

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079929.D
 Acq On : 06 Nov 2023 17:45
 Operator : JC\MD
 Sample : PB156885ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#12

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 04:51:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	237279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	521746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230120	63.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.320%#			
35) Dibromofluoromethane	8.171	113	188428	51.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.060%			
50) Toluene-d8	10.571	98	720786	53.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.853	95	247473	54.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.780%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	62225	49.003	ug/l	95
18) Methyl Acetate	5.047	43	10717m	1.764	ug/l	
20) Methylene Chloride	5.277	84	12432	3.880	ug/l	93
37) Ethyl Acetate	7.571	43	6894	1.426	ug/l #	80
43) Isopropyl Acetate	8.694	43	365515	43.103	ug/l #	73

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

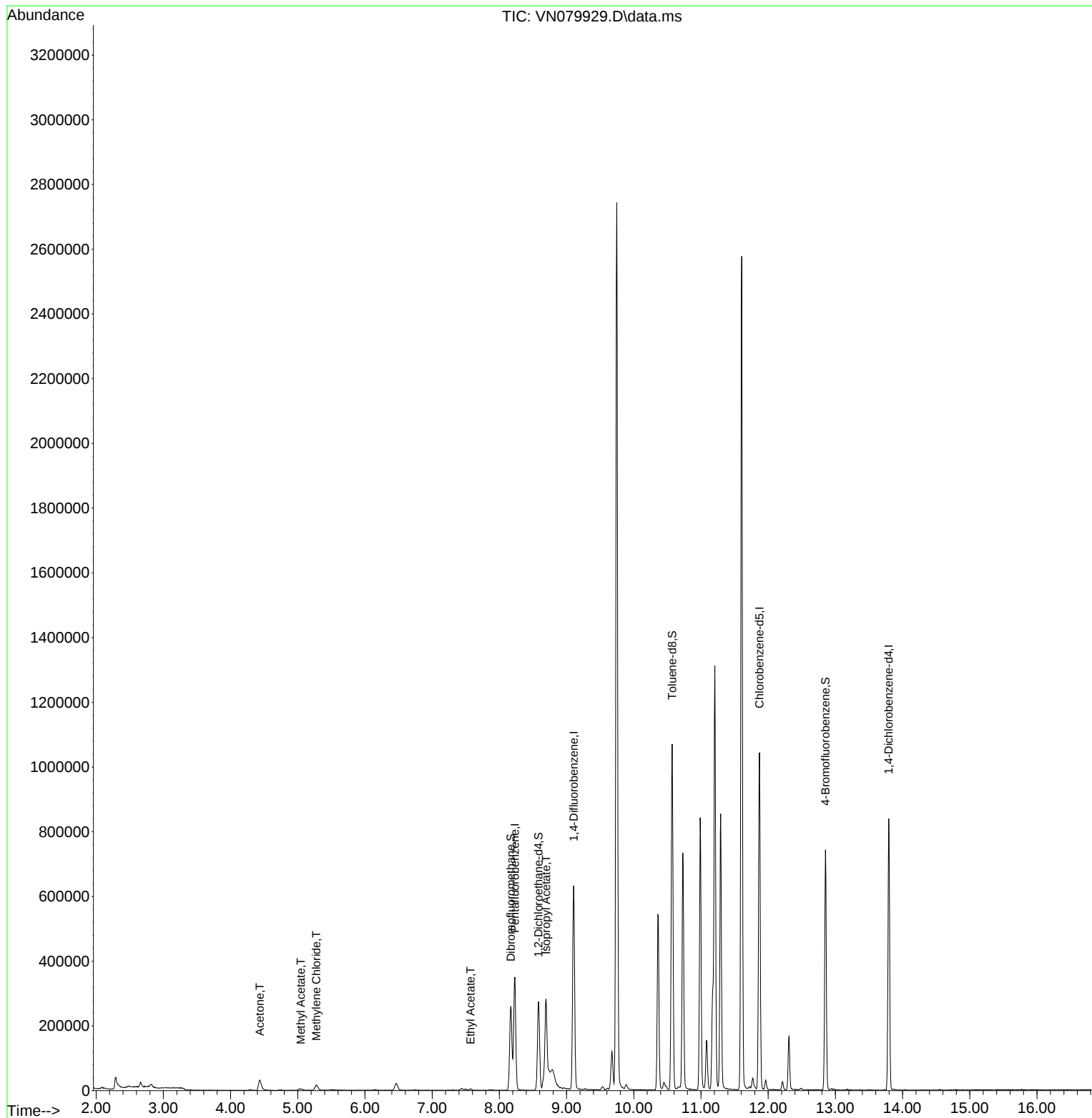
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
Data File : VN079929.D
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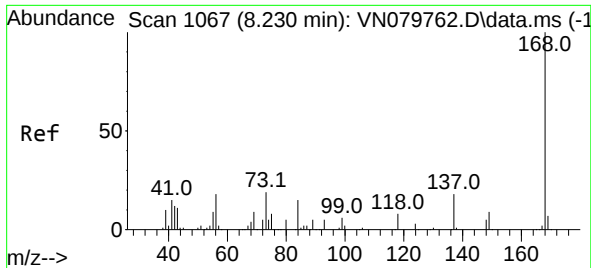
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#12

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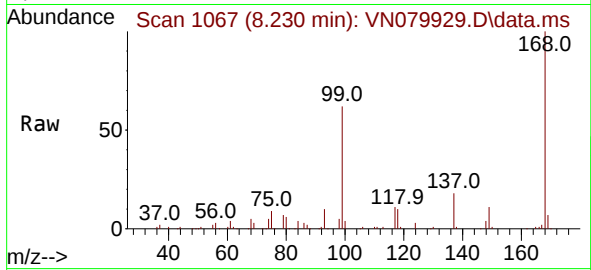
Quant Time: Nov 07 04:51:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

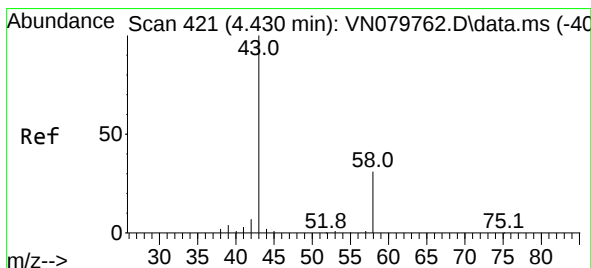
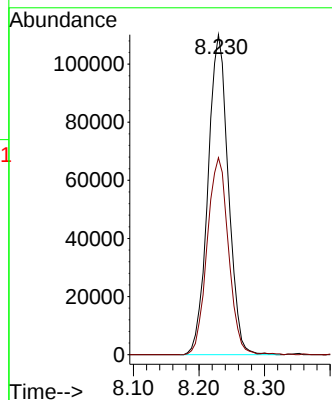
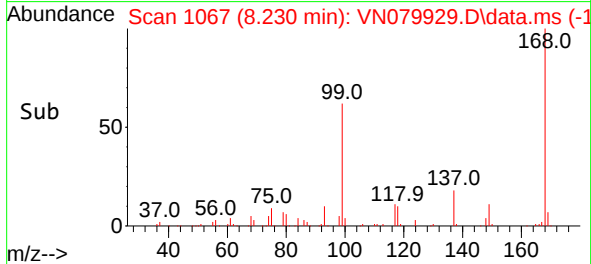
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#12



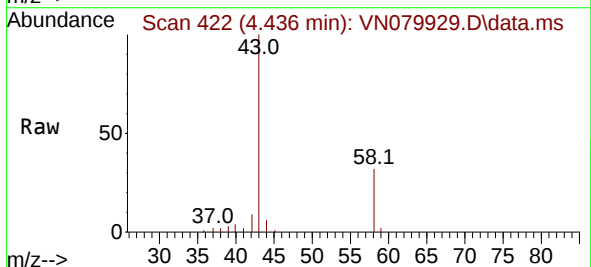
Tgt Ion:168 Resp: 237279
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6

Manual Integrations
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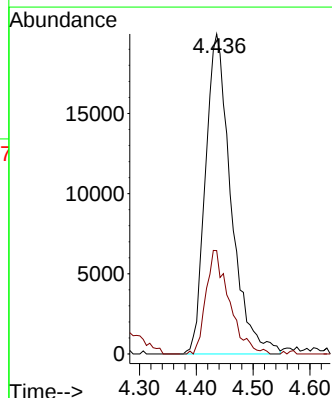
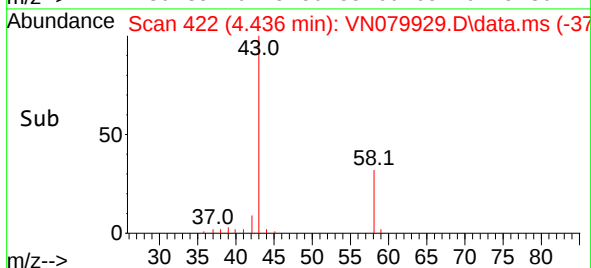
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

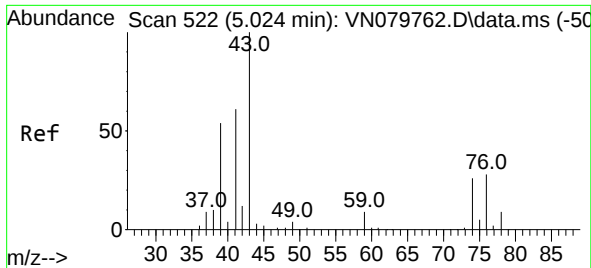


#16
Acetone
Concen: 49.003 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45



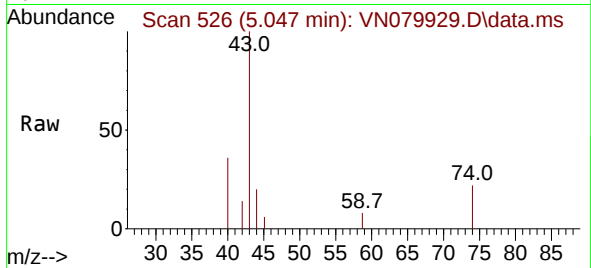
Tgt Ion: 43 Resp: 62225
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0





#18
Methyl Acetate
Concen: 1.764 ug/l m
RT: 5.047 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

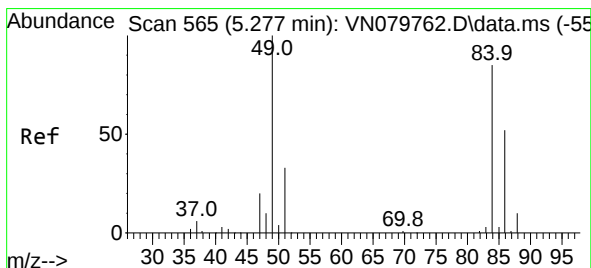
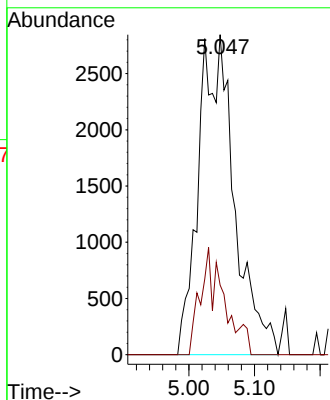
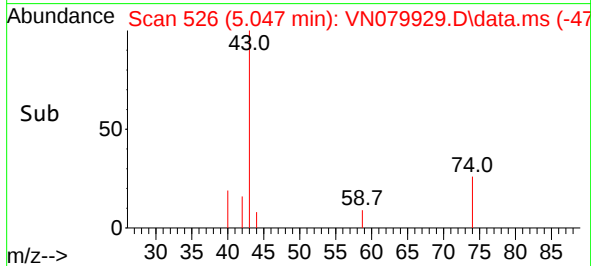
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#12



Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
74 10.9 26.2 39.4

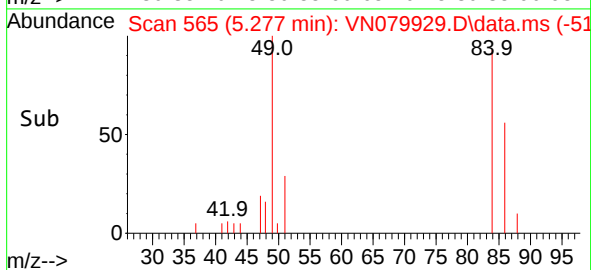
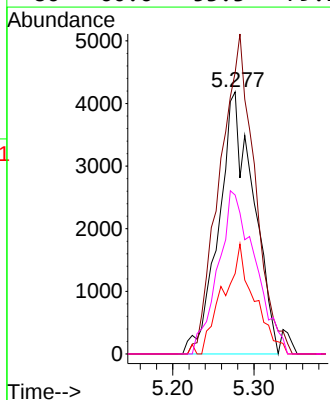
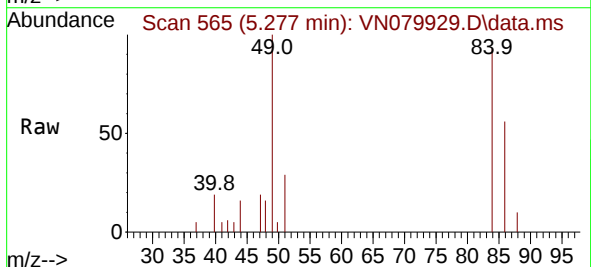
Manual Integrations
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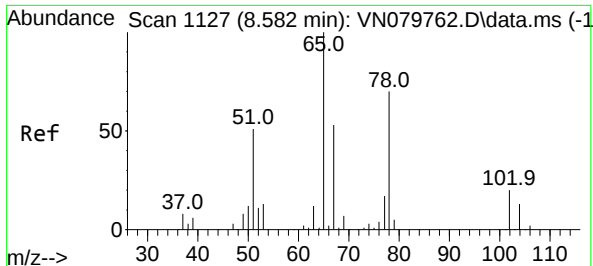
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#20
Methylene Chloride
Concen: 3.880 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

Tgt Ion: 84 Resp: 12432
Ion Ratio Lower Upper
84 100
49 107.4 79.7 119.5
51 30.7 25.2 37.8
86 60.6 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 63.657 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079929.D

Acq: 06 Nov 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#12

Tgt Ion: 65 Resp: 230120

Ion Ratio Lower Upper

65 100

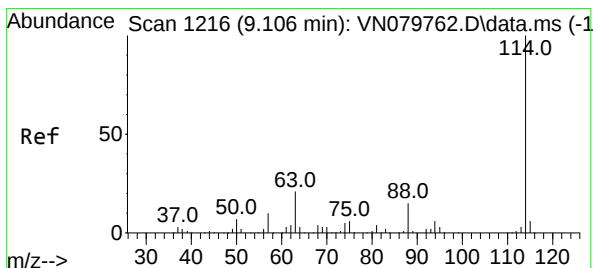
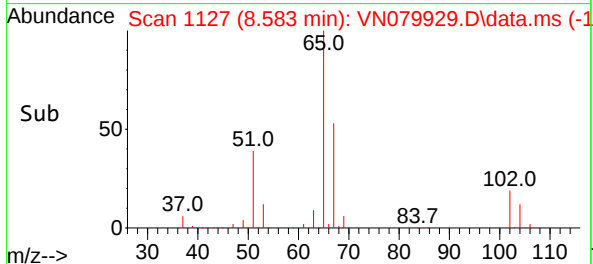
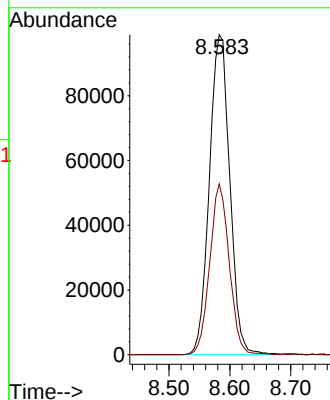
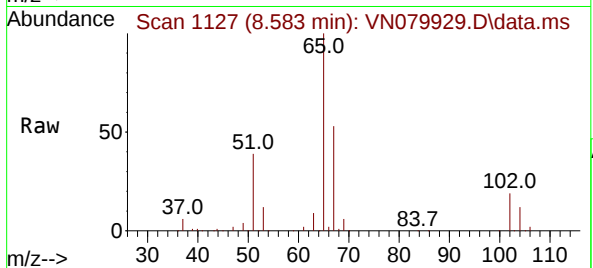
67 50.9 0.0 106.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079929.D

Acq: 06 Nov 2023 17:45

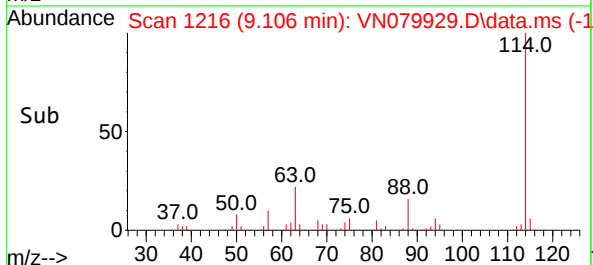
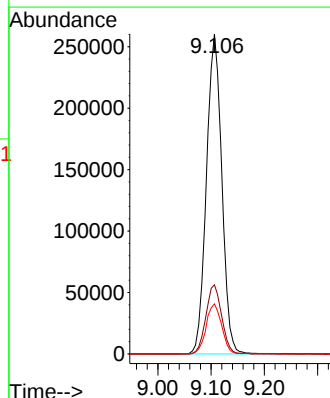
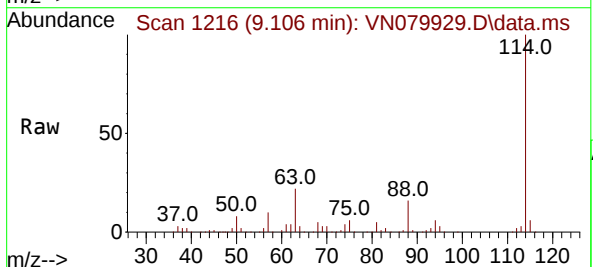
Tgt Ion:114 Resp: 521746

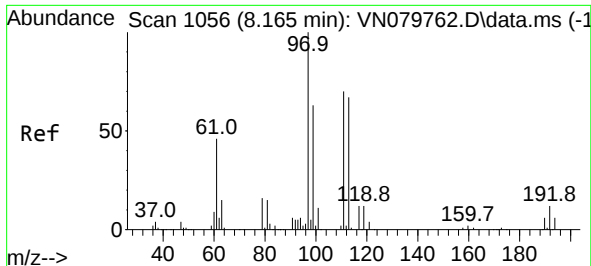
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

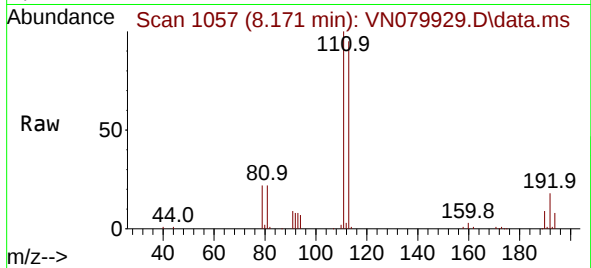
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.027 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

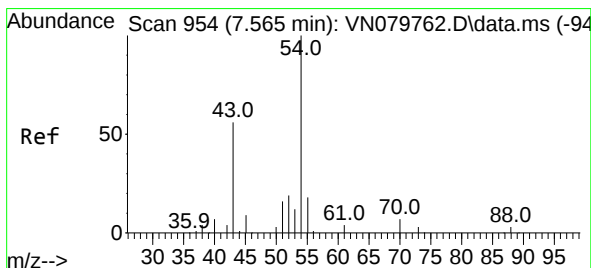
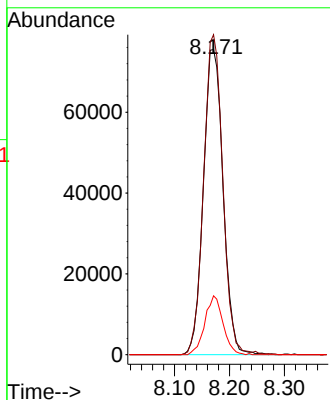
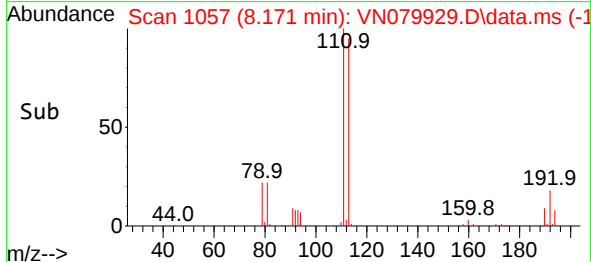
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ClientSampleId :
PB156885ZHE#12



Tgt Ion: 113 Resp: 188428
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.8 12.7 19.1

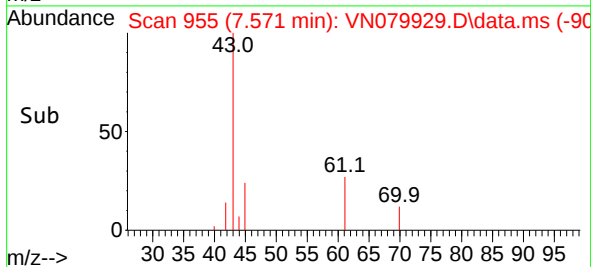
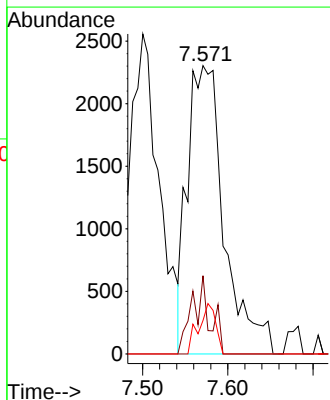
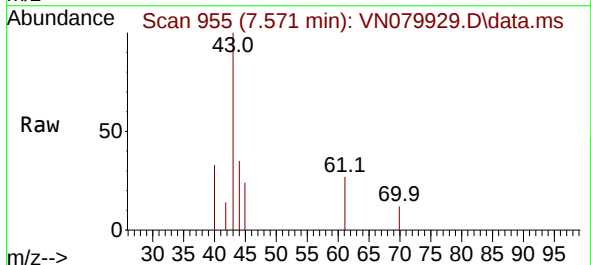
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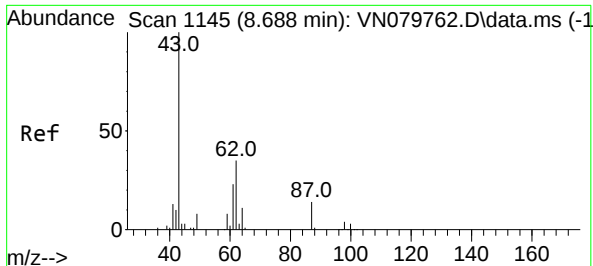
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#37
Ethyl Acetate
Concen: 1.426 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

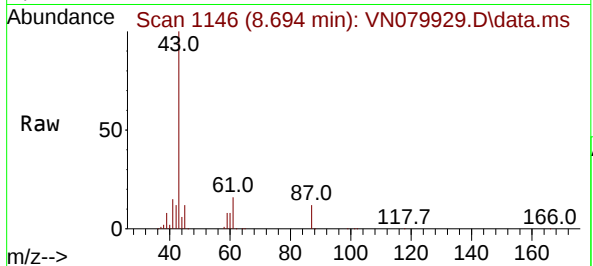
Tgt Ion: 43 Resp: 6894
Ion Ratio Lower Upper
43 100
61 6.0 13.2 19.8#
70 8.1 11.3 16.9#





#43
Isopropyl Acetate
Concen: 43.103 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

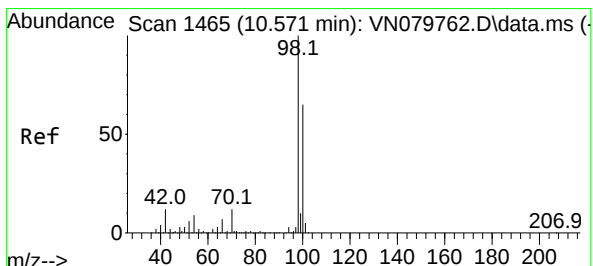
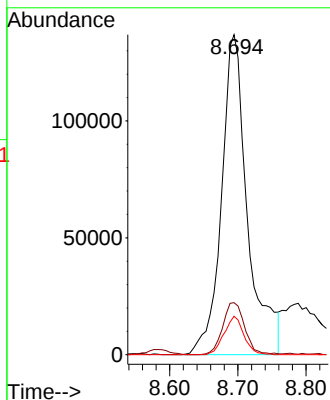
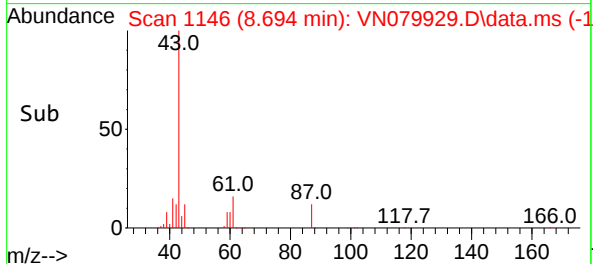
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#12



Tgt Ion: 43 Resp: 365515
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1
87 9.1 14.6 21.8

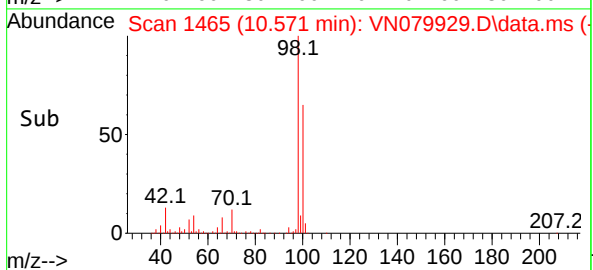
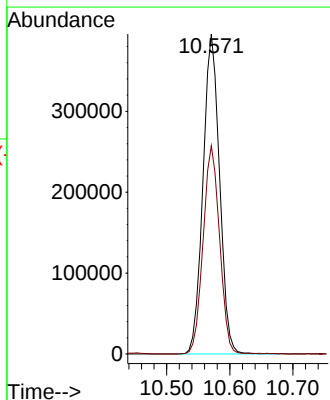
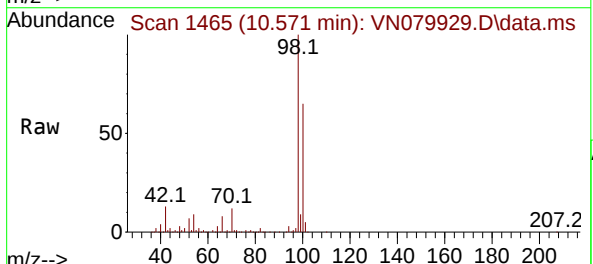
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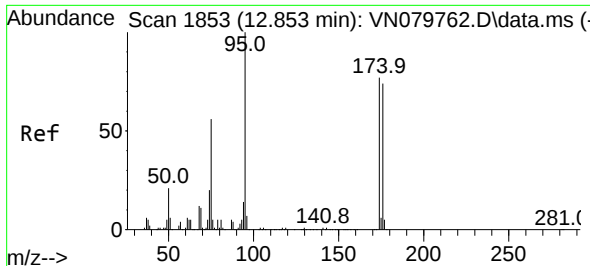
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#50
Toluene-d8
Concen: 53.022 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

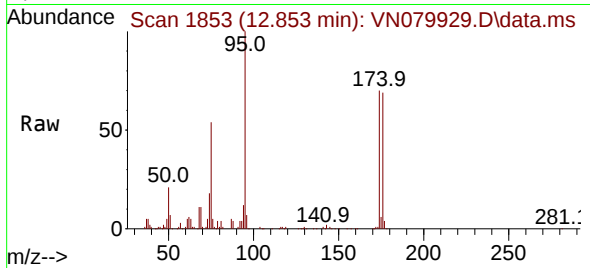
Tgt Ion: 98 Resp: 720786
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 54.890 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45

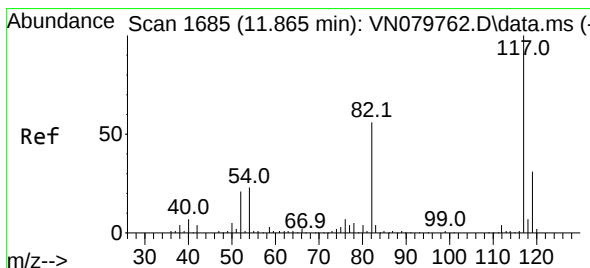
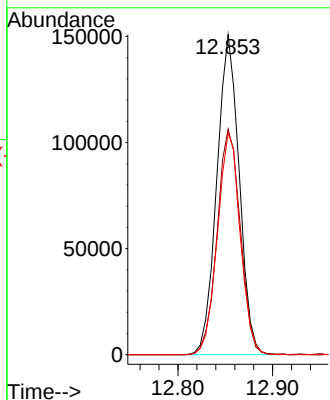
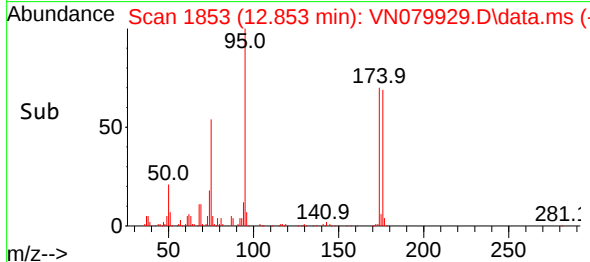
Instrument :
MSVOA_N
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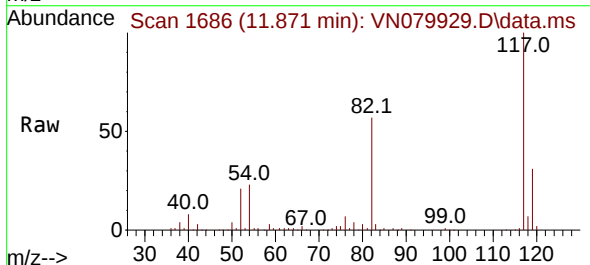
Tgt Ion: 95 Resp: 24747
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 70.7 0.0 135.8

Manual Integrations
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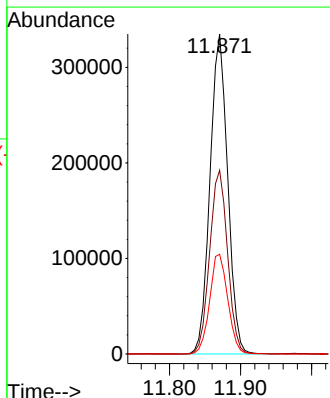
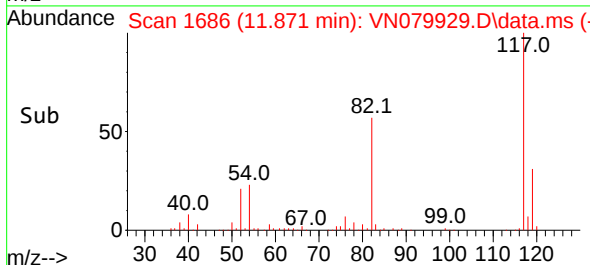
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Supervised By :Mahesh Dadoda 11/07/2023

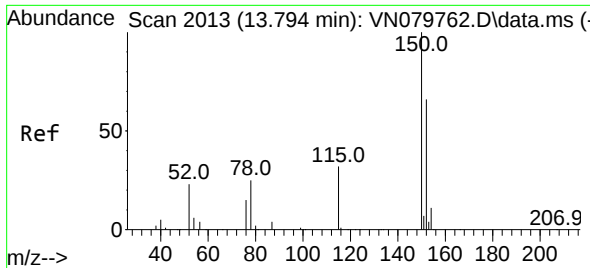


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079929.D
Acq: 06 Nov 2023 17:45



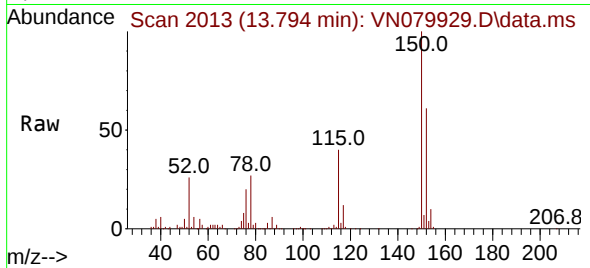
Tgt Ion:117 Resp: 577615
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079929.D
 Acq: 06 Nov 2023 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#12



Tgt Ion:152 Resp: 21351
 Ion Ratio Lower Upper
 152 100
 115 63.4 32.3 96.8
 150 159.6 0.0 355.8

Manual Integrations
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