

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082069.D
 Acq On : 10 May 2024 14:58
 Operator : JC\MD
 Sample : PB160834ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160834ZHE#01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

Quant Time: May 10 23:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	137336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119900	51.729	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.460%			
35) Dibromofluoromethane	8.165	113	88563	50.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	10.571	98	376791	54.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.847	95	122809	45.138	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.280%			
Target Compounds						
16) Acetone	4.436	43	23568	29.564	ug/l	90
20) Methylene Chloride	5.271	84	7921m	3.988	ug/l	
25) 2-Butanone	7.483	43	24789	18.843	ug/l #	82
43) Isopropyl Acetate	8.689	43	276670	47.734	ug/l #	73

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

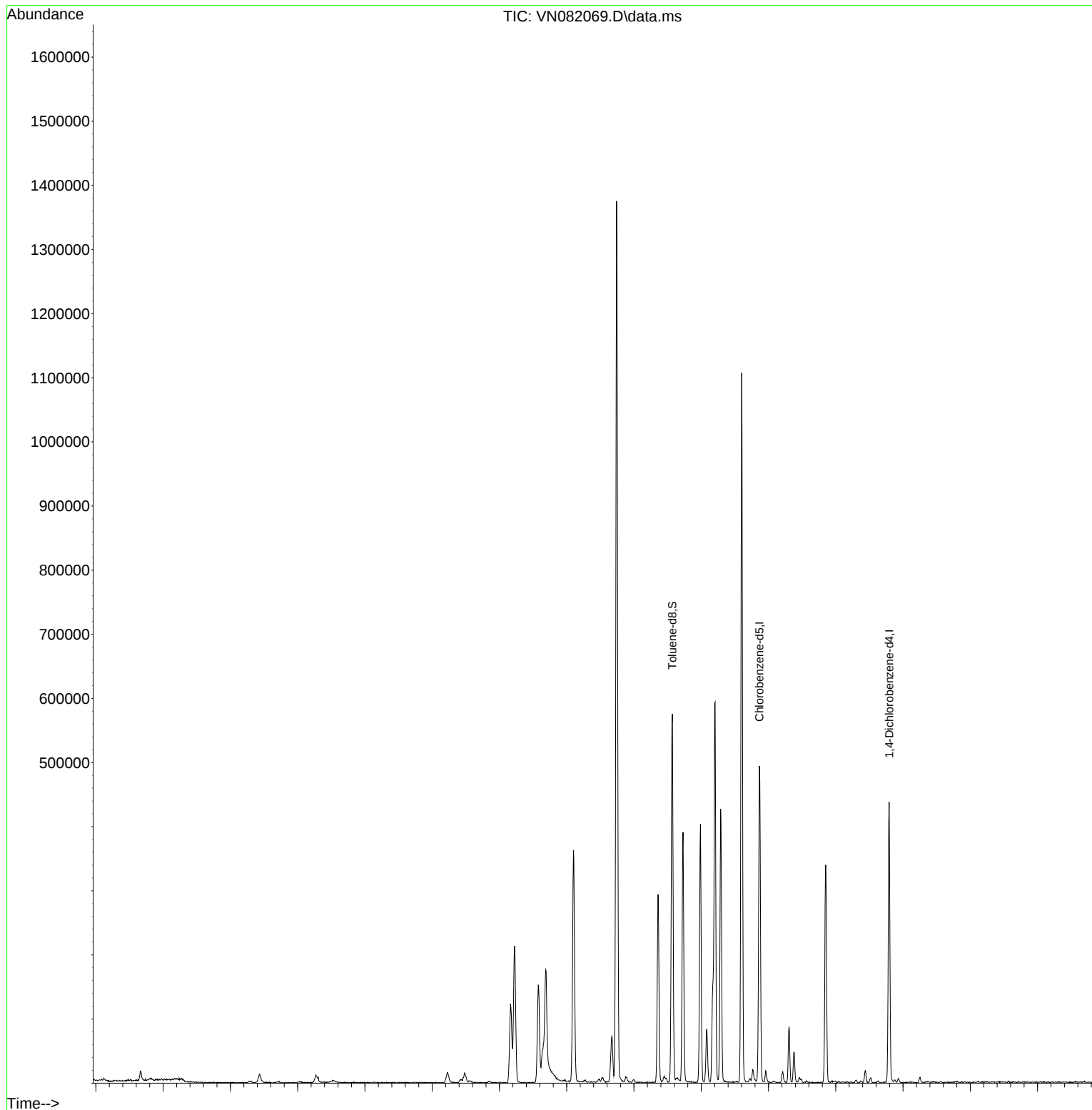
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082069.D
Acq On : 10 May 2024 14:58
Operator : JC\MD
Sample : PB160834ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
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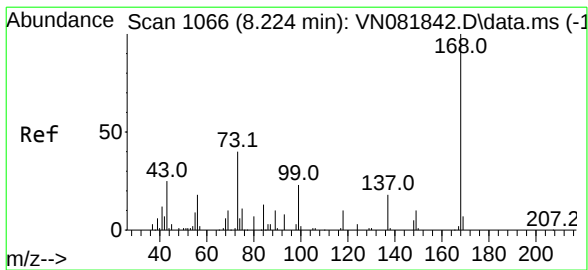
Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#01

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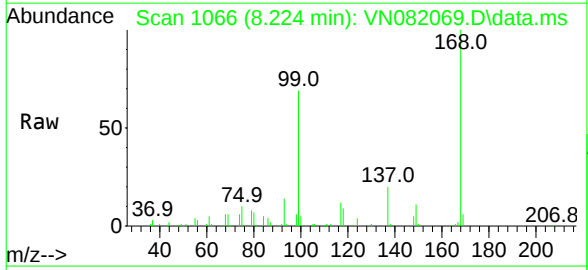
Quant Time: May 10 23:22:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN082069.D
 Acq: 10 May 2024 14:58

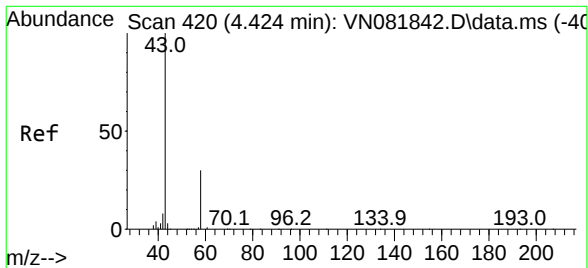
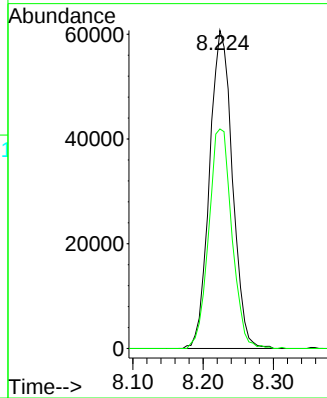
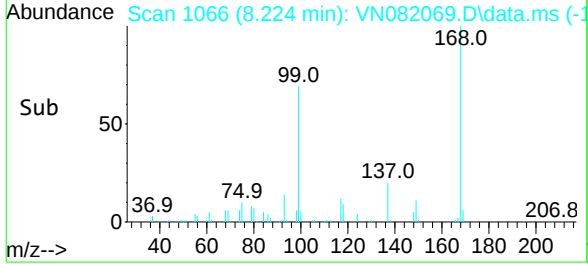
Instrument : MSVOA_N
 ClientSampleId : PB160834ZHE#01



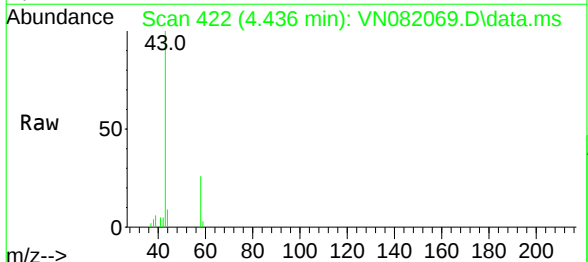
Tgt Ion: 168 Resp: 137336
 Ion Ratio Lower Upper
 168 100
 99 69.0 48.2 72.4

Manual Integrations
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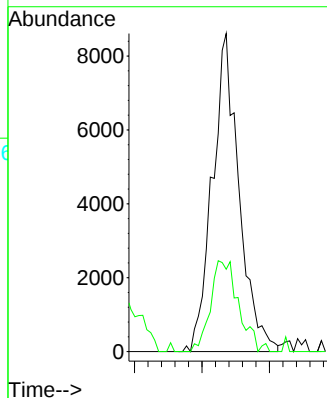
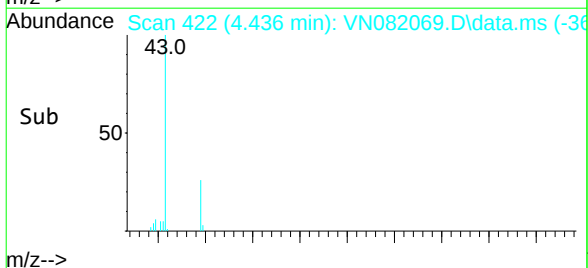
Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

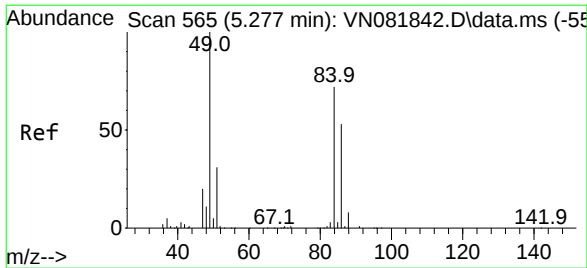


#16
 Acetone
 Concen: 29.564 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.012 min
 Lab File: VN082069.D
 Acq: 10 May 2024 14:58



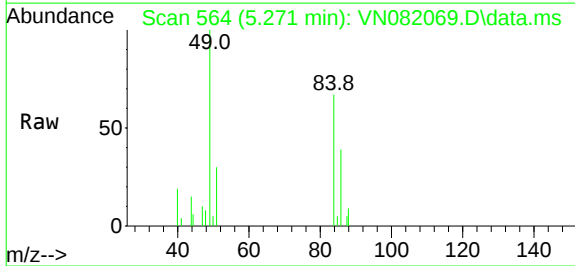
Tgt Ion: 43 Resp: 23568
 Ion Ratio Lower Upper
 43 100
 58 25.9 25.2 37.8





#20
Methylene Chloride
Concen: 3.988 ug/l m
RT: 5.271 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN082069.D
Acq: 10 May 2024 14:58

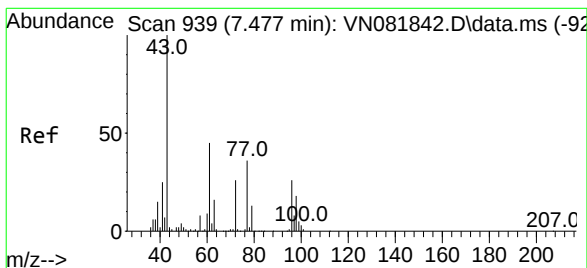
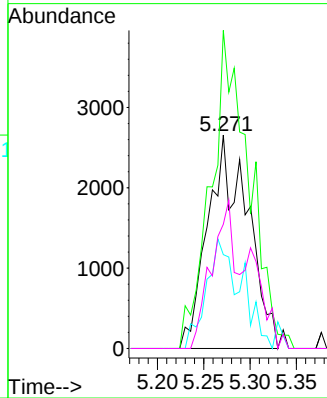
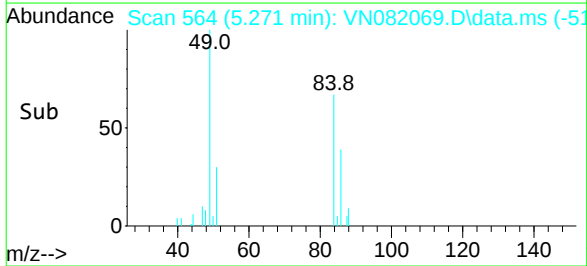
Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#01



Tgt Ion	84	Resp	7921
Ion	Ratio	Lower	Upper
84	100		
49	149.0	84.9	127.3#
51	44.0	27.0	40.6#
86	58.2	52.3	78.5

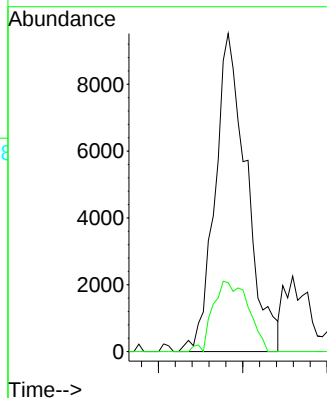
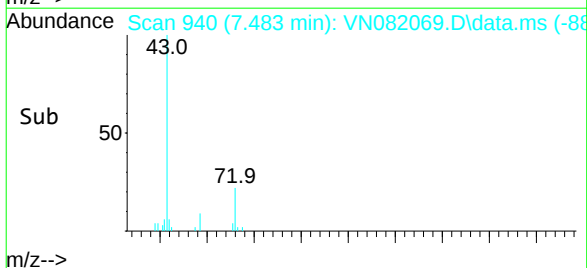
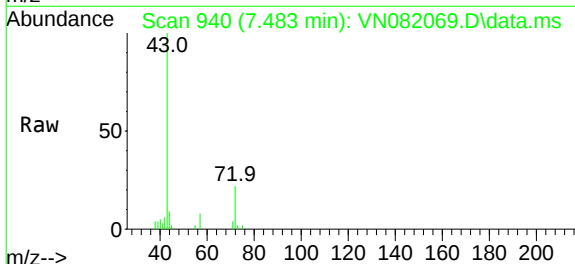
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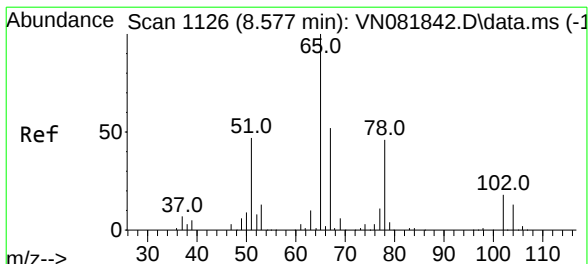
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#25
2-Butanone
Concen: 18.843 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082069.D
Acq: 10 May 2024 14:58

Tgt Ion	43	Resp	24789
Ion	Ratio	Lower	Upper
43	100		
72	21.7	25.3	37.9#





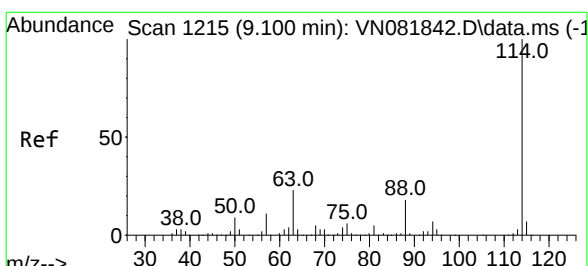
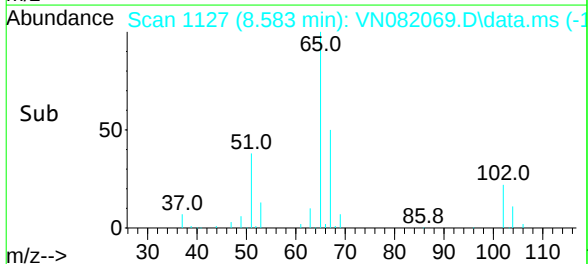
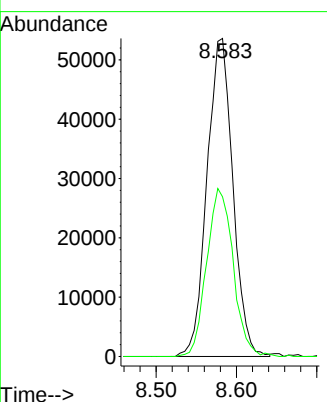
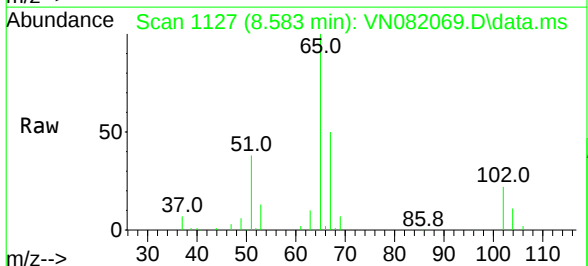
#33
1,2-Dichloroethane-d4
Concen: 51.729 ug/l
RT: 8.583 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN082069.D
Acq: 10 May 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#01

Tgt Ion:	65	Resp:	119900
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	103.0

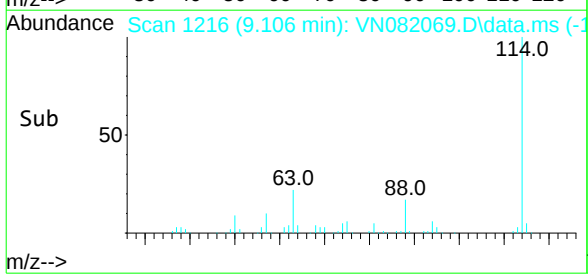
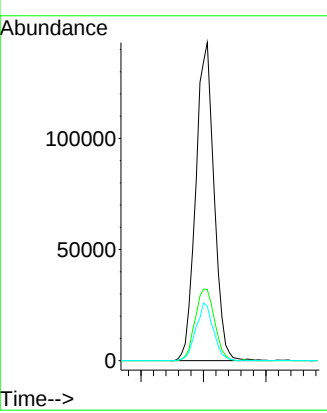
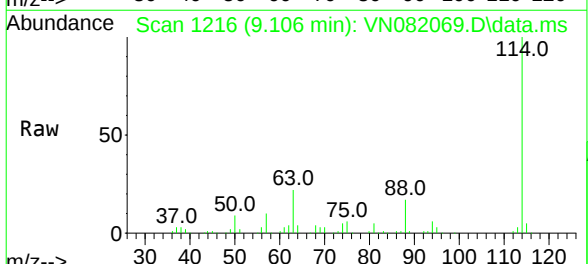
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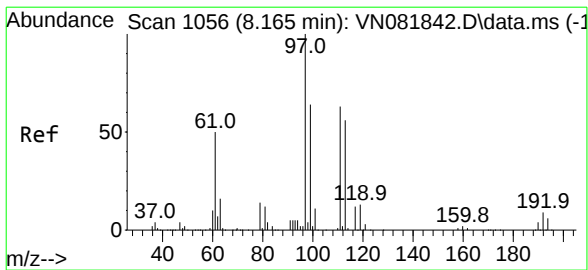
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082069.D
Acq: 10 May 2024 14:58

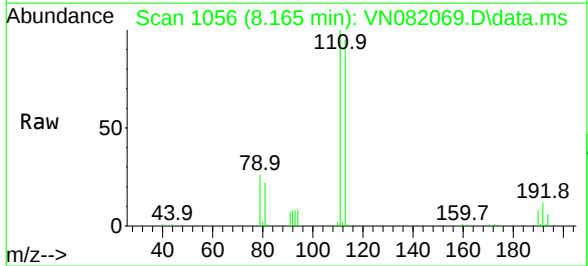
Tgt Ion:	114	Resp:	291062
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	41.0
88	17.1	0.0	31.4





#35
 Dibromofluoromethane
 Concen: 50.537 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN082069.D
 Acq: 10 May 2024 14:58

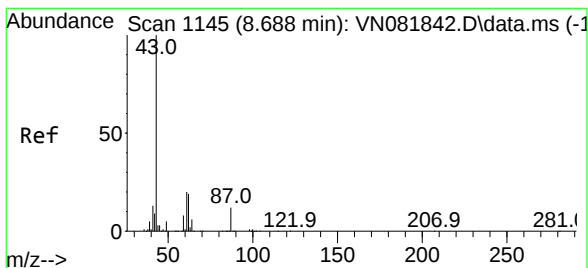
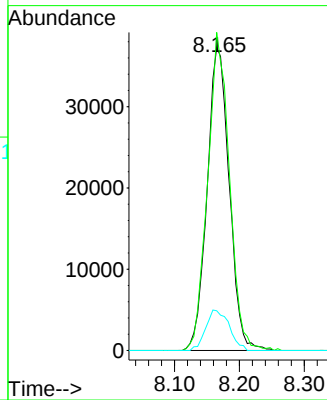
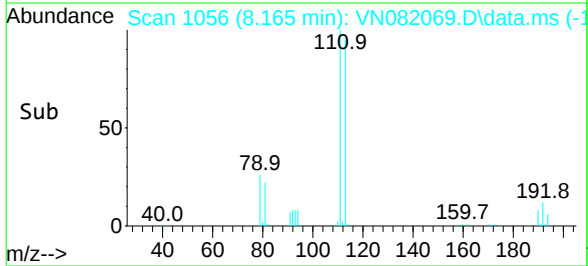
Instrument :
 MSVOA_N
 ClientSampleId :
 PB160834ZHE#01



Tgt Ion:	113	Resp:	88563
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	14.1	14.0	21.0

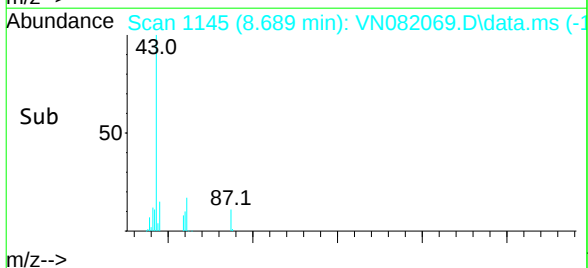
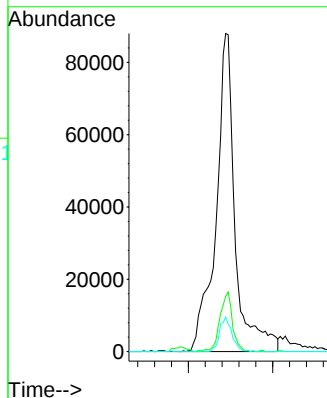
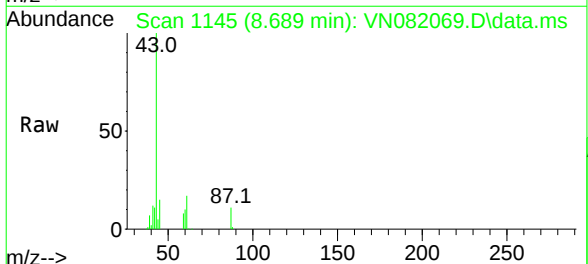
Manual Integrations
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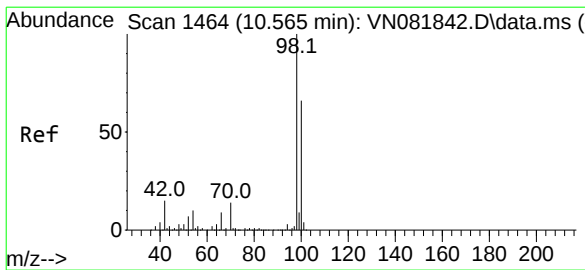
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#43
 Isopropyl Acetate
 Concen: 47.734 ug/l
 RT: 8.689 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN082069.D
 Acq: 10 May 2024 14:58

Tgt Ion:	43	Resp:	276670
Ion	Ratio	Lower	Upper
43	100		
61	12.4	22.8	34.2#
87	7.0	12.0	18.0#





#50

Toluene-d8

Concen: 54.745 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN082069.D

Acq: 10 May 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

PB160834ZHE#01

Tgt Ion: 98 Resp: 376791

Ion Ratio Lower Upper

98 100

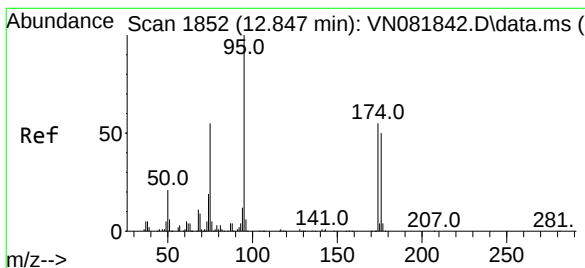
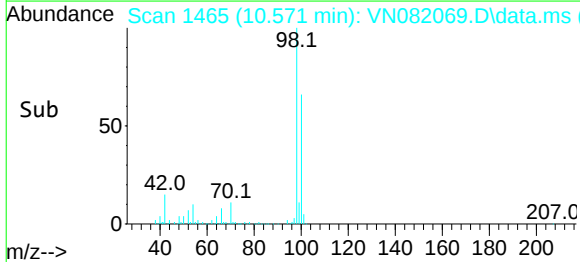
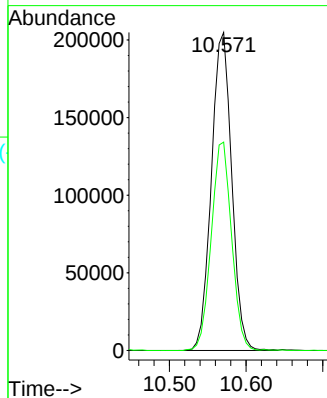
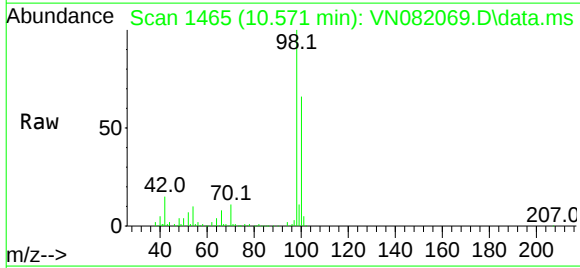
100 65.8 51.8 77.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/13/2024



#62

4-Bromofluorobenzene

Concen: 45.138 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082069.D

Acq: 10 May 2024 14:58

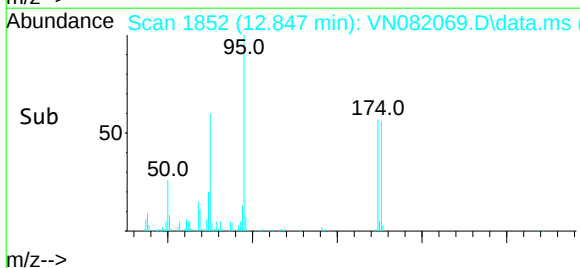
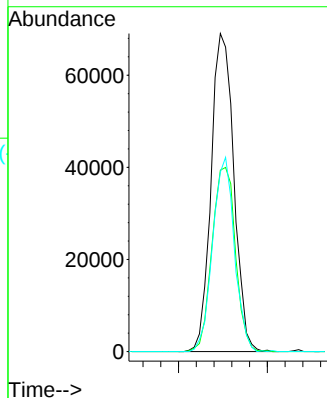
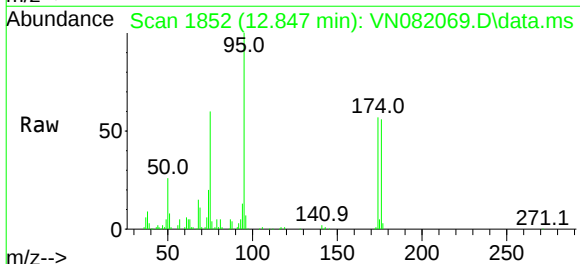
Tgt Ion: 95 Resp: 122809

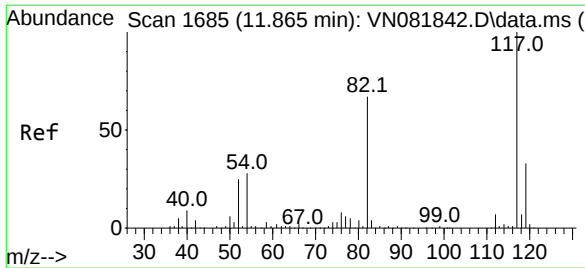
Ion Ratio Lower Upper

95 100

174 59.8 0.0 160.6

176 58.4 0.0 152.8





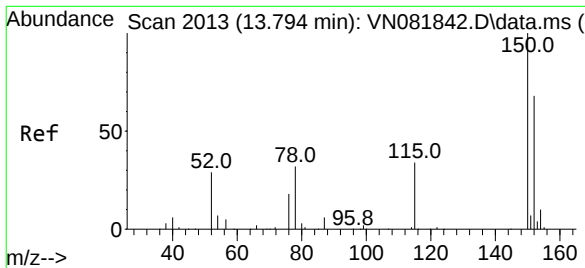
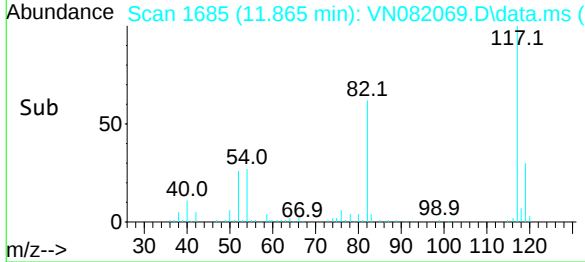
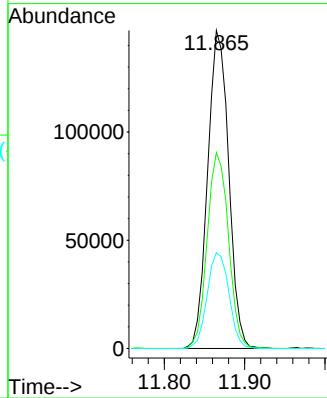
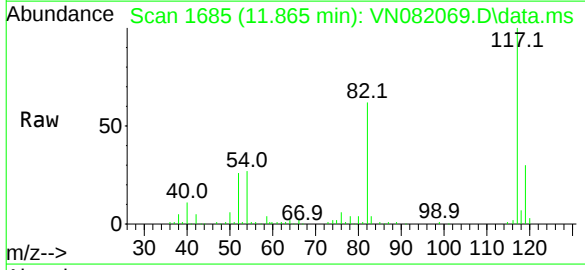
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082069.D
Acq: 10 May 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#01

Tgt Ion:117 Resp: 267421
Ion Ratio Lower Upper
117 100
82 61.6 44.6 66.8
119 30.1 25.9 38.9

Manual Integrations
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Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082069.D
Acq: 10 May 2024 14:58

Tgt Ion:152 Resp: 97343
Ion Ratio Lower Upper
152 100
115 68.0 30.4 91.3
150 165.2 0.0 353.2

