

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081479.D
 Acq On : 19 Mar 2024 18:32
 Operator : JC\MD
 Sample : P1616-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 196-BAY-AVENUE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2024
 Supervised By : Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 01:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	442829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	798892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	719604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	286091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	286737	50.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.165	113	243204	48.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.480%			
50) Toluene-d8	10.571	98	948139	52.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.040%			
62) 4-Bromofluorobenzene	12.853	95	295116	45.954	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.900%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.524	59	12113	12.308	ug/l	# 94
16) Acetone	4.424	43	50982	27.935	ug/l	95
20) Methylene Chloride	5.283	84	27488	4.598	ug/l	# 88
25) 2-Butanone	7.488	43	51720	16.522	ug/l	93
43) Isopropyl Acetate	8.688	43	341154m	28.327	ug/l	

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

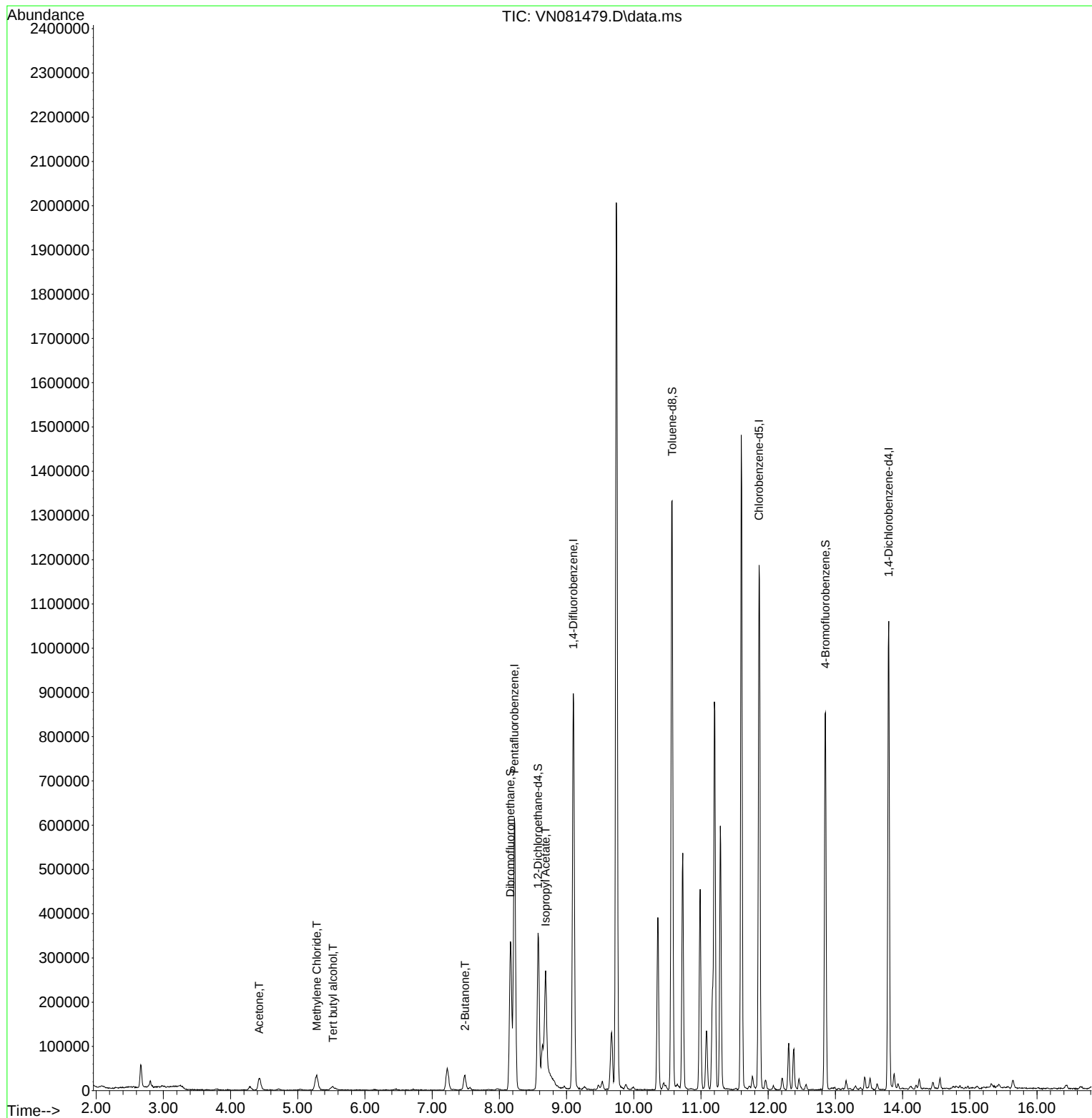
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
Data File : VN081479.D
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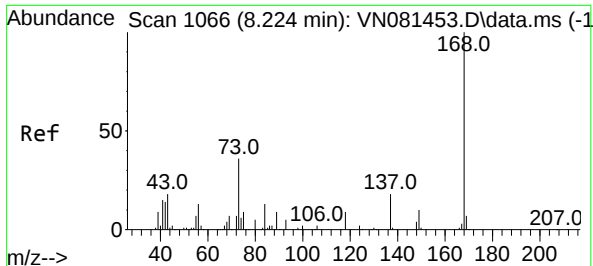
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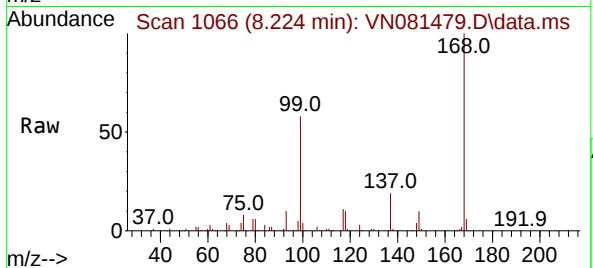
Quant Time: Mar 20 01:22:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

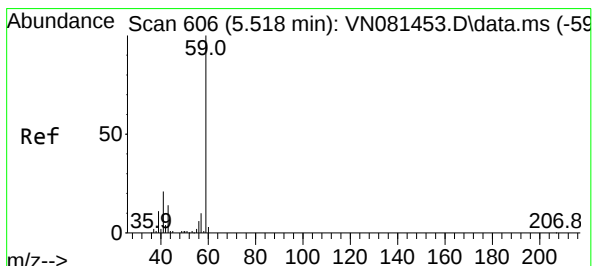
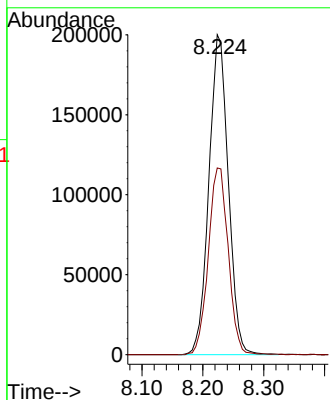
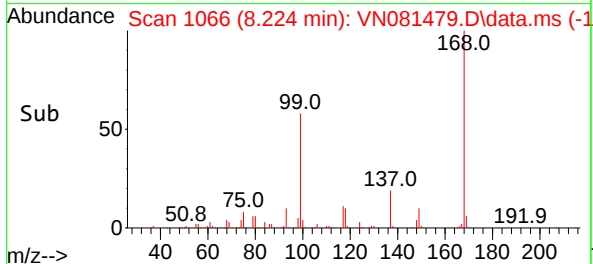
Instrument :
MSVOA_N
ClientSampleId :
196-BAY-AVENUE



Tgt Ion:168 Resp: 442829
Ion Ratio Lower Upper
168 100
99 58.4 59.9 89.9

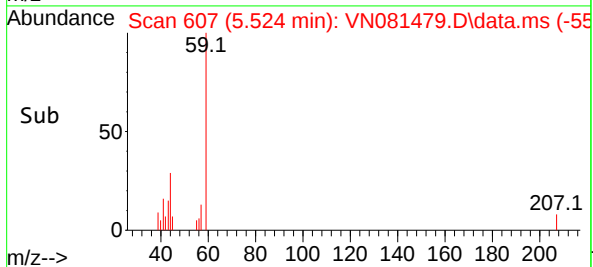
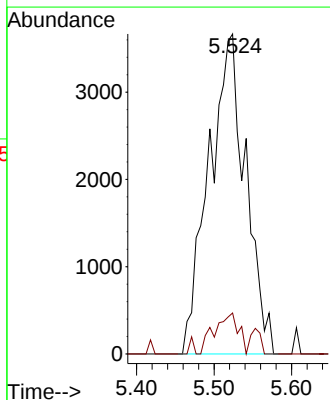
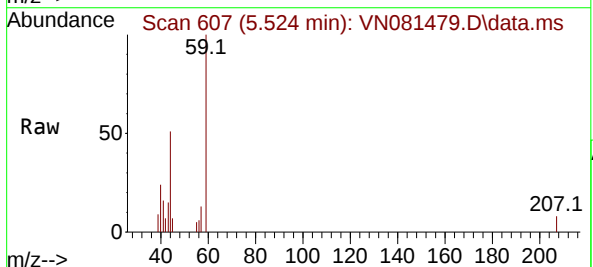
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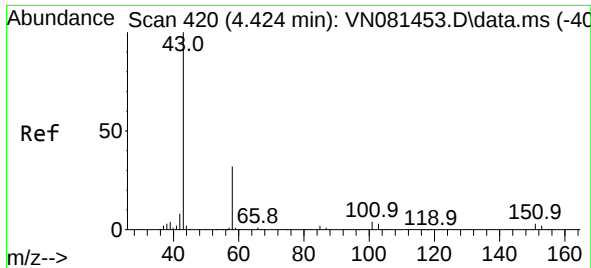
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#11
Tert butyl alcohol
Concen: 12.308 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

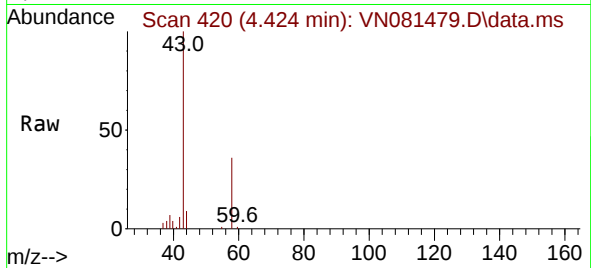
Tgt Ion: 59 Resp: 12113
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8





#16
Acetone
Concen: 27.935 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

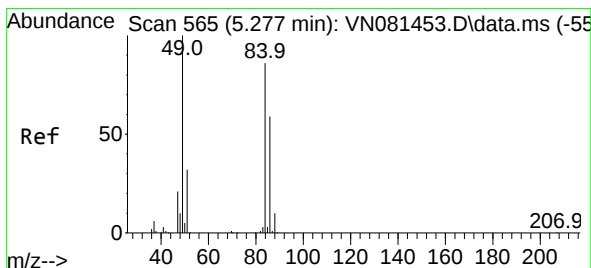
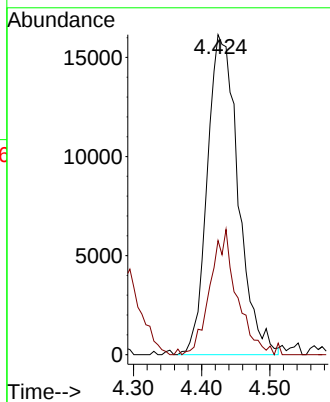
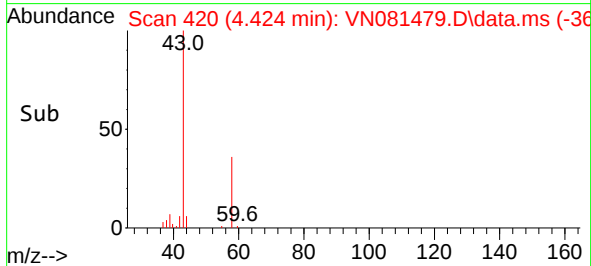
Instrument :
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Tgt Ion: 43 Resp: 5098
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2

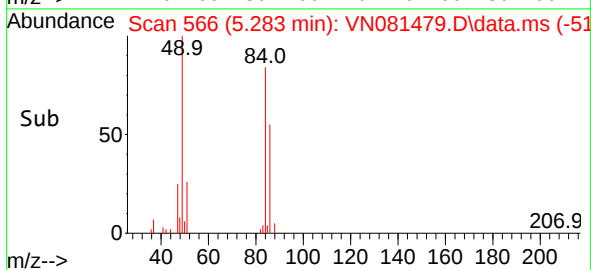
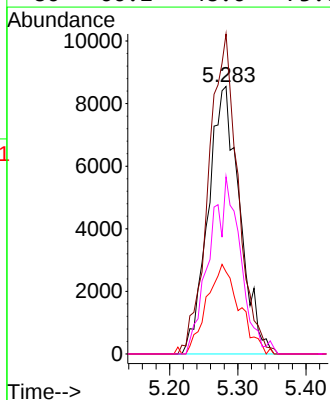
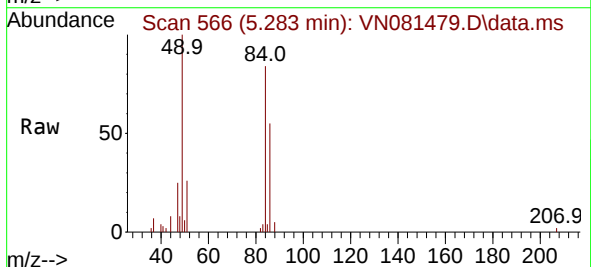
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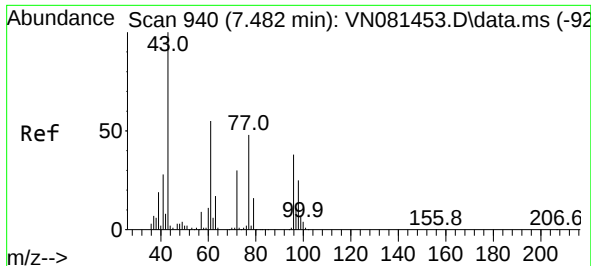
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#20
Methylene Chloride
Concen: 4.598 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

Tgt Ion: 84 Resp: 27488
Ion Ratio Lower Upper
84 100
49 119.6 108.1 162.1
51 30.7 32.9 49.3#
86 66.2 48.6 73.0





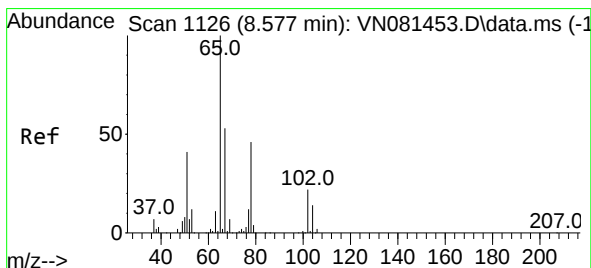
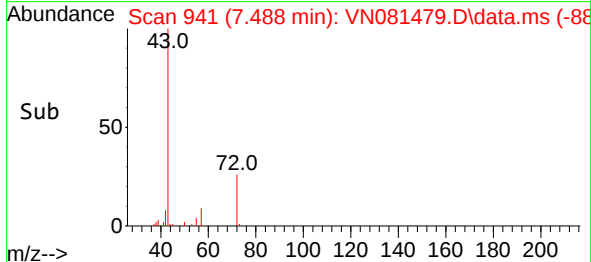
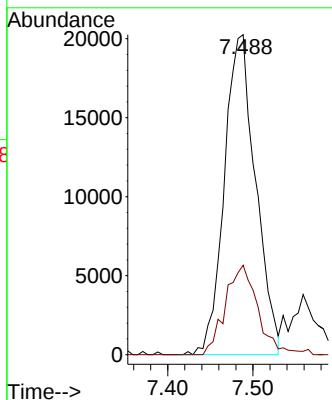
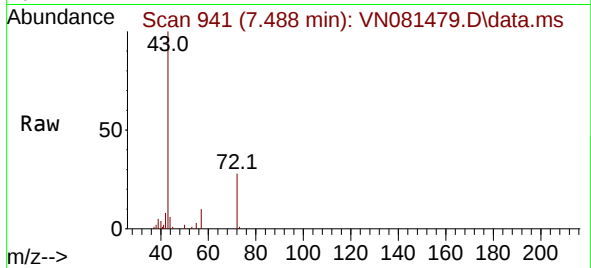
#25
2-Butanone
Concen: 16.522 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
196-BAY-AVENUE

Tgt Ion: 43 Resp: 51720
Ion Ratio Lower Upper
43 100
72 28.0 19.5 29.3

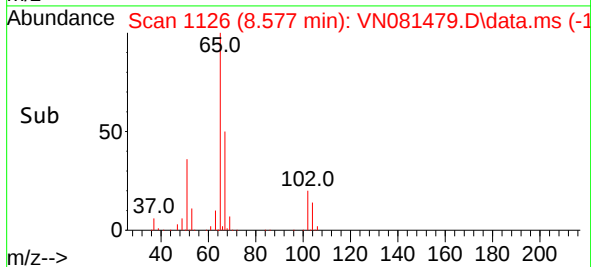
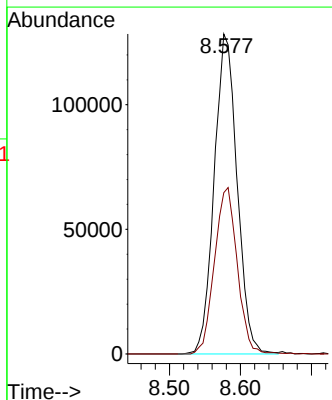
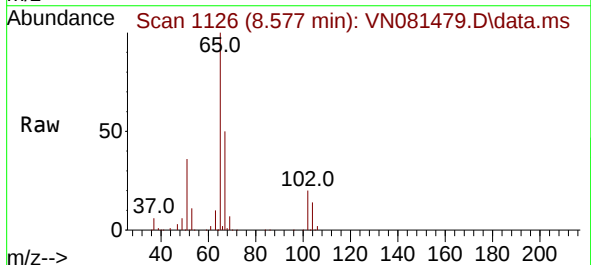
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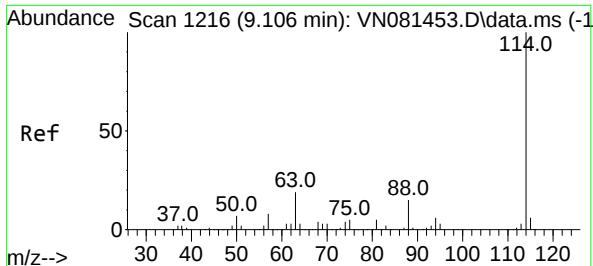
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#33
1,2-Dichloroethane-d4
Concen: 50.775 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

Tgt Ion: 65 Resp: 286737
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081479.D

Acq: 19 Mar 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

196-BAY-AVENUE

Tgt Ion:114 Resp: 798892

Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

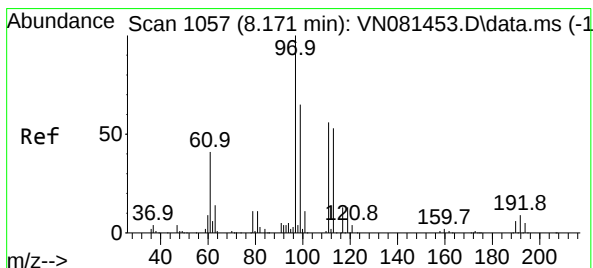
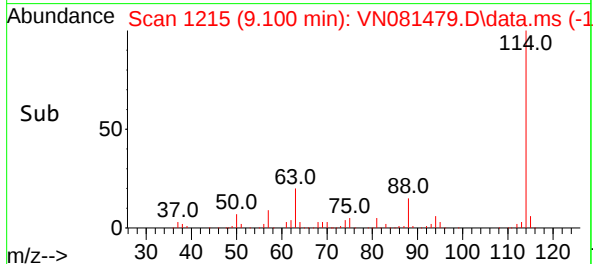
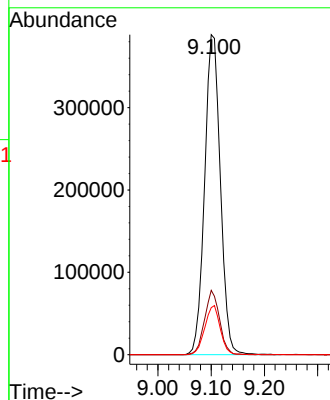
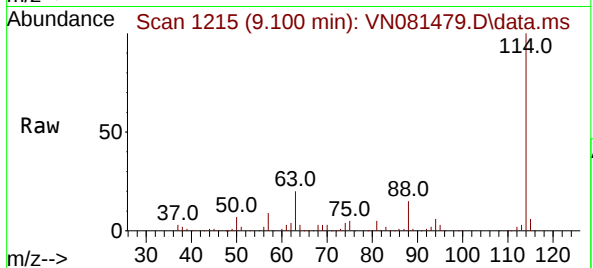
88 14.7 0.0 34.8

Manual Integrations

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Supervised By :Mahesh Dadoda 03/20/2024



#35

Dibromofluoromethane

Concen: 48.237 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081479.D

Acq: 19 Mar 2024 18:32

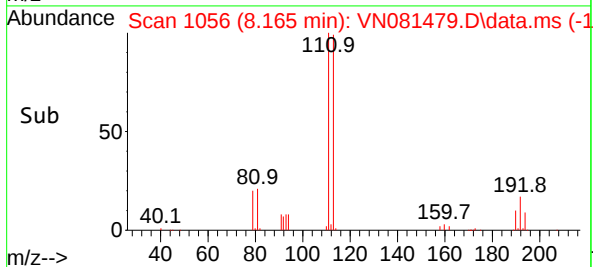
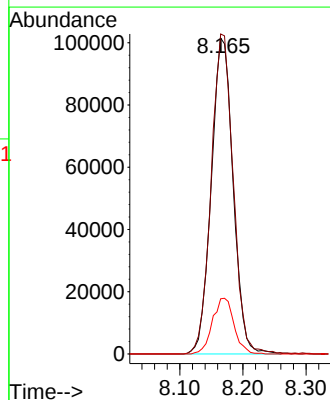
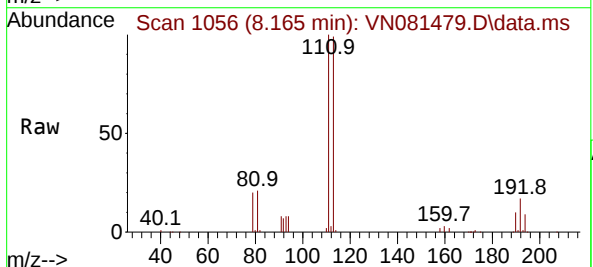
Tgt Ion:113 Resp: 243204

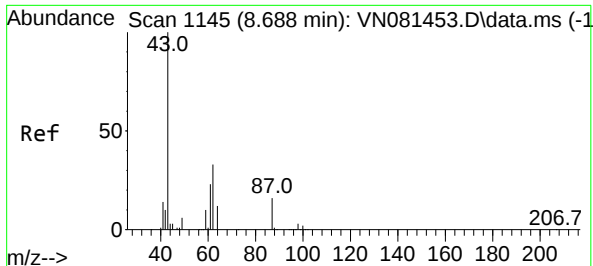
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

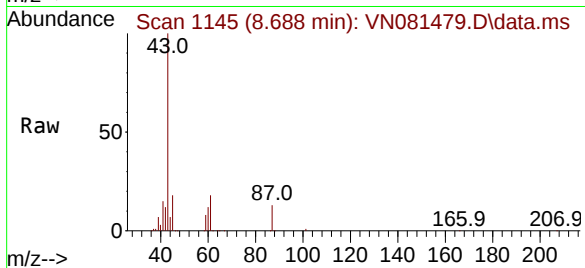
192 17.5 12.5 18.7





#43
Isopropyl Acetate
Concen: 28.327 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

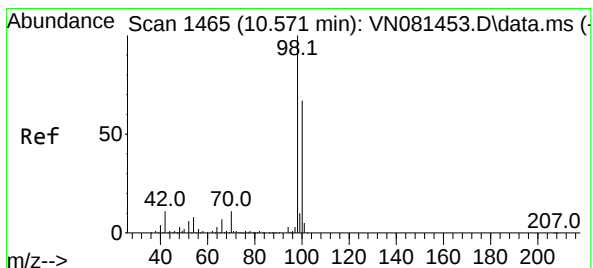
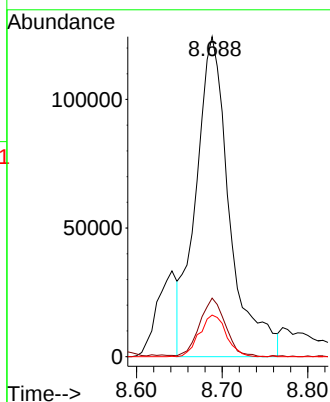
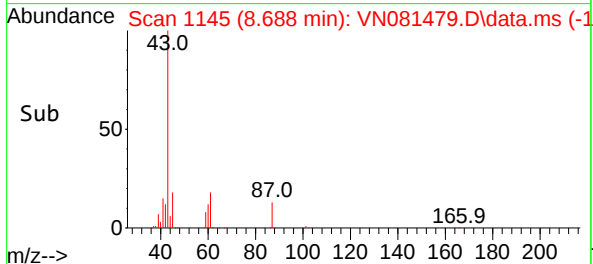
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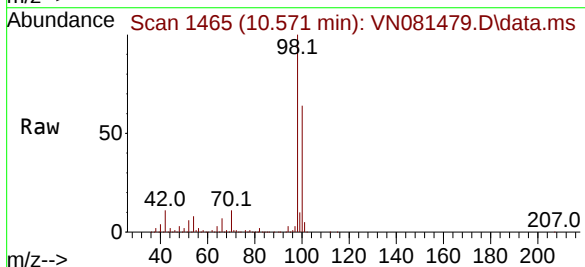
Tgt Ion: 43 Resp: 341154
Ion Ratio Lower Upper
43 100
61 13.9 19.9 29.9
87 10.3 9.0 13.6

Manual Integrations
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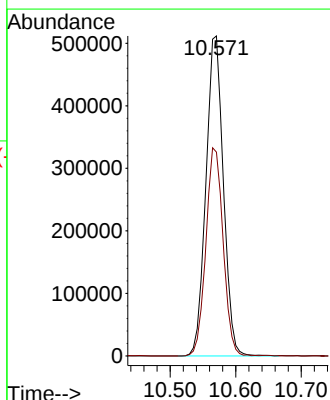
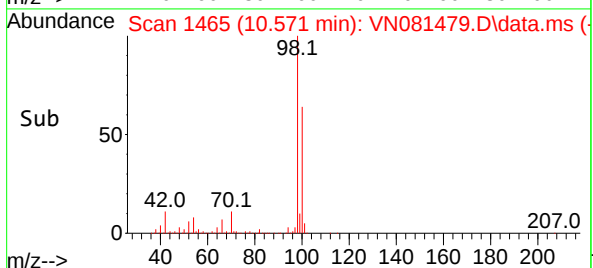
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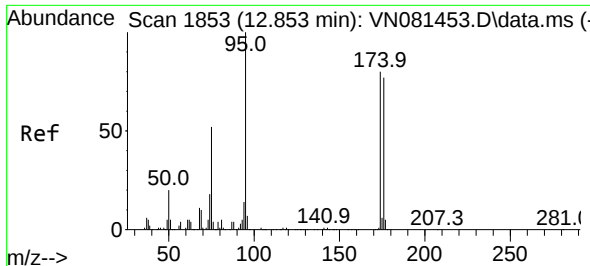


#50
Toluene-d8
Concen: 52.022 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32



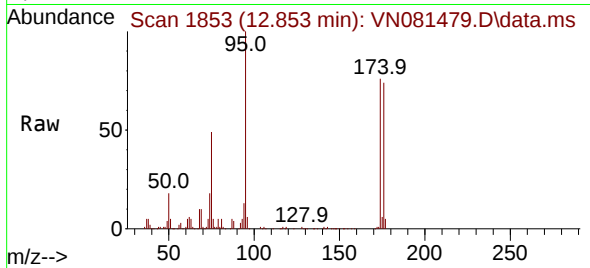
Tgt Ion: 98 Resp: 948139
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 45.954 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32

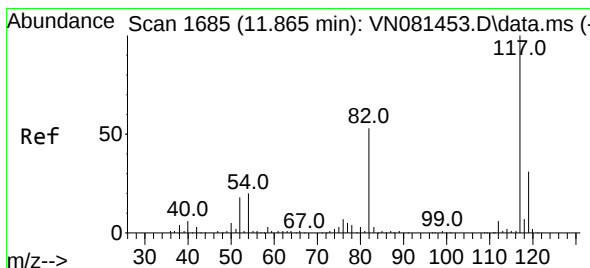
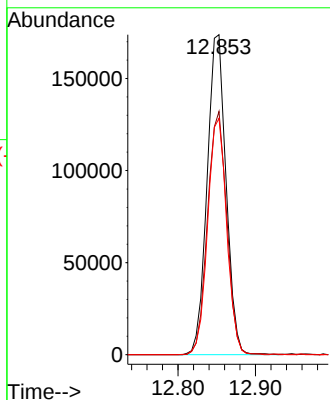
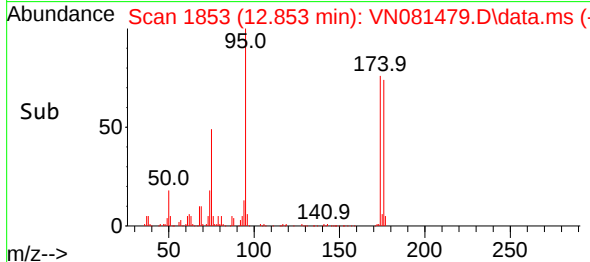
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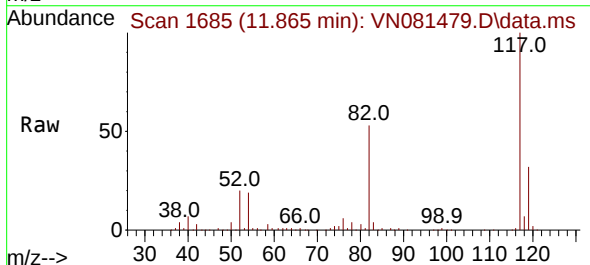
Tgt Ion: 95 Resp: 295110
Ion Ratio Lower Upper
95 100
174 77.4 0.0 120.4
176 74.2 0.0 121.0

Manual Integrations
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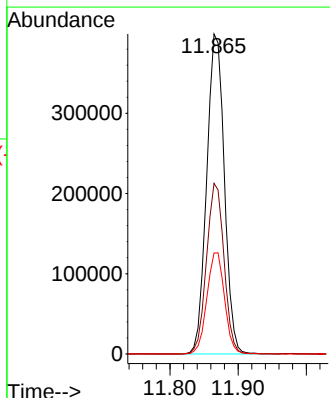
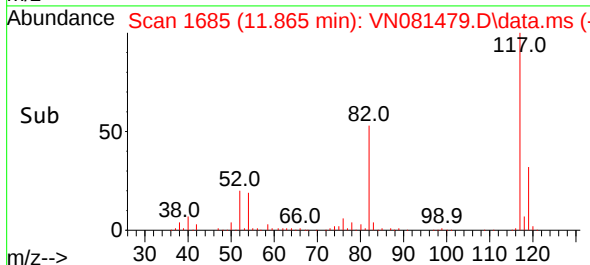
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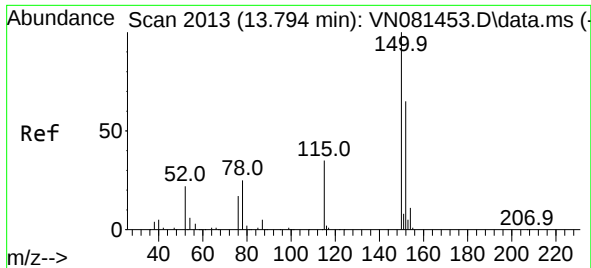


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081479.D
Acq: 19 Mar 2024 18:32



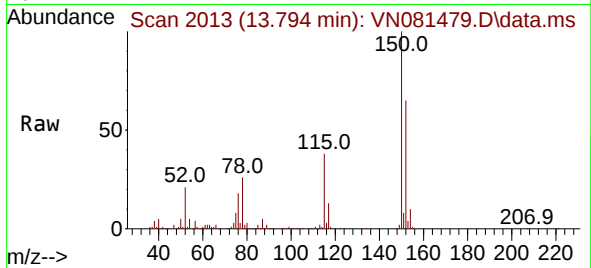
Tgt Ion:117 Resp: 719604
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 31.5 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081479.D
 Acq: 19 Mar 2024 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 196-BAY-AVENUE



Tgt Ion:152 Resp: 28609
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 158.9 0.0 339.8

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