

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081907.D
 Acq On : 29 Apr 2024 12:20
 Operator : JC\MD
 Sample : P2293-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417004-02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 04:34:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	29271m	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.100	114	182816	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	152482	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76546	31.234	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	104.100%	
60) 4-Bromofluorobenzene	12.847	95	73156	28.828	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.100%	
63) Toluene-d8	10.571	98	221673	30.612	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.033%	
Target Compounds						Qvalue
15) Acetone	4.424	58	499446	2183.149	ug/l	82
25) Chloroform	7.971	83	102544	29.008	ug/l	97
41) Bromodichloromethane	9.888	83	14019	4.583	ug/l #	92
53) Dibromochloromethane	11.359	129	3293	1.559	ug/l	81
62) Toluene	10.635	91	19712	2.298	ug/l	94
82) p-Isopropyltoluene	13.735	119	8183	1.209	ug/l	92

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

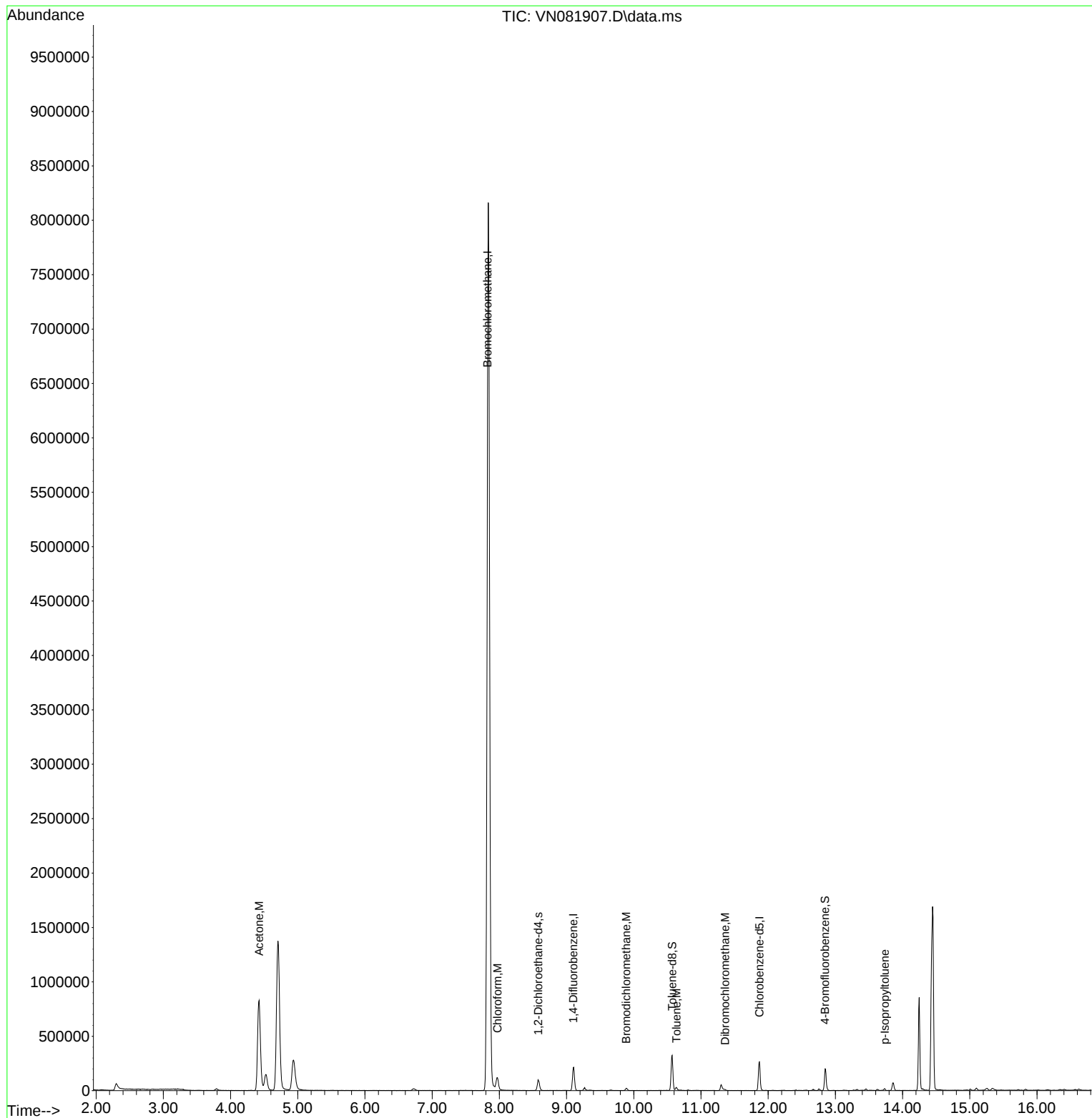
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
Data File : VN081907.D
Acq On : 29 Apr 2024 12:20
Operator : JC\MD
Sample : P2293-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

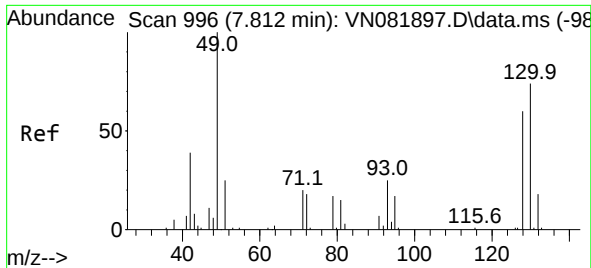
Instrument :
MSVOA_N
ClientSampleId :
240417004-02

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Supervised By :Mahesh Dadoda 04/30/2024

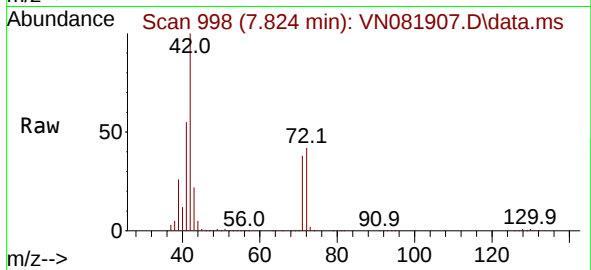
Quant Time: Apr 30 04:34:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.824 min Scan# 996
Delta R.T. 0.012 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

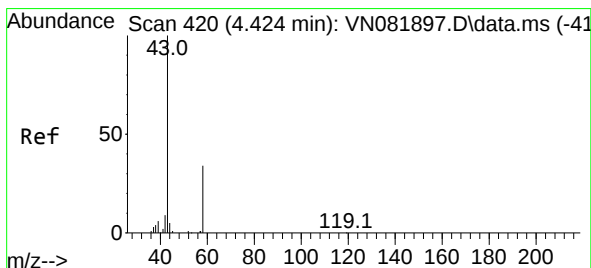
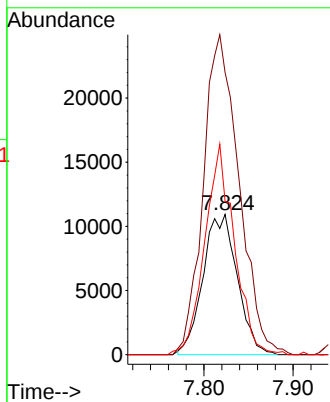
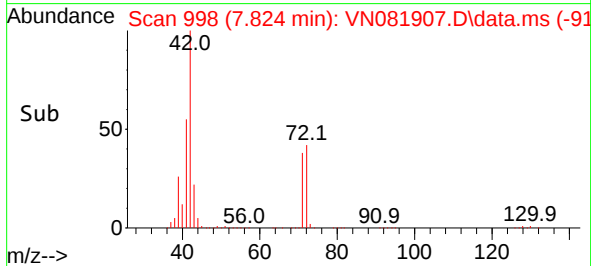
Instrument :
MSVOA_N
ClientSampleId :
240417004-02



Tgt Ion:128 Resp: 2927
Ion Ratio Lower Upper
128 100
49 237.4 0.0 403.7
130 128.9 0.0 323.3

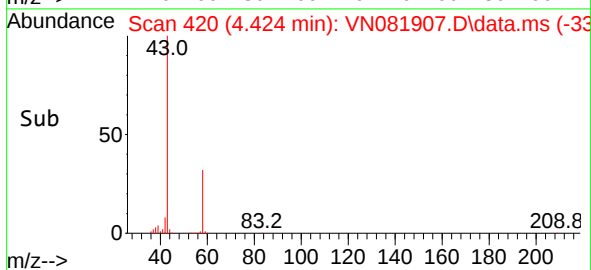
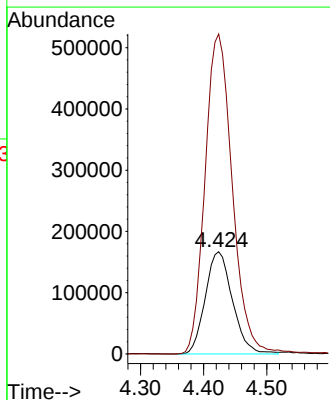
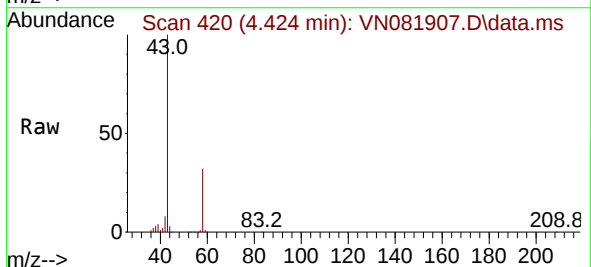
Manual Integrations
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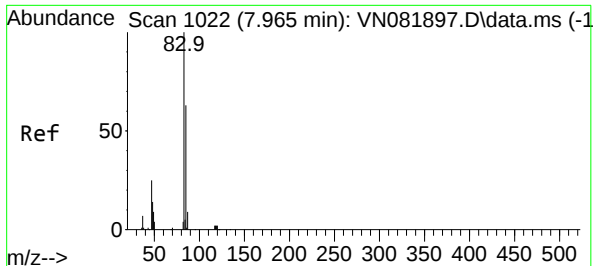
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#15
Acetone
Concen: 2183.149 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

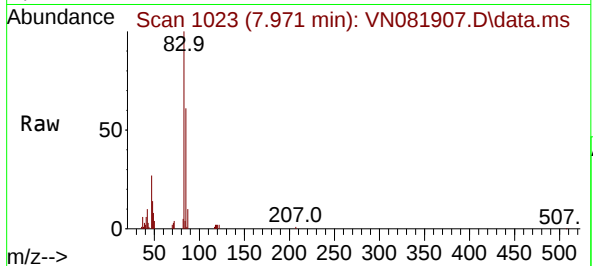
Tgt Ion: 58 Resp: 499446
Ion Ratio Lower Upper
58 100
43 312.8 223.1 334.7





#25
Chloroform
Concen: 29.008 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

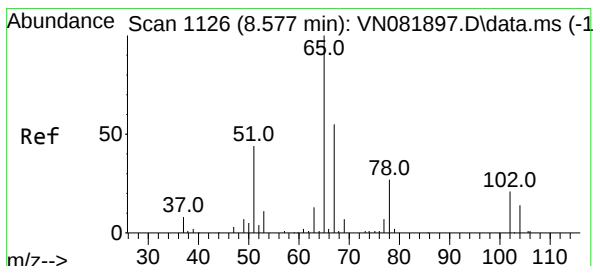
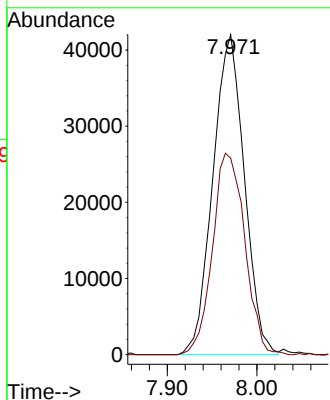
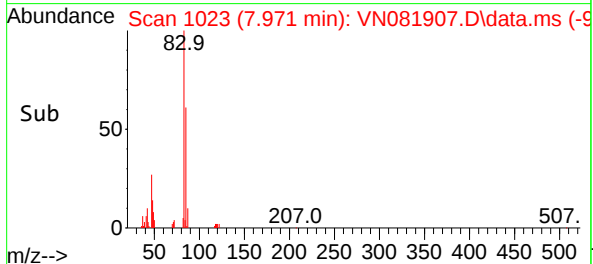
Instrument :
MSVOA_N
ClientSampleId :
240417004-02



Tgt Ion: 83 Resp: 102544
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3

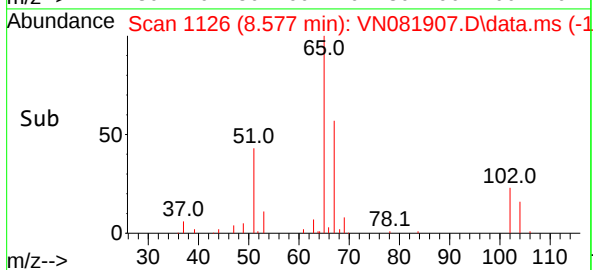
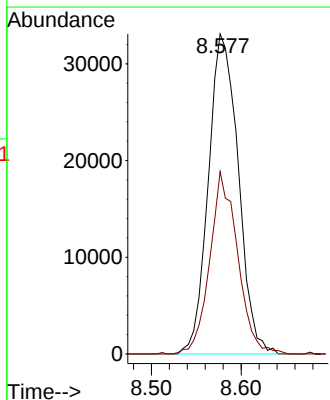
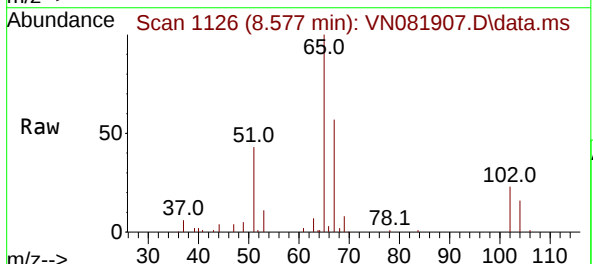
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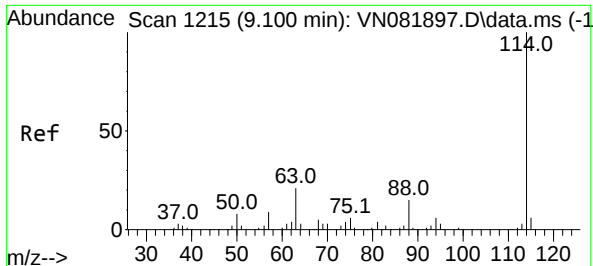
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#27
1,2-Dichloroethane-d4
Concen: 31.234 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

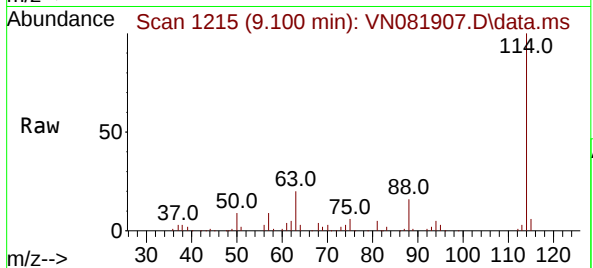
Tgt Ion: 65 Resp: 76546
Ion Ratio Lower Upper
65 100
67 53.0 43.2 64.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

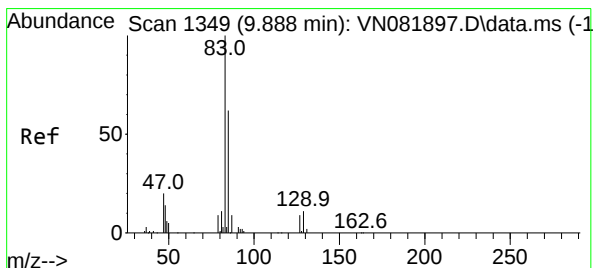
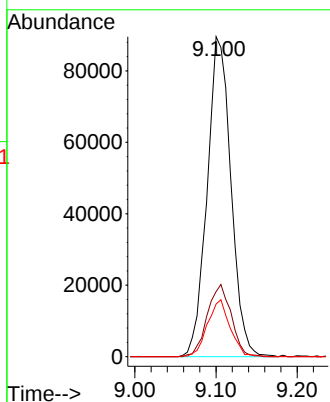
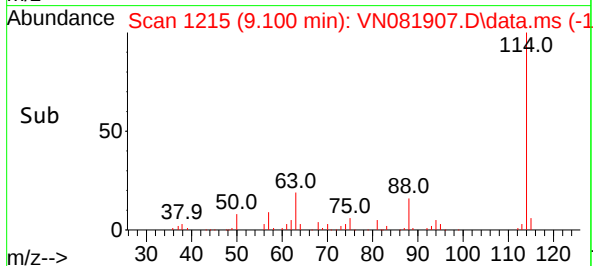
Instrument :
MSVOA_N
ClientSampleId :
240417004-02



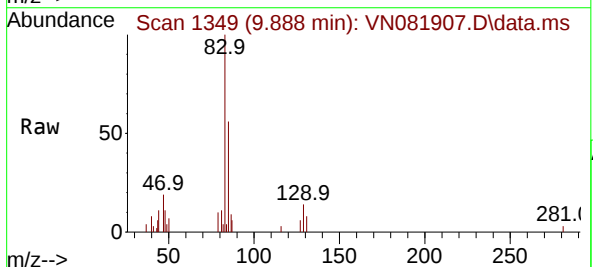
Tgt Ion:114 Resp: 182810
Ion Ratio Lower Upper
114 100
63 22.6 15.9 23.9
88 16.9 12.7 19.1

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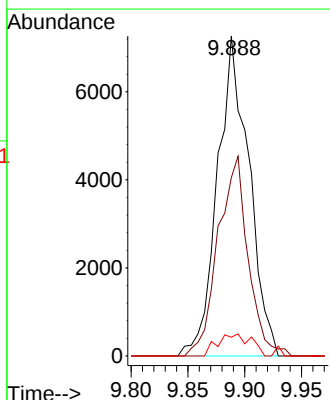
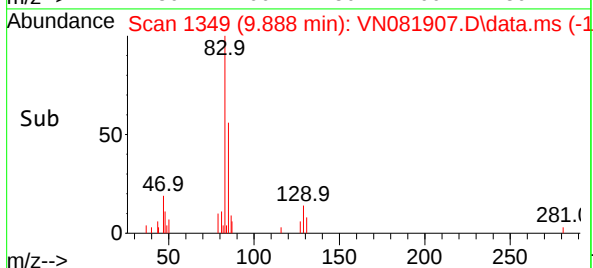
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

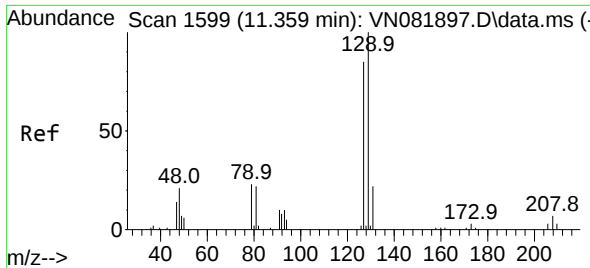


#41
Bromodichloromethane
Concen: 4.583 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20



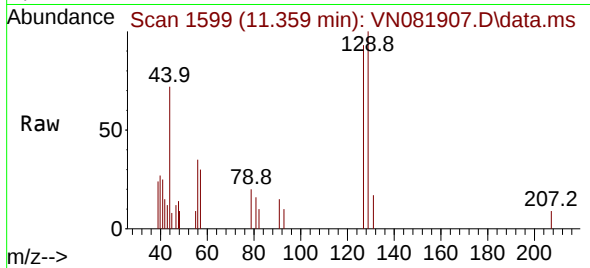
Tgt Ion: 83 Resp: 14019
Ion Ratio Lower Upper
83 100
85 55.7 49.4 74.2
127 5.9 7.3 10.9#





#53
Dibromochloromethane
Concen: 1.559 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

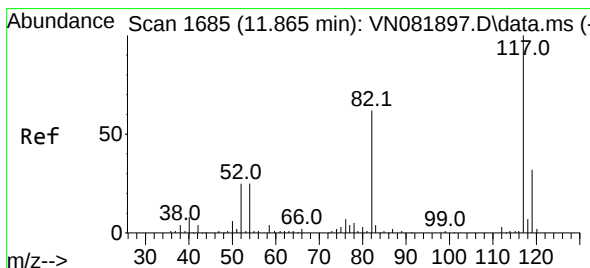
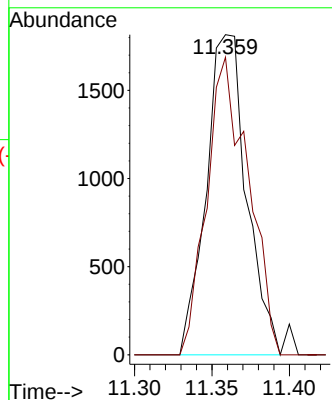
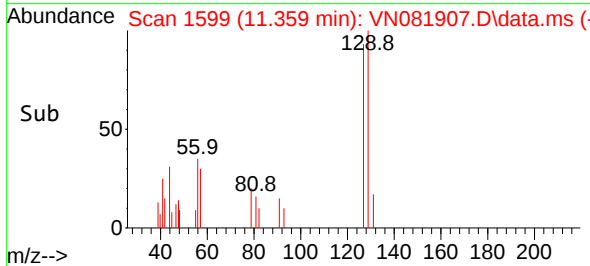
Instrument :
MSVOA_N
ClientSampleId :
240417004-02



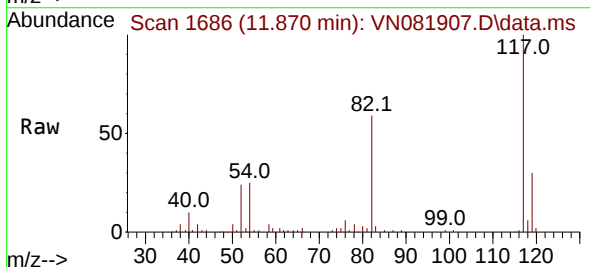
Tgt Ion:129 Resp: 329
Ion Ratio Lower Upper
129 100
127 95.5 39.4 118.1

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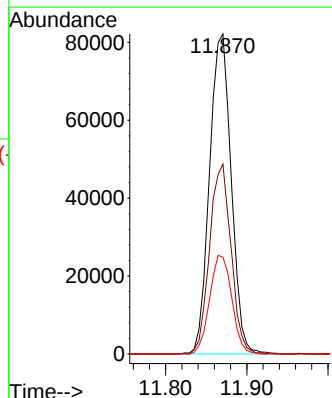
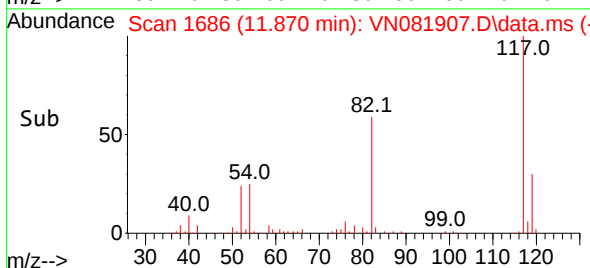
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

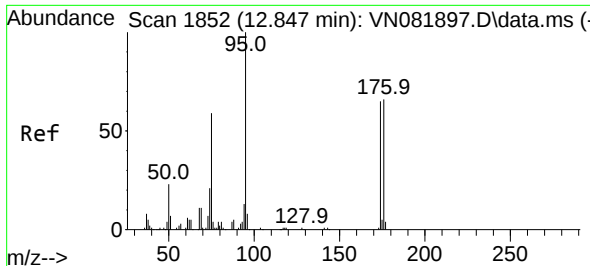


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20



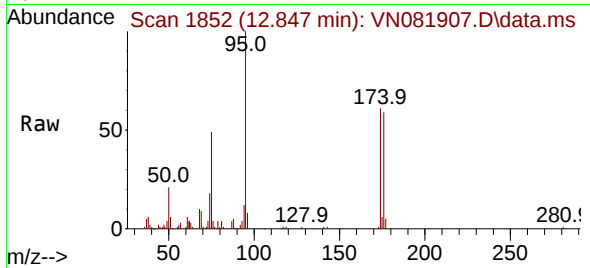
Tgt Ion:117 Resp: 152482
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.4 25.4 38.2





#60
4-Bromofluorobenzene
Concen: 28.828 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

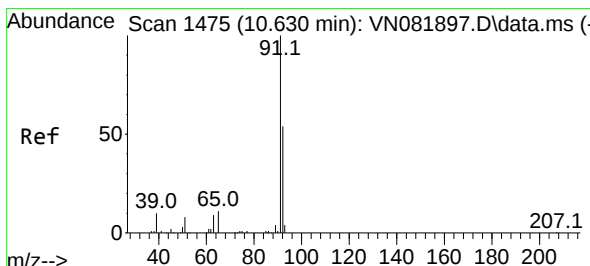
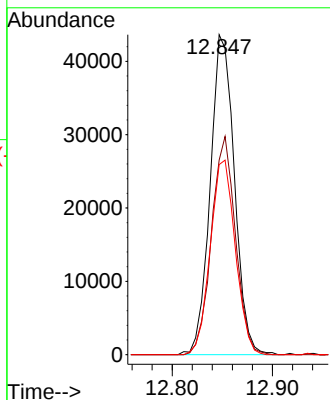
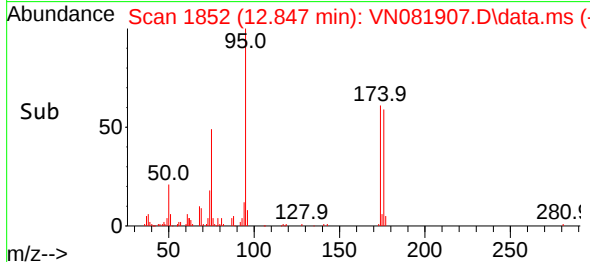
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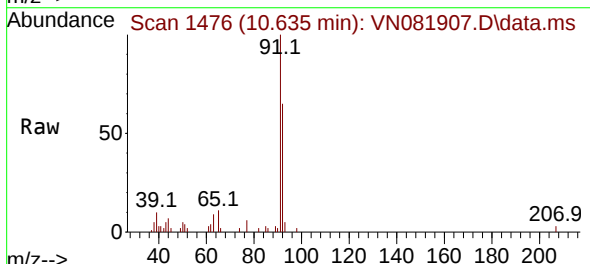
Tgt Ion: 95 Resp: 73150
Ion Ratio Lower Upper
95 100
174 67.7 60.5 90.7
176 63.0 57.8 86.6

Manual Integrations
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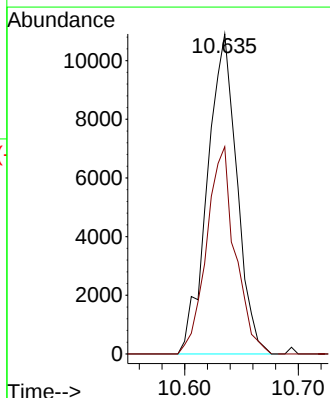
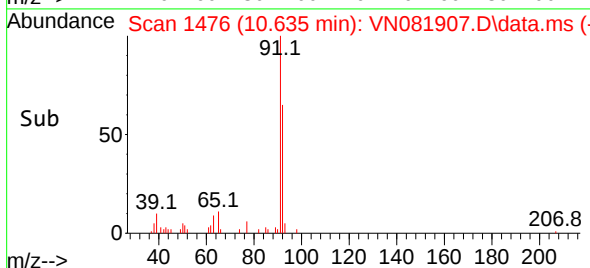
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

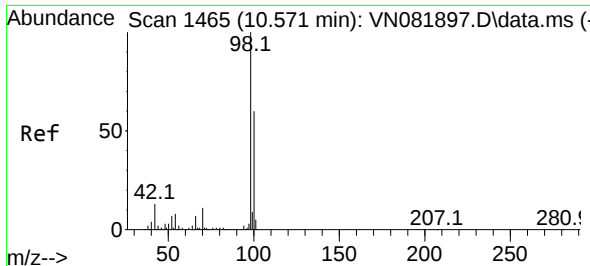


#62
Toluene
Concen: 2.298 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20



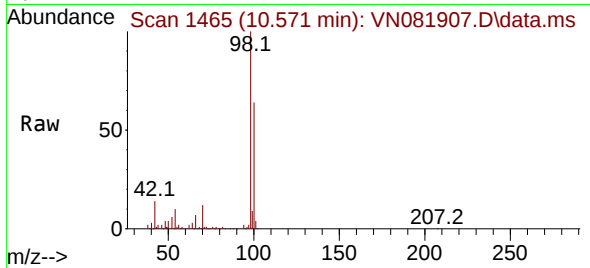
Tgt Ion: 91 Resp: 19712
Ion Ratio Lower Upper
91 100
92 62.6 46.5 69.7





#63
Toluene-d8
Concen: 30.612 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20

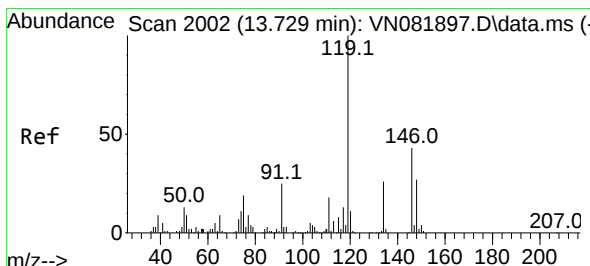
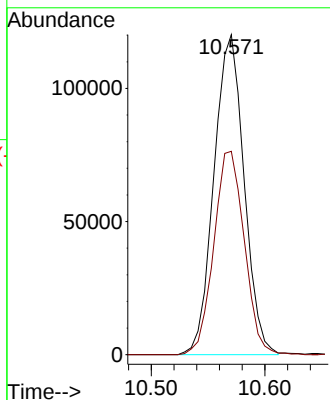
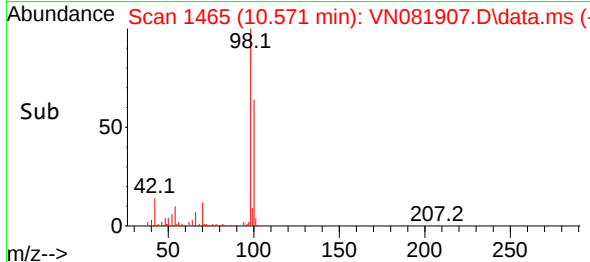
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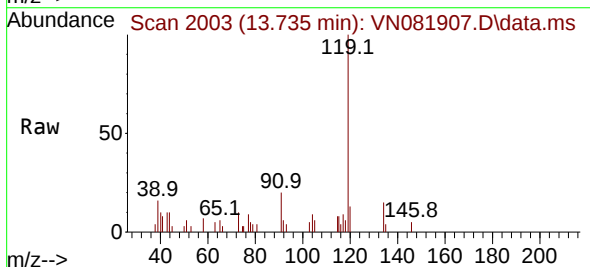
Tgt Ion: 98 Resp: 22167
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

Manual Integrations
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Supervised By :Mahesh Dadoda 04/30/2024



#82
p-Isopropyltoluene
Concen: 1.209 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN081907.D
Acq: 29 Apr 2024 12:20



Tgt Ion:119 Resp: 8183
Ion Ratio Lower Upper
119 100
134 21.7 0.0 49.2
91 29.1 0.0 48.8

