

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077691.D
 Acq On : 16 May 2023 14:39
 Operator : JC\MD
 Sample : 02804-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-03-128-148-051523

Quant Time: May 17 04:01:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	366692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	663829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258732	47.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.320%		
35) Dibromofluoromethane	8.171	113	209851	48.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	10.571	98	828319	49.714	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.853	95	272814	46.361	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.720%		
Target Compounds					Qvalue	
16) Acetone	4.448	43	8213m	4.758	ug/l	
25) 2-Butanone	7.500	43	9881	3.659	ug/l	99
30) Chloroform	7.965	83	3265	0.365	ug/l #	74
40) Benzene	8.618	78	47142	2.523	ug/l	97
67) Ethyl Benzene	11.965	91	6490	0.281	ug/l #	86

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

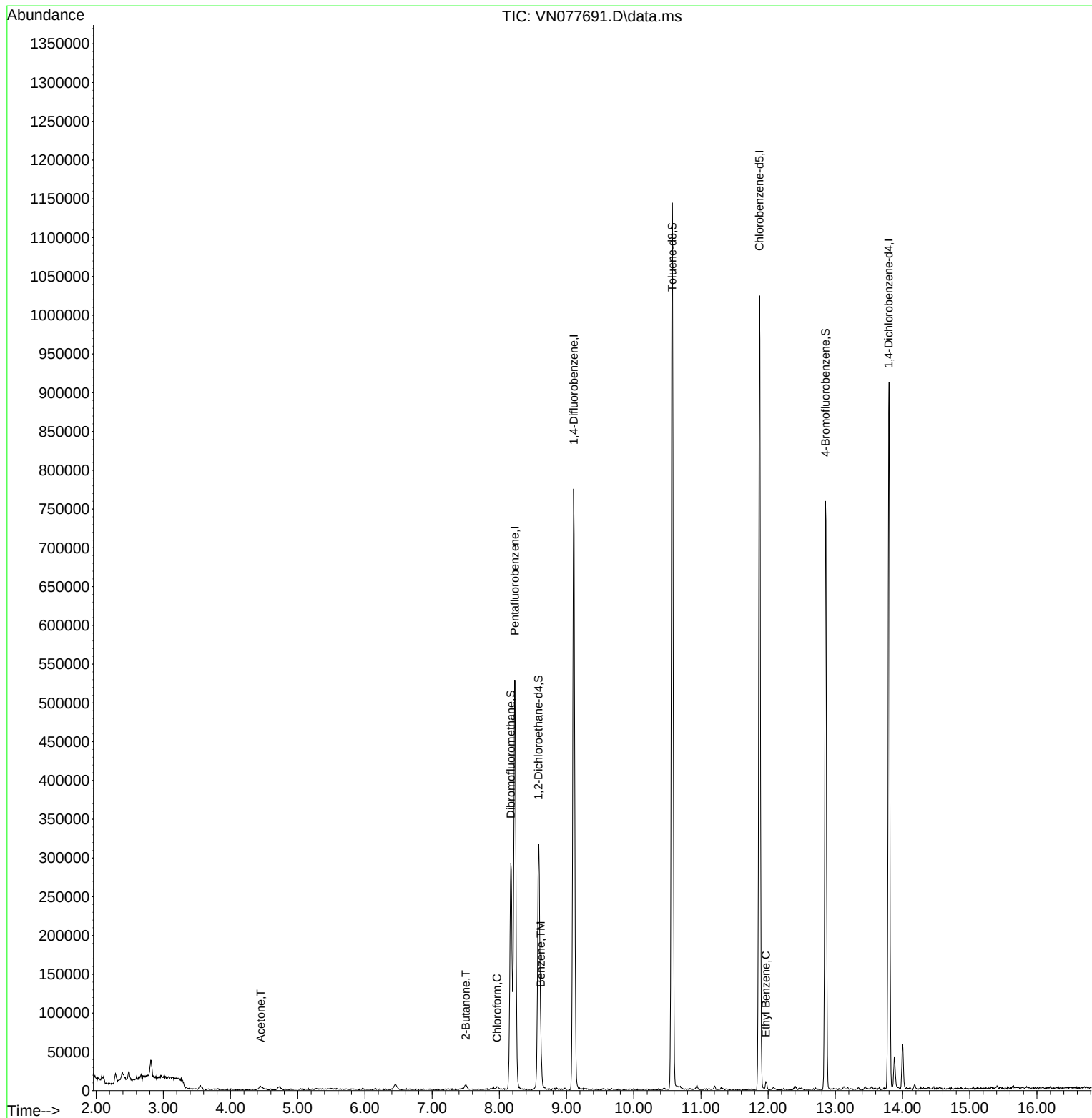
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
Data File : VN077691.D
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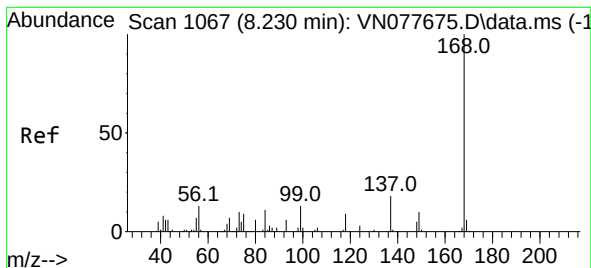
Instrument :
MSVOA_N
ClientSampleId :
OWBR-03-128-148-051523

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN077691.D

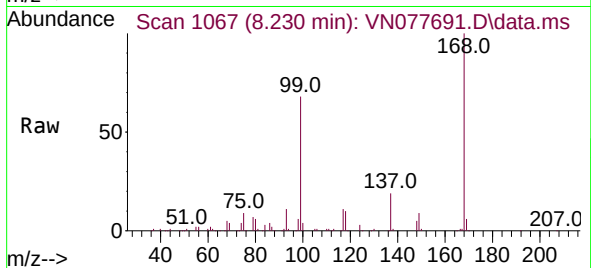
Acq: 16 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

OWBR-03-128-148-051523



Tgt Ion:168 Resp: 366692

Ion Ratio Lower Upper

168 100

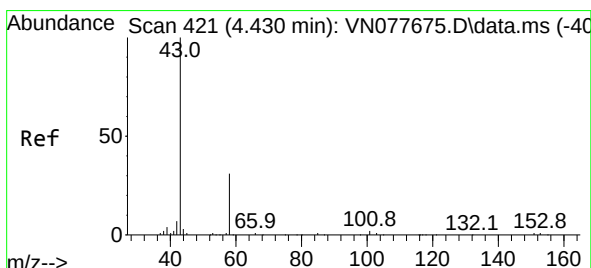
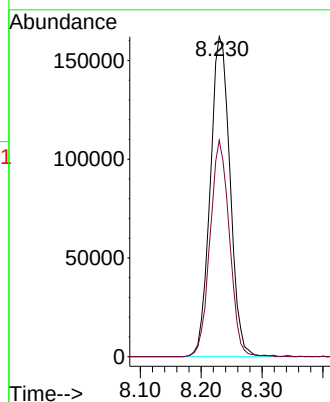
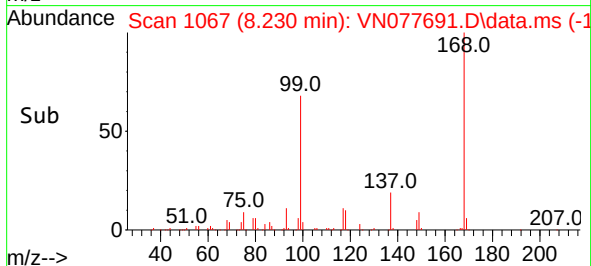
99 67.6 53.0 79.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/17/2023



#16

Acetone

Concen: 4.758 ug/l m

RT: 4.448 min Scan# 424

Delta R.T. 0.018 min

Lab File: VN077691.D

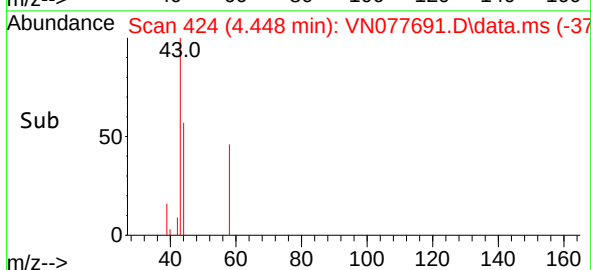
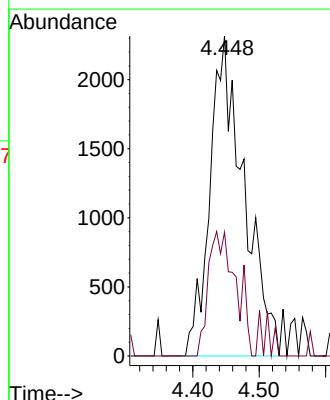
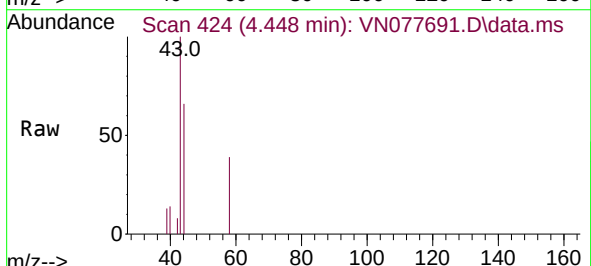
Acq: 16 May 2023 14:39

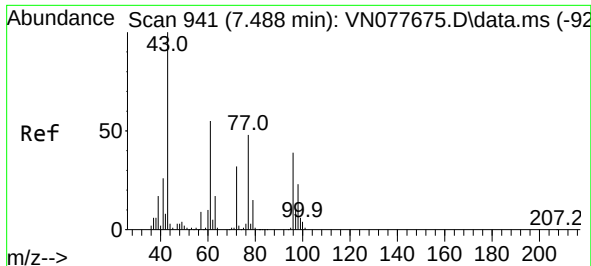
Tgt Ion: 43 Resp: 8213

Ion Ratio Lower Upper

43 100

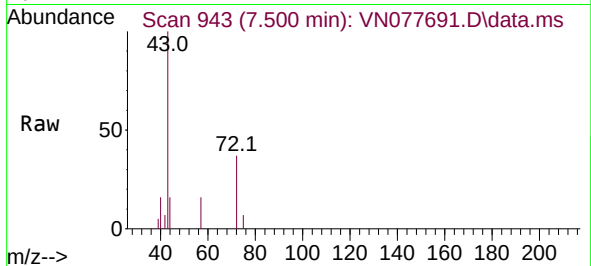
58 38.7 28.0 42.0





#25
2-Butanone
Concen: 3.659 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077691.D
Acq: 16 May 2023 14:39

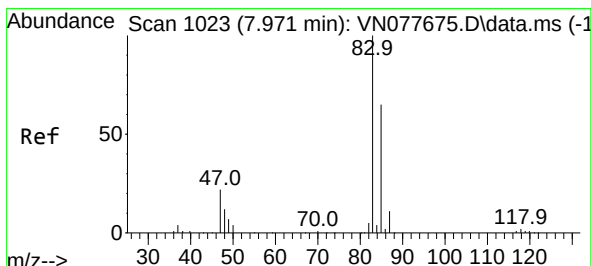
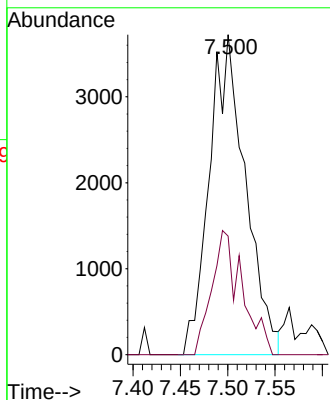
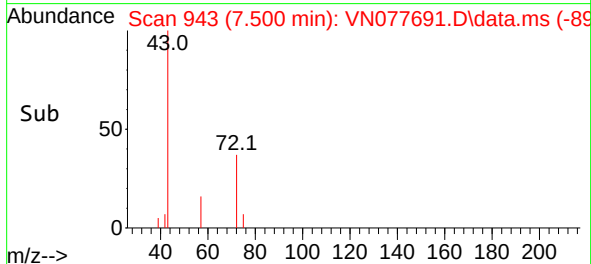
Instrument :
MSVOA_N
ClientSampleId :
OWBR-03-128-148-051523



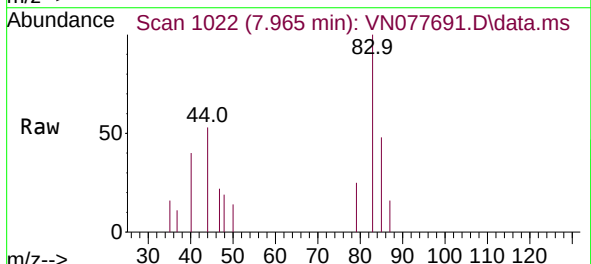
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
72 37.1 30.2 45.2

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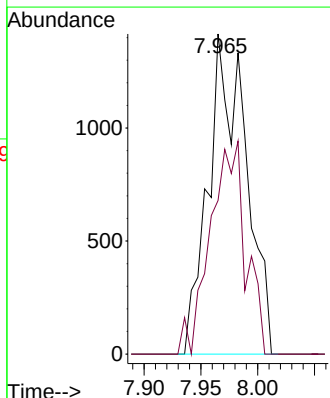
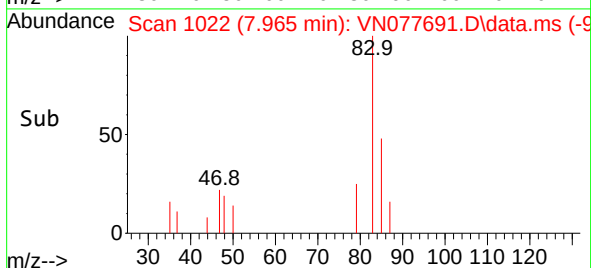
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

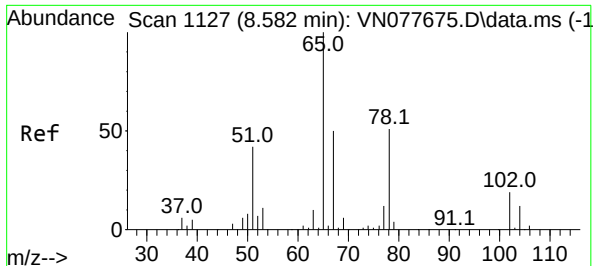


#30
Chloroform
Concen: 0.365 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN077691.D
Acq: 16 May 2023 14:39



Tgt Ion: 83 Resp: 3265
Ion Ratio Lower Upper
83 100
85 48.0 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 47.157 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077691.D

Acq: 16 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

OWBR-03-128-148-051523

Tgt Ion: 65 Resp: 25873

Ion Ratio Lower Upper

65 100

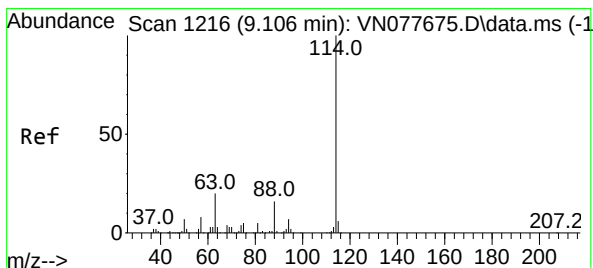
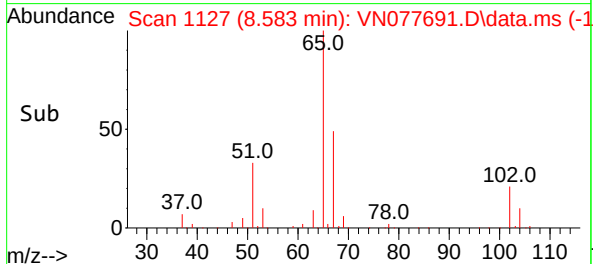
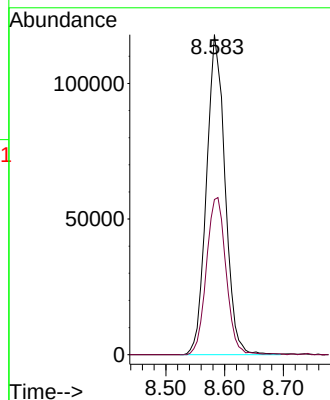
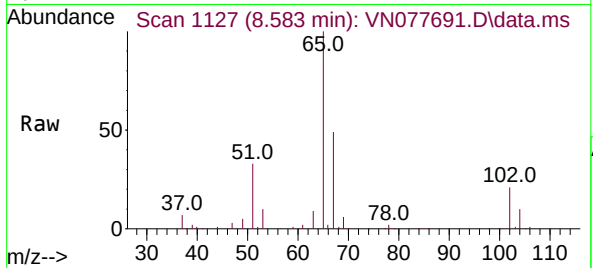
67 52.0 0.0 106.6

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Supervised By :Mahesh Dadoda 05/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077691.D

Acq: 16 May 2023 14:39

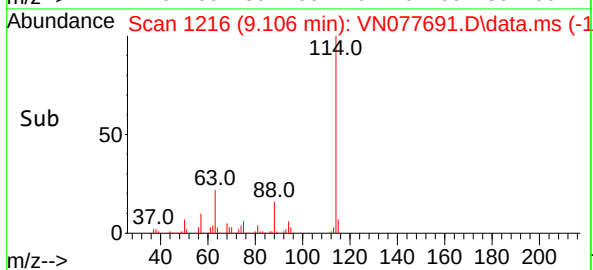
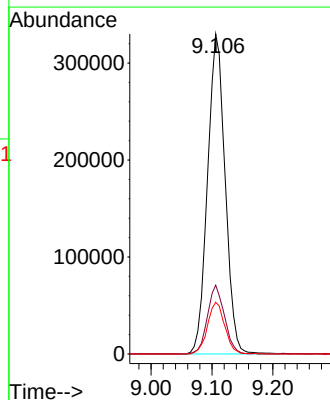
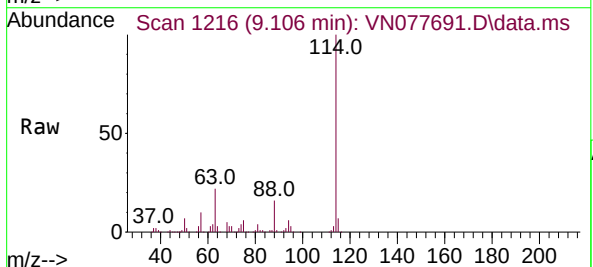
Tgt Ion:114 Resp: 663829

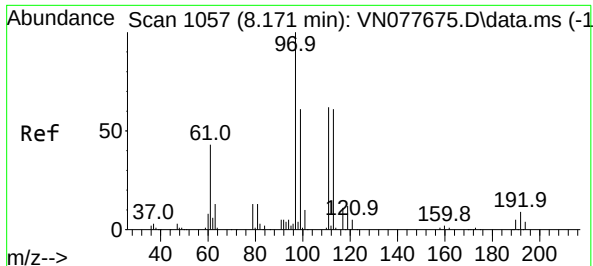
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.478 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077691.D

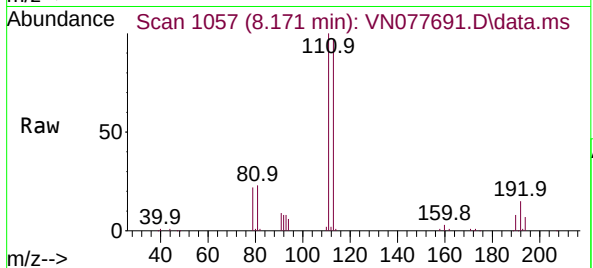
Acq: 16 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

OWBR-03-128-148-051523



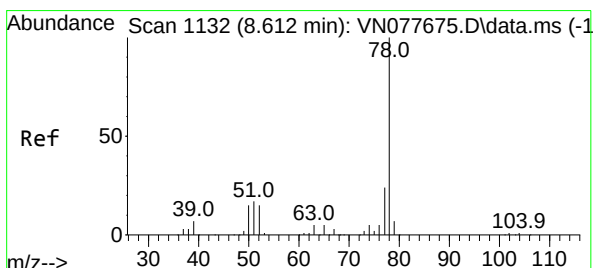
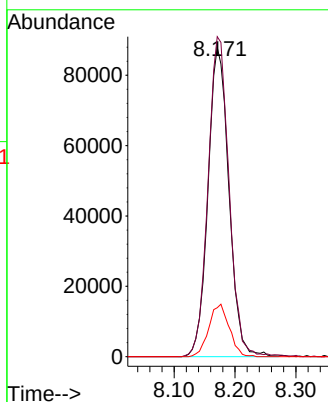
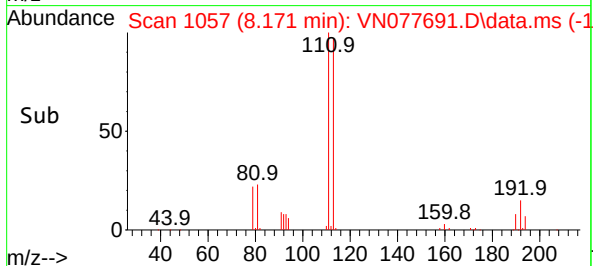
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	16.6	12.7	19.1

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Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 2.523 ug/l

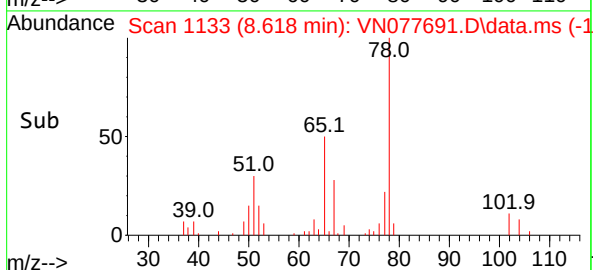
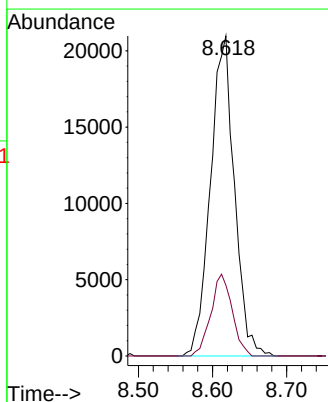
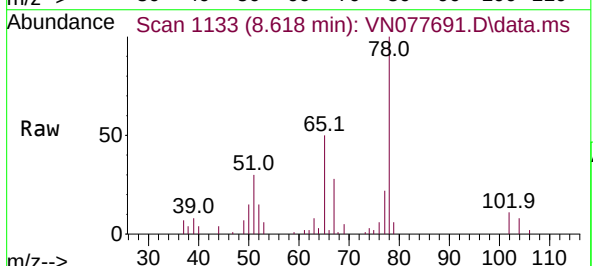
RT: 8.618 min Scan# 1133

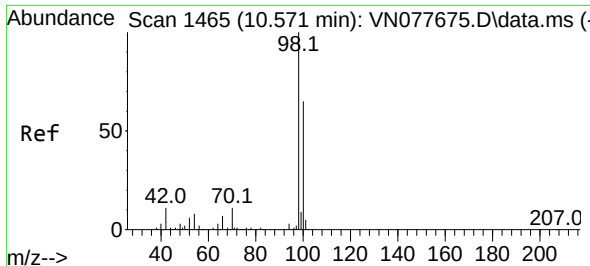
Delta R.T. 0.006 min

Lab File: VN077691.D

Acq: 16 May 2023 14:39

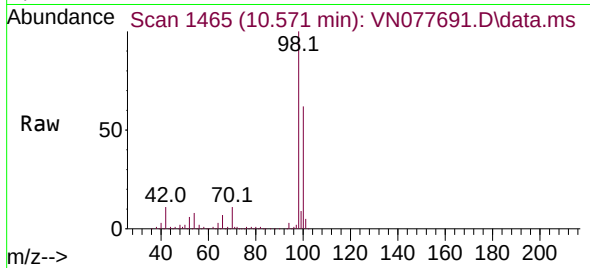
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.0	28.6





#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077691.D
Acq: 16 May 2023 14:39

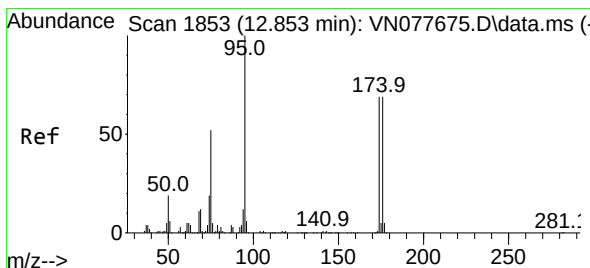
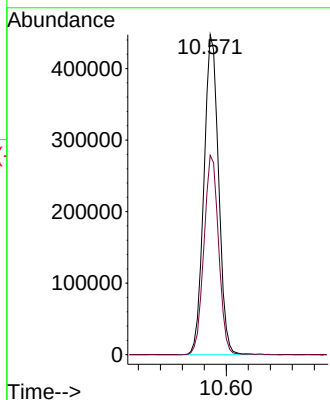
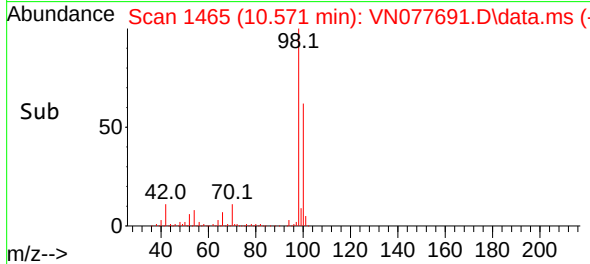
Instrument : MSVOA_N
ClientSampleId : OWBR-03-128-148-051523



Tgt Ion: 98 Resp: 828319
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

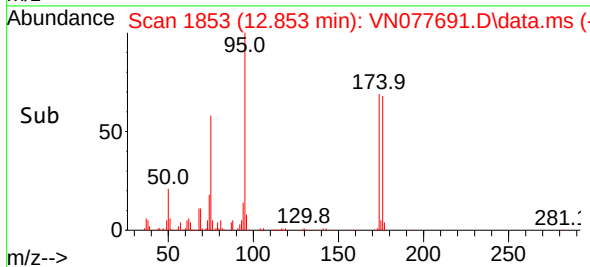
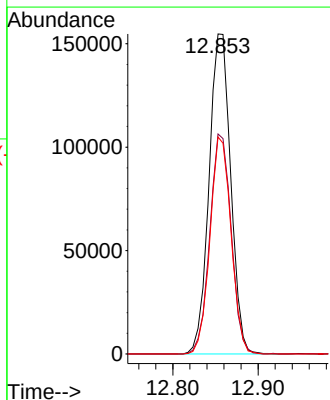
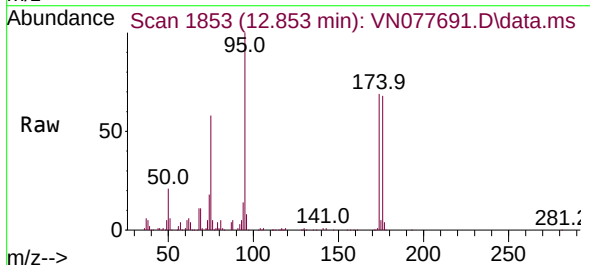
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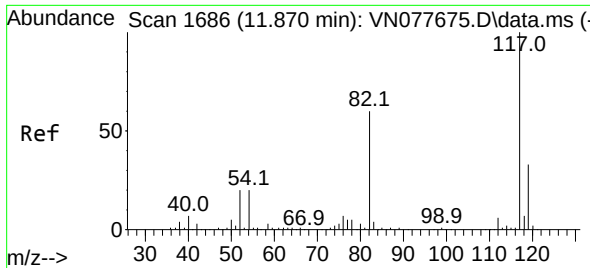
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#62
4-Bromofluorobenzene
Concen: 46.361 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077691.D
Acq: 16 May 2023 14:39

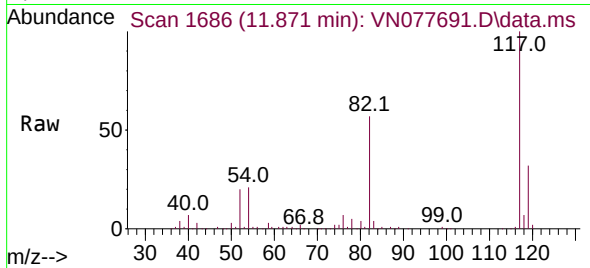
Tgt Ion: 95 Resp: 272814
Ion Ratio Lower Upper
95 100
174 67.8 0.0 143.8
176 65.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077691.D
Acq: 16 May 2023 14:39

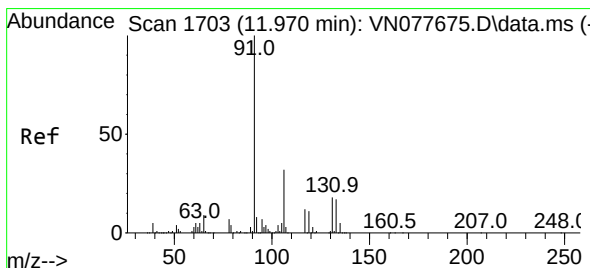
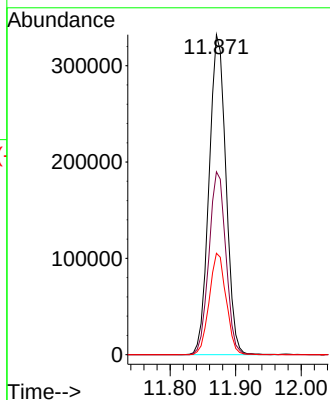
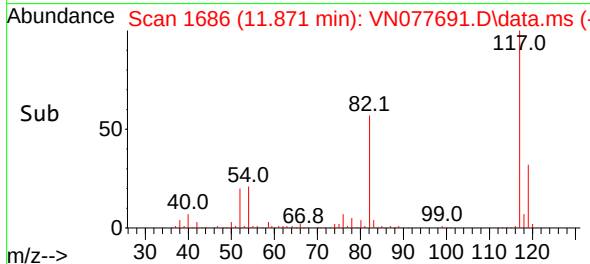
Instrument :
MSVOA_N
ClientSampleId :
OWBR-03-128-148-051523



Tgt Ion: 117 Resp: 593952
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.7 25.6 38.4

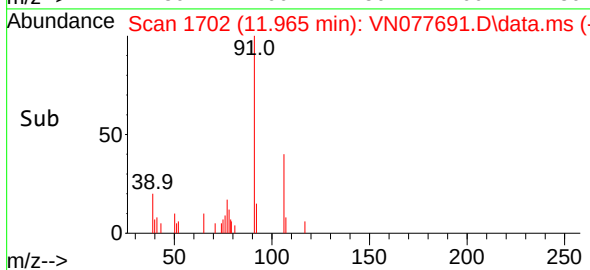
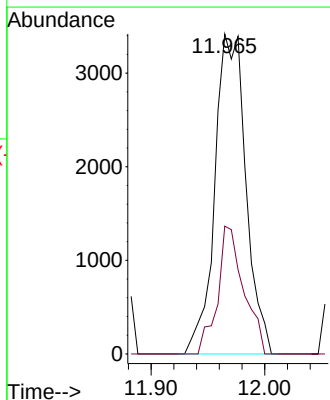
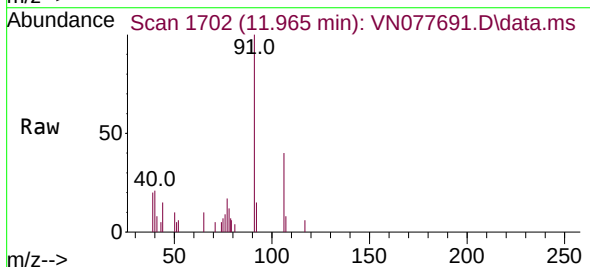
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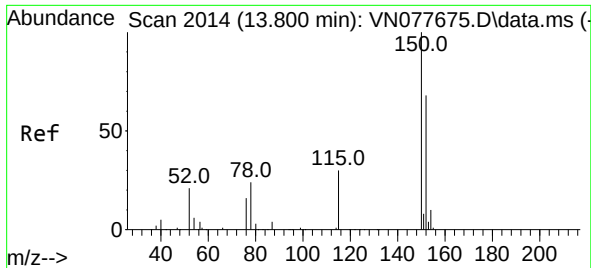
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#67
Ethyl Benzene
Concen: 0.281 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN077691.D
Acq: 16 May 2023 14:39

Tgt Ion: 91 Resp: 6490
Ion Ratio Lower Upper
91 100
106 40.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN077691.D

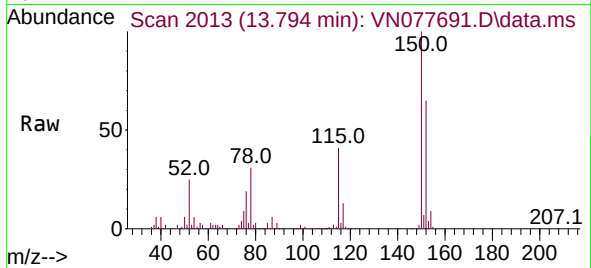
Acq: 16 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

OWBR-03-128-148-051523



Tgt Ion:152 Resp: 236690

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 158.7 0.0 355.8

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