

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081075.D
 Acq On : 19 Feb 2024 14:54
 Operator : JC\MD
 Sample : PB159057ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 00:22:34 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	8.224	168	391760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	748629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	658939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	285013	59.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.700%			
35) Dibromofluoromethane	8.171	113	226234	53.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	10.571	98	886195	58.940	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 117.880%#			
62) 4-Bromofluorobenzene	12.847	95	296134	52.417	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.840%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	52085	27.566	ug/l	97
18) Methyl Acetate	5.030	43	4633m	1.005	ug/l	
20) Methylene Chloride	5.289	84	25775	4.426	ug/l #	77
37) Ethyl Acetate	7.559	43	8540	1.305	ug/l #	91
43) Isopropyl Acetate	8.688	43	380645	33.251	ug/l #	86

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

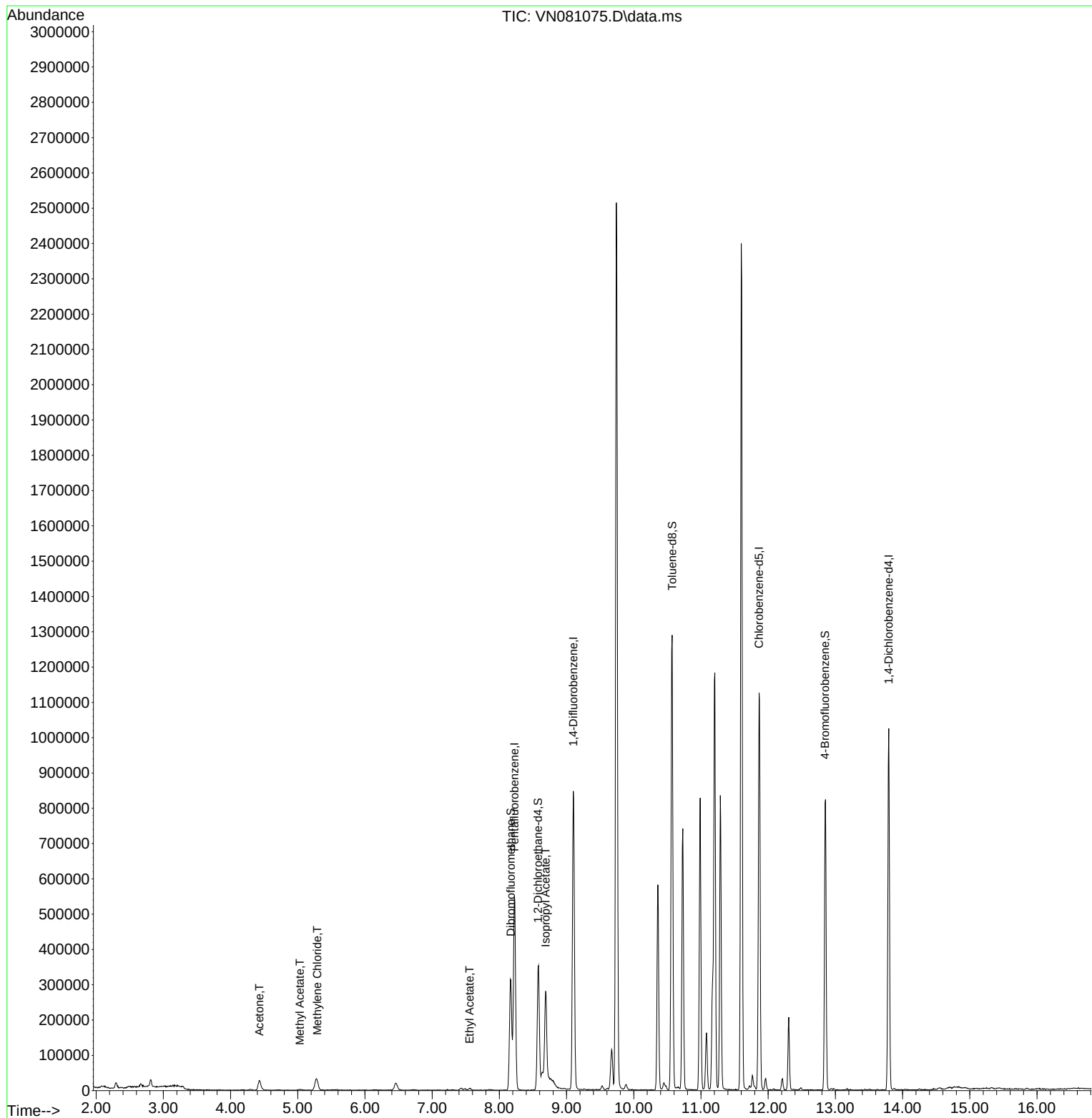
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
Data File : VN081075.D
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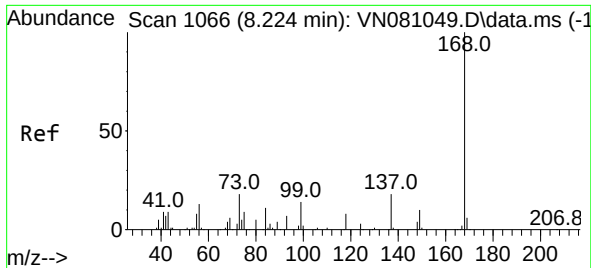
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#03

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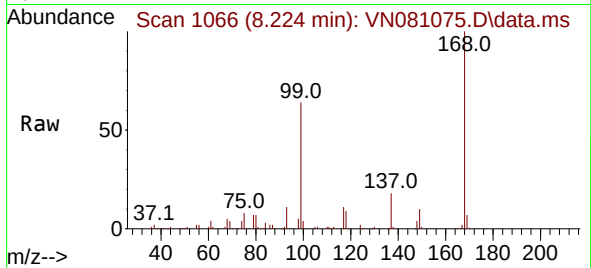
Quant Time: Feb 20 00:22:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

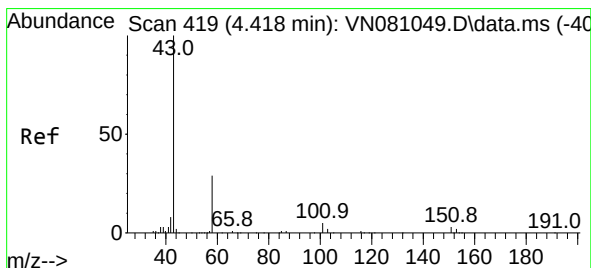
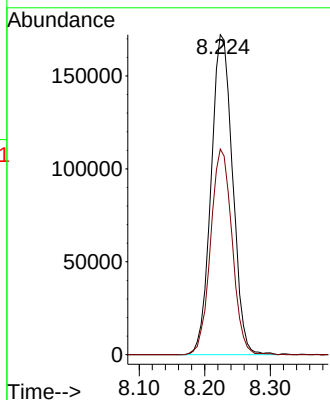
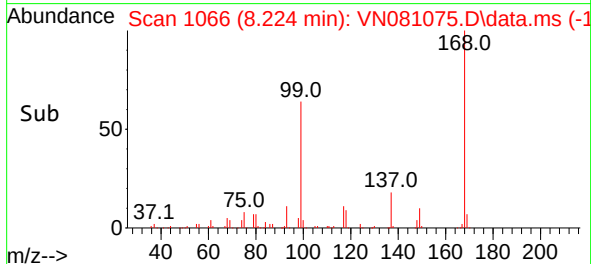
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#03



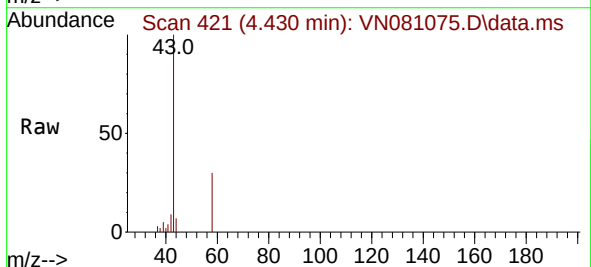
Tgt Ion:168 Resp: 391760
Ion Ratio Lower Upper
168 100
99 64.2 59.9 89.9

Manual Integrations
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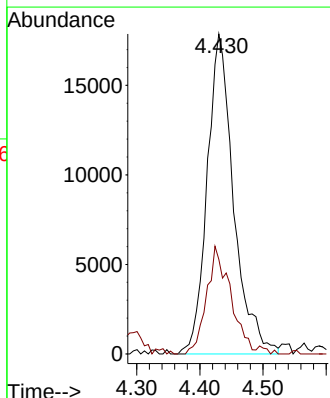
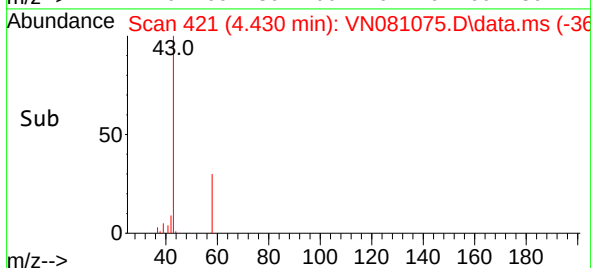
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

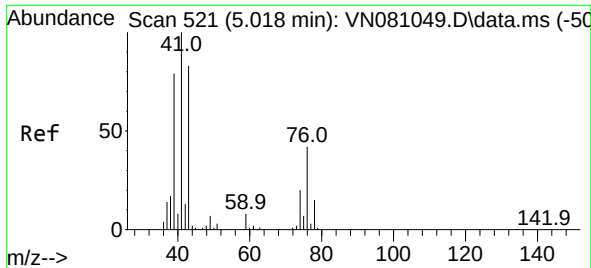


#16
Acetone
Concen: 27.566 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54



Tgt Ion: 43 Resp: 52085
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2





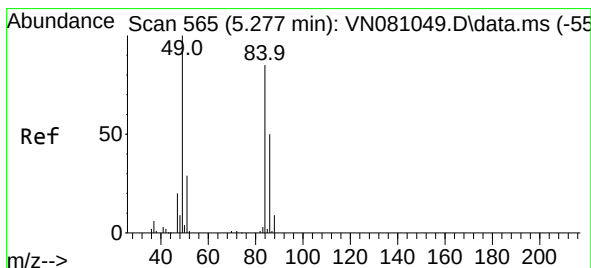
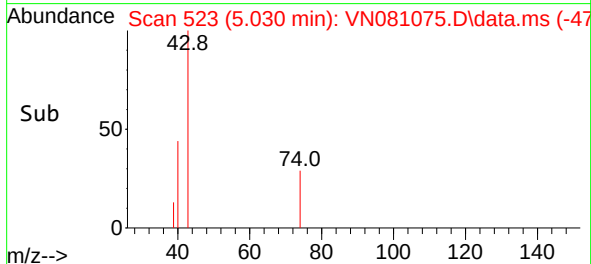
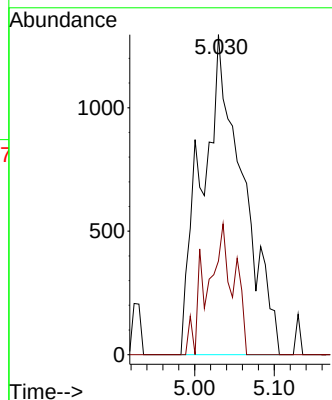
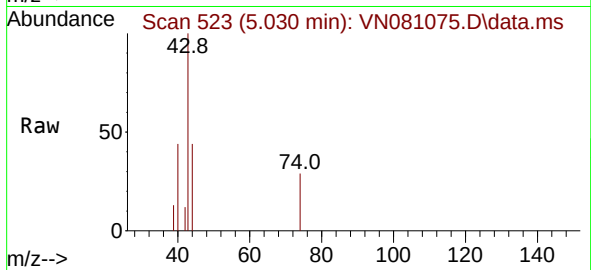
#18
Methyl Acetate
Concen: 1.005 ug/l m
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#03

Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
74 26.6 17.3 25.9

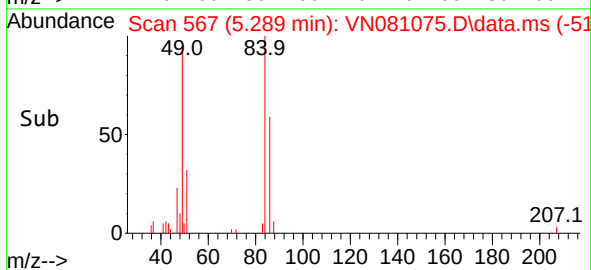
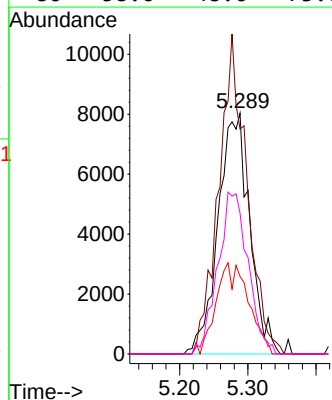
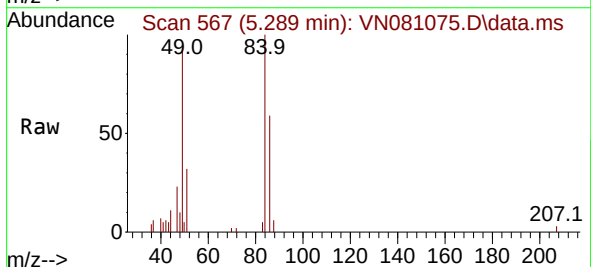
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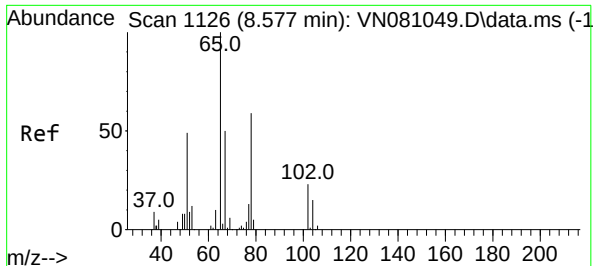
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 4.426 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

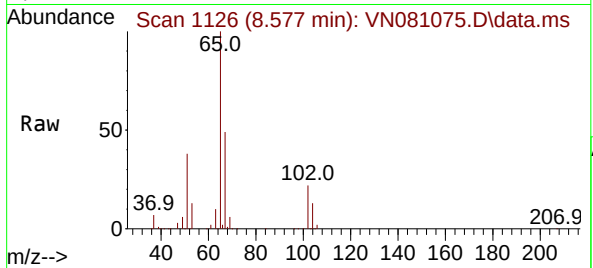
Tgt Ion: 84 Resp: 25775
Ion Ratio Lower Upper
84 100
49 93.5 108.1 162.1#
51 32.2 32.9 49.3#
86 58.6 48.6 73.0





#33
1,2-Dichloroethane-d4
Concen: 59.354 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

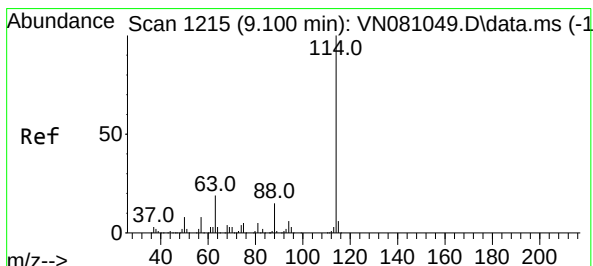
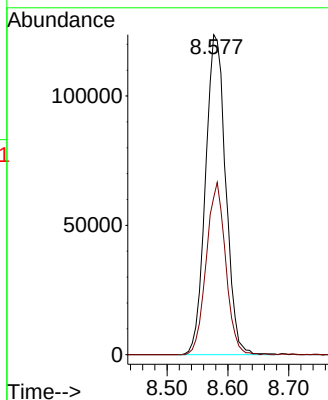
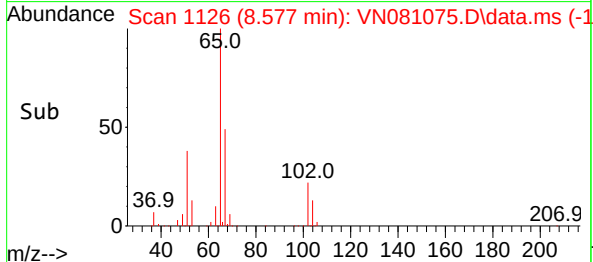
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#03



Tgt Ion: 65 Resp: 28501
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

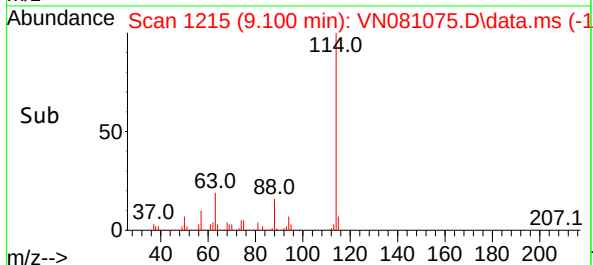
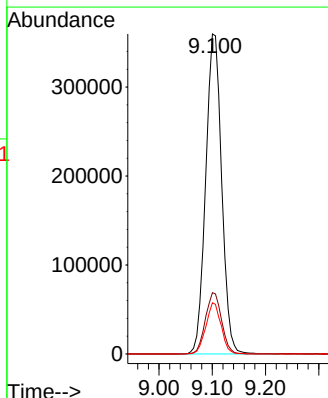
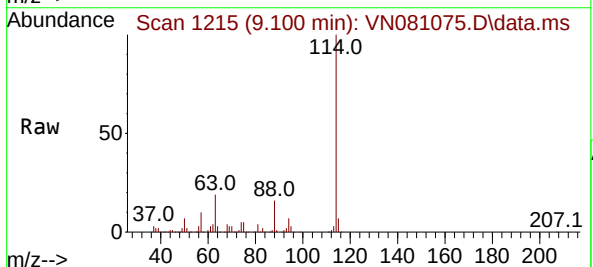
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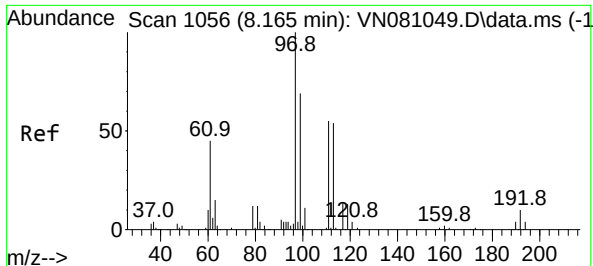
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

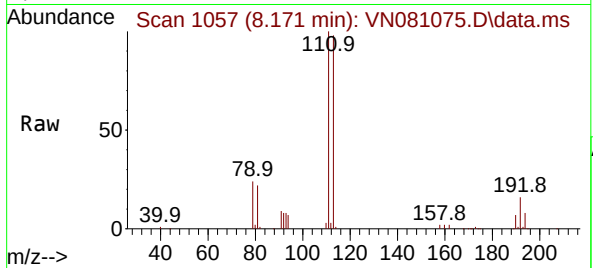
Tgt Ion:114 Resp: 748629
Ion Ratio Lower Upper
114 100
63 19.2 0.0 48.0
88 16.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.442 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

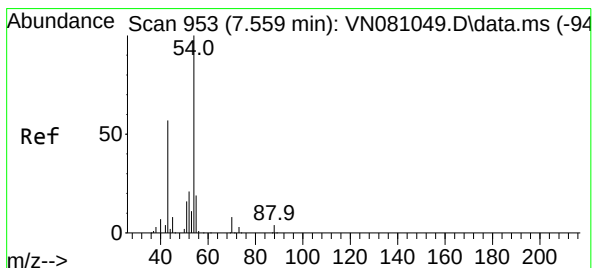
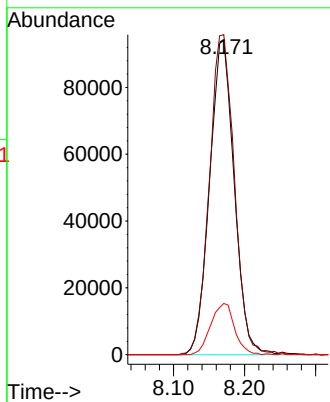
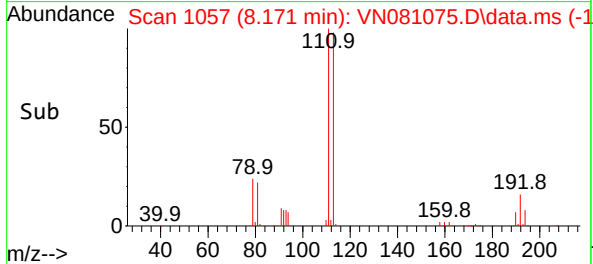
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#03



Tgt Ion: 113 Resp: 226234
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 15.8 12.5 18.7

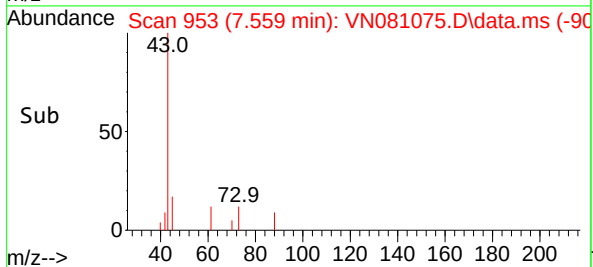
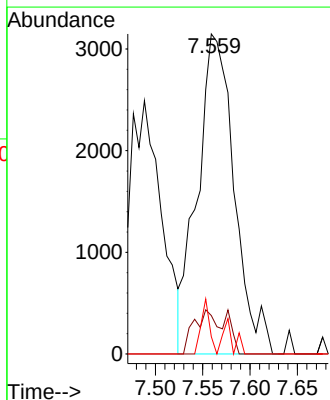
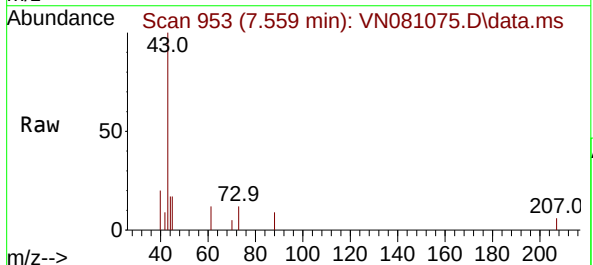
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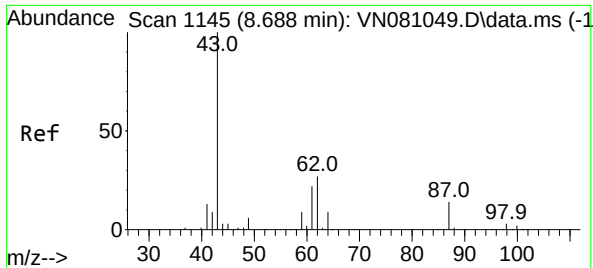
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#37
Ethyl Acetate
Concen: 1.305 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

Tgt Ion: 43 Resp: 8540
Ion Ratio Lower Upper
43 100
61 11.6 10.6 15.8
70 4.0 8.0 12.0#





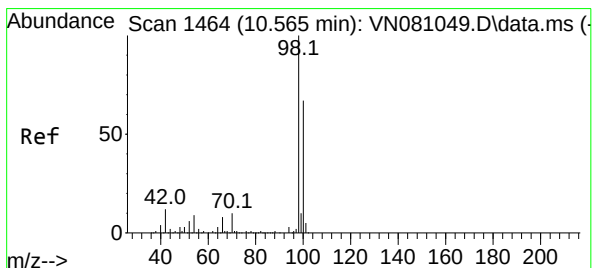
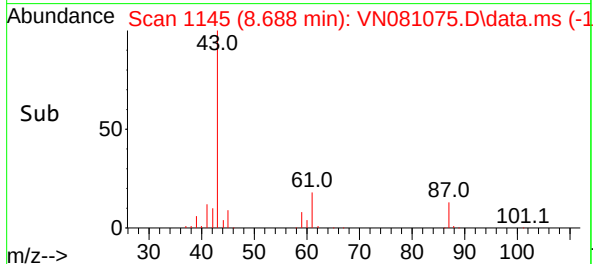
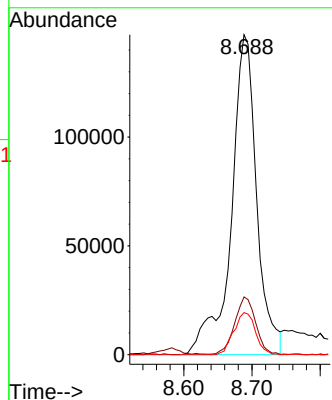
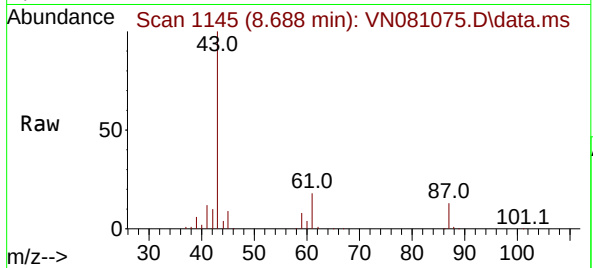
#43
Isopropyl Acetate
Concen: 33.251 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#03

Tgt Ion: 43 Resp: 380649
Ion Ratio Lower Upper
43 100
61 14.8 19.9 29.9
87 11.2 9.0 13.6

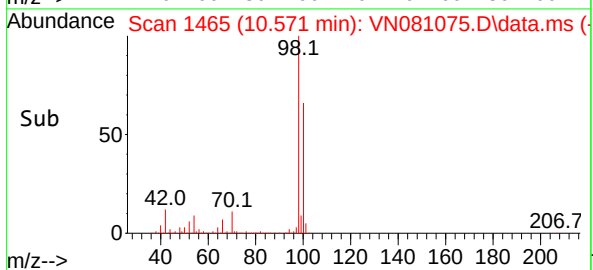
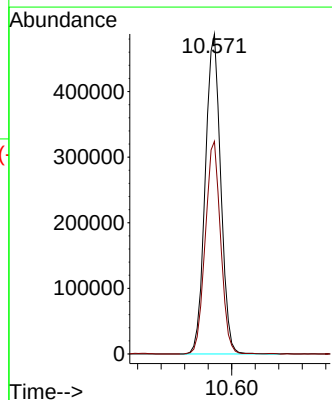
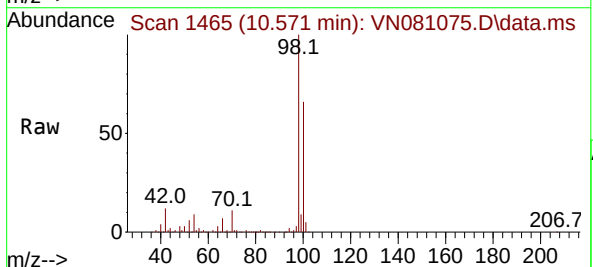
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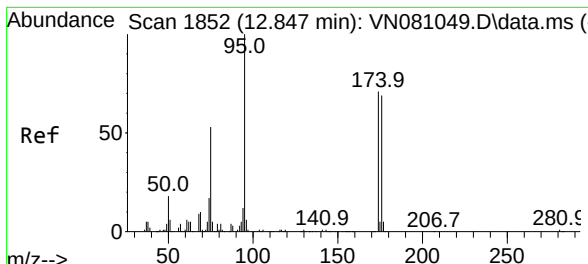
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#50
Toluene-d8
Concen: 58.940 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081075.D
Acq: 19 Feb 2024 14:54

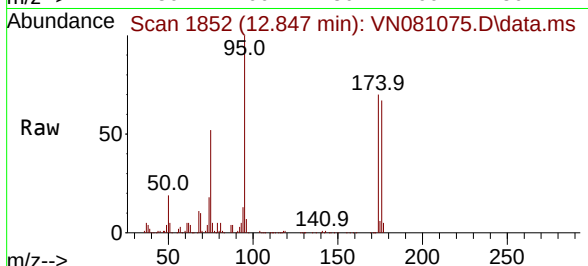
Tgt Ion: 98 Resp: 886195
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0





#62
 4-Bromofluorobenzene
 Concen: 52.417 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN081075.D
 Acq: 19 Feb 2024 14:54

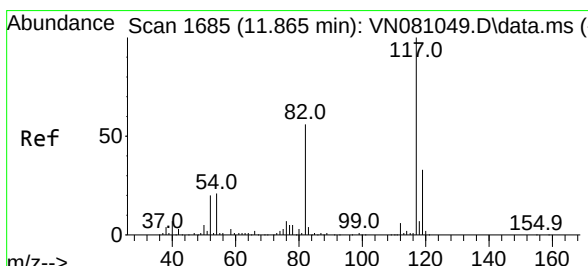
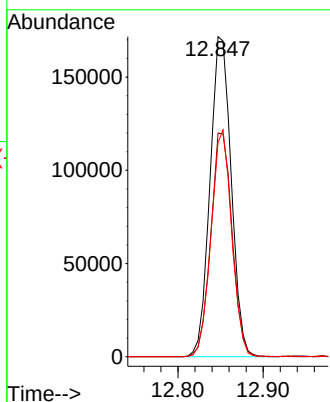
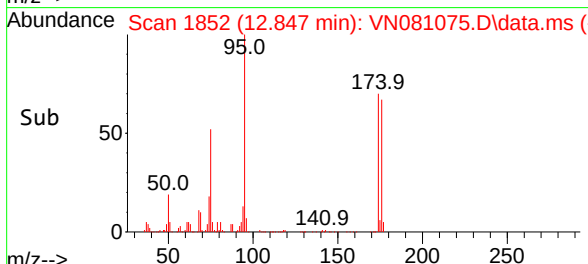
Instrument : MSVOA_N
 ClientSampleId : PB159057ZHE#03



Tgt Ion:	95	Resp:	296134
Ion Ratio	Lower	Upper	
95	100		
174	70.5	0.0	120.4
176	68.7	0.0	121.0

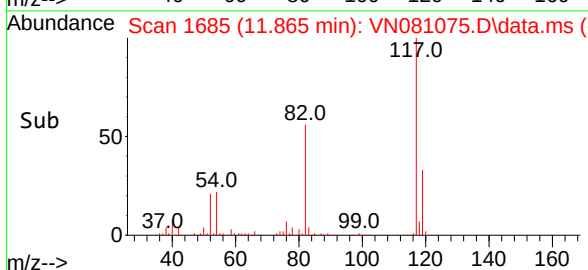
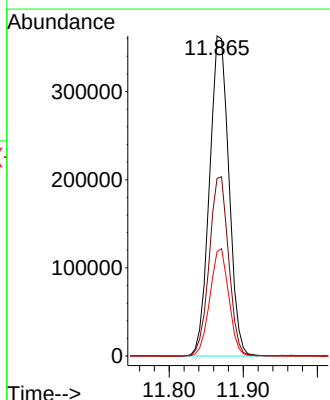
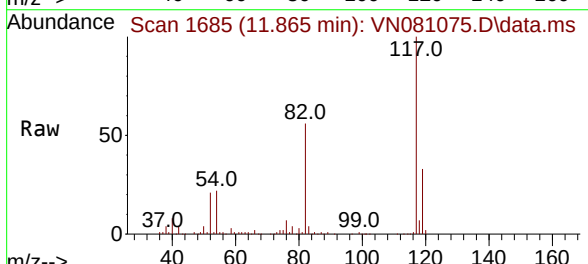
Manual Integrations
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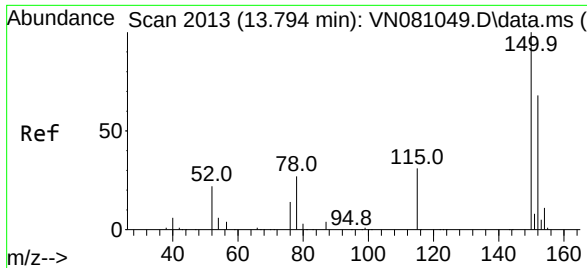
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081075.D
 Acq: 19 Feb 2024 14:54

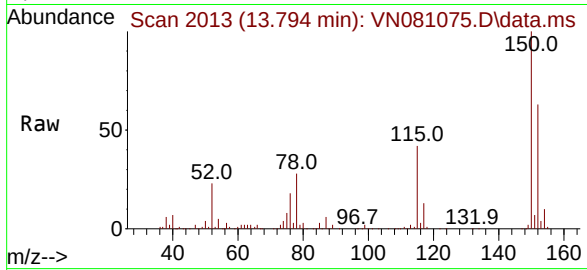
Tgt Ion:	117	Resp:	658939
Ion Ratio	Lower	Upper	
117	100		
82	55.5	52.7	79.1
119	32.7	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081075.D
 Acq: 19 Feb 2024 14:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#03



Tgt Ion:152 Resp: 26701
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.3 96.8
 150 158.4 0.0 339.8

Manual Integrations
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 Supervised By :Mahesh Dadoda 02/20/2024

