

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081808.D
 Acq On : 19 Apr 2024 14:52
 Operator : JC\MD
 Sample : P2190-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417090-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2024
 Supervised By : Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 23:37:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	14523	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	82351	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	104598	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	52003	29.147	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.167%		
60) 4-Bromofluorobenzene	12.847	95	53184	25.862	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	86.200%		
63) Toluene-d8	10.571	98	116729	27.821	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	92.733%		
Target Compounds						
						Qvalue
15) Acetone	4.424	58	15980m	84.997	ug/l	
18) Methylene Chloride	5.271	84	3484m	1.618	ug/l	
25) Chloroform	7.965	83	8920	2.183	ug/l	85
62) Toluene	10.630	91	4437	0.583	ug/l #	61

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

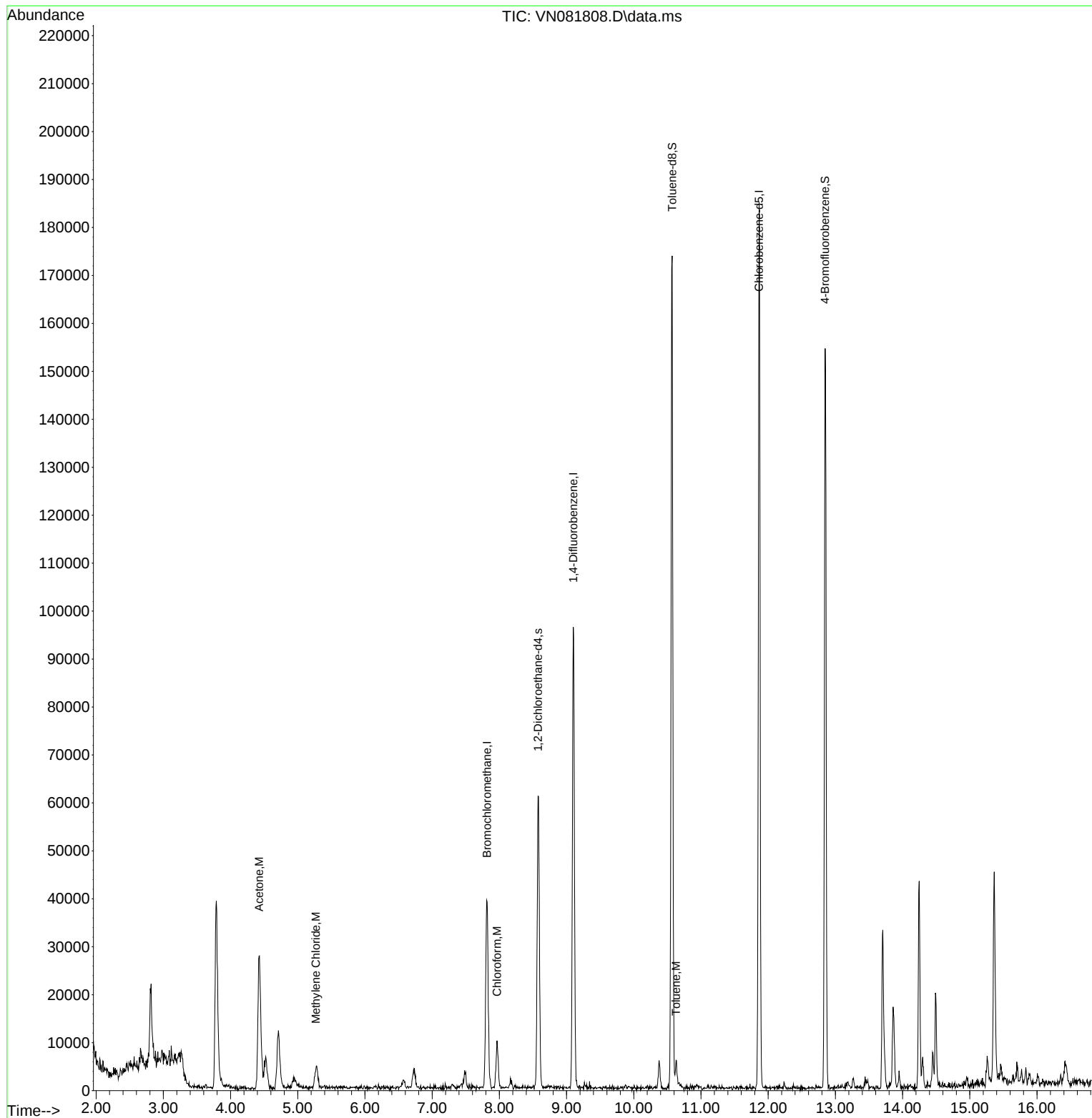
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
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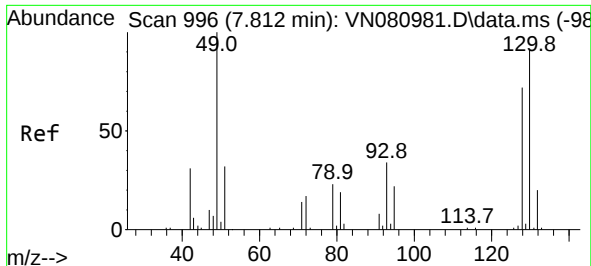
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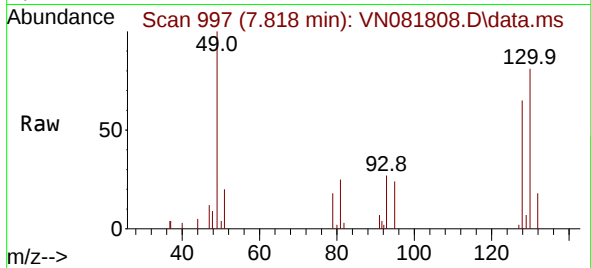
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52

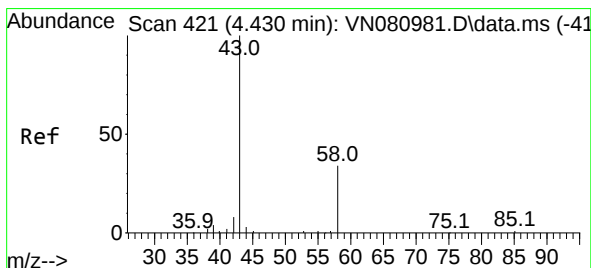
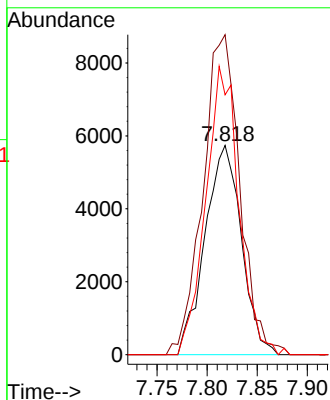
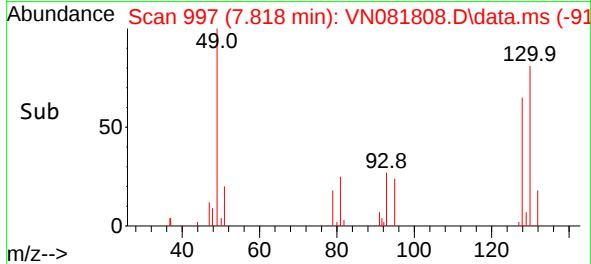
Instrument :
MSVOA_N
ClientSampleId :
240417090-02



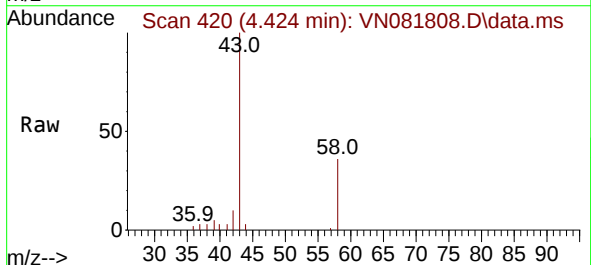
Tgt Ion:128 Resp: 1452
Ion Ratio Lower Upper
128 100
49 154.1 0.0 403.7
130 124.1 0.0 323.3

Manual Integrations
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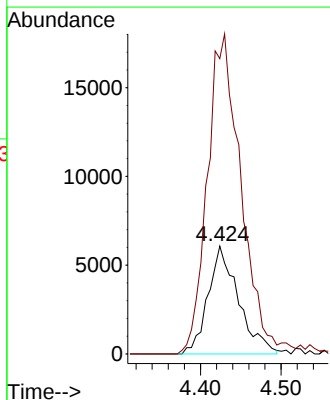
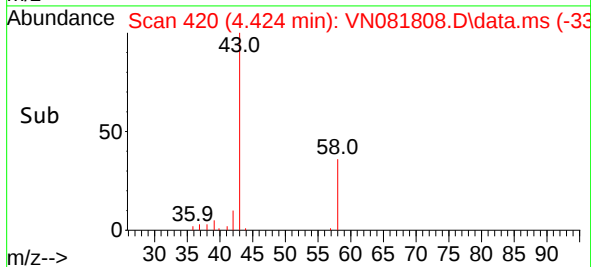
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

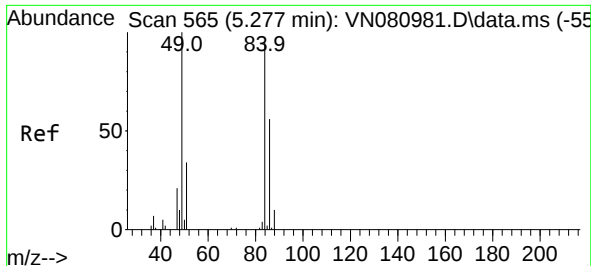


#15
Acetone
Concen: 84.997 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52



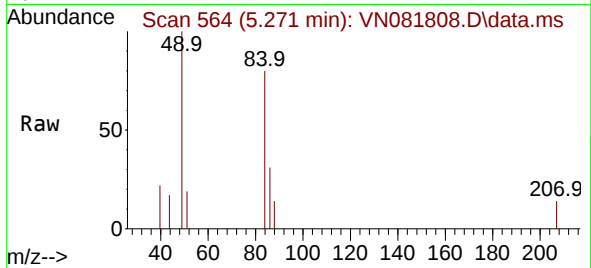
Tgt Ion: 58 Resp: 15980
Ion Ratio Lower Upper
58 100
43 274.0 223.1 334.7





#18
Methylene Chloride
Concen: 1.618 ug/l m
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52

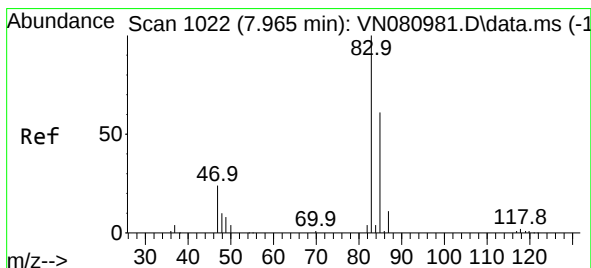
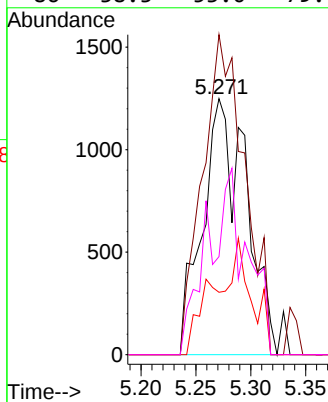
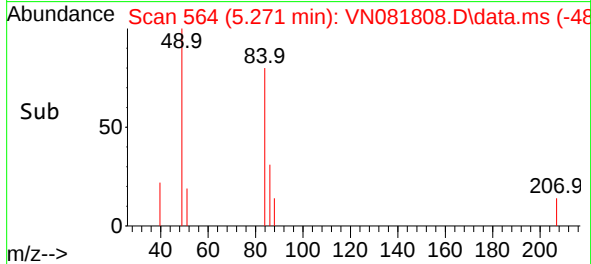
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ClientSampleId :
240417090-02



Tgt Ion:	84	Resp:	3484
Ion	Ratio	Lower	Upper
84	100		
49	125.0	86.0	129.0
51	24.3	30.0	45.0
86	38.3	53.0	79.4

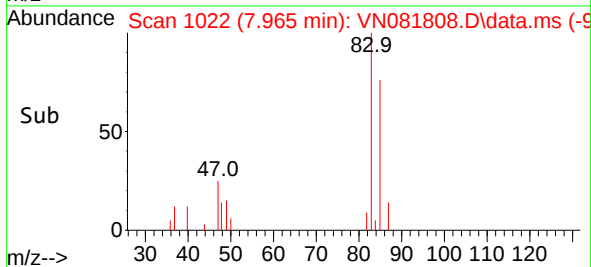
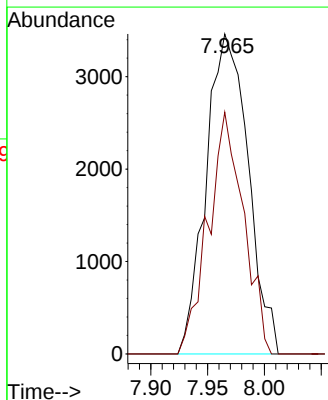
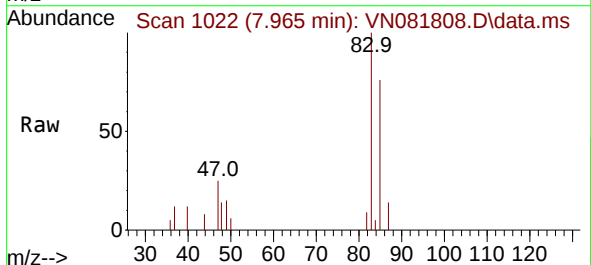
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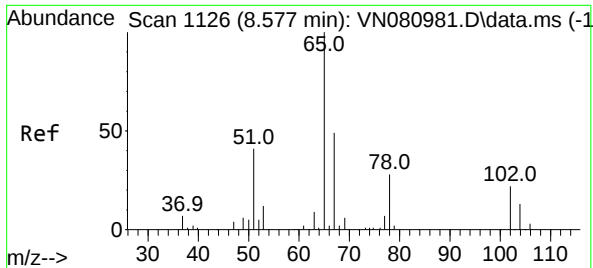
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#25
Chloroform
Concen: 2.183 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52

Tgt Ion:	83	Resp:	8920
Ion	Ratio	Lower	Upper
83	100		
85	75.6	50.9	76.3





#27
1,2-Dichloroethane-d4
Concen: 29.147 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

240417090-02

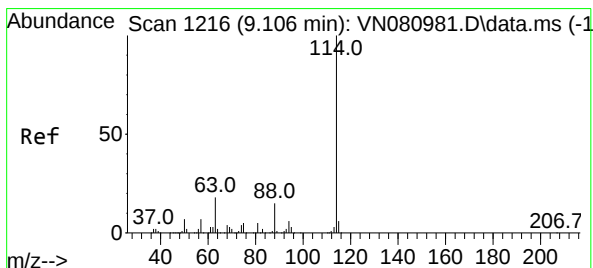
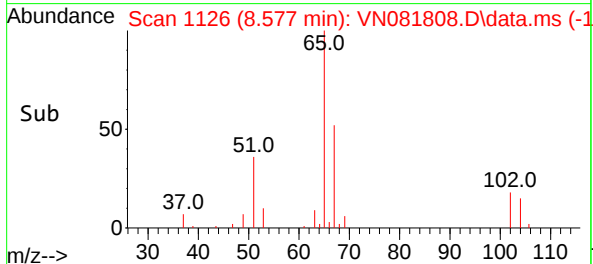
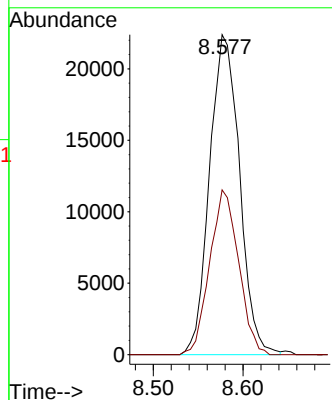
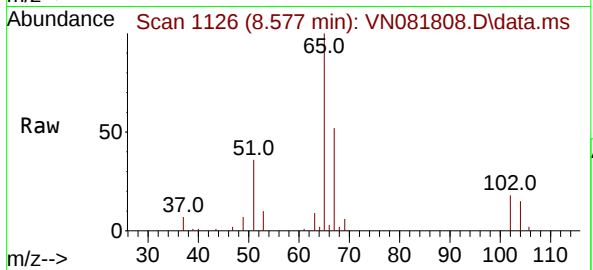
Tgt Ion: 65 Resp: 5200
Ion Ratio Lower Upper
65 100
67 49.6 43.2 64.8

Manual Integrations

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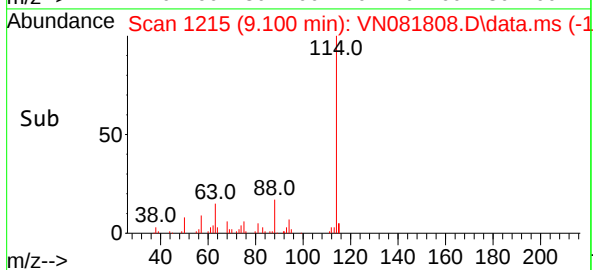
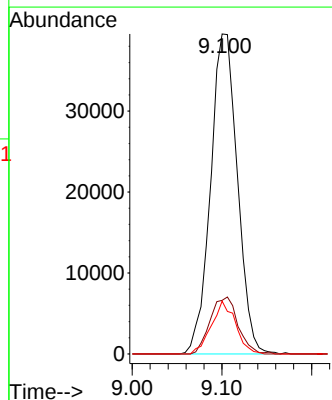
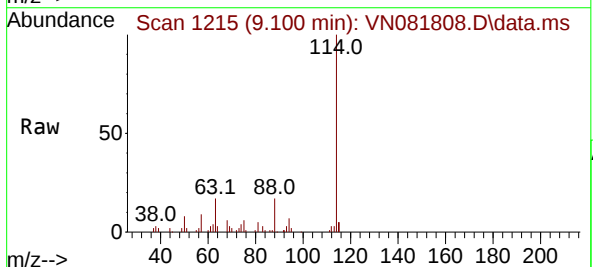
Reviewed By :John Carlone 04/22/2024

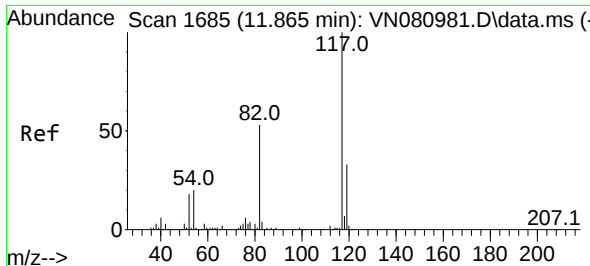
Supervised By :Mahesh Dadoda 04/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52

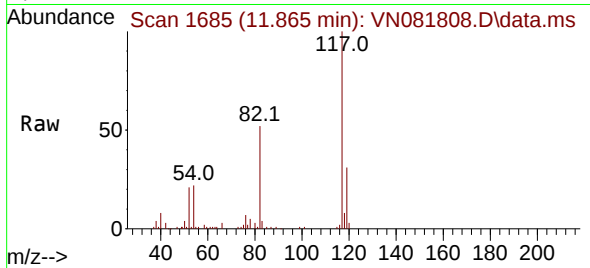
Tgt Ion:114 Resp: 82351
Ion Ratio Lower Upper
114 100
63 18.2 15.9 23.9
88 14.8 12.7 19.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52

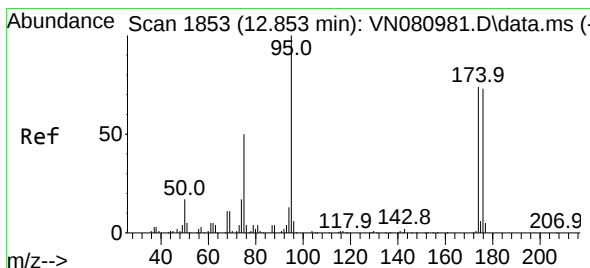
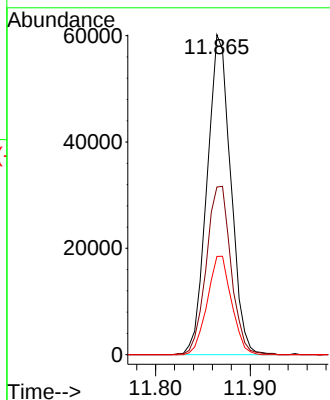
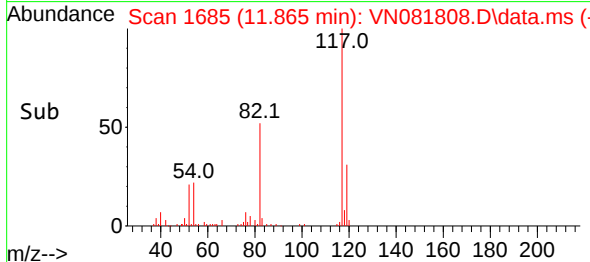
Instrument :
MSVOA_N
ClientSampleId :
240417090-02



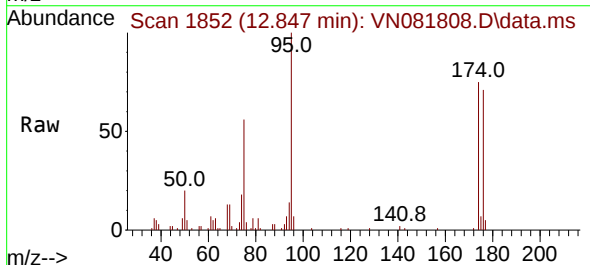
Tgt Ion: 117 Resp: 104598
Ion Ratio Lower Upper
117 100
82 55.2 46.6 69.8
119 31.5 25.4 38.2

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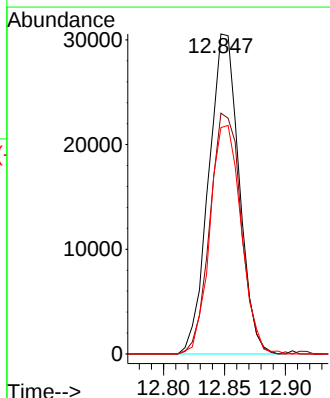
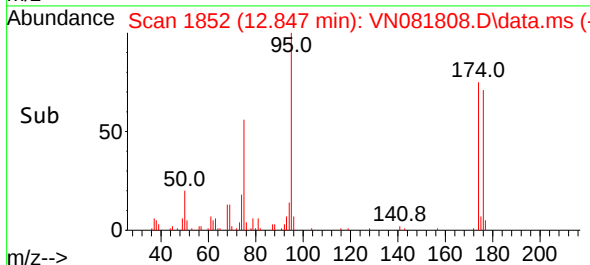
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024

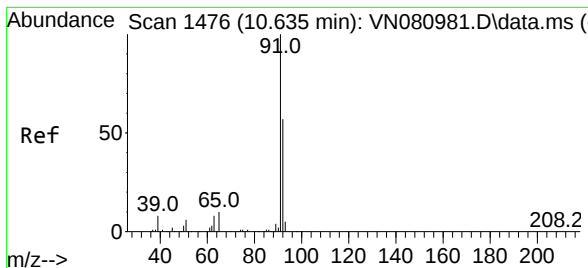


#60
4-Bromofluorobenzene
Concen: 25.862 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081808.D
Acq: 19 Apr 2024 14:52



Tgt Ion: 95 Resp: 53184
Ion Ratio Lower Upper
95 100
174 76.9 60.5 90.7
176 73.0 57.8 86.6





#62

Toluene

Concen: 0.583 ug/l

RT: 10.630 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN081808.D

Acq: 19 Apr 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

240417090-02

Tgt Ion: 91 Resp: 443

Ion Ratio Lower Upper

91 100

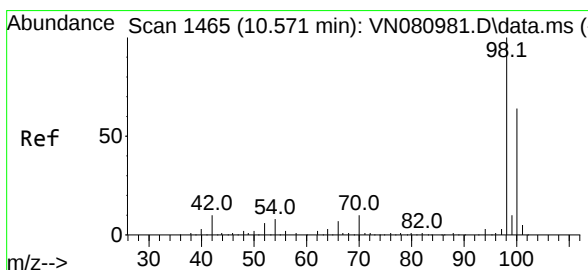
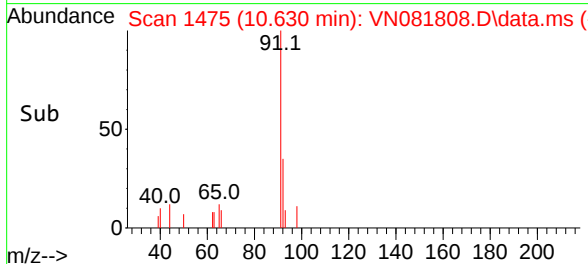
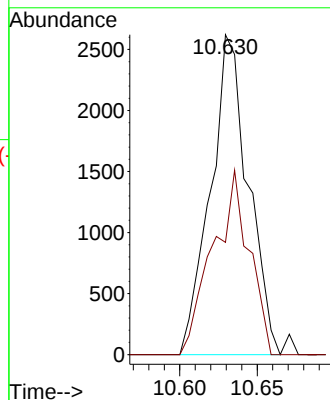
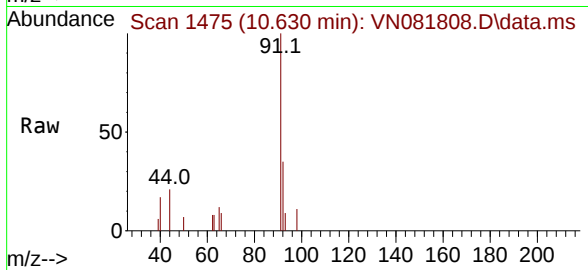
92 28.9 46.5 69.7

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2024



#63

Toluene-d8

Concen: 27.821 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081808.D

Acq: 19 Apr 2024 14:52

Tgt Ion: 98 Resp: 116729

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1

