

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082469.D
 Acq On : 05 Jun 2024 14:37
 Operator : JC\MD
 Sample : PB161297ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#05

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 00:56:47 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	8.230	168	150319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	283503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133412	56.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 112.420%		
35) Dibromofluoromethane	8.171	113	97213	55.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 111.980%		
50) Toluene-d8	10.571	98	376060	56.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 113.000%		
62) 4-Bromofluorobenzene	12.853	95	123273	51.887	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 103.780%		
Target Compounds						Qvalue
16) Acetone	4.436	43	98242	100.897	ug/l	89
20) Methylene Chloride	5.294	84	4177	2.126	ug/l #	82
25) 2-Butanone	7.488	43	24455	16.566	ug/l #	86
43) Isopropyl Acetate	8.694	43	283671	49.128	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	23712m	7.228	ug/l	

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

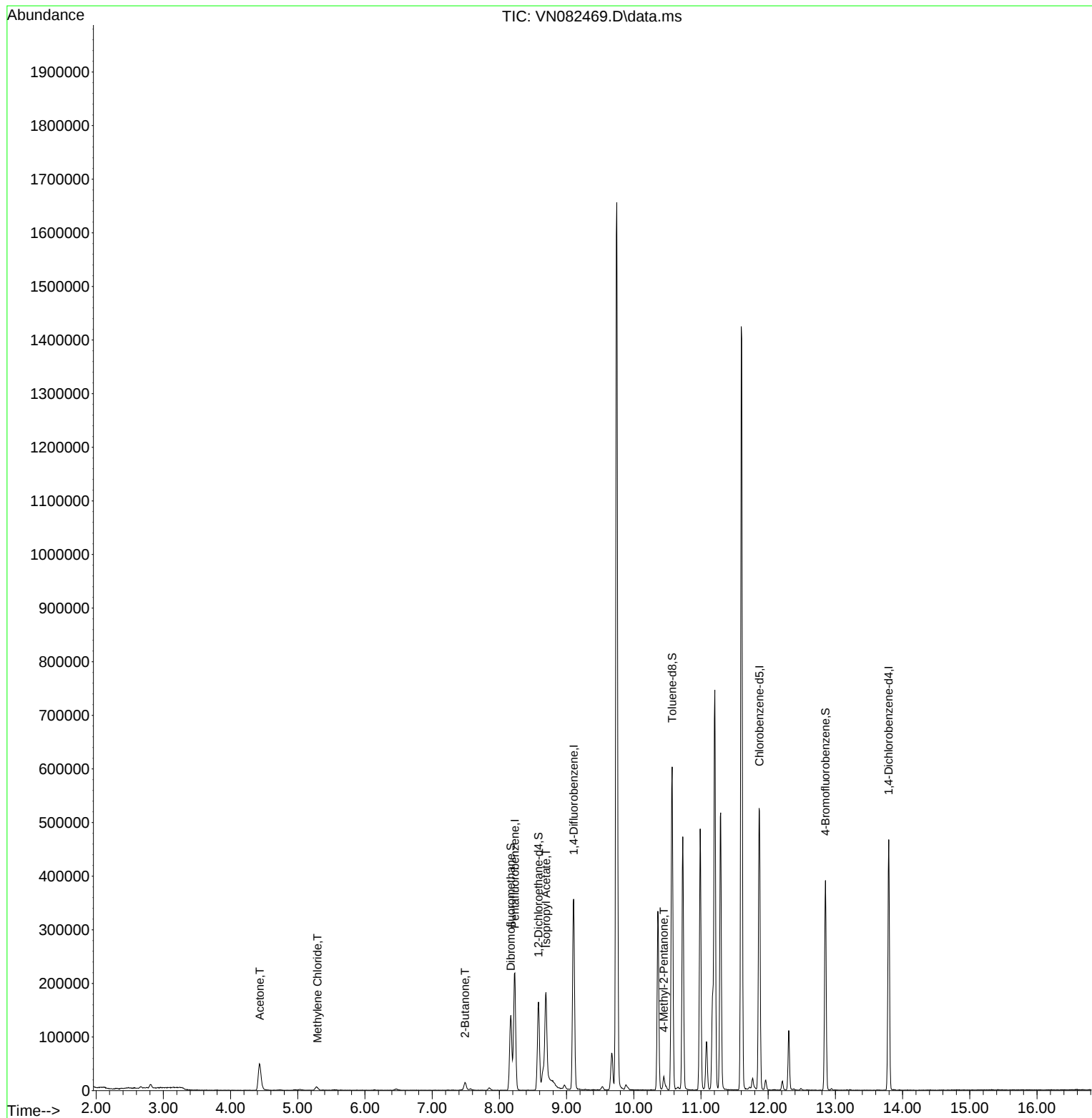
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
Data File : VN082469.D
Acq On : 05 Jun 2024 14:37
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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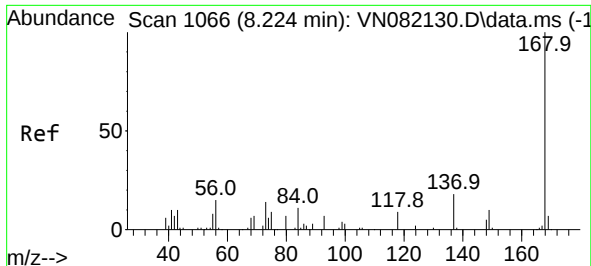
Instrument :
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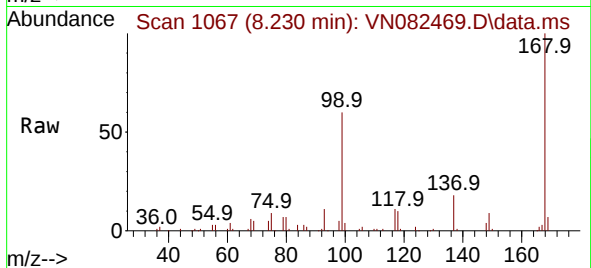
Quant Time: Jun 06 00:56:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37

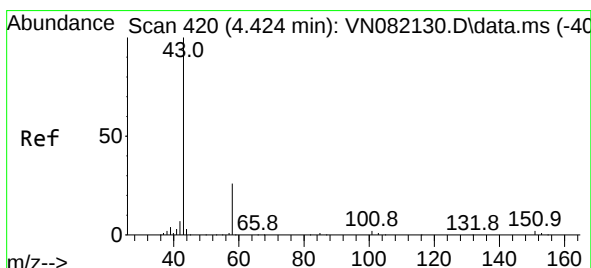
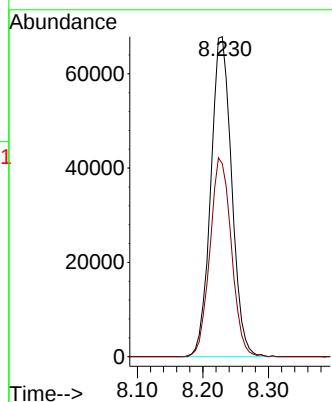
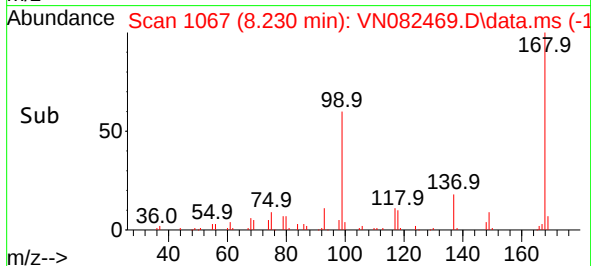
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#05



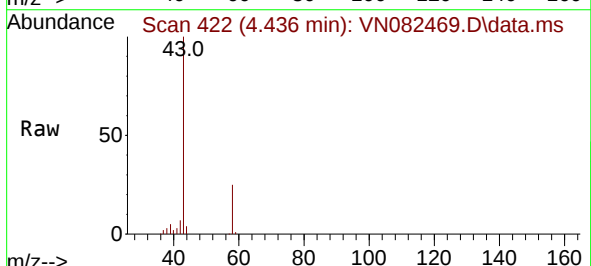
Tgt Ion:168 Resp: 150319
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4

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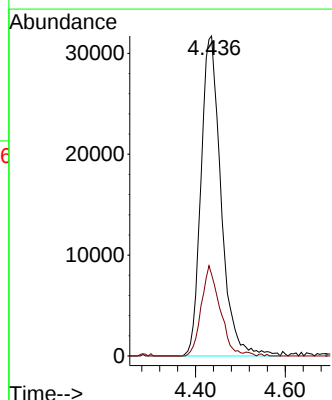
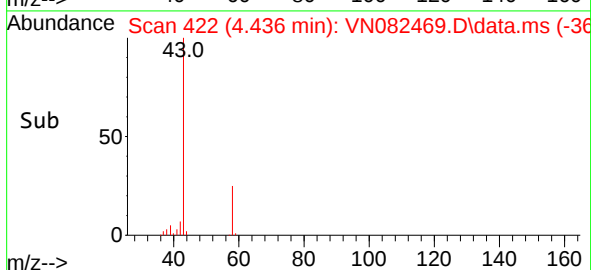
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

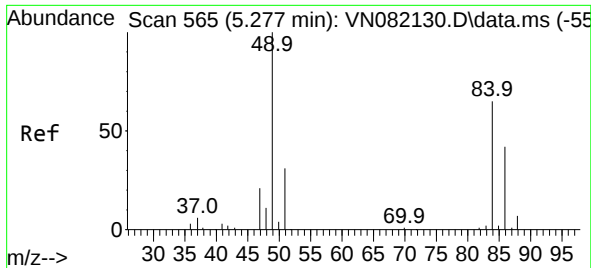


#16
Acetone
Concen: 100.897 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37



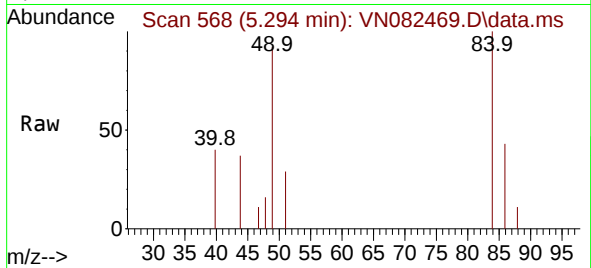
Tgt Ion: 43 Resp: 98242
Ion Ratio Lower Upper
43 100
58 25.5 25.2 37.8





#20
Methylene Chloride
Concen: 2.126 ug/l
RT: 5.294 min Scan# 50
Delta R.T. 0.018 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37

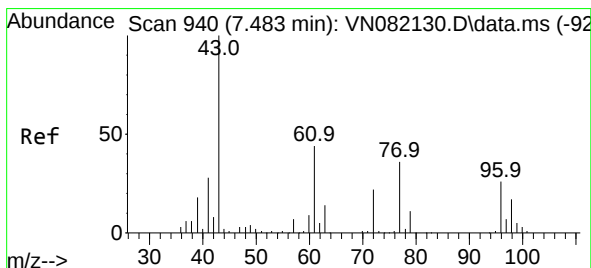
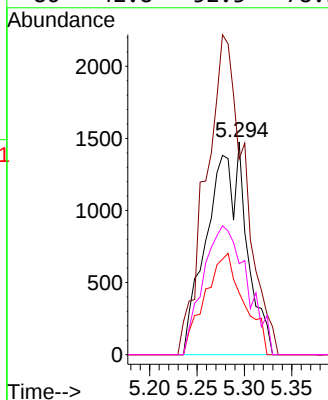
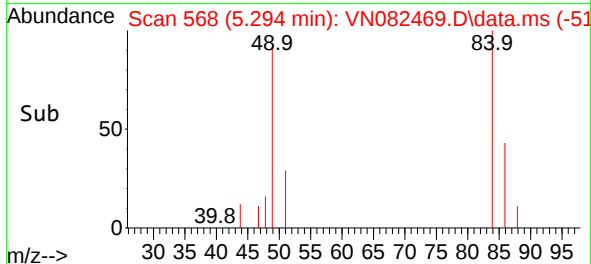
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#05



Tgt Ion: 84 Resp: 417
Ion Ratio Lower Upper
84 100
49 91.9 84.9 127.3
51 29.0 27.0 40.6
86 42.8 52.3 78.5#

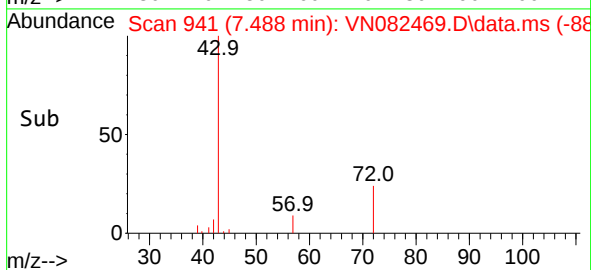
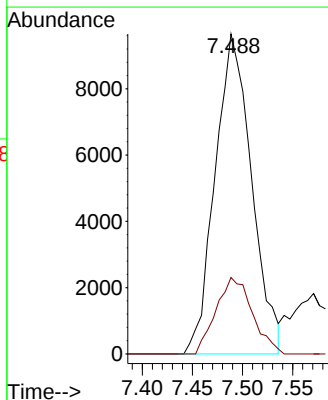
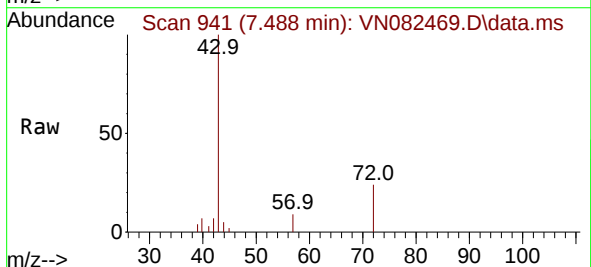
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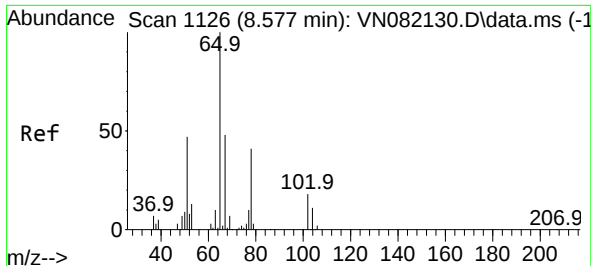
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#25
2-Butanone
Concen: 16.566 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37

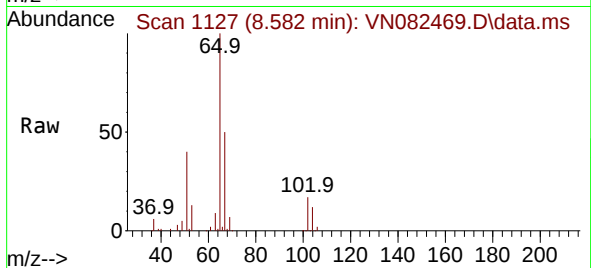
Tgt Ion: 43 Resp: 24455
Ion Ratio Lower Upper
43 100
72 23.9 25.3 37.9#





#33
1,2-Dichloroethane-d4
Concen: 56.207 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37

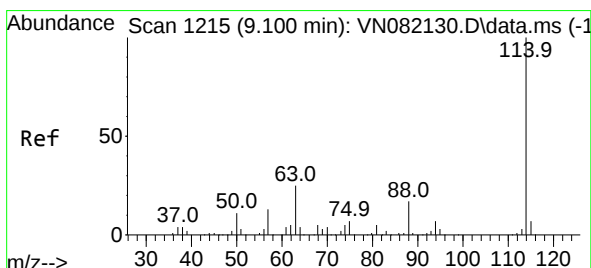
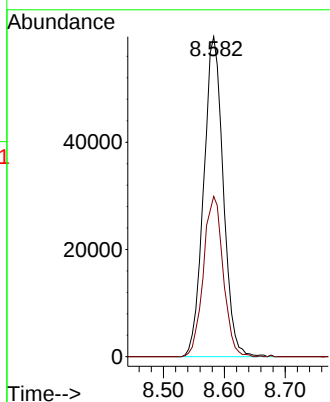
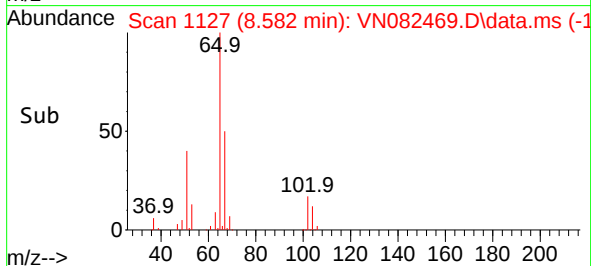
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#05



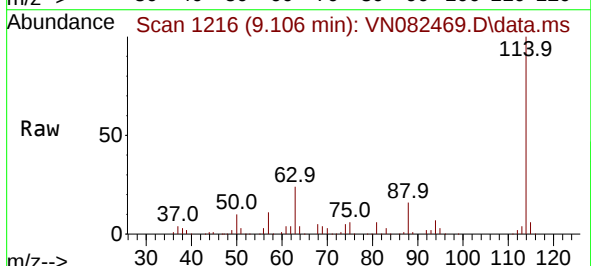
Tgt Ion: 65 Resp: 133412
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0

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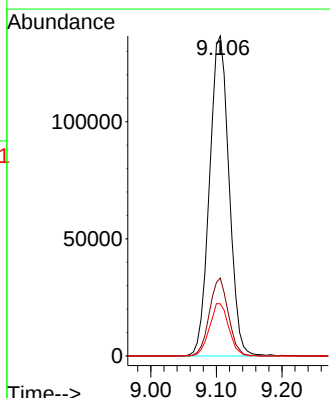
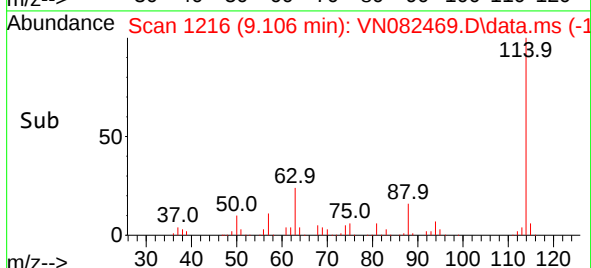
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

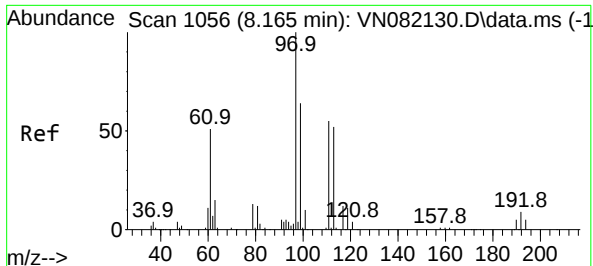


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37



Tgt Ion: 114 Resp: 282232
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.993 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082469.D

Acq: 05 Jun 2024 14:37

Instrument :

MSVOA_N

ClientSampleId :

PB161297ZHE#05

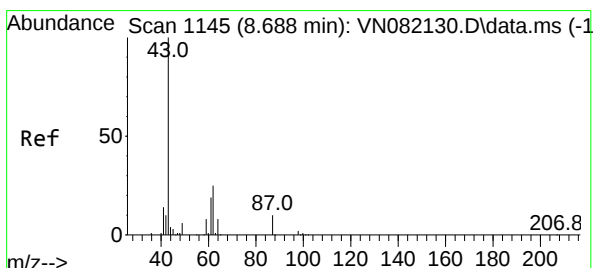
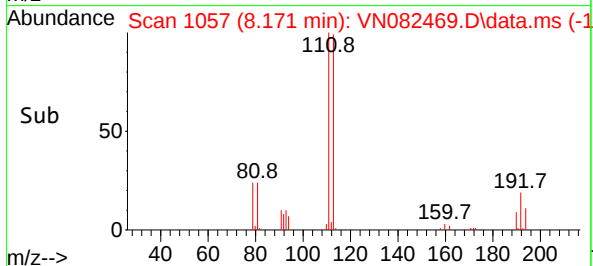
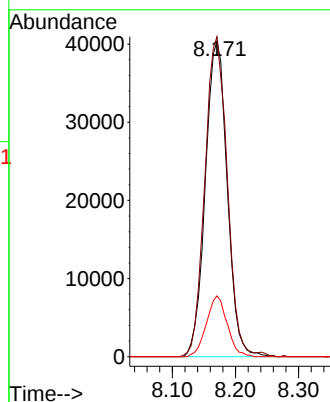
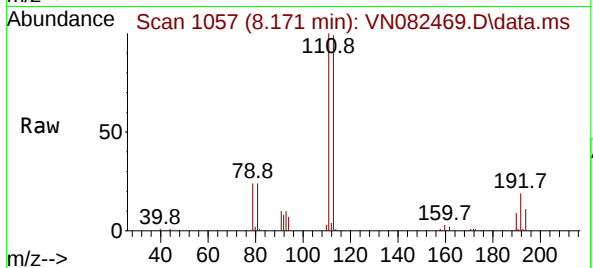
Tgt Ion:	113	Resp:	9721
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.4	125.2
192	18.3	14.0	21.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/06/2024



#43

Isopropyl Acetate

Concen: 49.128 ug/l

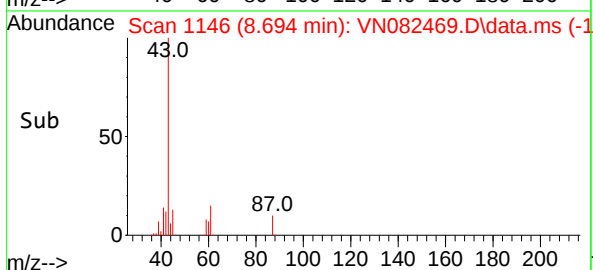
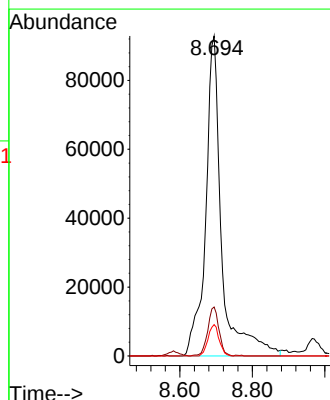
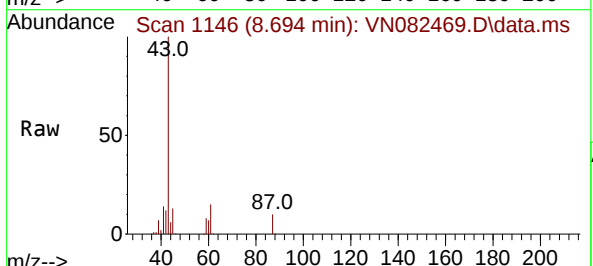
RT: 8.694 min Scan# 1146

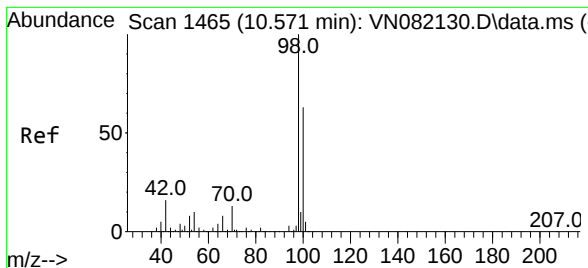
Delta R.T. 0.006 min

Lab File: VN082469.D

Acq: 05 Jun 2024 14:37

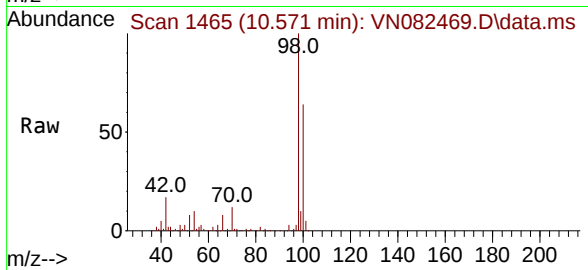
Tgt Ion:	43	Resp:	283671
Ion Ratio	Lower	Upper	
43	100		
61	10.8	22.8	34.2#
87	6.8	12.0	18.0#





#50
Toluene-d8
Concen: 56.497 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37

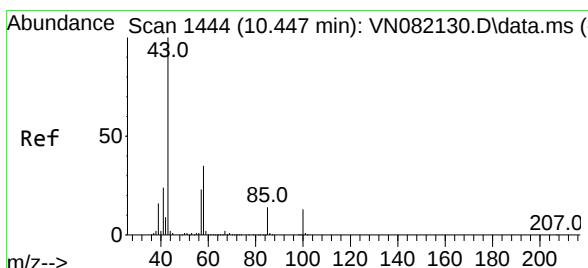
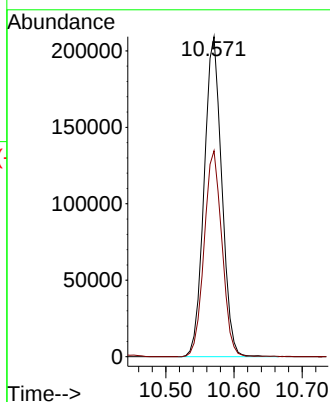
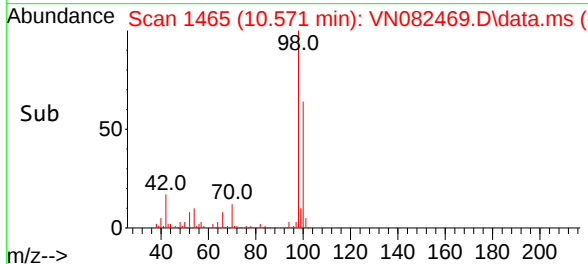
Instrument :
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ClientSampleId :
PB161297ZHE#05



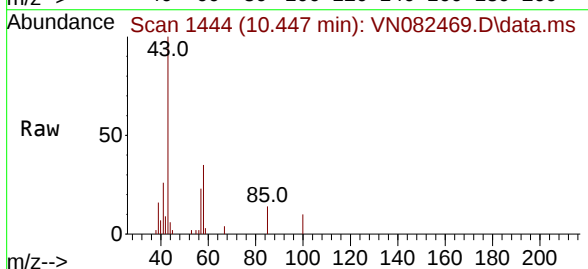
Tgt Ion: 98 Resp: 376060
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

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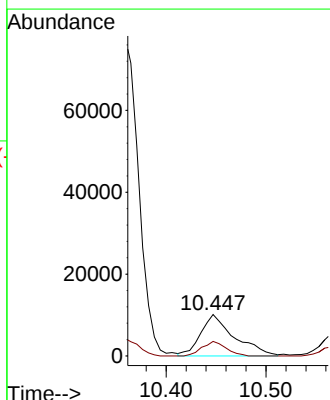
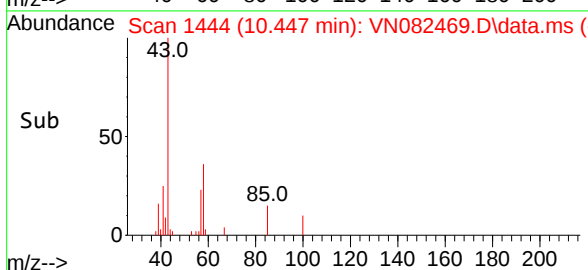
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

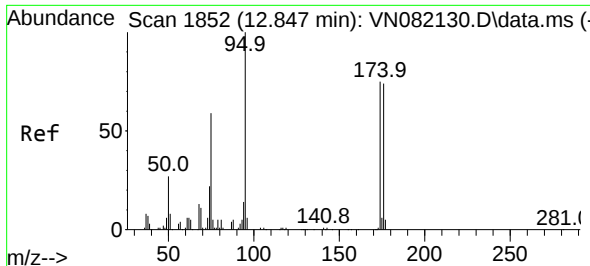


#51
4-Methyl-2-Pentanone
Concen: 7.228 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37



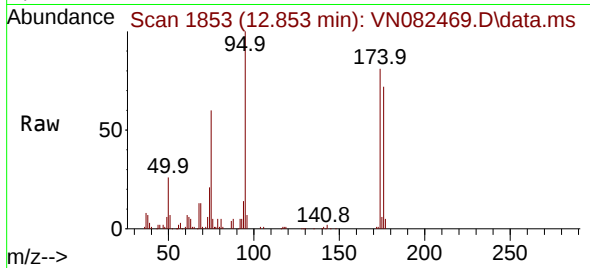
Tgt Ion: 43 Resp: 23712
Ion Ratio Lower Upper
43 100
58 17.4 33.2 49.8#





#62
4-Bromofluorobenzene
Concen: 51.887 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37

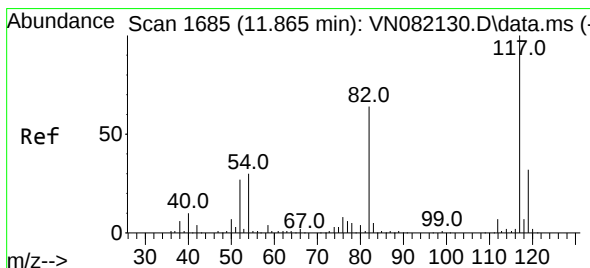
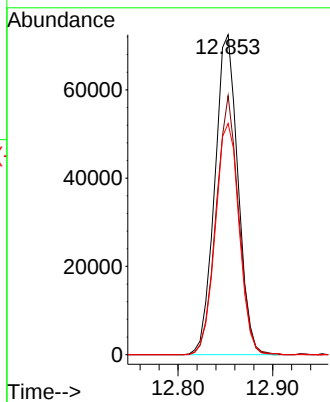
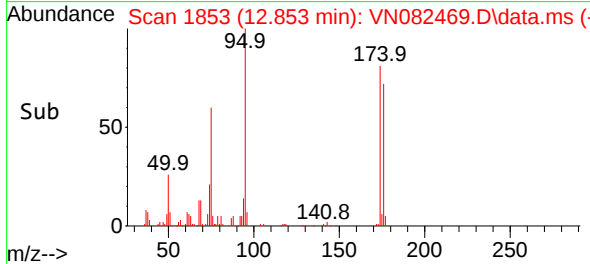
Instrument :
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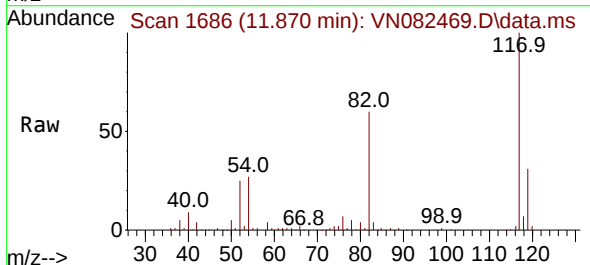
Tgt Ion: 95 Resp: 12327
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.6
176 74.3 0.0 152.8

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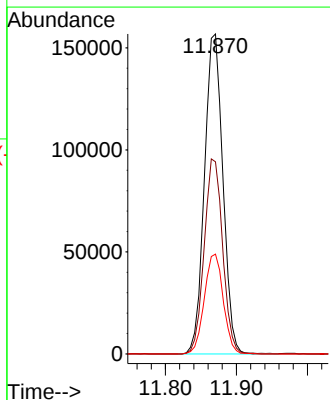
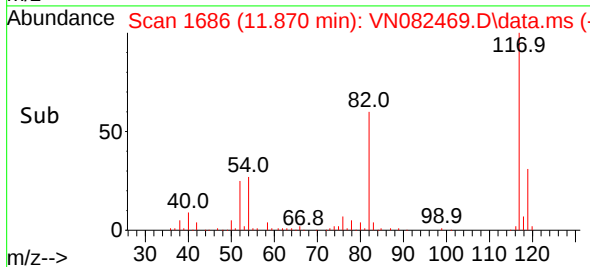
Reviewed By :John Carlone 06/06/2024
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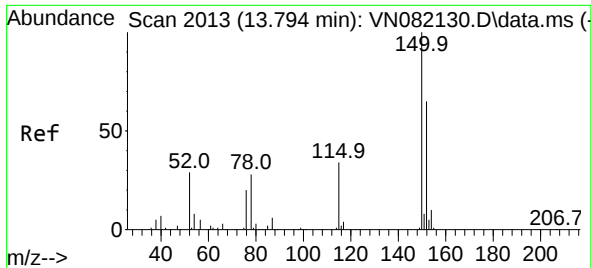


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082469.D
Acq: 05 Jun 2024 14:37



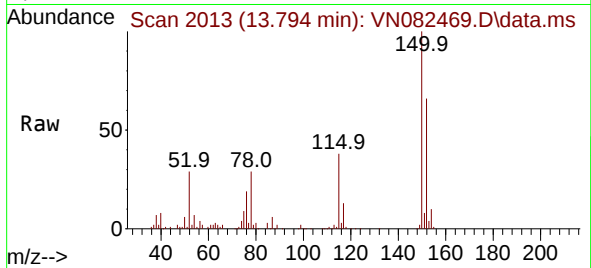
Tgt Ion:117 Resp: 283503
Ion Ratio Lower Upper
117 100
82 60.0 44.6 66.8
119 31.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082469.D
 Acq: 05 Jun 2024 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#05



Tgt Ion:152 Resp: 116140
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.4 91.3
 150 153.8 0.0 353.2

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