

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081283.D
 Acq On : 01 Mar 2024 14:20
 Operator : JC\MD
 Sample : PB153949ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153949ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 22:17:44 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	308626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	574104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	498163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224261	59.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.560%			
35) Dibromofluoromethane	8.171	113	176701	54.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.860%			
50) Toluene-d8	10.571	98	694614	60.243	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 120.480%#			
62) 4-Bromofluorobenzene	12.847	95	211789	48.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.760%			
Target Compounds						
16) Acetone	4.430	43	72914	48.985	ug/l	92
18) Methyl Acetate	5.042	43	5214m	1.436	ug/l	
20) Methylene Chloride	5.277	84	33941	8.034	ug/l #	81
37) Ethyl Acetate	7.571	43	6914	1.377	ug/l	95
43) Isopropyl Acetate	8.688	43	335944	38.268	ug/l #	85

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

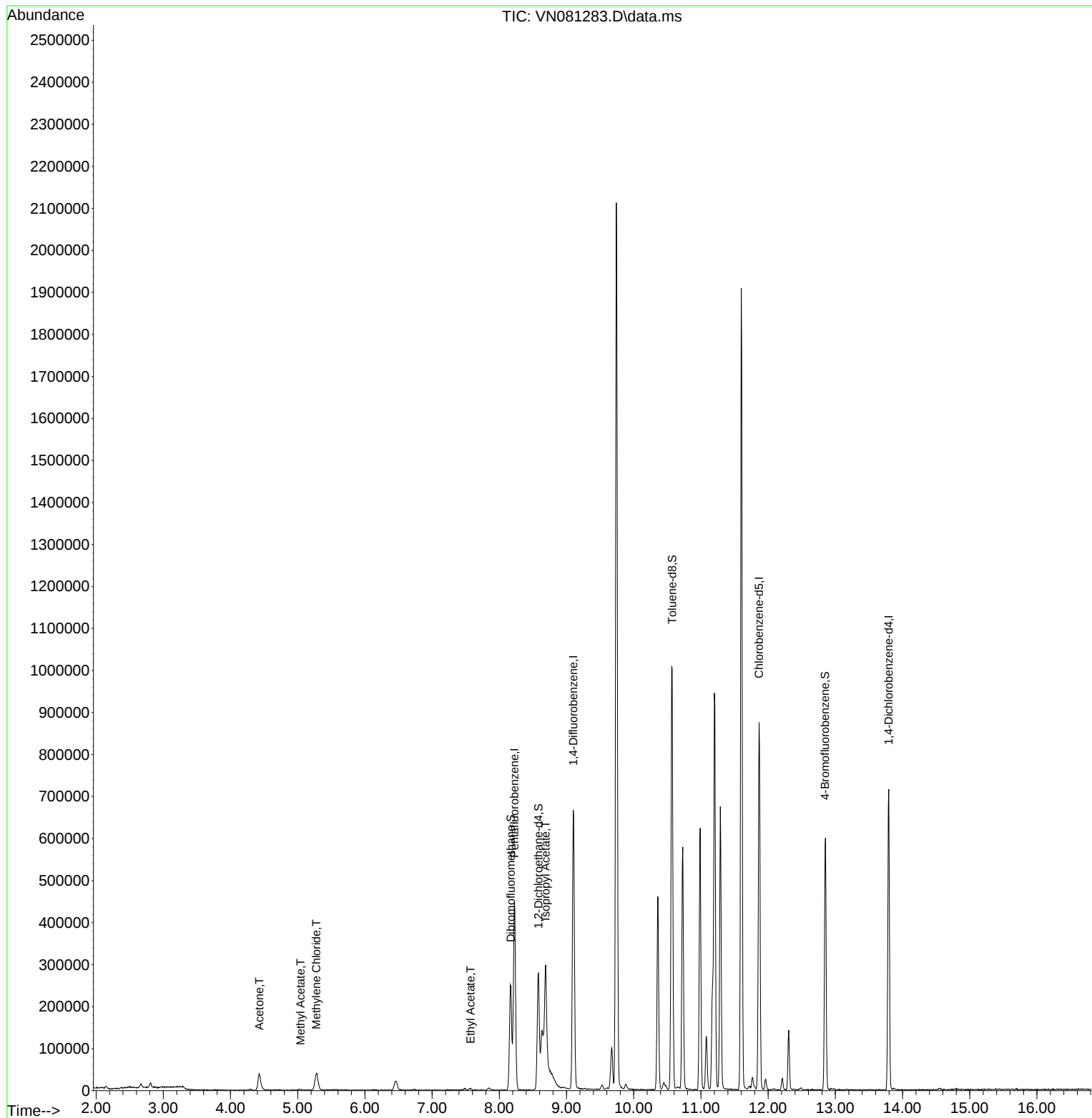
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
Data File : VN081283.D
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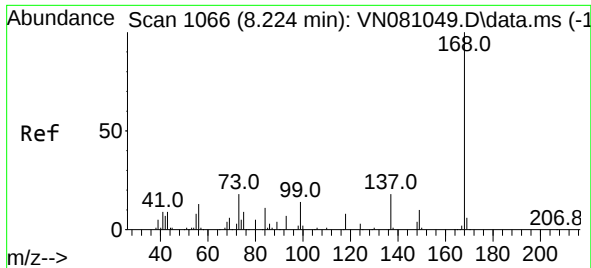
Instrument :
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PB153949ZHE#05

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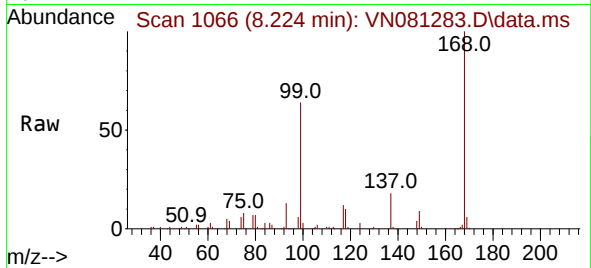
Quant Time: Mar 01 22:17:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20

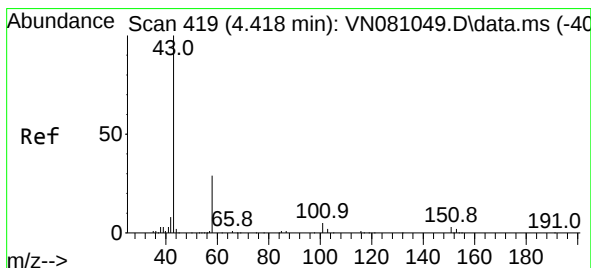
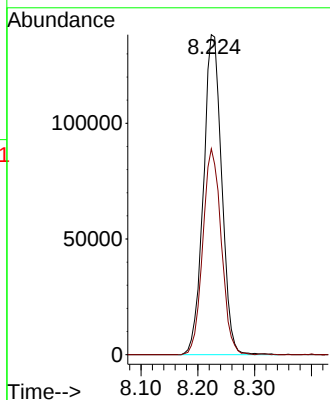
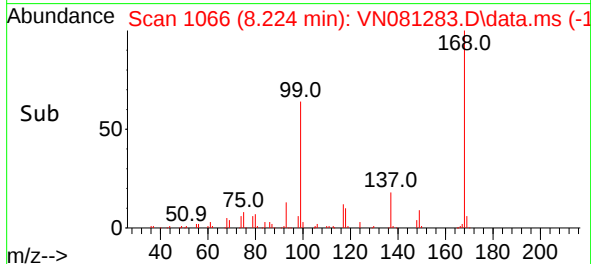
Instrument :
MSVOA_N
ClientSampleId :
PB153949ZHE#05



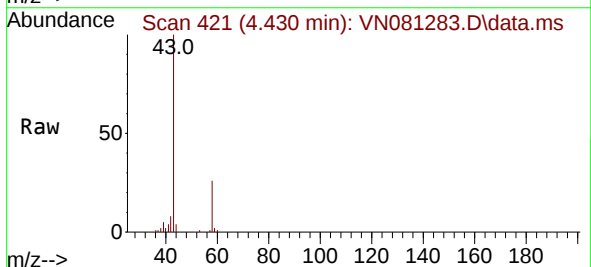
Tgt Ion:168 Resp: 308620
Ion Ratio Lower Upper
168 100
99 64.3 59.9 89.9

Manual Integrations
APPROVED

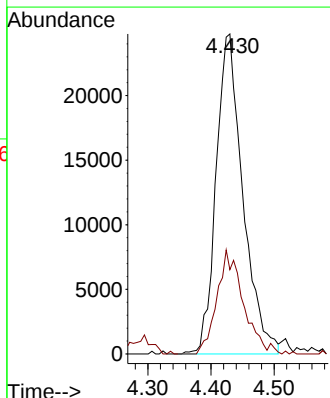
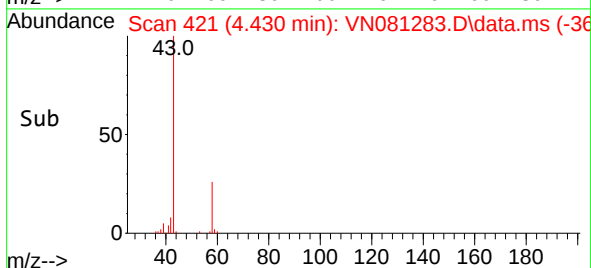
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

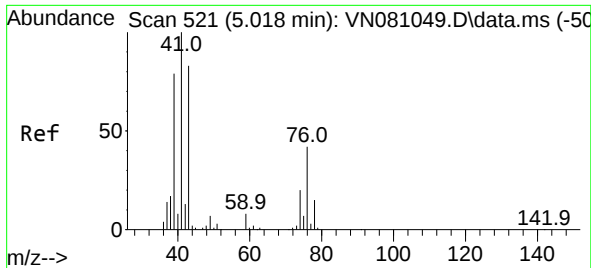


#16
Acetone
Concen: 48.985 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20



Tgt Ion: 43 Resp: 72914
Ion Ratio Lower Upper
43 100
58 26.4 24.8 37.2





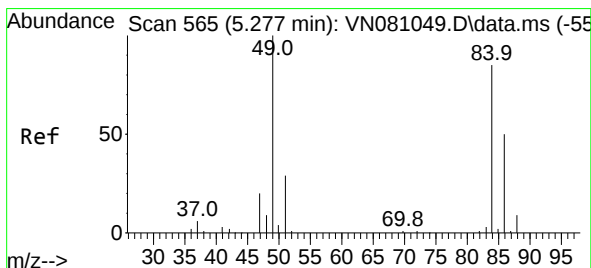
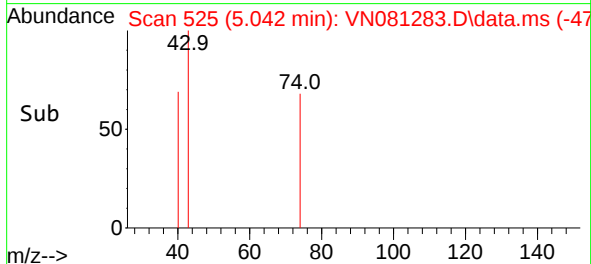
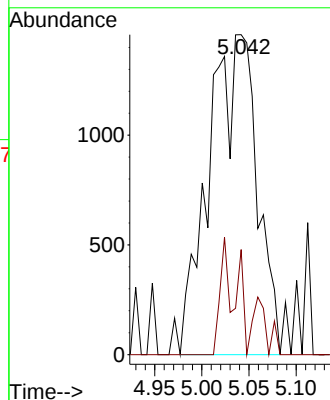
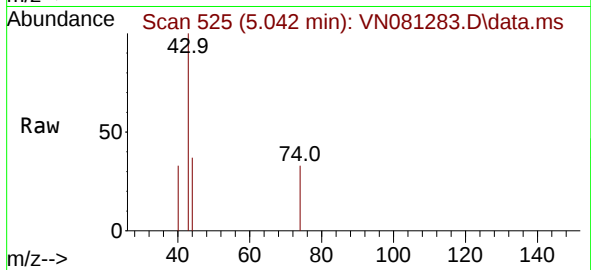
#18
Methyl Acetate
Concen: 1.436 ug/l m
RT: 5.042 min Scan# 521
Delta R.T. 0.024 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20

Instrument :
MSVOA_N
ClientSampleId :
PB153949ZHE#05

Tgt Ion: 43 Resp: 5214
Ion Ratio Lower Upper
43 100
74 7.9 17.3 25.9

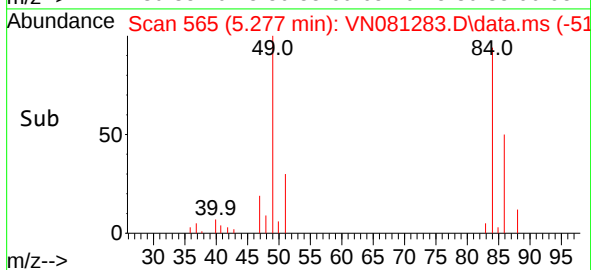
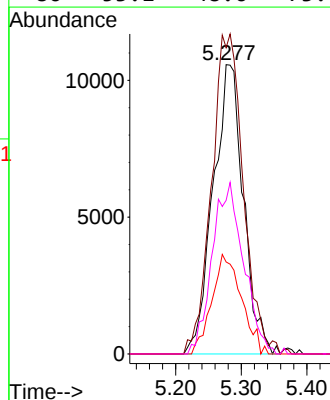
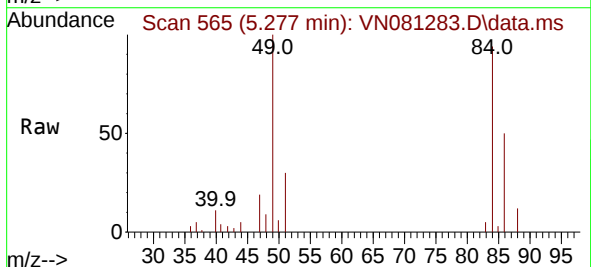
Manual Integrations
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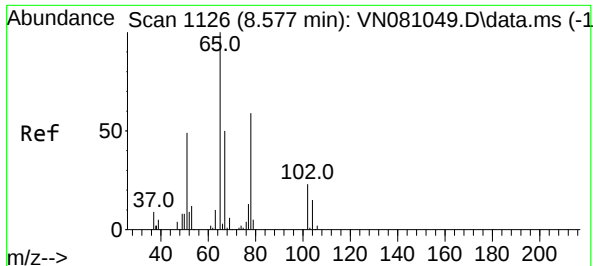
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#20
Methylene Chloride
Concen: 8.034 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20

Tgt Ion: 84 Resp: 33941
Ion Ratio Lower Upper
84 100
49 105.9 108.1 162.1#
51 31.8 32.9 49.3#
86 53.1 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 59.283 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081283.D

Acq: 01 Mar 2024 14:20

Instrument :

MSVOA_N

ClientSampleId :

PB153949ZHE#05

Tgt Ion: 65 Resp: 22426

Ion Ratio Lower Upper

65 100

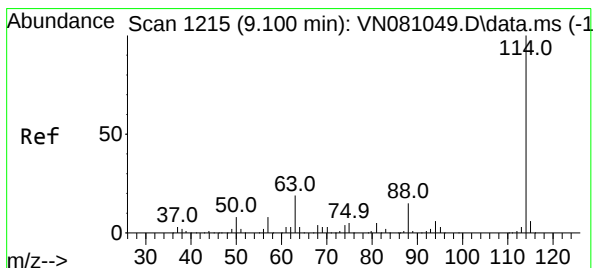
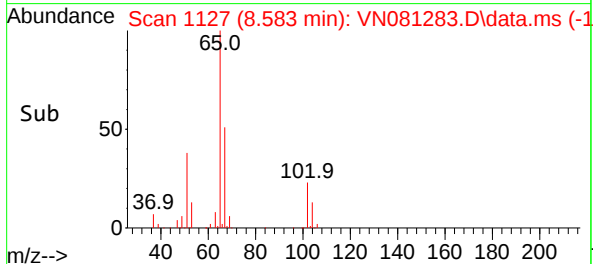
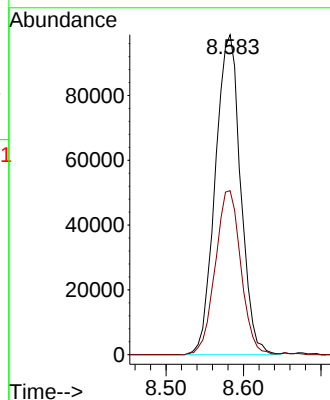
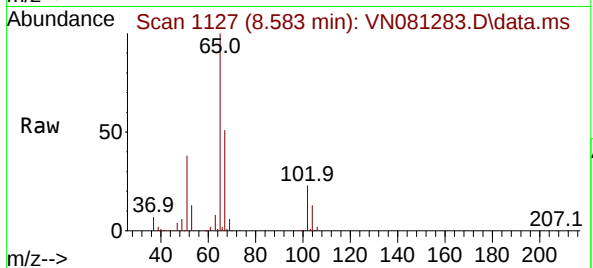
67 51.8 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 03/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081283.D

Acq: 01 Mar 2024 14:20

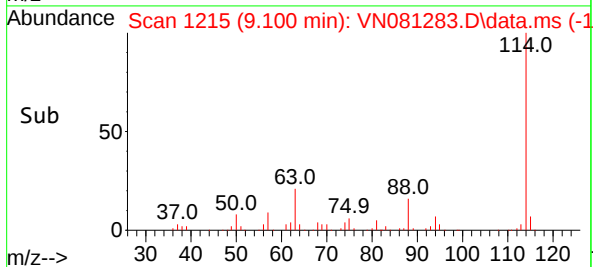
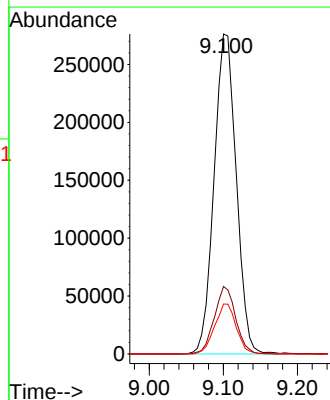
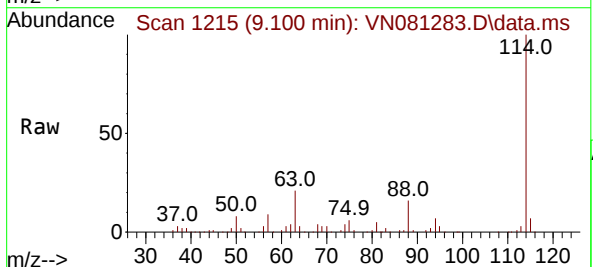
Tgt Ion:114 Resp: 574104

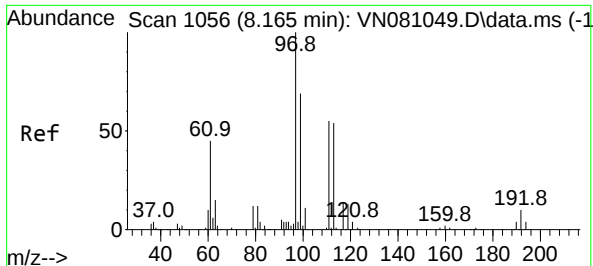
Ion Ratio Lower Upper

114 100

63 21.1 0.0 48.0

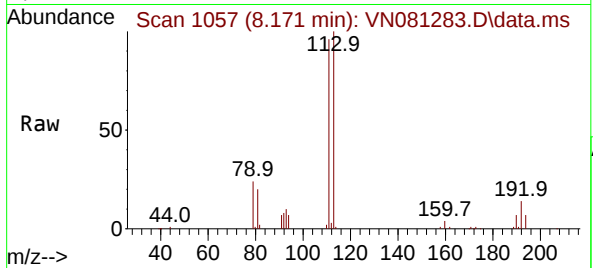
88 15.6 0.0 34.8





#35
Dibromofluoromethane
Concen: 54.430 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20

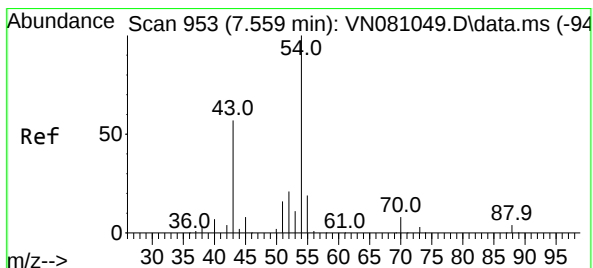
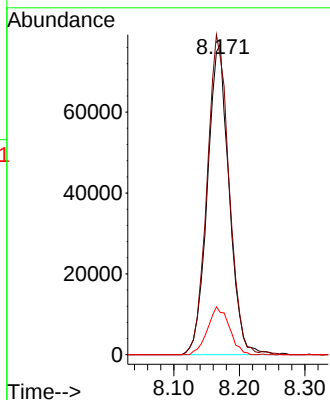
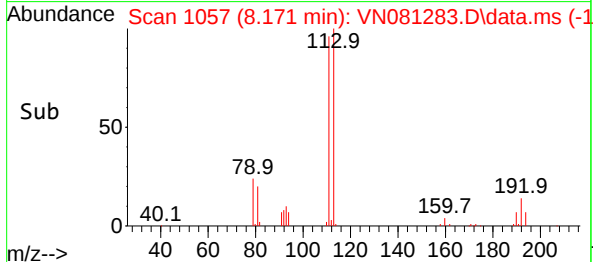
Instrument :
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PB153949ZHE#05



Tgt Ion: 113 Resp: 17670
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.4 12.5 18.7

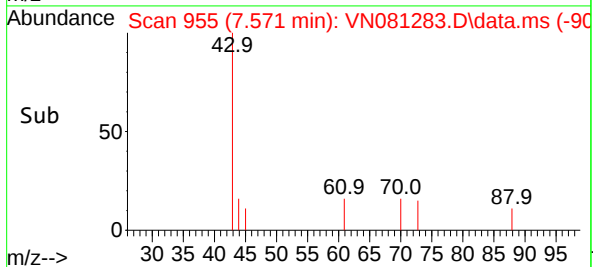
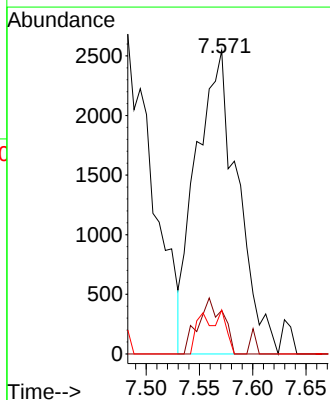
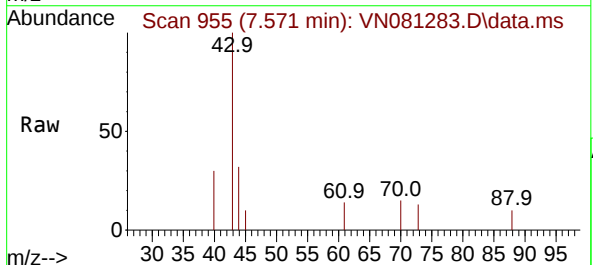
Manual Integrations
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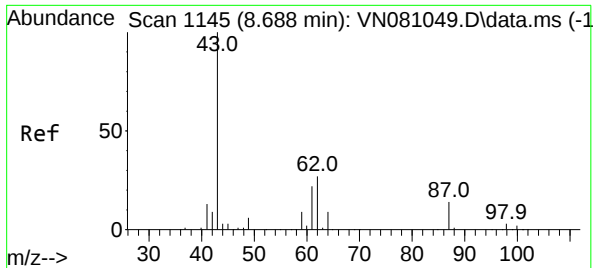
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#37
Ethyl Acetate
Concen: 1.377 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20

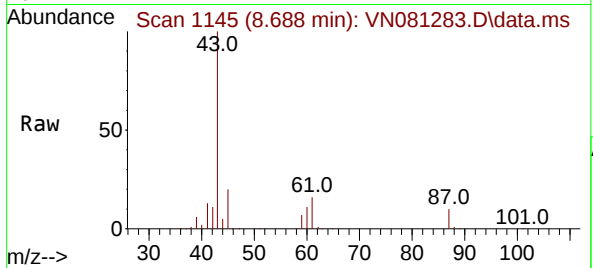
Tgt Ion: 43 Resp: 6914
Ion Ratio Lower Upper
43 100
61 11.0 10.6 15.8
70 8.3 8.0 12.0





#43
Isopropyl Acetate
Concen: 38.268 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20

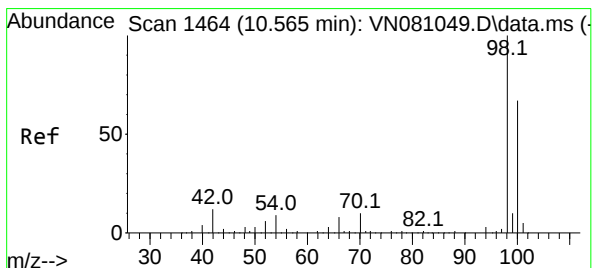
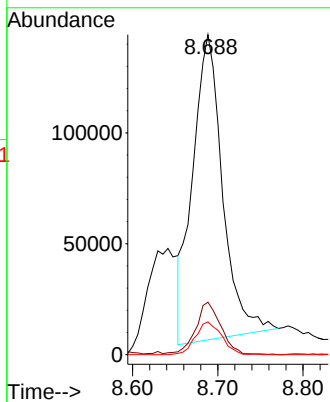
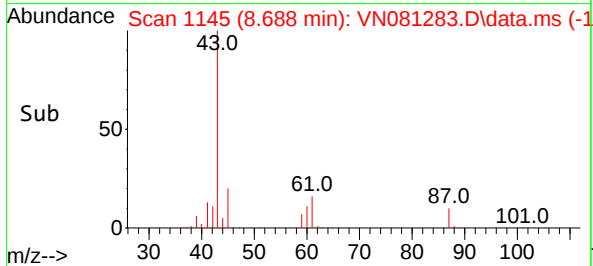
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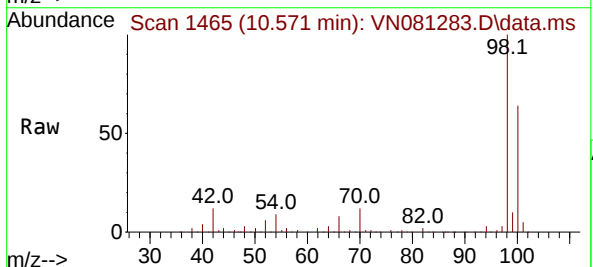
Tgt Ion: 43 Resp: 335944
Ion Ratio Lower Upper
43 100
61 14.8 19.9 29.9
87 9.4 9.0 13.6

Manual Integrations
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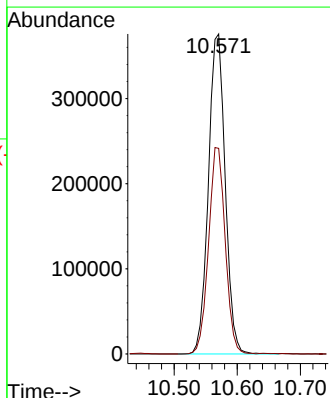
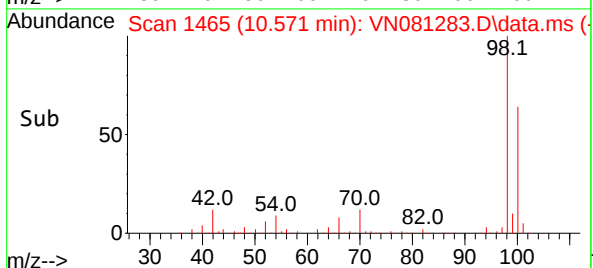
Reviewed By :John Carlone 03/04/2024
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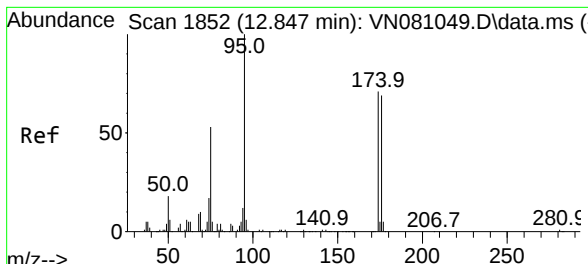


#50
Toluene-d8
Concen: 60.243 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081283.D
Acq: 01 Mar 2024 14:20



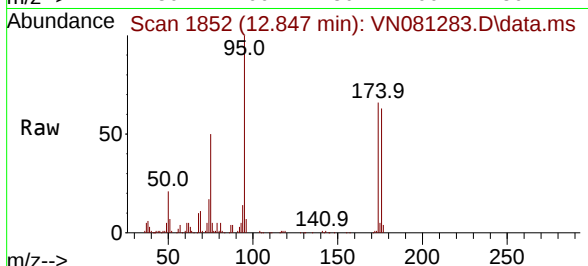
Tgt Ion: 98 Resp: 694614
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#62
 4-Bromofluorobenzene
 Concen: 48.883 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN081283.D
 Acq: 01 Mar 2024 14:20

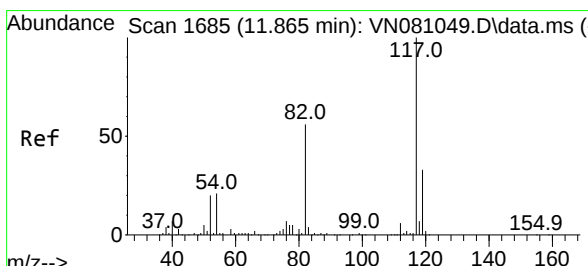
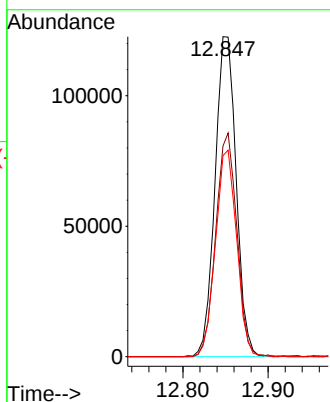
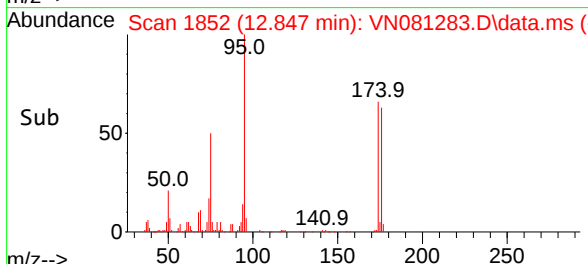
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Tgt Ion:	95	Resp:	211789
Ion Ratio	Lower	Upper	
95	100		
174	69.6	0.0	120.4
176	64.5	0.0	121.0

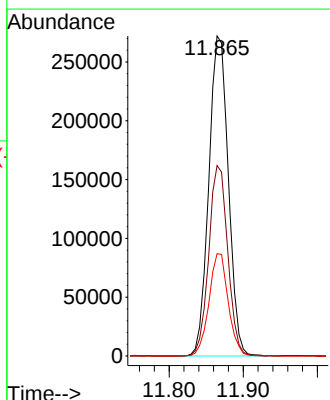
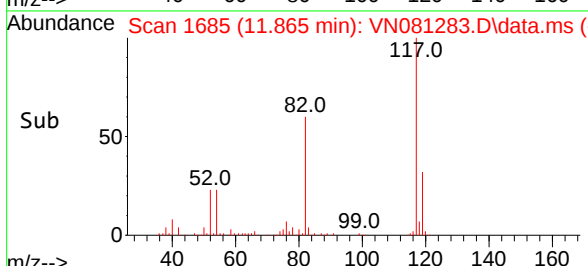
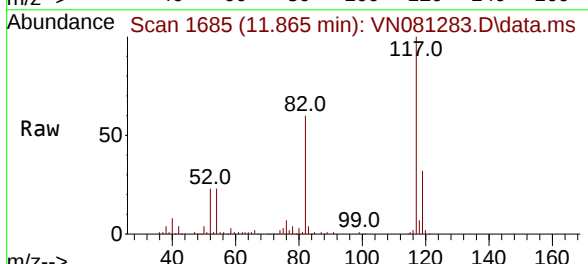
Manual Integrations
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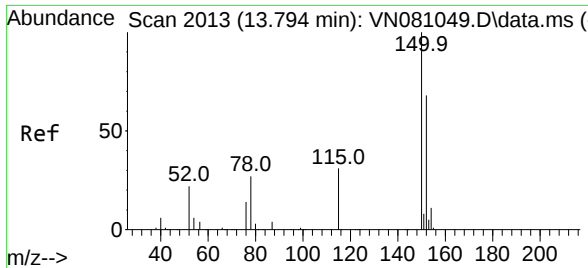
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081283.D
 Acq: 01 Mar 2024 14:20

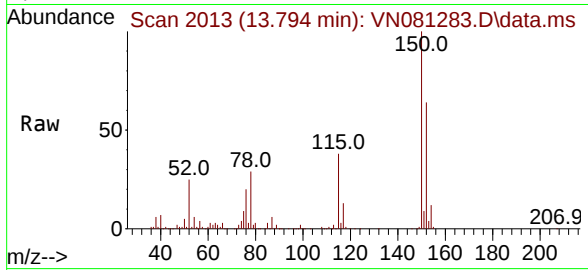
Tgt Ion:	117	Resp:	498163
Ion Ratio	Lower	Upper	
117	100		
82	59.5	52.7	79.1
119	32.0	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081283.D
 Acq: 01 Mar 2024 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153949ZHE#05



Tgt Ion:152 Resp: 179120
 Ion Ratio Lower Upper
 152 100
 115 62.5 32.3 96.8
 150 159.1 0.0 339.8

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