

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082468.D
 Acq On : 05 Jun 2024 14:12
 Operator : JC\MD
 Sample : PB161297ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:56:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138585	55.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.860%			
35) Dibromofluoromethane	8.165	113	98738	55.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.320%			
50) Toluene-d8	10.571	98	394339	57.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.920%#			
62) 4-Bromofluorobenzene	12.853	95	133422	54.472	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.940%			
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	96744	95.180	ug/l #	88
20) Methylene Chloride	5.277	84	4449	2.169	ug/l #	79
25) 2-Butanone	7.489	43	23401	15.185	ug/l #	79
43) Isopropyl Acetate	8.694	43	261657	43.954	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	23698m	7.007	ug/l	

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

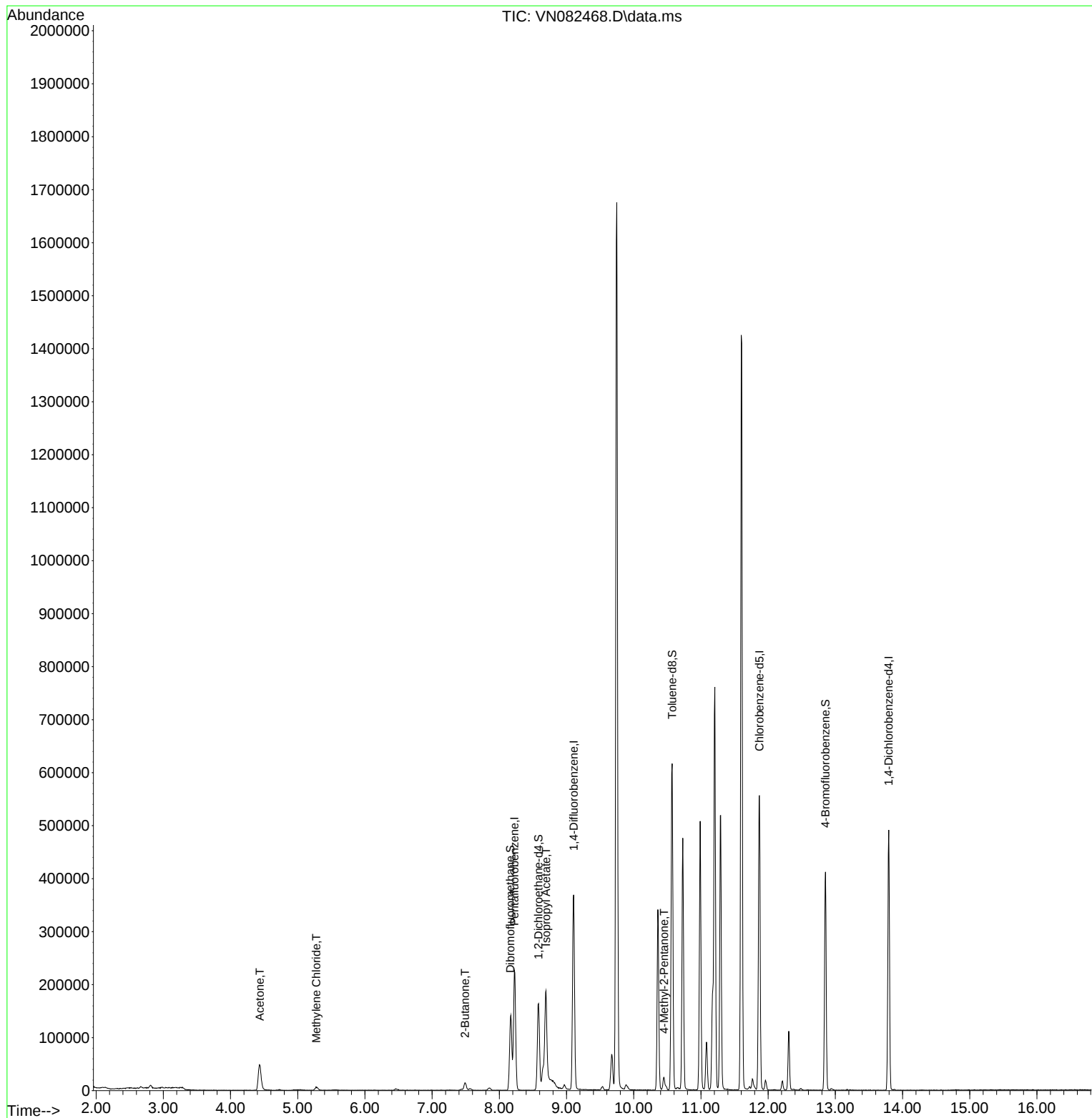
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
Data File : VN082468.D
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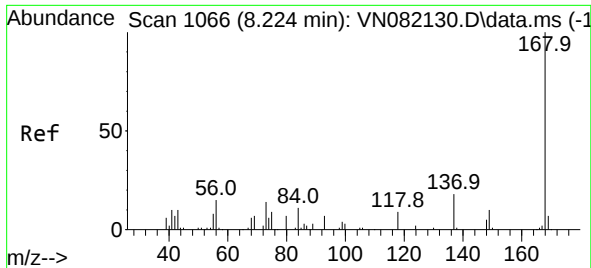
Instrument :
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ClientSampleId :
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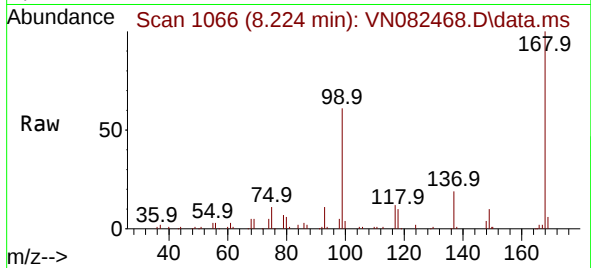
Quant Time: Jun 06 00:56:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12

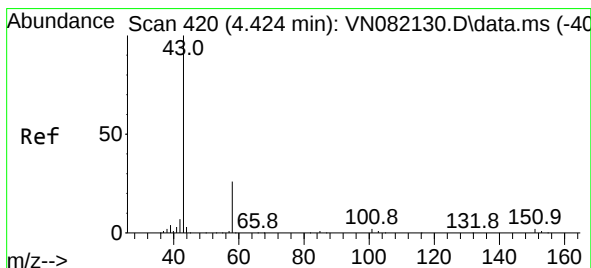
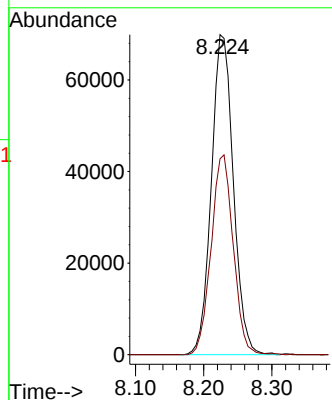
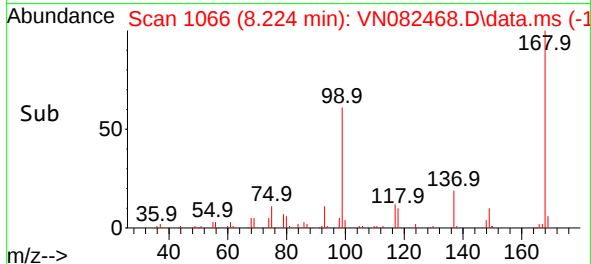
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#04



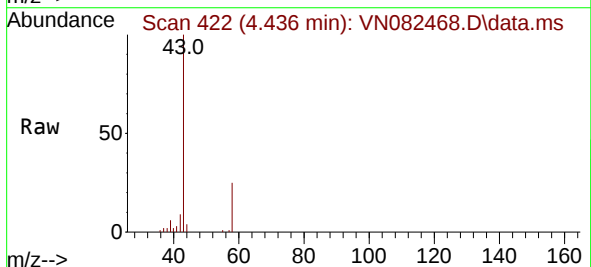
Tgt Ion:168 Resp: 156919
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4

Manual Integrations
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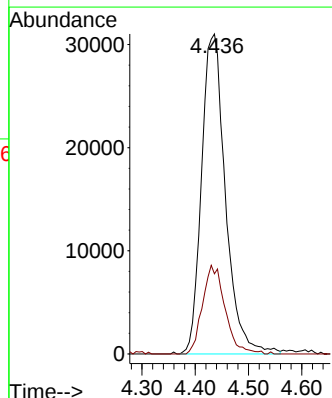
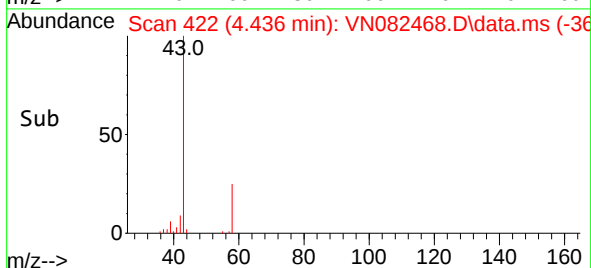
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

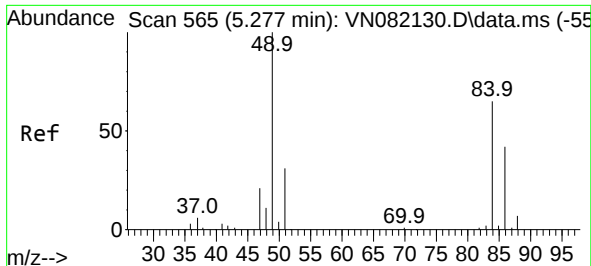


#16
Acetone
Concen: 95.180 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12



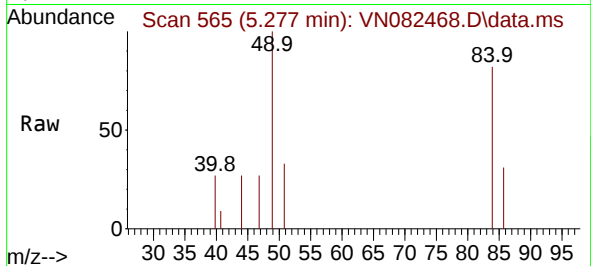
Tgt Ion: 43 Resp: 96744
Ion Ratio Lower Upper
43 100
58 25.1 25.2 37.8#





#20
Methylene Chloride
Concen: 2.169 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#04

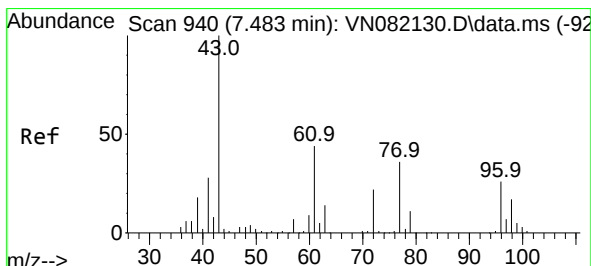
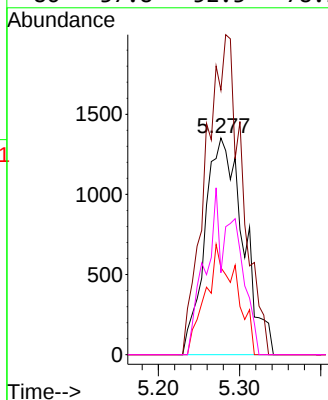
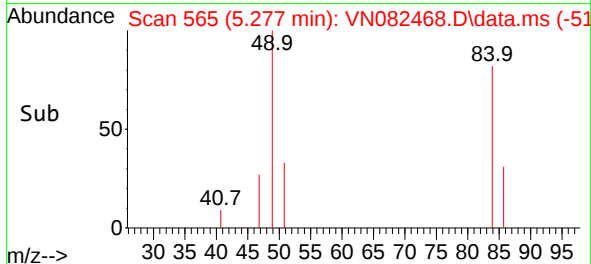


Tgt Ion: 84 Resp: 4449

Ion	Ratio	Lower	Upper
84	100		
49	122.1	84.9	127.3
51	40.2	27.0	40.6
86	37.8	52.3	78.5#

Manual Integrations
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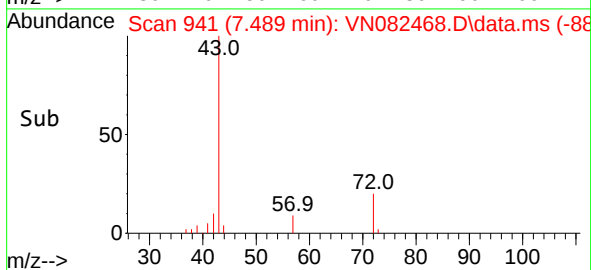
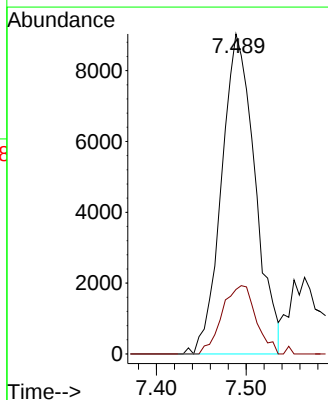
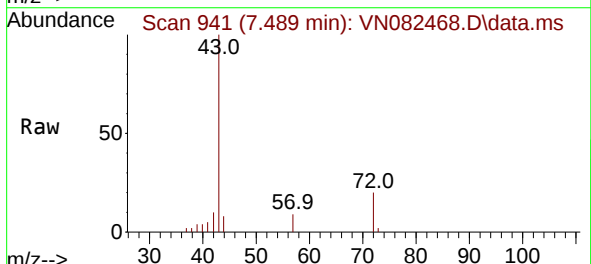
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

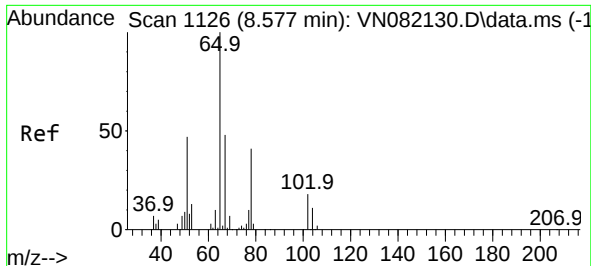


#25
2-Butanone
Concen: 15.185 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12

Tgt Ion: 43 Resp: 23401

Ion	Ratio	Lower	Upper
43	100		
72	20.2	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 55.931 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082468.D

Acq: 05 Jun 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB161297ZHE#04

Tgt Ion: 65 Resp: 13858

Ion Ratio Lower Upper

65 100

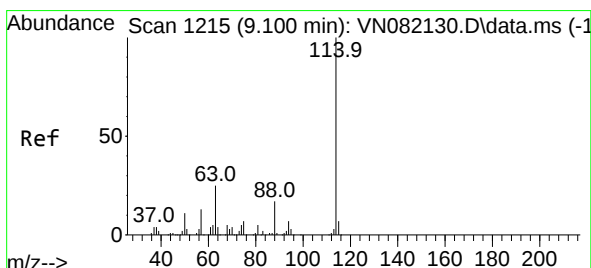
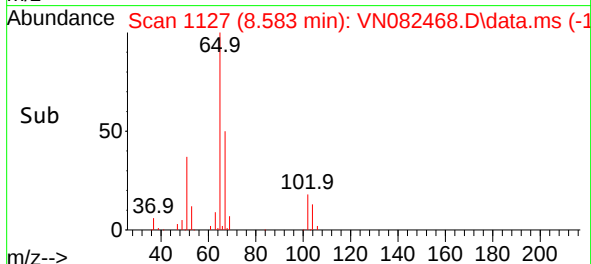
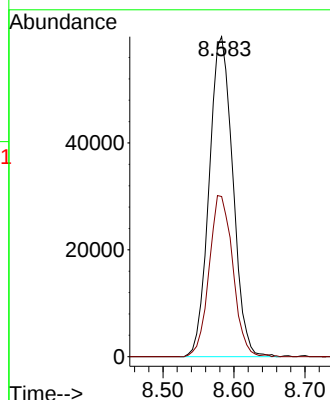
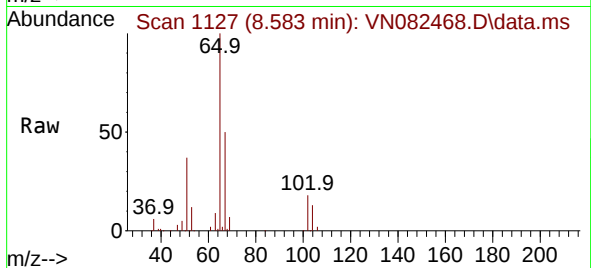
67 50.4 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082468.D

Acq: 05 Jun 2024 14:12

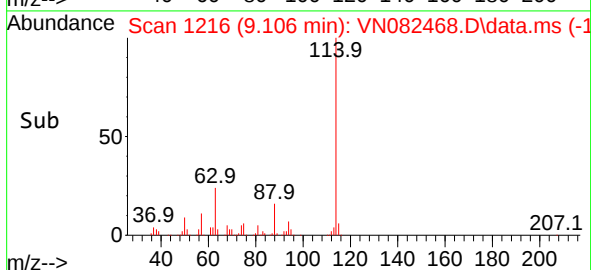
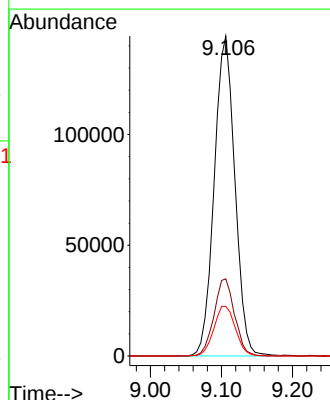
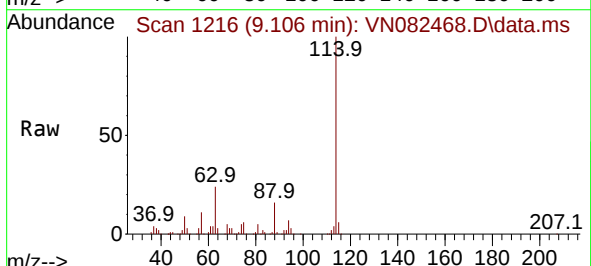
Tgt Ion:114 Resp: 290972

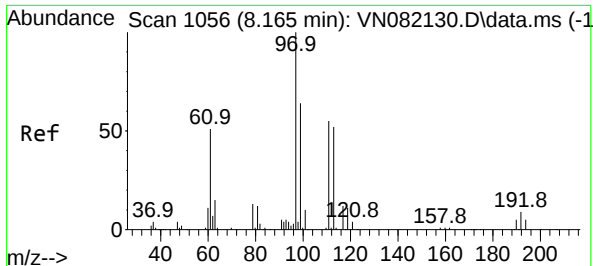
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.163 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082468.D

Acq: 05 Jun 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB161297ZHE#04

Tgt Ion: 113 Resp: 98738

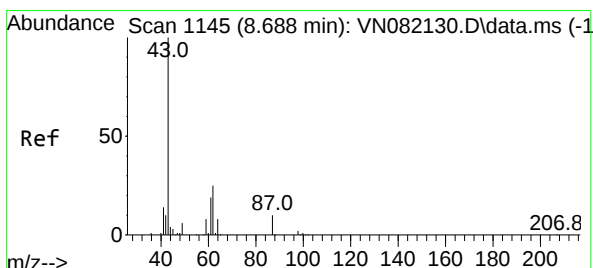
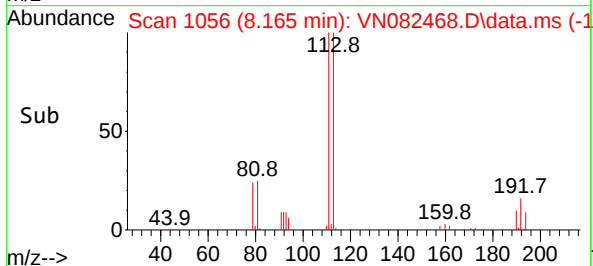
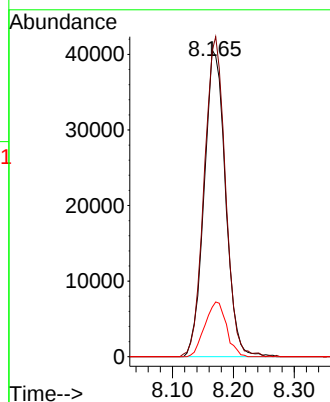
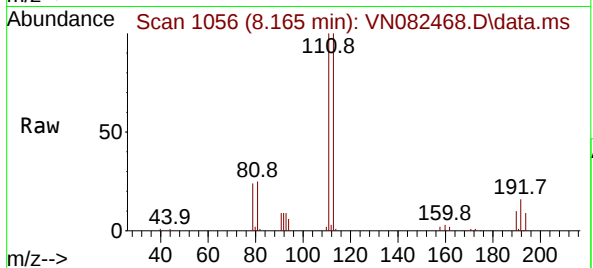
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	18.0	14.0	21.0

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Supervised By :Mahesh Dadoda 06/06/2024



#43

Isopropyl Acetate

Concen: 43.954 ug/l

RT: 8.694 min Scan# 1146

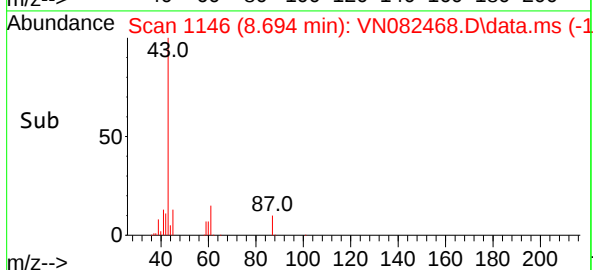
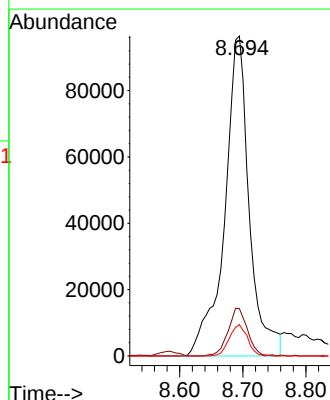
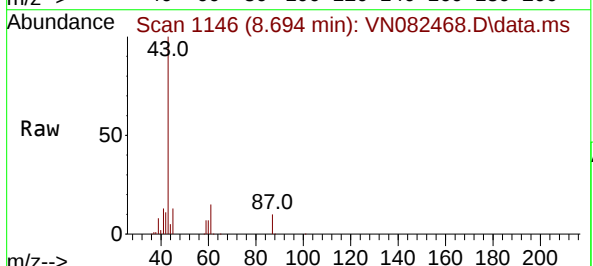
Delta R.T. 0.006 min

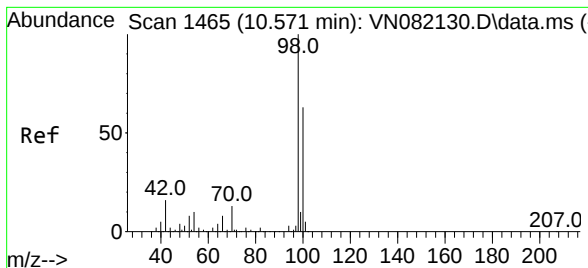
Lab File: VN082468.D

Acq: 05 Jun 2024 14:12

Tgt Ion: 43 Resp: 261657

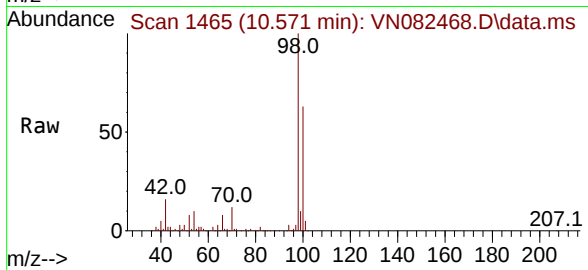
Ion	Ratio	Lower	Upper
43	100		
61	11.8	22.8	34.2#
87	7.2	12.0	18.0#





#50
Toluene-d8
Concen: 57.463 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12

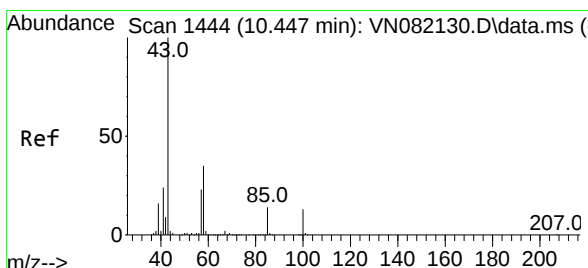
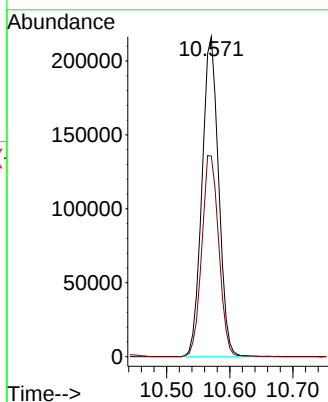
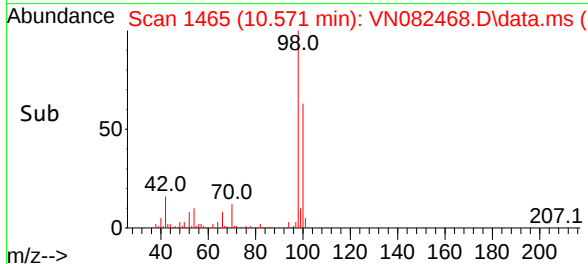
Instrument :
MSVOA_N
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PB161297ZHE#04



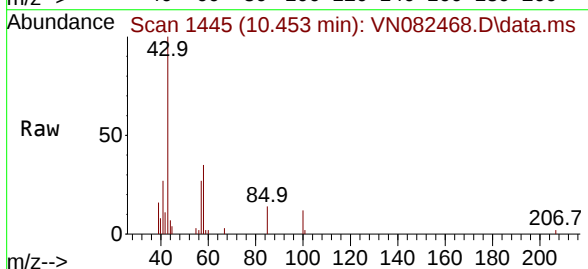
Tgt Ion: 98 Resp: 394339
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

Manual Integrations
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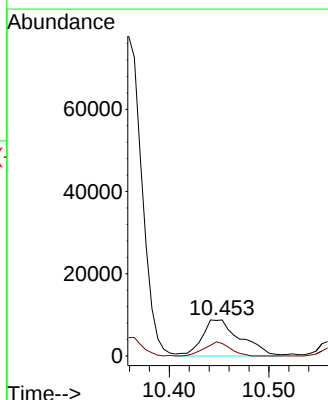
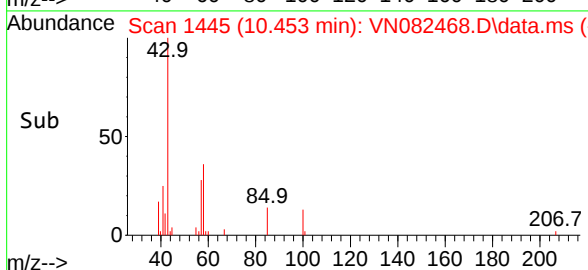
Reviewed By :John Carlone 06/06/2024
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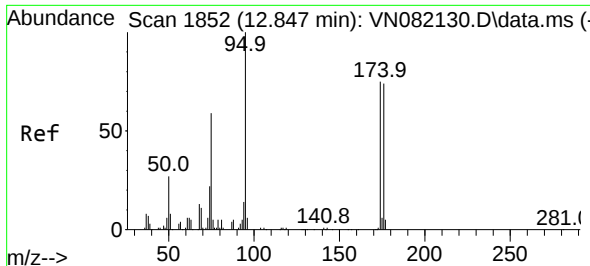


#51
4-Methyl-2-Pentanone
Concen: 7.007 ug/l m
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12



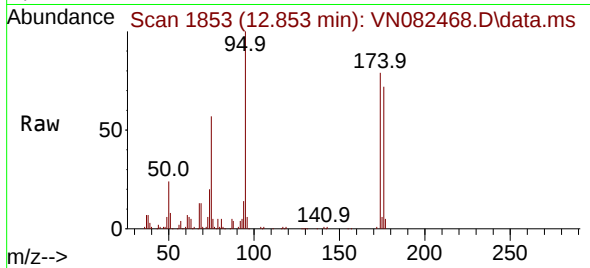
Tgt Ion: 43 Resp: 23698
Ion Ratio Lower Upper
43 100
58 18.6 33.2 49.8#





#62
4-Bromofluorobenzene
Concen: 54.472 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12

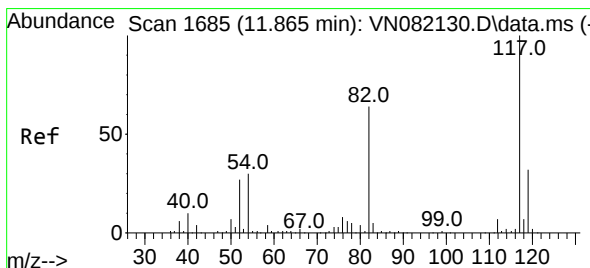
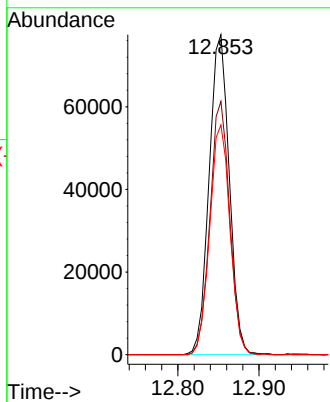
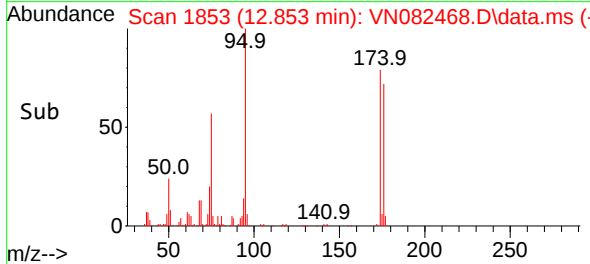
Instrument :
MSVOA_N
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PB161297ZHE#04



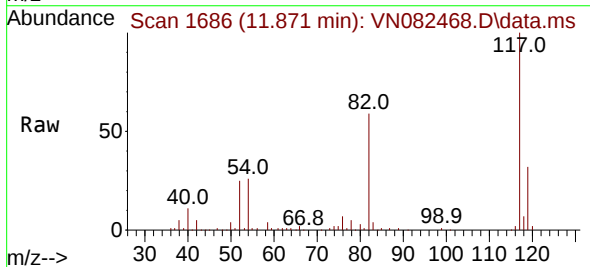
Tgt Ion: 95 Resp: 13342
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.6
176 72.2 0.0 152.8

Manual Integrations
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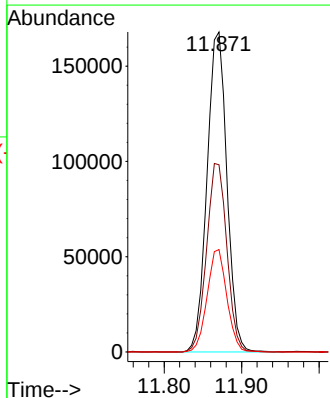
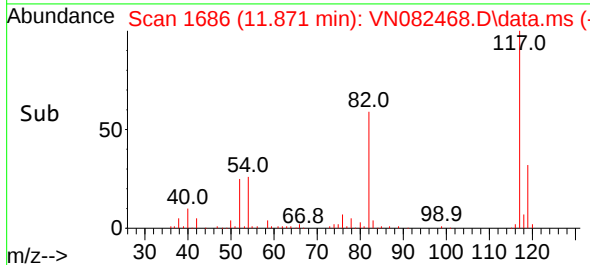
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

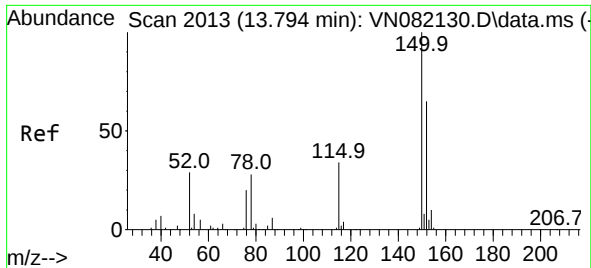


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082468.D
Acq: 05 Jun 2024 14:12



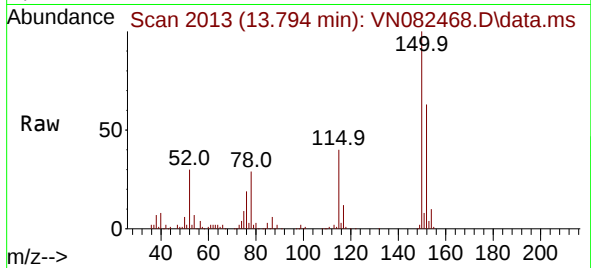
Tgt Ion:117 Resp: 299260
Ion Ratio Lower Upper
117 100
82 58.5 44.6 66.8
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082468.D
 Acq: 05 Jun 2024 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#04



Tgt Ion:152 Resp: 123572
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.4 91.3
 150 156.8 0.0 353.2

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