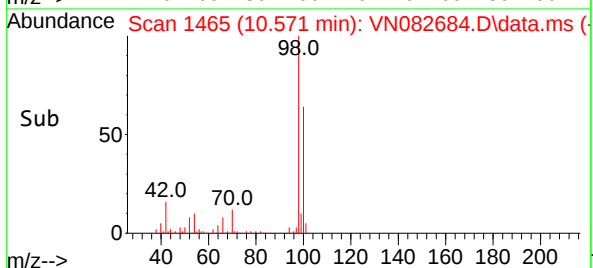
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

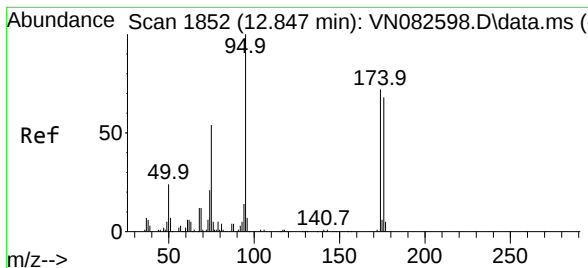


#50
Toluene-d8
Concen: 53.654 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46



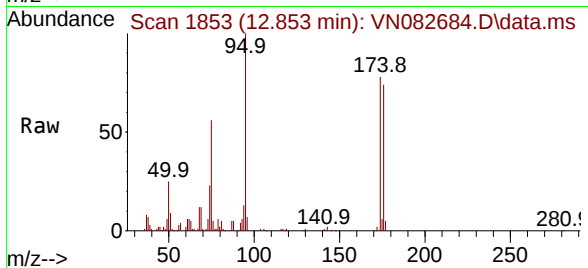
Tgt Ion: 98 Resp: 326730
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3





#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46

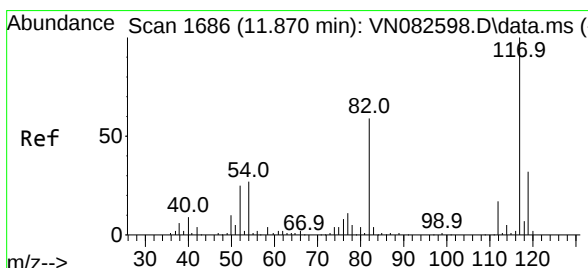
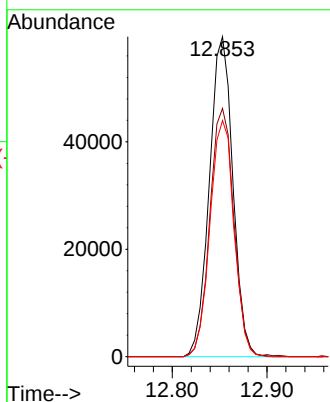
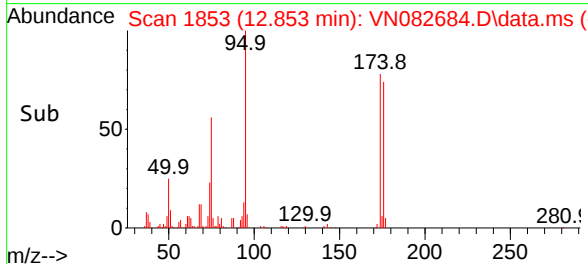
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#01



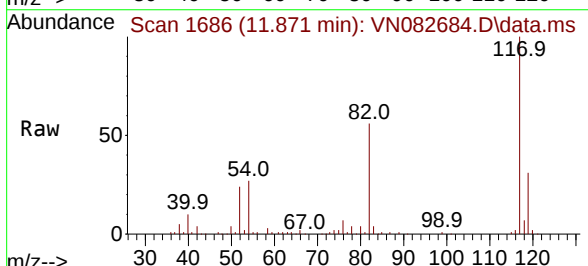
Tgt Ion: 95 Resp: 10268
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 75.2 0.0 147.6

Manual Integrations
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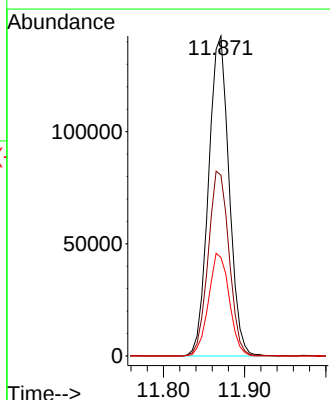
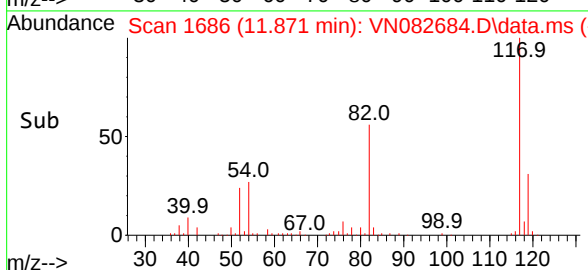
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

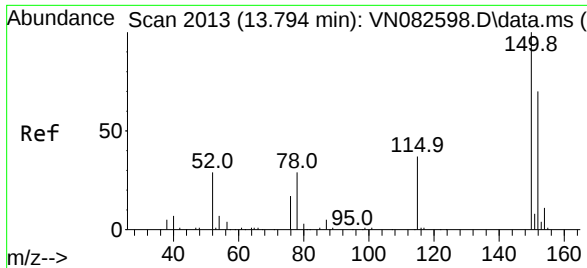


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082684.D
Acq: 21 Jun 2024 17:46



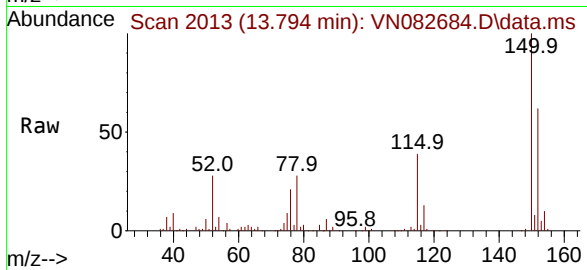
Tgt Ion:117 Resp: 250505
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082684.D
 Acq: 21 Jun 2024 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161606ZHE#01



Tgt Ion:152 Resp: 96000
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.6 91.6
 150 158.7 0.0 348.6

Manual Integrations
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