

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081814.D
 Acq On : 19 Apr 2024 17:16
 Operator : JC\MD
 Sample : P2212-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418098-02

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 23:47:10 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	15737	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	81894	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	106174	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	51332	26.552	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.500%	#	
60) 4-Bromofluorobenzene	12.853	95	54681	26.195	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	87.333%		
63) Toluene-d8	10.571	98	127575	29.955	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.833%		
Target Compounds						
15) Acetone	4.442	58	5275m	25.893	ug/l	Qvalue
25) Chloroform	7.965	83	8404	1.898	ug/l #	80
37) Trichloroethene	9.359	130	2049	1.116	ug/l #	62
62) Toluene	10.629	91	7954	1.030	ug/l #	65

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

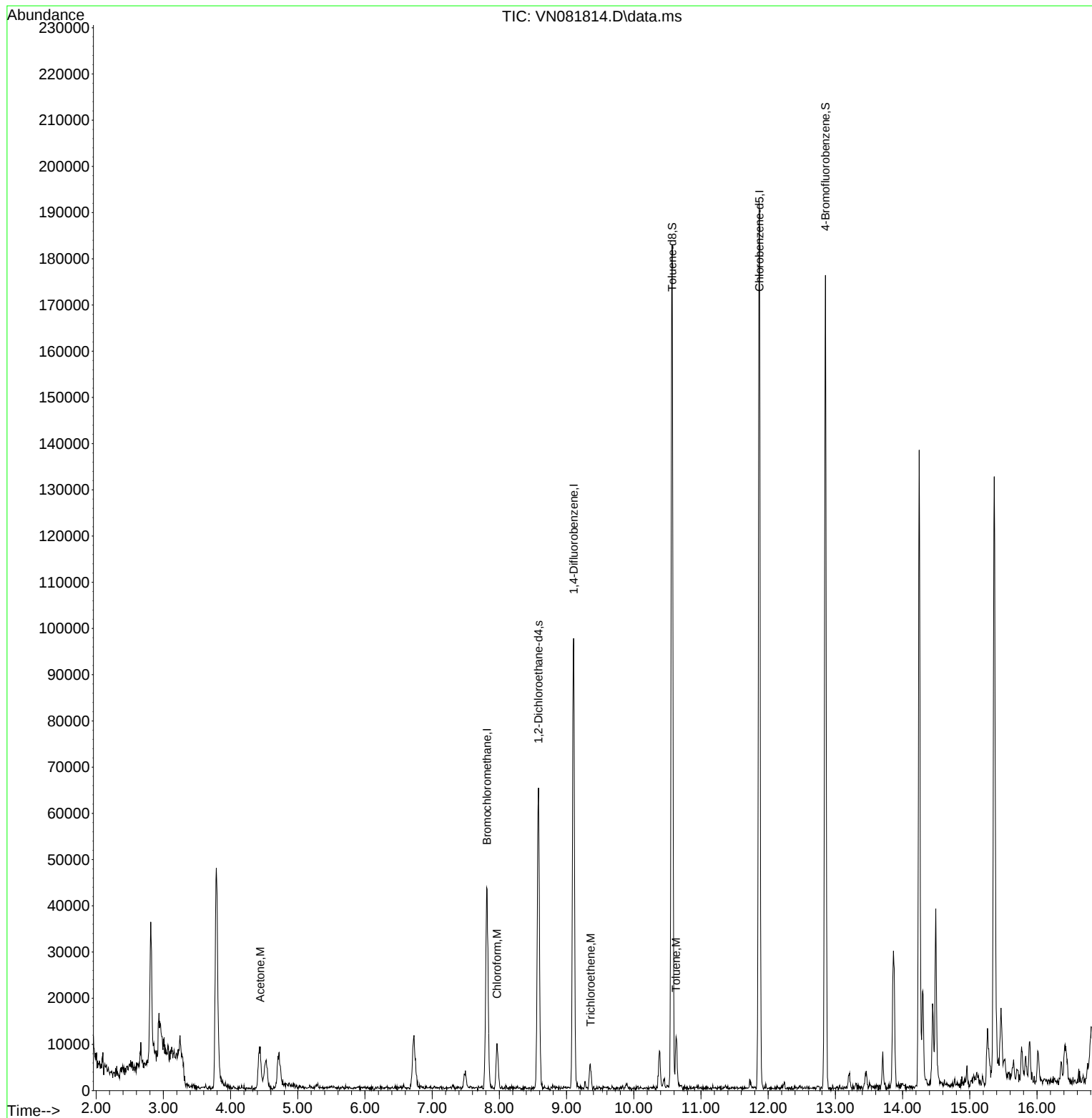
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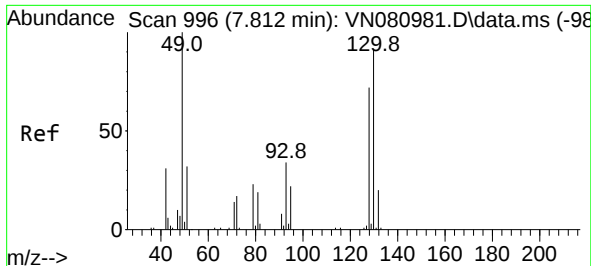
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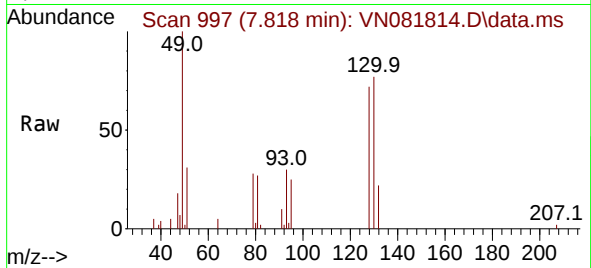
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

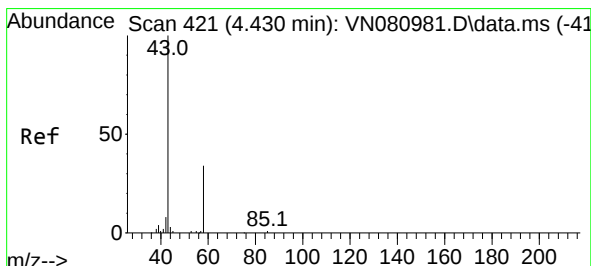
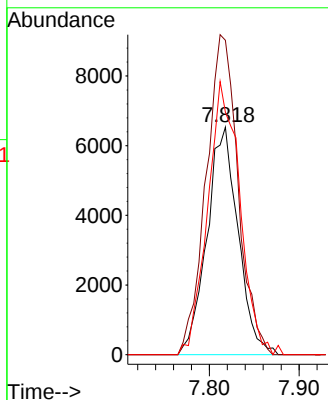
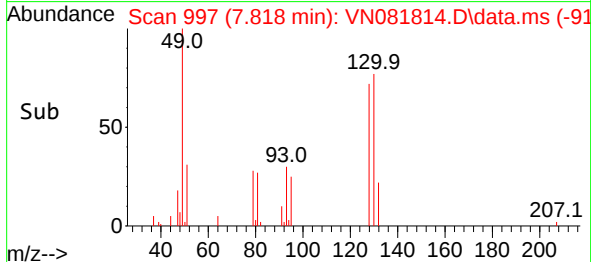
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



Tgt Ion:128 Resp: 1573
Ion Ratio Lower Upper
128 100
49 144.7 0.0 403.7
130 123.5 0.0 323.3

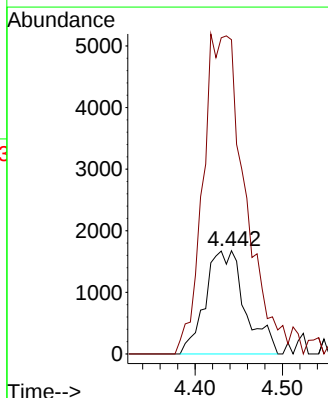
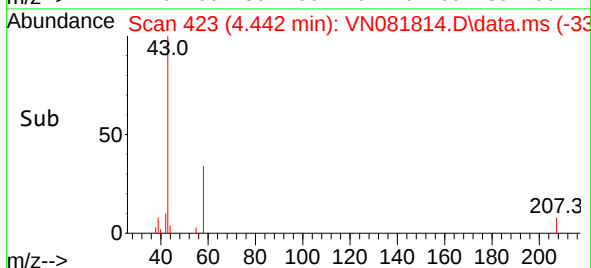
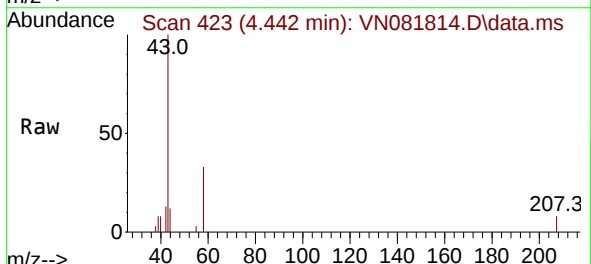
Manual Integrations
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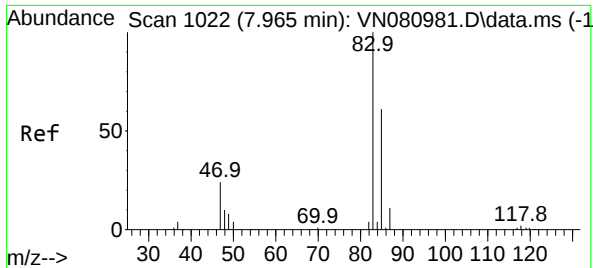
Reviewed By :John Carlone 04/22/2024
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#15
Acetone
Concen: 25.893 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

Tgt Ion: 58 Resp: 5275
Ion Ratio Lower Upper
58 100
43 304.6 223.1 334.7





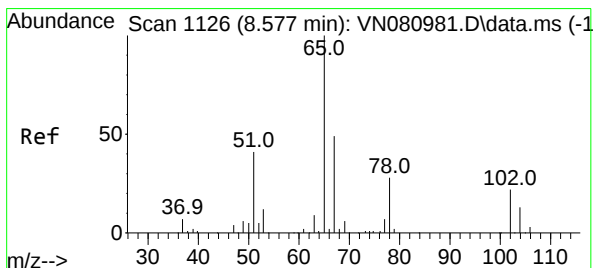
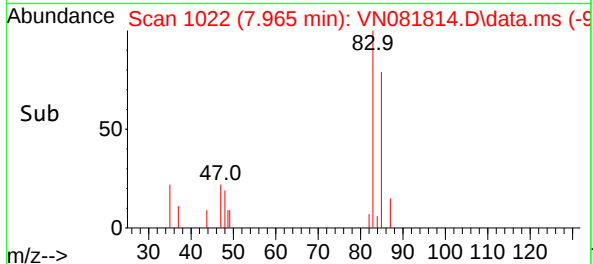
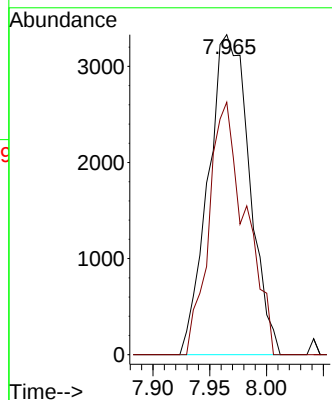
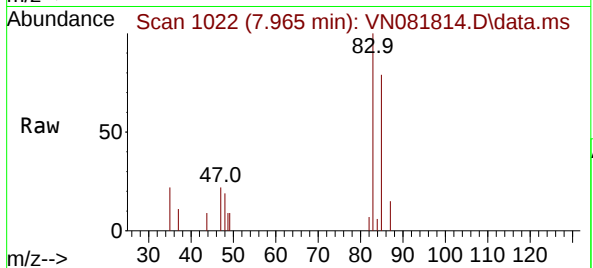
#25
Chloroform
Concen: 1.898 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Tgt Ion: 83 Resp: 8404
Ion Ratio Lower Upper
83 100
85 78.9 50.9 76.3

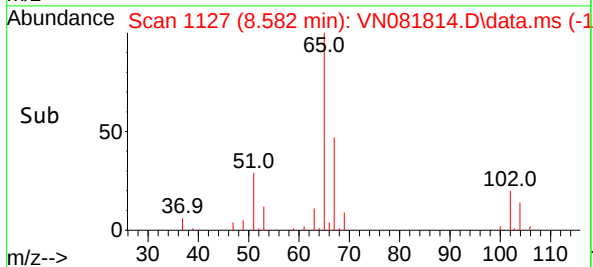
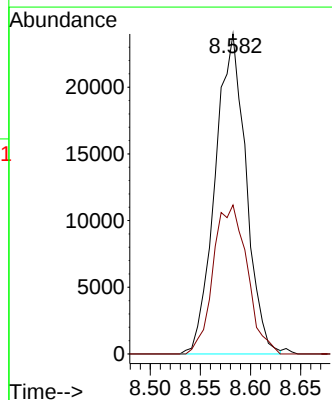
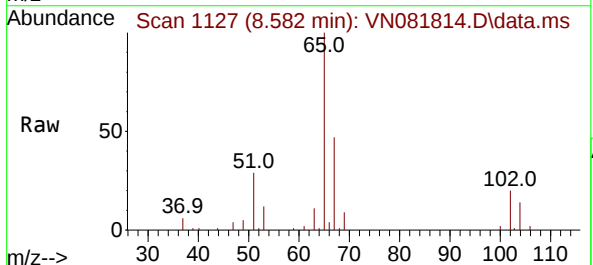
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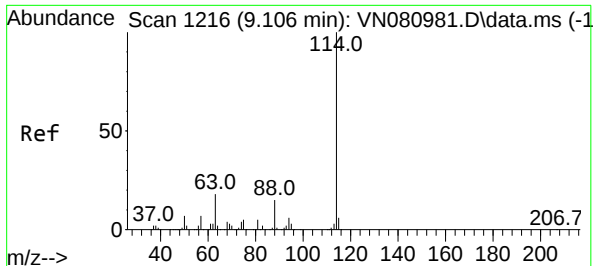
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#27
1,2-Dichloroethane-d4
Concen: 26.552 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

Tgt Ion: 65 Resp: 51332
Ion Ratio Lower Upper
65 100
67 51.2 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081814.D

Acq: 19 Apr 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

240418098-02

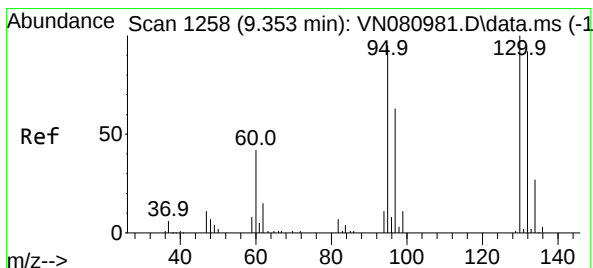
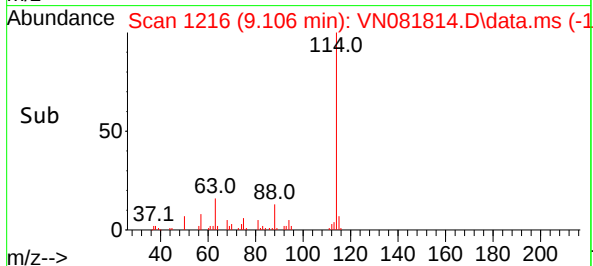
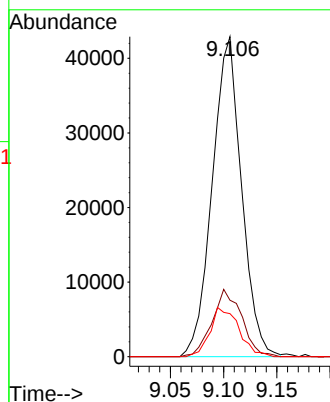
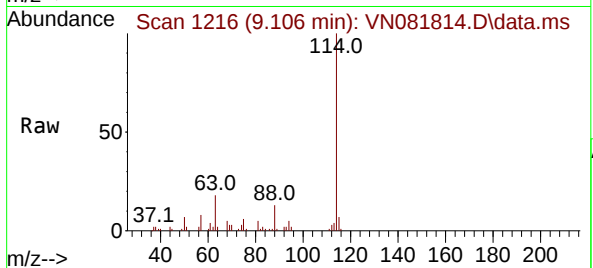
Tgt Ion:114	Resp:	81894
Ion Ratio	Lower	Upper
114	100	
63	21.3	15.9 23.9
88	15.2	12.7 19.1

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#37

Trichloroethene

Concen: 1.116 ug/l

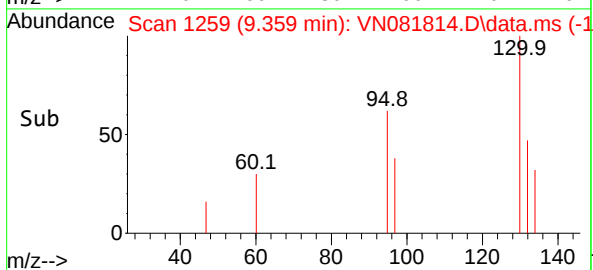
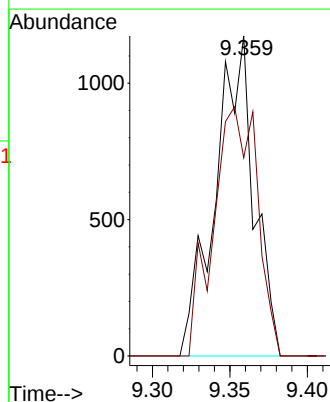
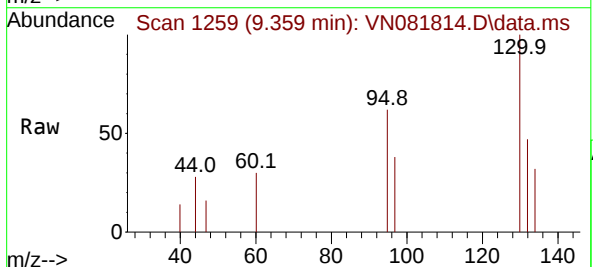
RT: 9.359 min Scan# 1259

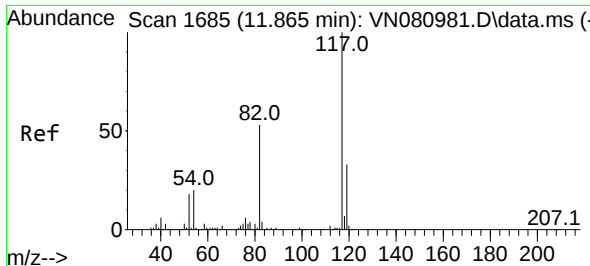
Delta R.T. 0.006 min

Lab File: VN081814.D

Acq: 19 Apr 2024 17:16

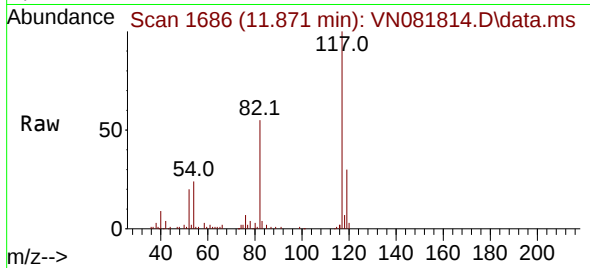
Tgt Ion:130	Resp:	2049
Ion Ratio	Lower	Upper
130	100	
95	62.0	80.2 120.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

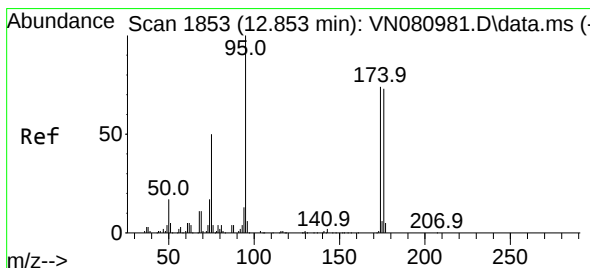
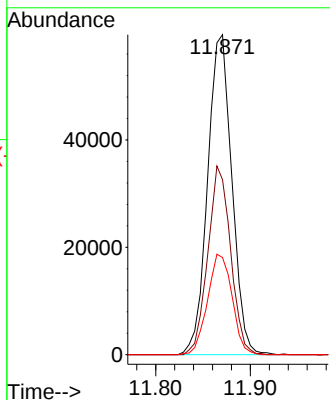
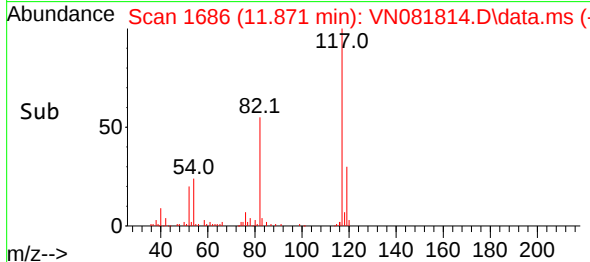
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Tgt Ion: 117 Resp: 106174
Ion Ratio Lower Upper
117 100
82 55.4 46.6 69.8
119 31.7 25.4 38.2

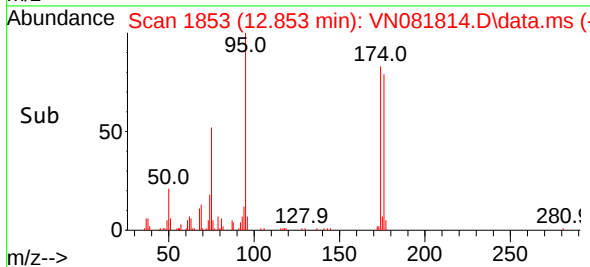
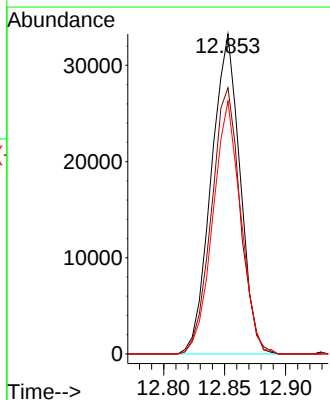
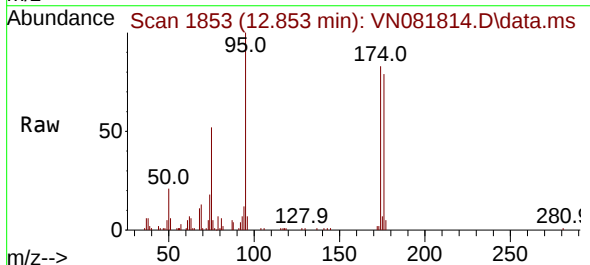
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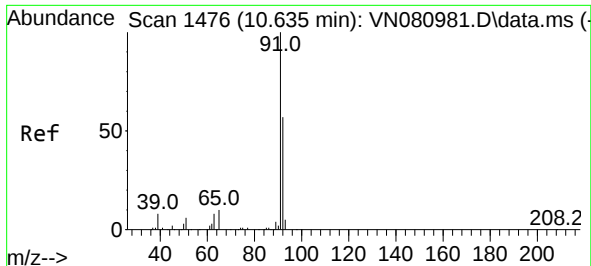
Reviewed By :John Carlone 04/22/2024
Supervised By :Mahesh Dadoda 04/22/2024



#60
4-Bromofluorobenzene
Concen: 26.195 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

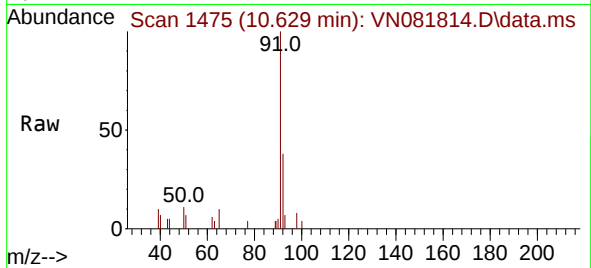
Tgt Ion: 95 Resp: 54681
Ion Ratio Lower Upper
95 100
174 83.2 60.5 90.7
176 76.8 57.8 86.6





#62
Toluene
Concen: 1.030 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16

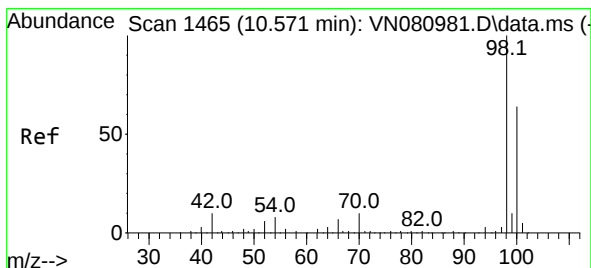
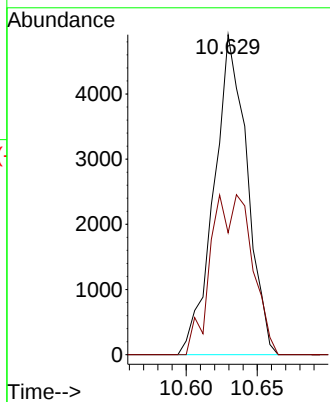
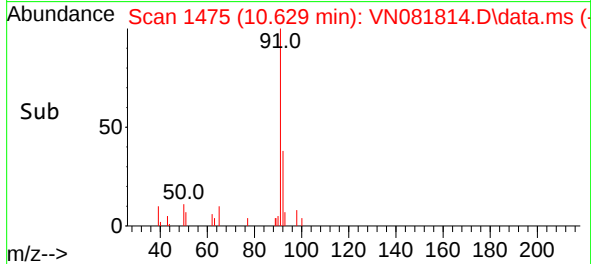
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MSVOA_N
ClientSampleId :
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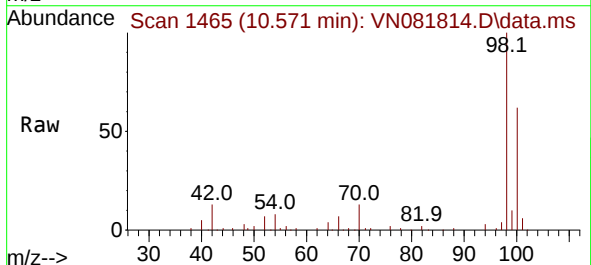
Tgt Ion: 91 Resp: 7954
Ion Ratio Lower Upper
91 100
92 31.9 46.5 69.7

Manual Integrations
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Supervised By :Mahesh Dadoda 04/22/2024



#63
Toluene-d8
Concen: 29.955 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081814.D
Acq: 19 Apr 2024 17:16



Tgt Ion: 98 Resp: 127575
Ion Ratio Lower Upper
98 100
100 61.5 52.7 79.1

