

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082441.D
 Acq On : 03 Jun 2024 18:02
 Operator : JC\MD
 Sample : PB161254ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:33:19 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	8.229	168	156721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138398	55.926	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.860%			
35) Dibromofluoromethane	8.171	113	100104	55.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.500%			
50) Toluene-d8	10.571	98	389695	56.609	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.220%#			
62) 4-Bromofluorobenzene	12.853	95	131371	53.467	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.940%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	102142	100.618	ug/l	99
20) Methylene Chloride	5.283	84	3230	1.577	ug/l #	91
25) 2-Butanone	7.488	43	27170	17.653	ug/l #	79
37) Ethyl Acetate	7.571	43	5233	1.553	ug/l #	79
43) Isopropyl Acetate	8.694	43	342816	57.407	ug/l #	69
51) 4-Methyl-2-Pentanone	10.453	43	24322m	7.168	ug/l	

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

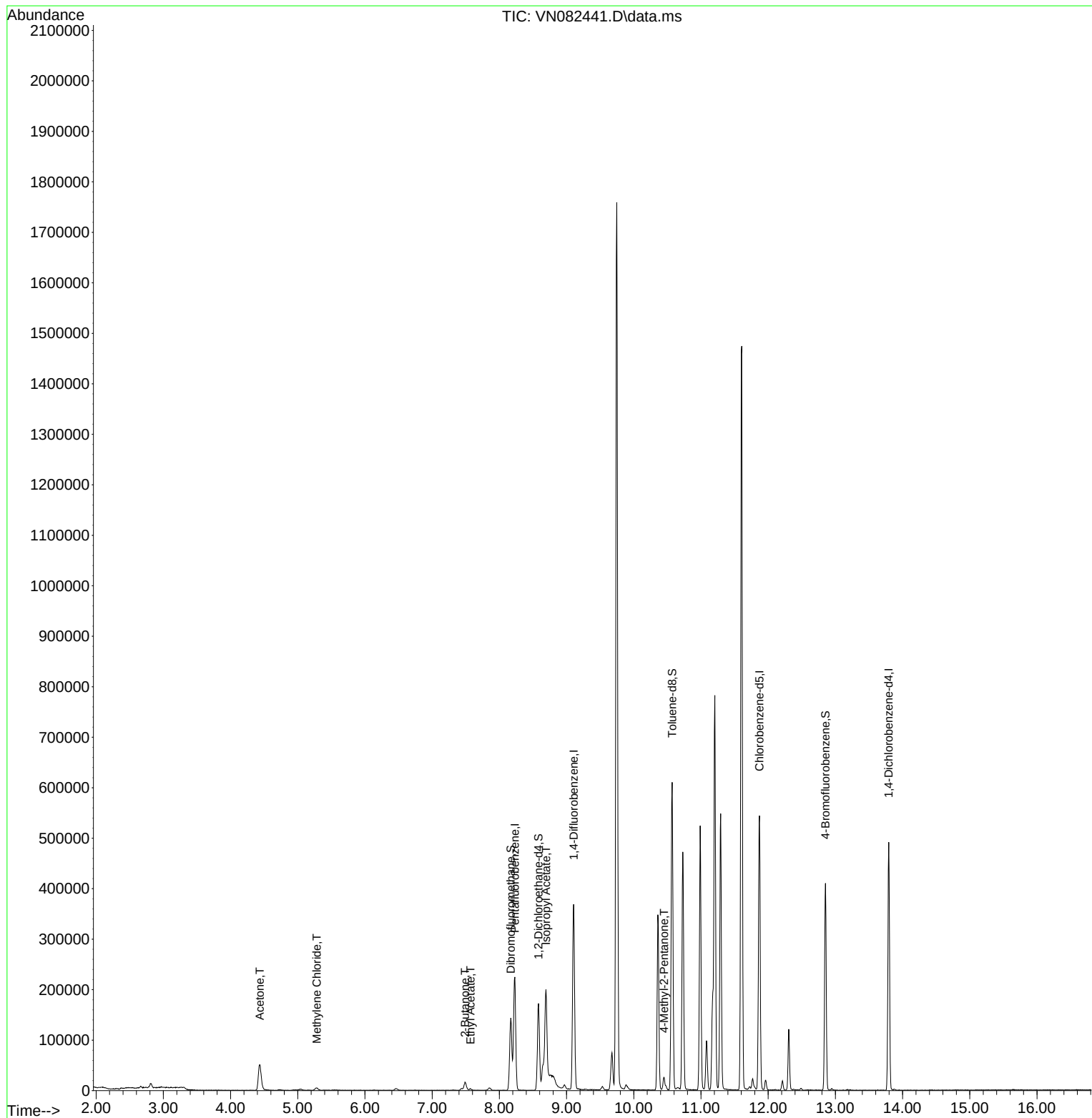
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
Data File : VN082441.D
Acq On : 03 Jun 2024 18:02
Operator : JC\MD
Sample : PB161254ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

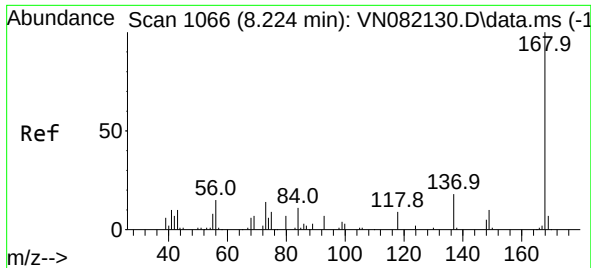
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08

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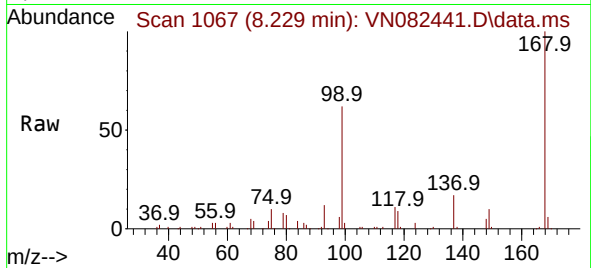
Quant Time: Jun 04 00:33:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

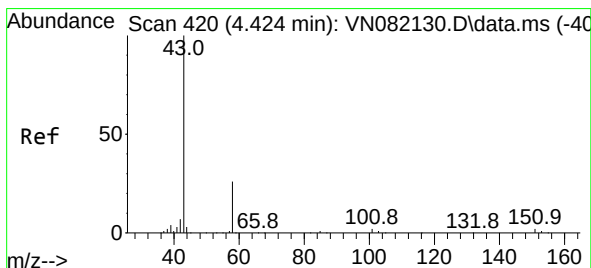
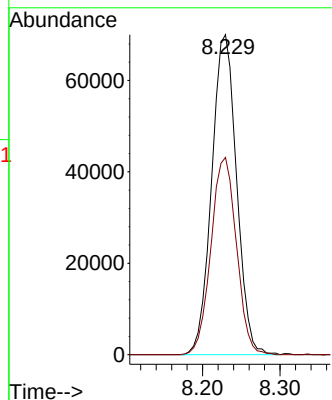
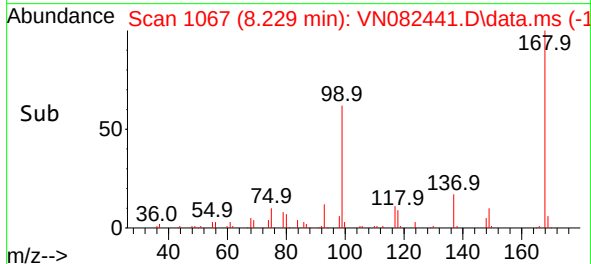
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08



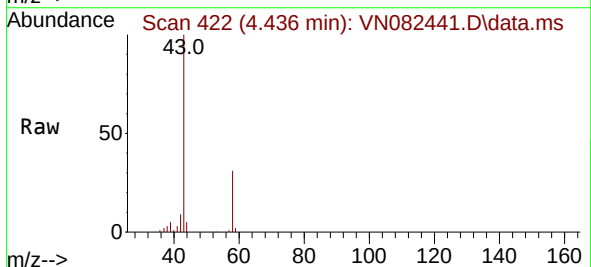
Tgt Ion:168 Resp: 15672
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4

Manual Integrations
APPROVED

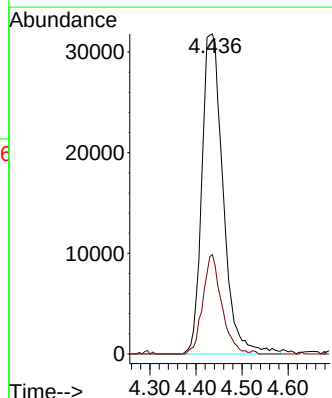
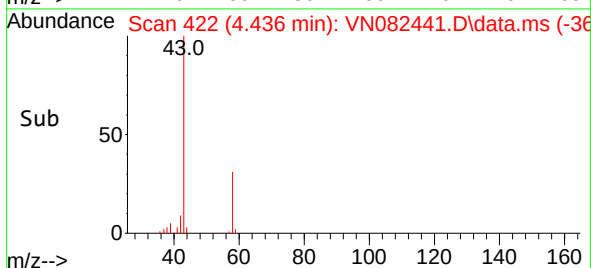
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024

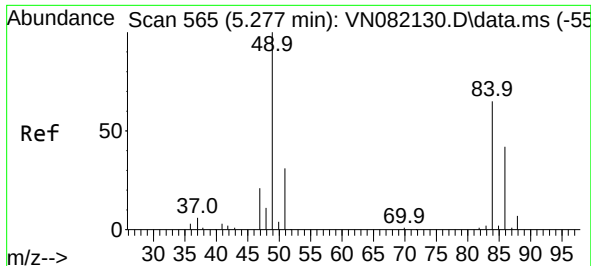


#16
Acetone
Concen: 100.618 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02



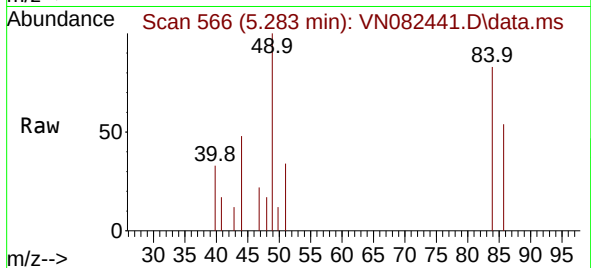
Tgt Ion: 43 Resp: 102142
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8





#20
Methylene Chloride
Concen: 1.577 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

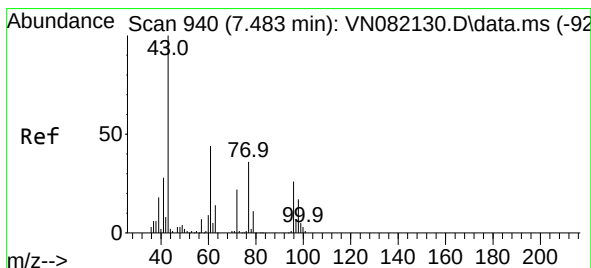
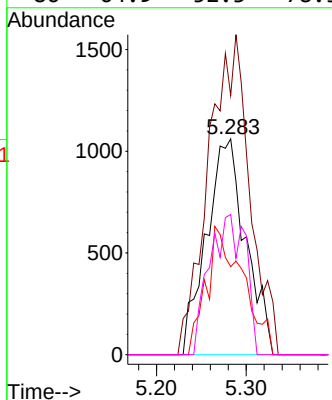
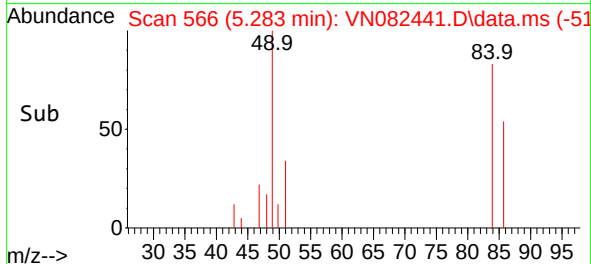
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08



Tgt Ion: 84 Resp: 3230
Ion Ratio Lower Upper
84 100
49 120.1 84.9 127.3
51 40.8 27.0 40.6
86 64.9 52.3 78.5

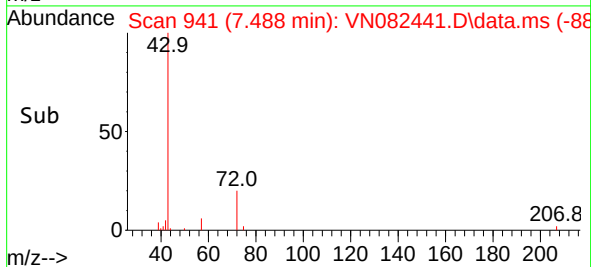
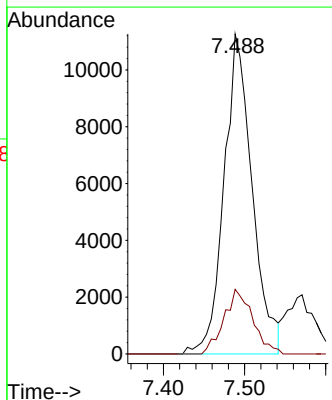
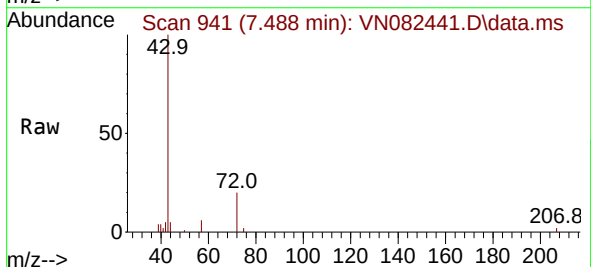
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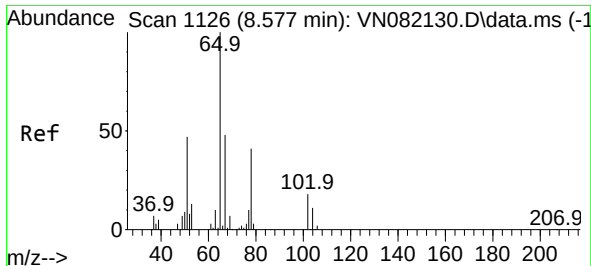
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#25
2-Butanone
Concen: 17.653 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

Tgt Ion: 43 Resp: 27170
Ion Ratio Lower Upper
43 100
72 20.2 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 55.926 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082441.D

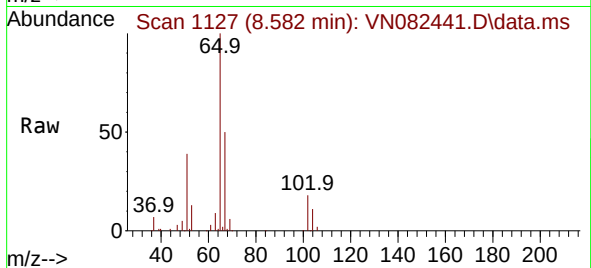
Acq: 03 Jun 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

PB161254ZHE#08



Tgt Ion: 65 Resp: 138398

Ion Ratio Lower Upper

65 100

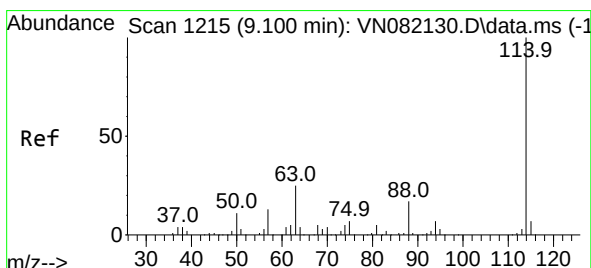
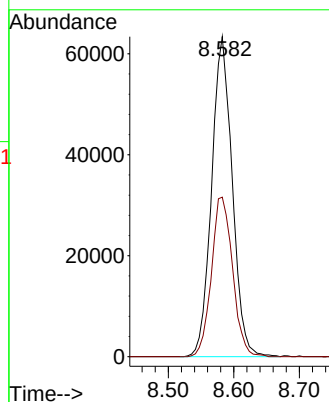
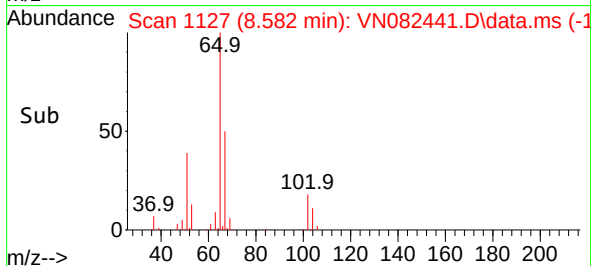
67 51.1 0.0 103.0

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082441.D

Acq: 03 Jun 2024 18:02

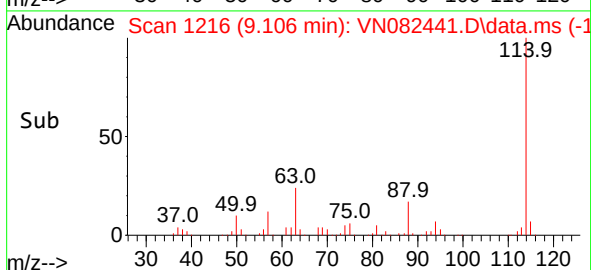
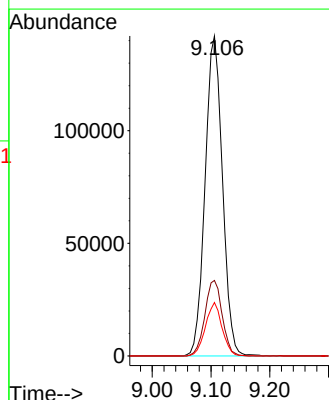
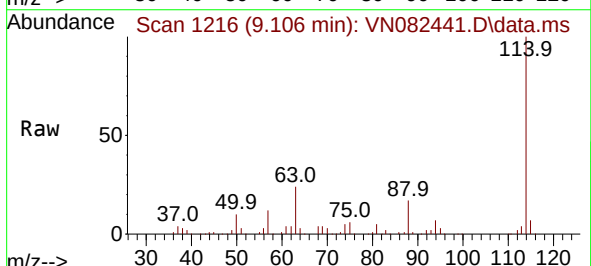
Tgt Ion:114 Resp: 291887

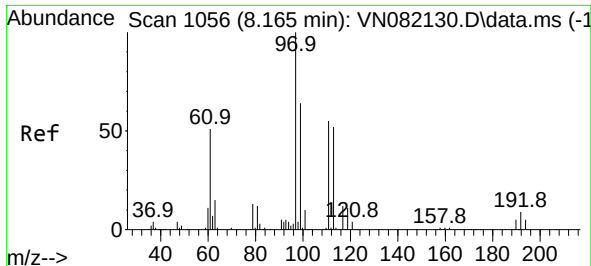
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

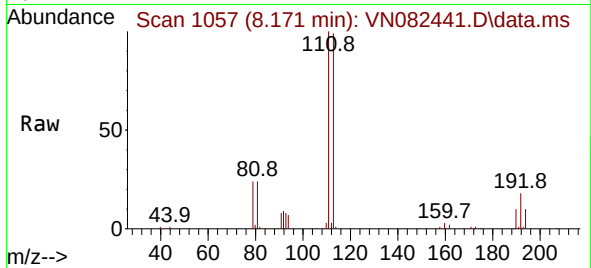
88 16.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 55.751 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

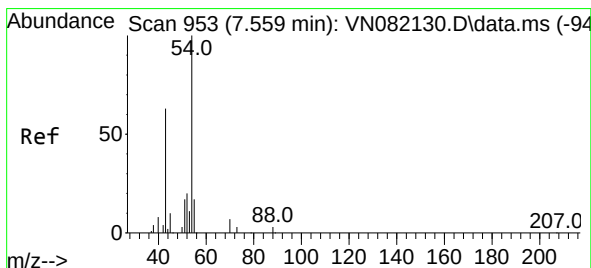
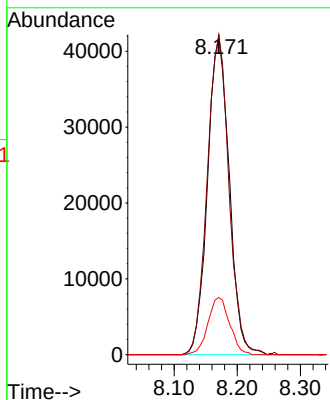
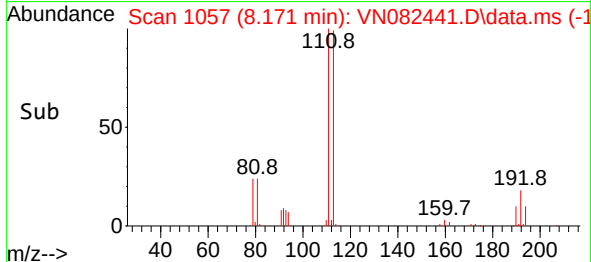
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08



Tgt Ion: 113 Resp: 100104
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.2
192 18.0 14.0 21.0

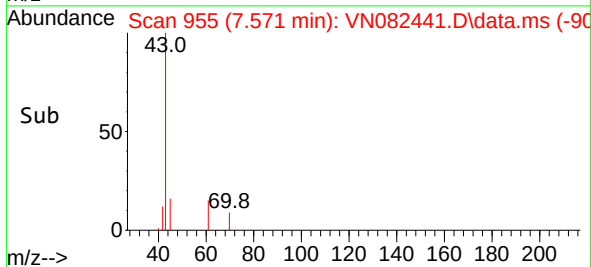
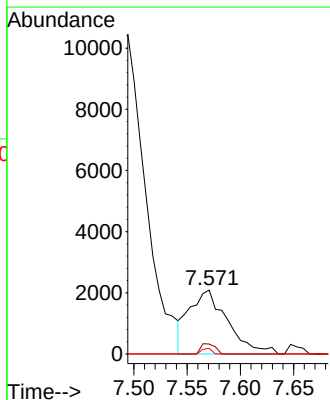
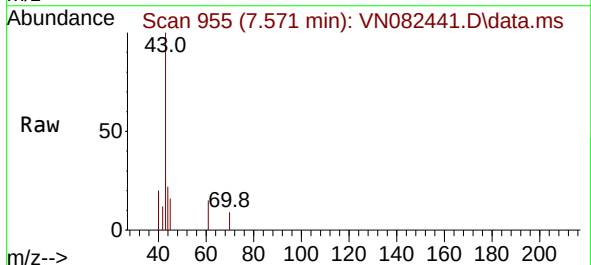
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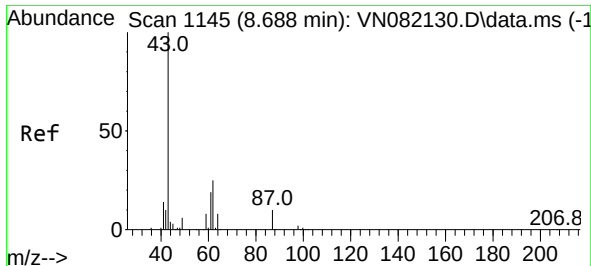
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#37
Ethyl Acetate
Concen: 1.553 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

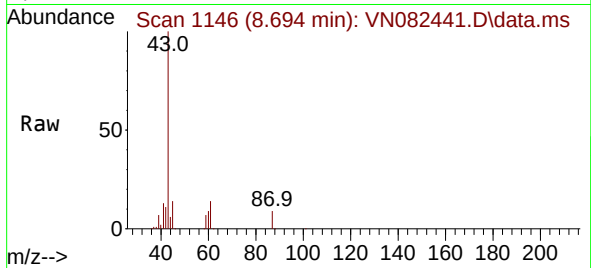
Tgt Ion: 43 Resp: 5233
Ion Ratio Lower Upper
43 100
61 6.0 11.3 16.9#
70 2.2 8.7 13.1#





#43
Isopropyl Acetate
Concen: 57.407 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

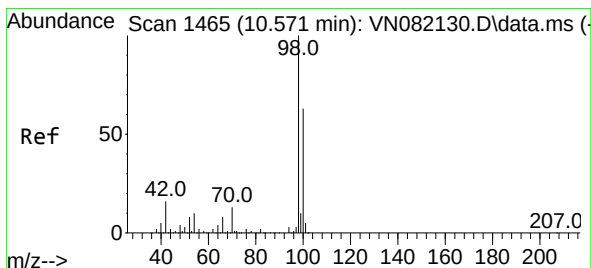
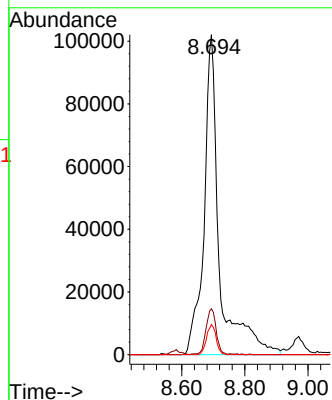
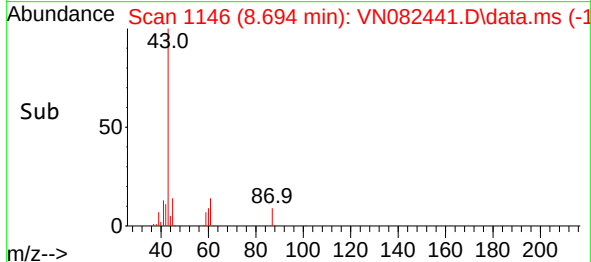
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08



Tgt Ion: 43 Resp: 342810
Ion Ratio Lower Upper
43 100
61 9.6 22.8 34.2
87 5.9 12.0 18.0

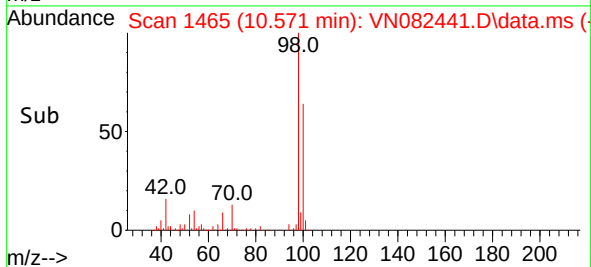
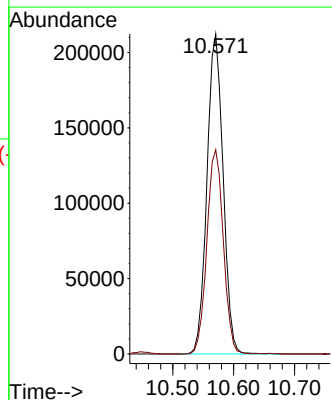
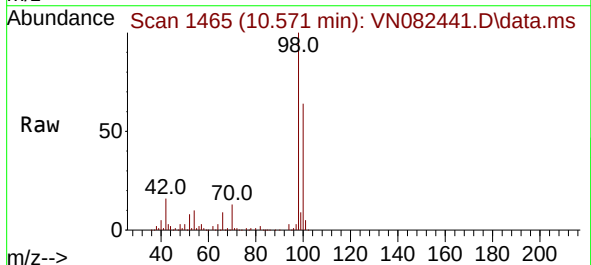
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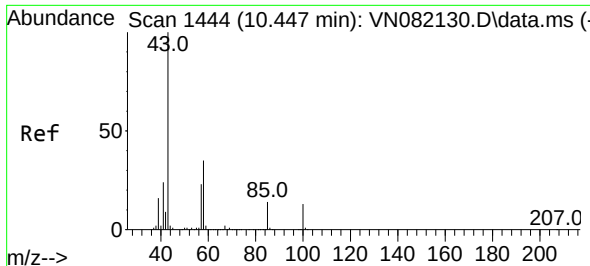
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#50
Toluene-d8
Concen: 56.609 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

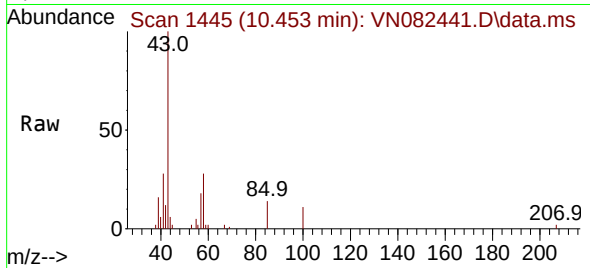
Tgt Ion: 98 Resp: 389695
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 7.168 ug/l m
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

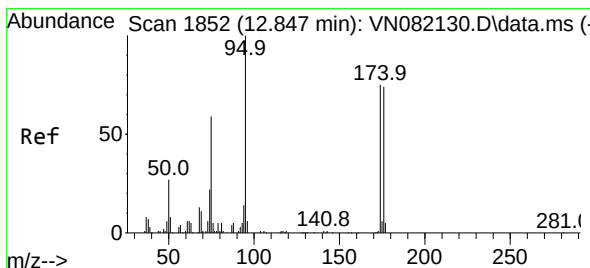
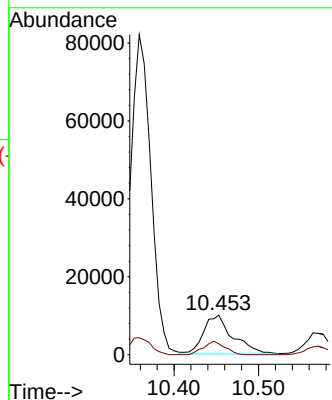
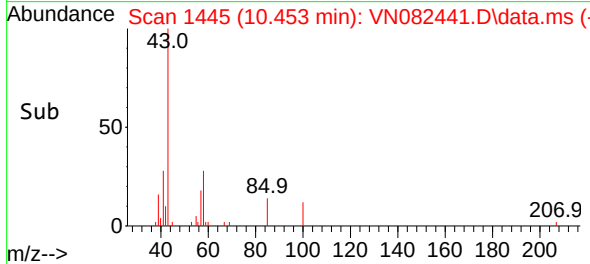
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08



Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
58 16.2 33.2 49.8

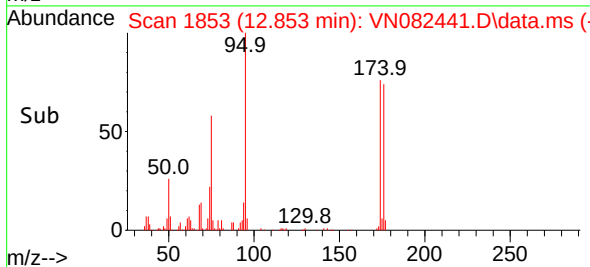
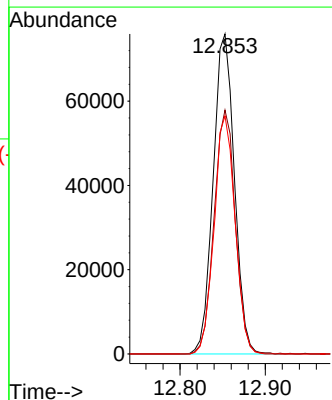
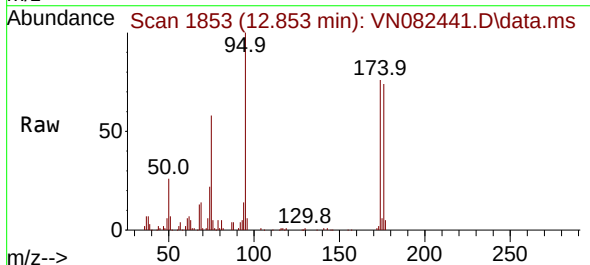
Manual Integrations
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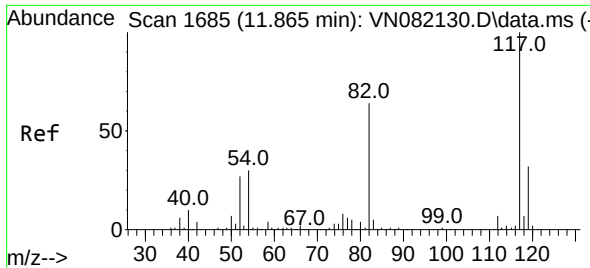
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#62
4-Bromofluorobenzene
Concen: 53.467 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

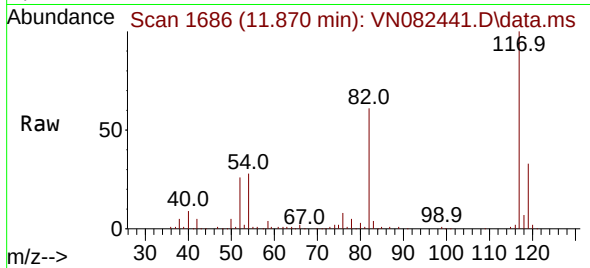
Tgt Ion: 95 Resp: 131371
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 73.7 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02

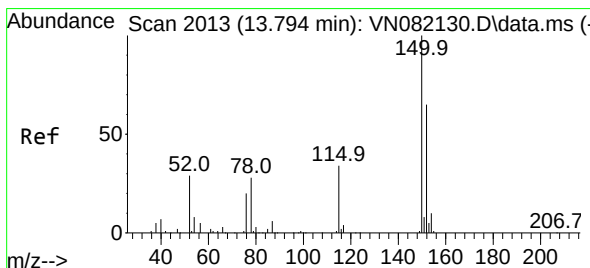
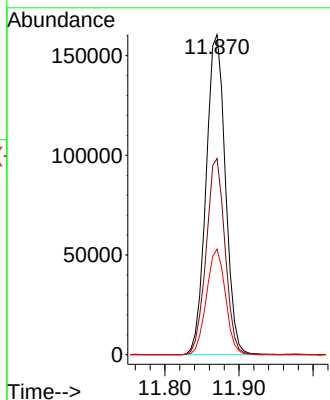
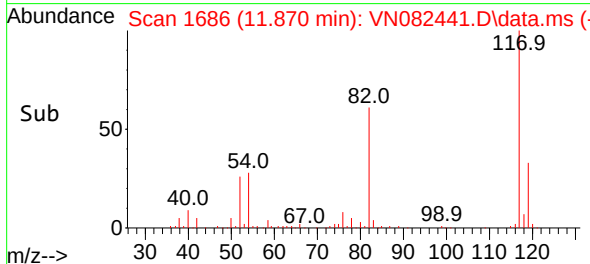
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#08



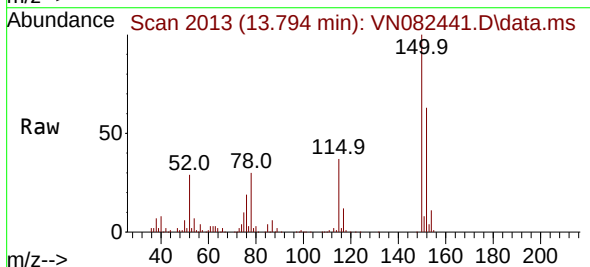
Tgt Ion:117 Resp: 290450
Ion Ratio Lower Upper
117 100
82 61.3 44.6 66.8
119 33.0 25.9 38.9

Manual Integrations
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Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082441.D
Acq: 03 Jun 2024 18:02



Tgt Ion:152 Resp: 121221
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 159.9 0.0 353.2

