

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081327.D
 Acq On : 06 Mar 2024 15:26
 Operator : JC\MD
 Sample : P1672-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 00:27:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	311432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	516570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232730	51.684	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	8.171	113	180127	51.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	10.571	98	695485	53.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.500%			
62) 4-Bromofluorobenzene	12.853	95	217714	47.165	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.340%			
Target Compounds						
						Qvalue
16) Acetone	4.430	43	38403	24.071	ug/l	95
20) Methylene Chloride	5.271	84	14234m	2.852	ug/l	
37) Ethyl Acetate	7.577	43	6751	1.225	ug/l	95
43) Isopropyl Acetate	8.688	43	320801	33.266	ug/l #	82

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

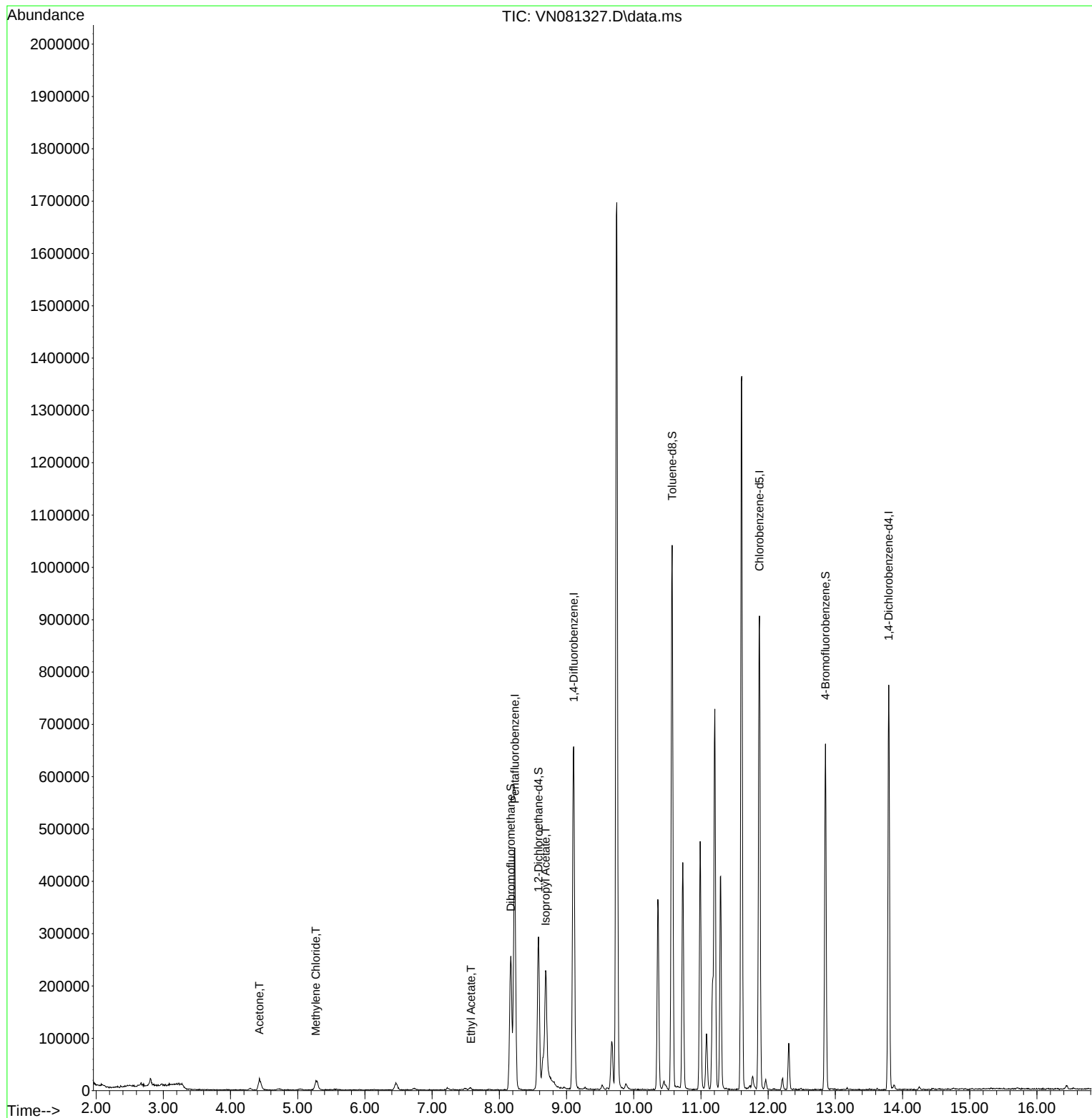
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
Data File : VN081327.D
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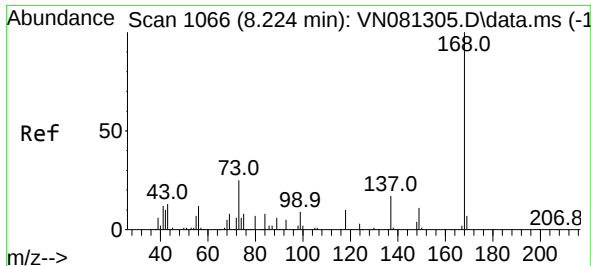
Instrument :
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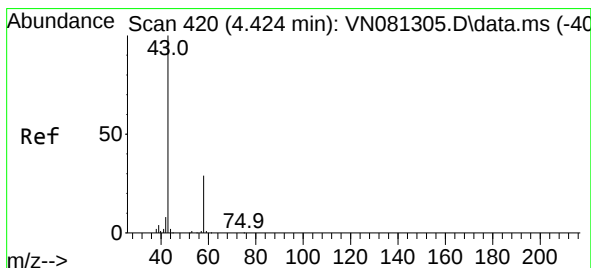
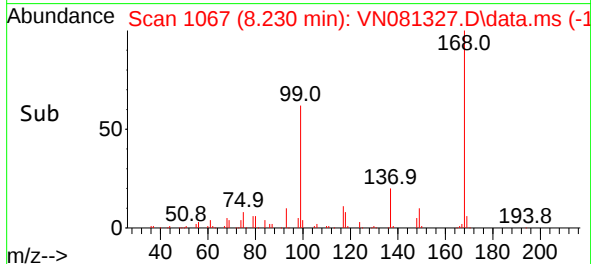
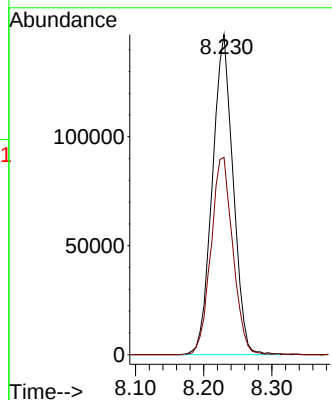
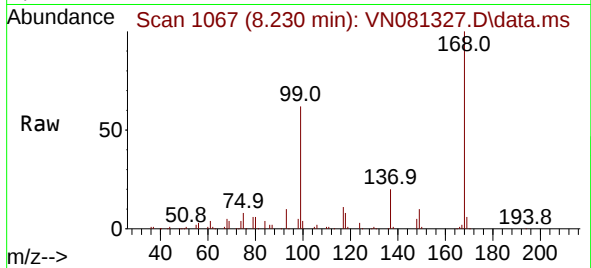
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 31143
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9

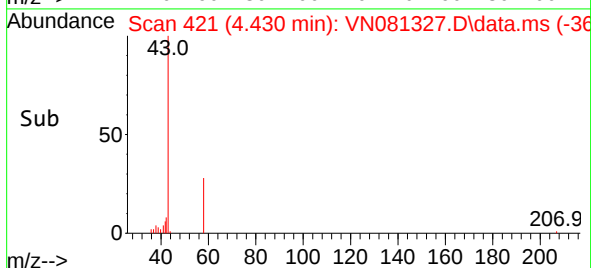
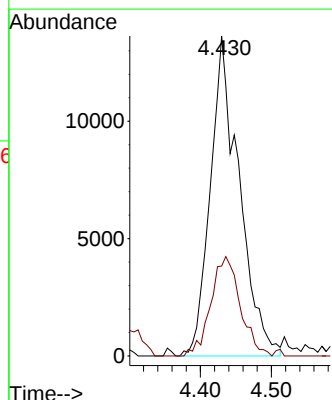
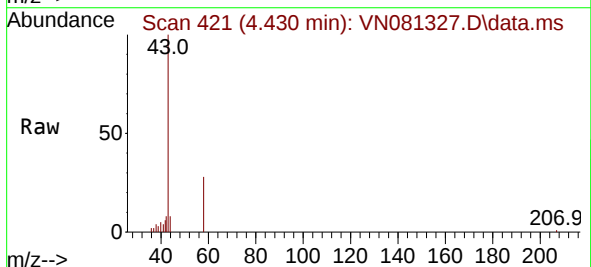
Manual Integrations
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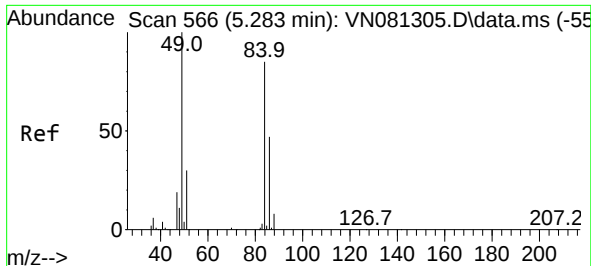
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 24.071 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

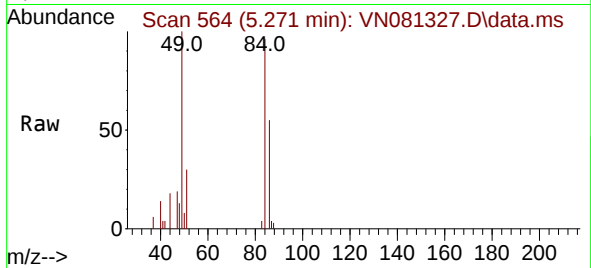
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Ion Ratio Lower Upper
43 100
58 28.1 24.8 37.2





#20
Methylene Chloride
Concen: 2.852 ug/l m
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

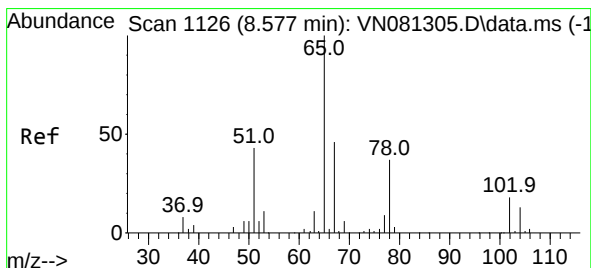
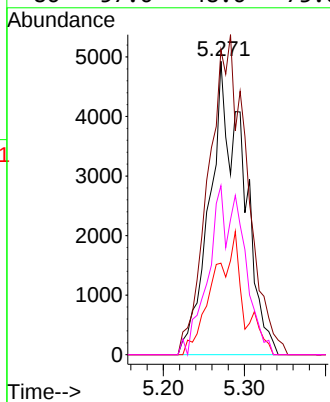
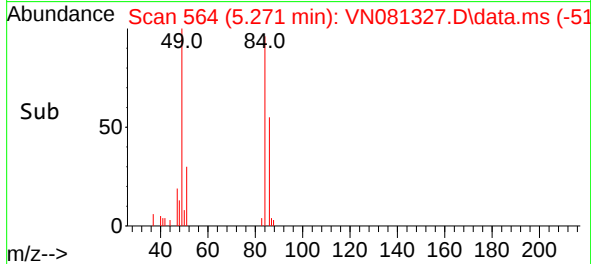
Instrument :
MSVOA_N
ClientSampleId :
TP-5



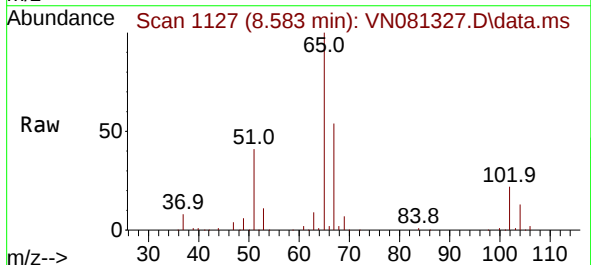
Tgt Ion: 84 Resp: 14234
Ion Ratio Lower Upper
84 100
49 103.9 108.1 162.1
51 31.2 32.9 49.3
86 57.6 48.6 73.0

Manual Integrations
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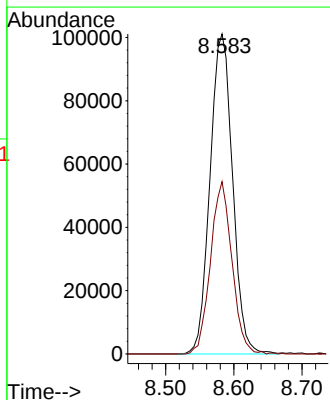
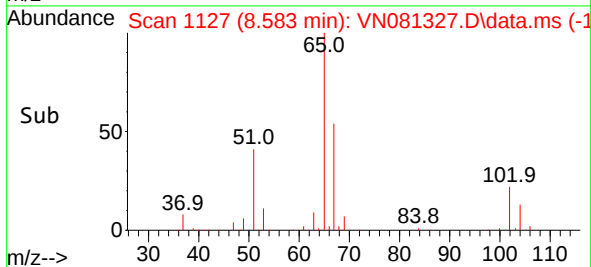
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

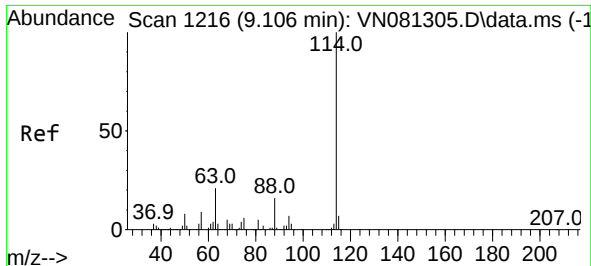


#33
1,2-Dichloroethane-d4
Concen: 51.684 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26



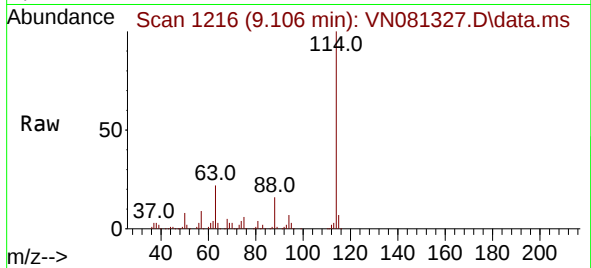
Tgt Ion: 65 Resp: 232730
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

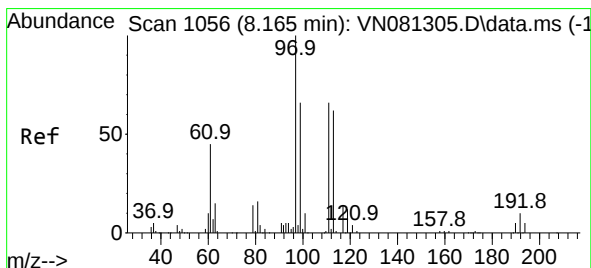
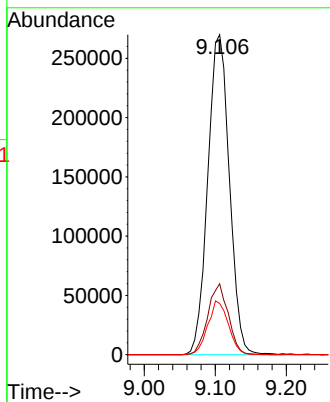
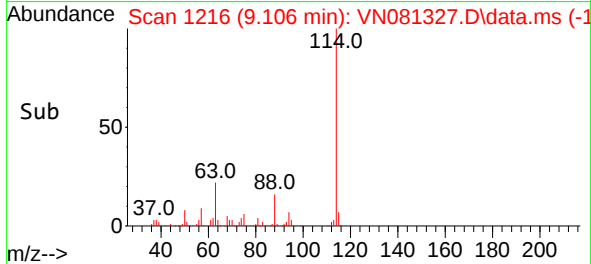
Instrument :
MSVOA_N
ClientSampleId :
TP-5



Tgt Ion:114 Resp: 57024
Ion Ratio Lower Upper
114 100
63 22.2 0.0 48.0
88 16.0 0.0 34.8

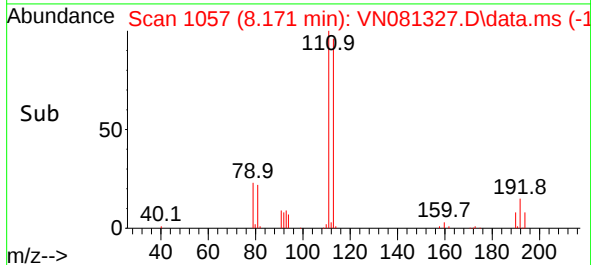
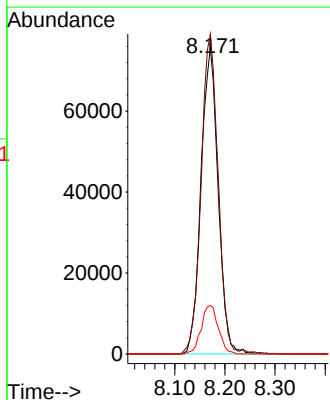
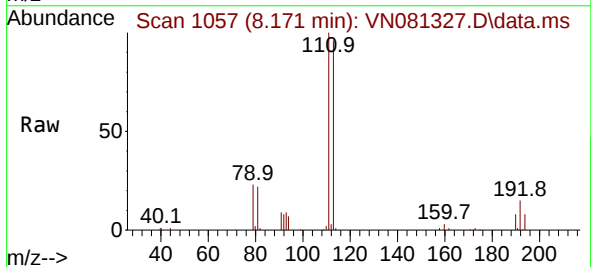
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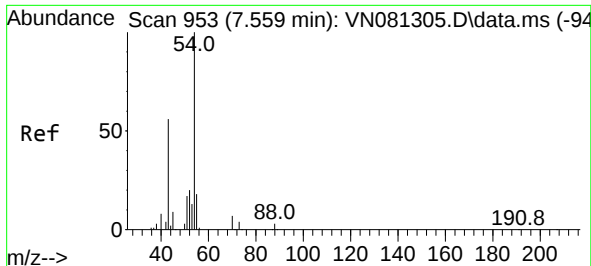
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#35
Dibromofluoromethane
Concen: 51.558 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

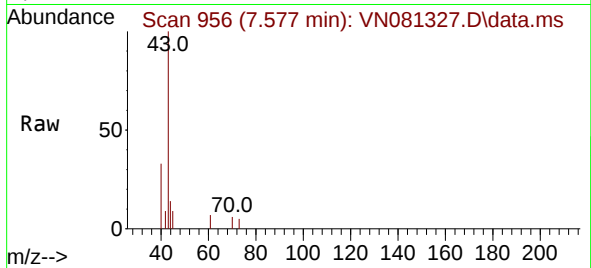
Tgt Ion:113 Resp: 180127
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 15.8 12.5 18.7





#37
Ethyl Acetate
Concen: 1.225 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

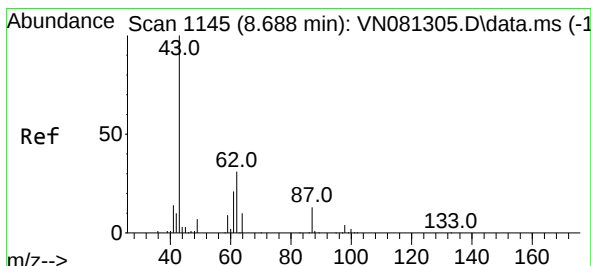
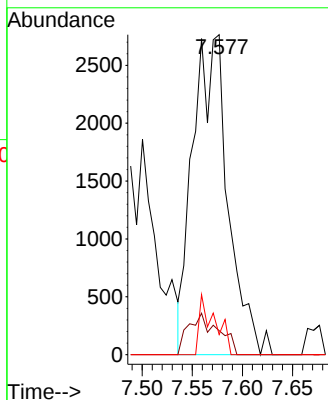
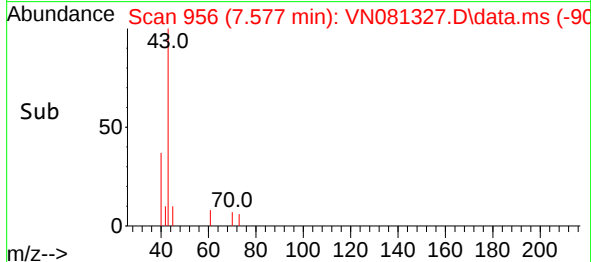
Instrument :
MSVOA_N
ClientSampleId :
TP-5



Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
61 10.9 10.6 15.8
70 8.4 8.0 12.0

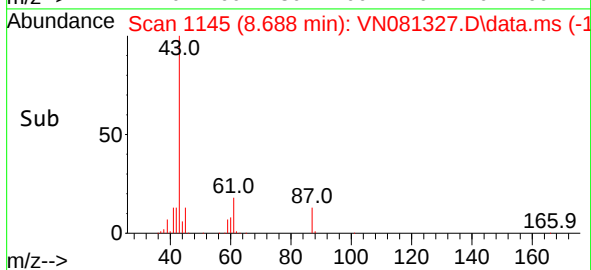
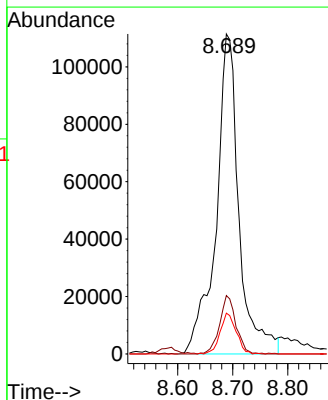
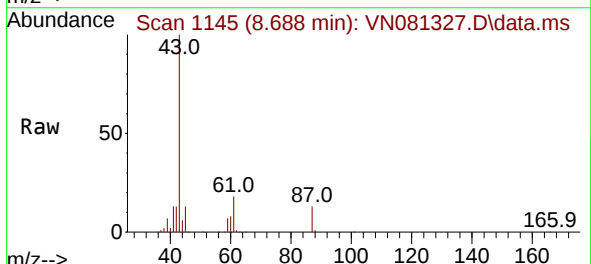
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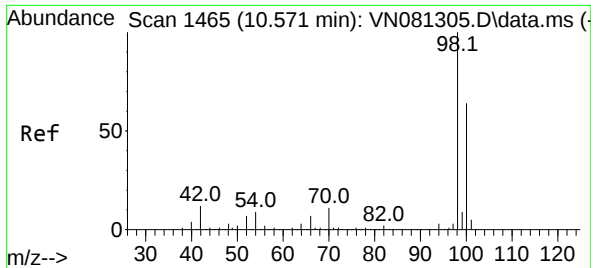
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#43
Isopropyl Acetate
Concen: 33.266 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

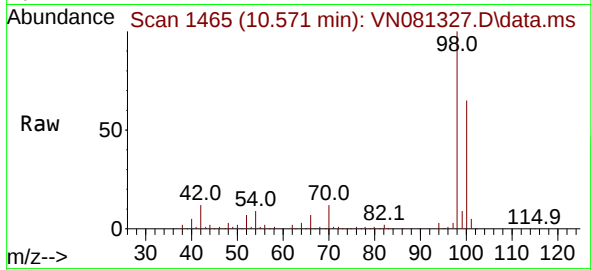
Tgt Ion: 43 Resp: 320801
Ion Ratio Lower Upper
43 100
61 13.1 19.9 29.9#
87 9.0 9.0 13.6#





#50
Toluene-d8
Concen: 53.252 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

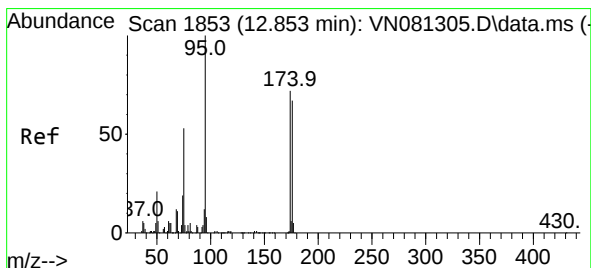
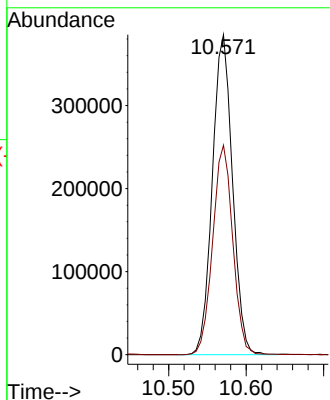
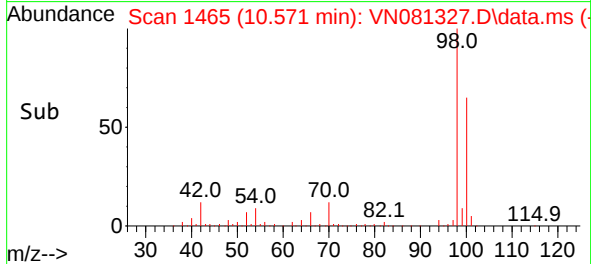
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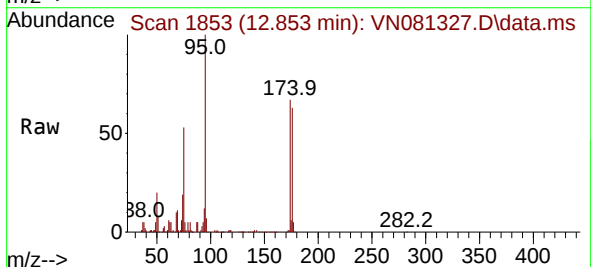
Tgt Ion: 98 Resp: 69548
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0

Manual Integrations
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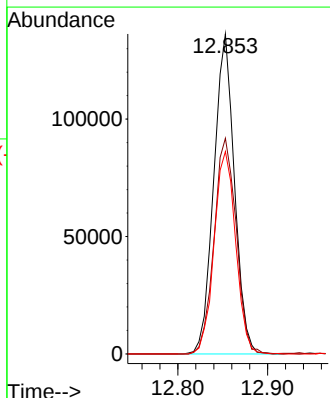
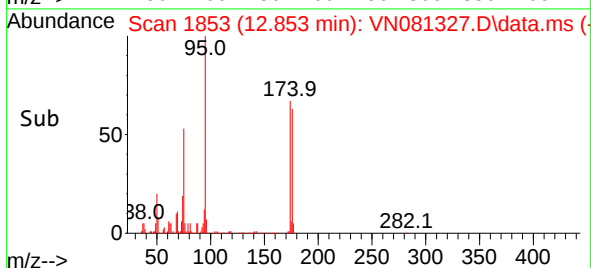
Reviewed By :John Carlone 03/07/2024
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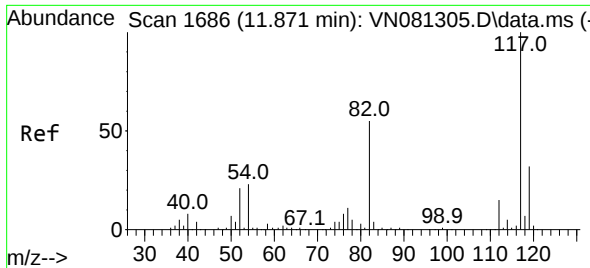


#62
4-Bromofluorobenzene
Concen: 47.165 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26



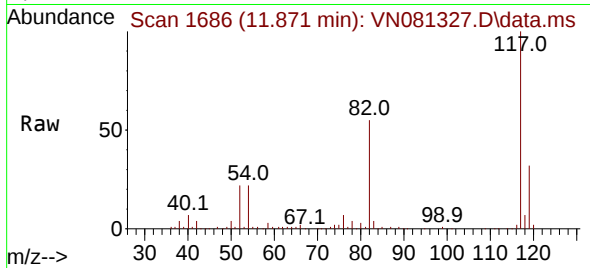
Tgt Ion: 95 Resp: 217714
Ion Ratio Lower Upper
95 100
174 72.2 0.0 120.4
176 66.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26

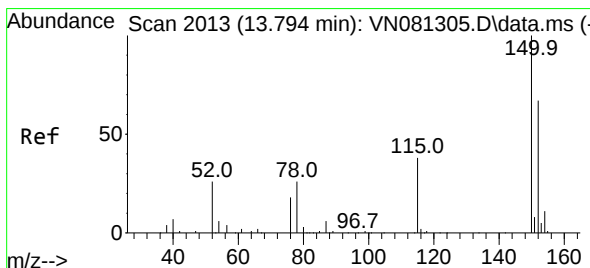
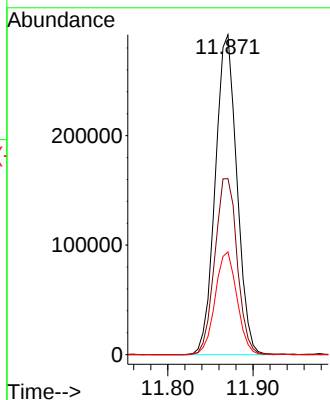
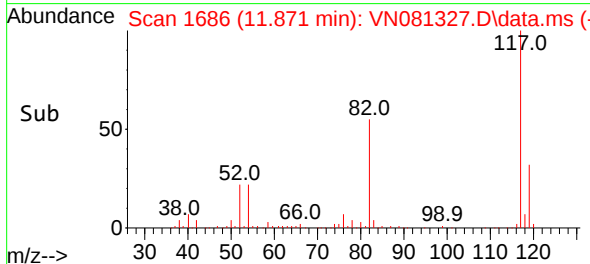
Instrument :
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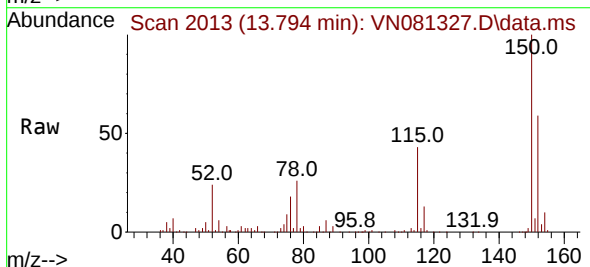
Tgt Ion:117 Resp: 516570
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 32.1 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081327.D
Acq: 06 Mar 2024 15:26



Tgt Ion:152 Resp: 193955
Ion Ratio Lower Upper
152 100
115 67.3 32.3 96.8
150 160.7 0.0 339.8

