

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083830.D
 Acq On : 12 Sep 2024 14:41
 Operator : JC\MD
 Sample : P3913-10RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 82924-A-CRE

Quant Time: Sep 12 17:34:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	144353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109037	50.094	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.180%			
35) Dibromofluoromethane	8.165	113	86571	46.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.100%			
50) Toluene-d8	10.565	98	323580	49.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.580%			
62) 4-Bromofluorobenzene	12.847	95	166673	62.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 124.320%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.547	59	14691m	50.403	ug/l	
16) Acetone	4.430	43	349768	400.852	ug/l	97
25) 2-Butanone	7.483	43	207479	180.913	ug/l	99
40) Benzene	8.606	78	7553	0.887	ug/l #	87
52) Toluene	10.629	92	68733	13.193	ug/l	97
67) Ethyl Benzene	11.965	91	19756	1.509	ug/l	94
68) m/p-Xylenes	12.065	106	28372	5.838	ug/l	98
69) o-Xylene	12.400	106	10788	2.293	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	3419	0.283	ug/l	95

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

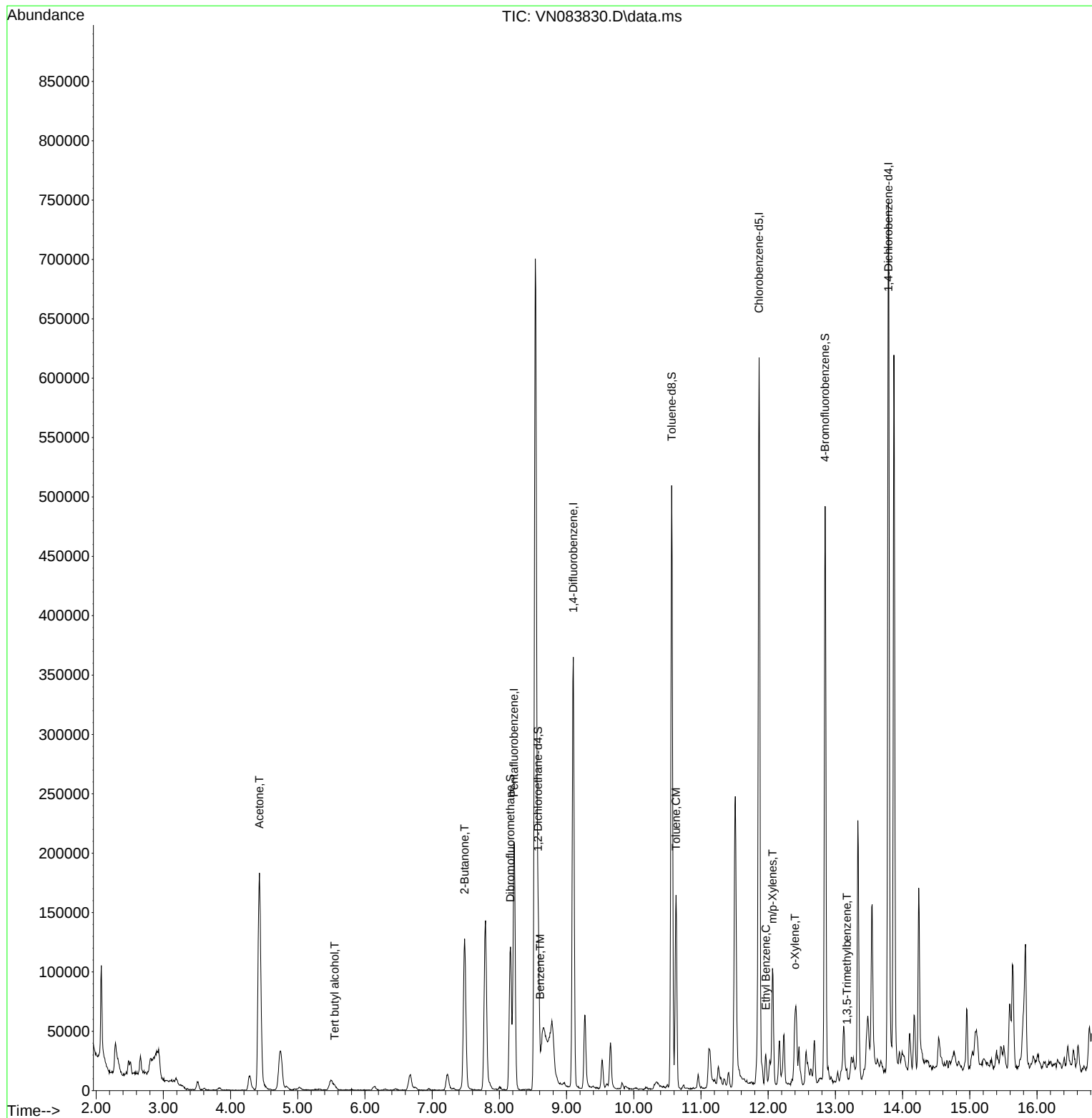
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
Data File : VN083830.D
Acq On : 12 Sep 2024 14:41
Operator : JC\MD
Sample : P3913-10RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

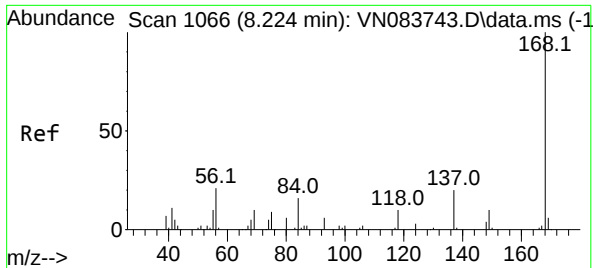
Instrument :
MSVOA_N
ClientSampleId :
82924-A-CRE

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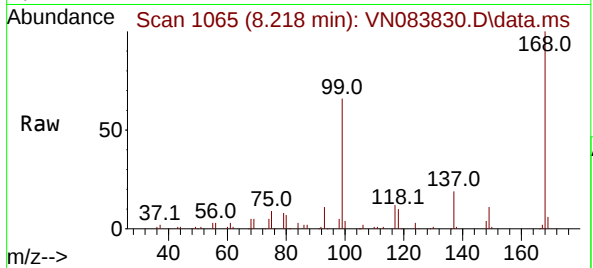
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

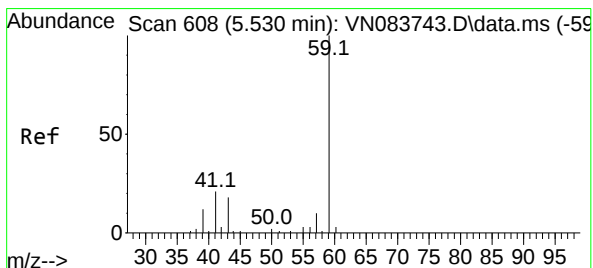
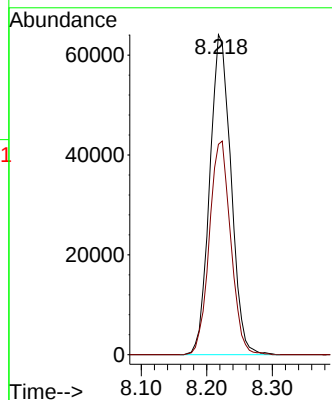
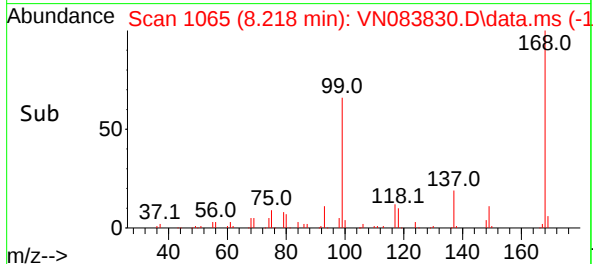
Instrument :
MSVOA_N
ClientSampleId :
82924-A-CRE



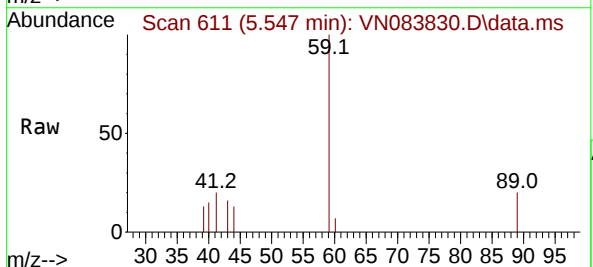
Tgt Ion:168 Resp: 14435
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2

Manual Integrations
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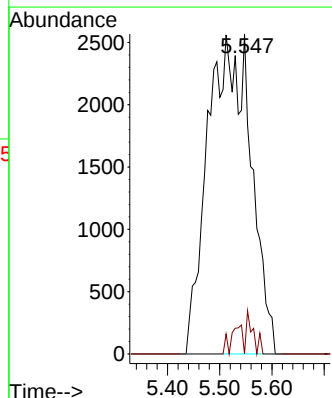
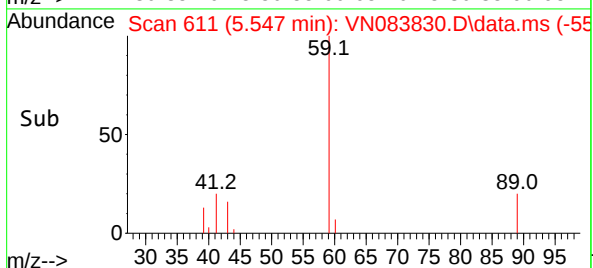
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#11
Tert butyl alcohol
Concen: 50.403 ug/l m
RT: 5.547 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41



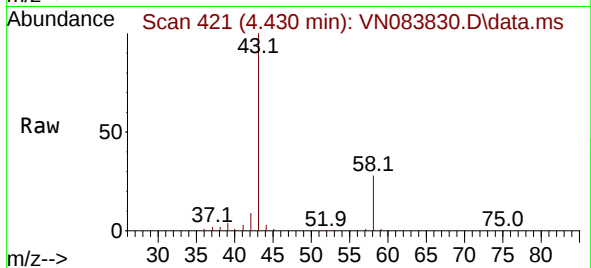
Tgt Ion: 59 Resp: 14691
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#16
Acetone
Concen: 400.852 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

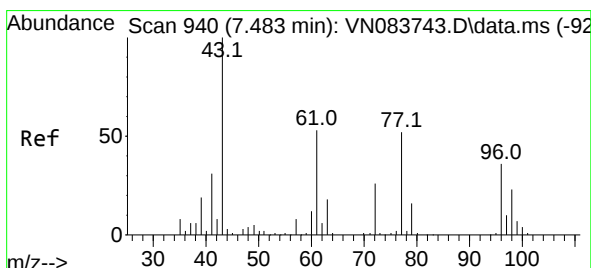
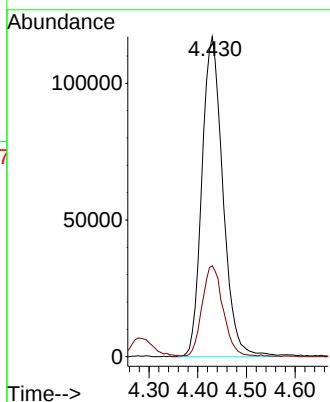
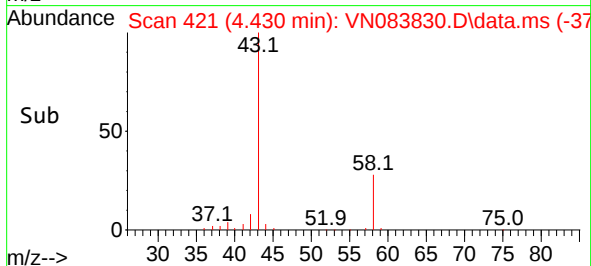
Instrument :
MSVOA_N
ClientSampleId :
82924-A-CRE



Tgt Ion: 43 Resp: 349768
Ion Ratio Lower Upper
43 100
58 28.2 23.7 35.5

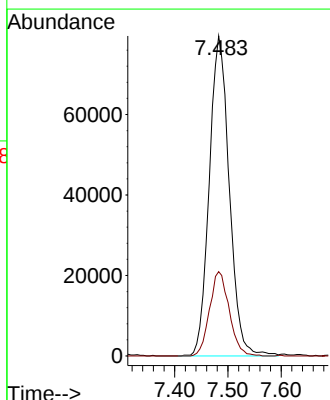
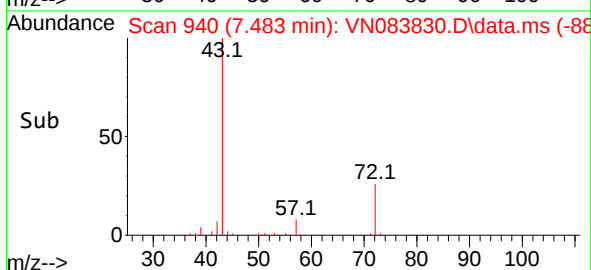
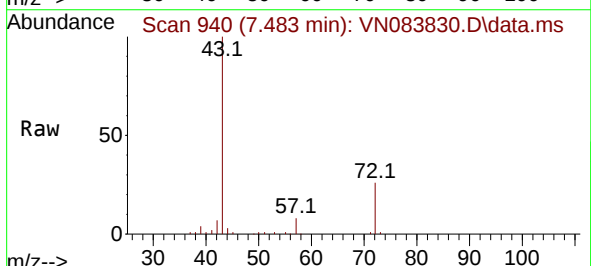
Manual Integrations
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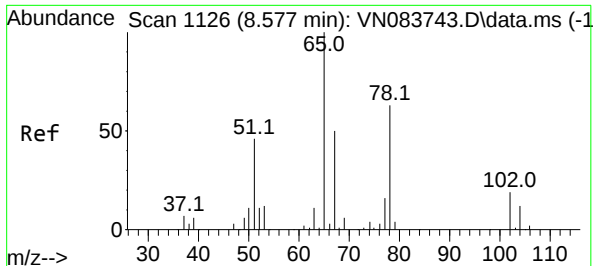
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#25
2-Butanone
Concen: 180.913 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

Tgt Ion: 43 Resp: 207479
Ion Ratio Lower Upper
43 100
72 26.4 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 50.094 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083830.D

Acq: 12 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

82924-A-CRE

Tgt Ion: 65 Resp: 10903

Ion Ratio Lower Upper

65 100

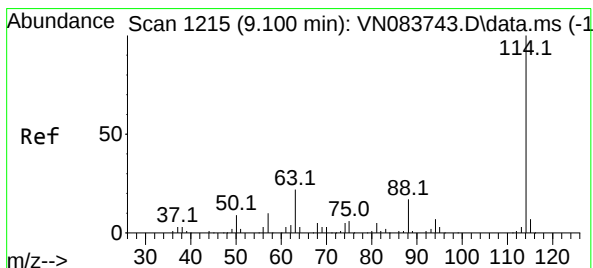
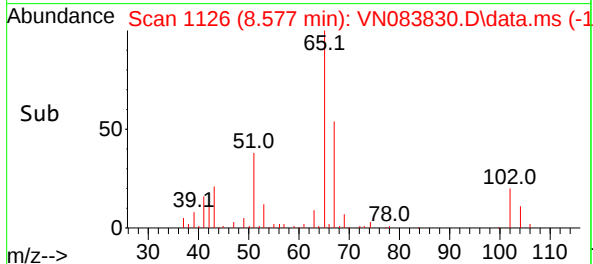
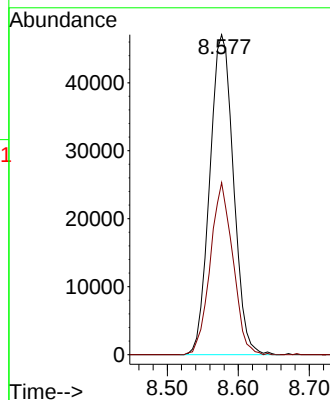
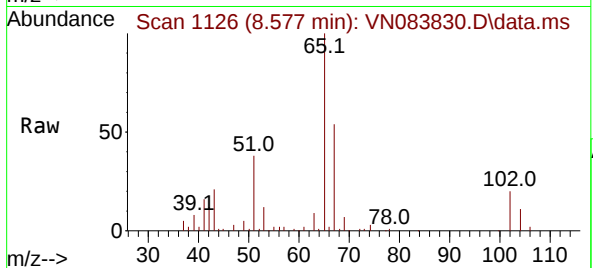
67 51.4 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083830.D

Acq: 12 Sep 2024 14:41

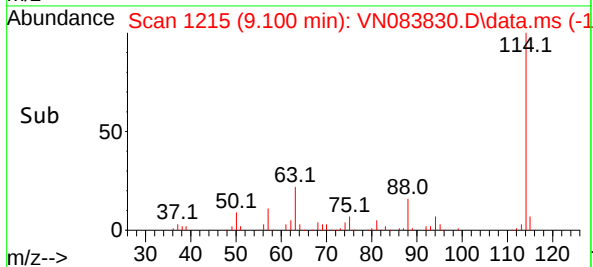
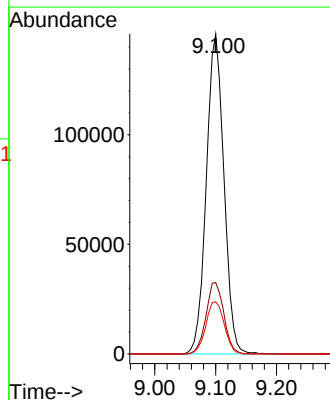
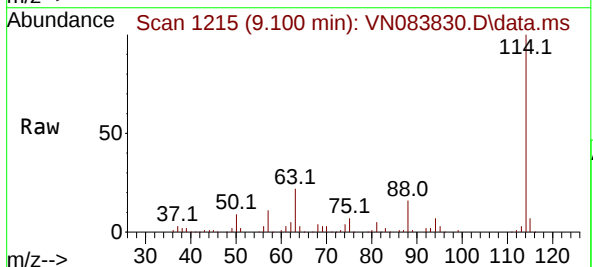
Tgt Ion:114 Resp: 293675

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

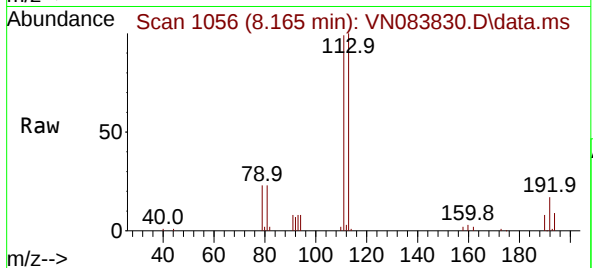
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.047 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

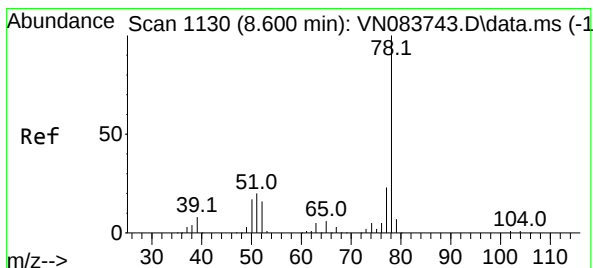
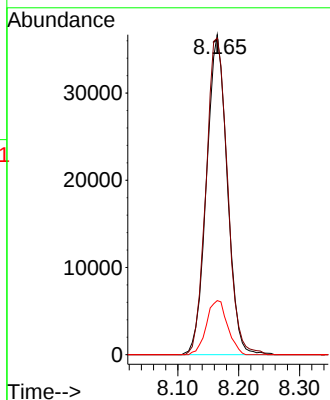
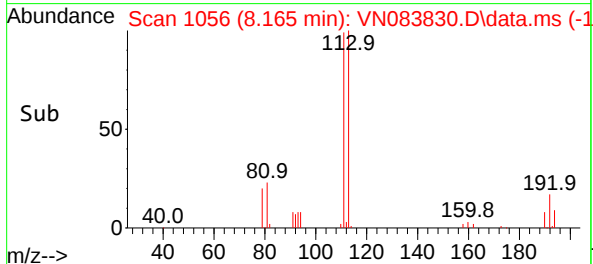
Instrument :
MSVOA_N
ClientSampleId :
82924-A-CRE



Tgt Ion:113 Resp: 8657
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.2 14.3 21.5

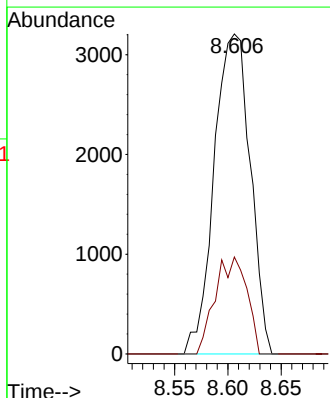
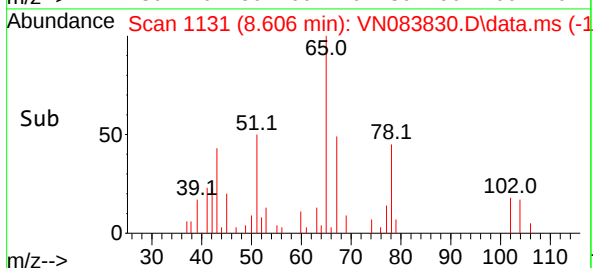
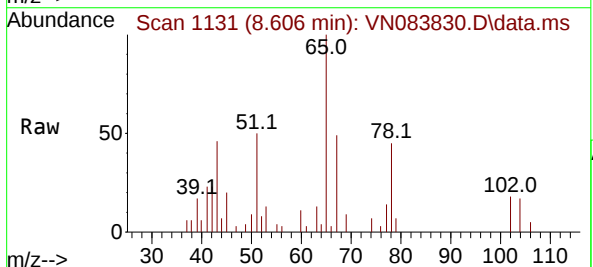
Manual Integrations
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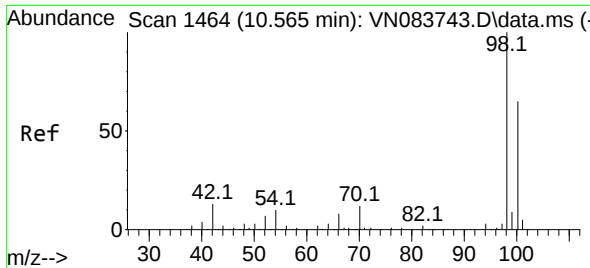
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#40
Benzene
Concen: 0.887 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

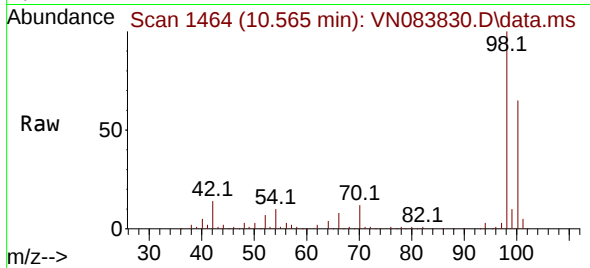
Tgt Ion: 78 Resp: 7553
Ion Ratio Lower Upper
78 100
77 30.3 19.0 28.6#





#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

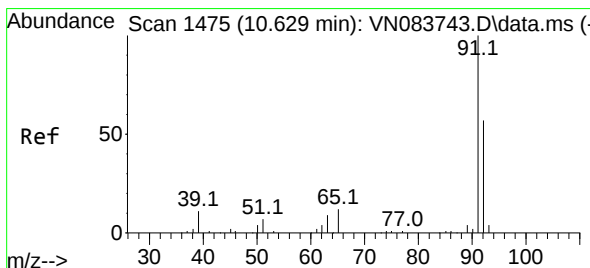
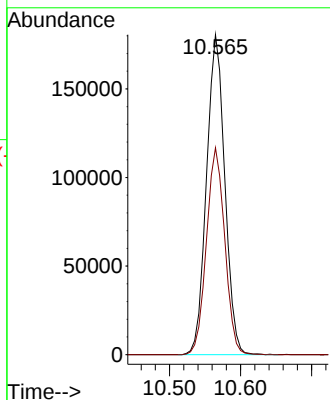
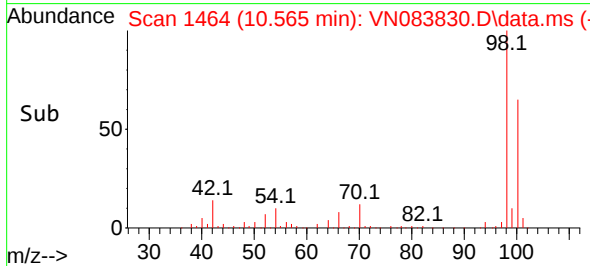
Instrument :
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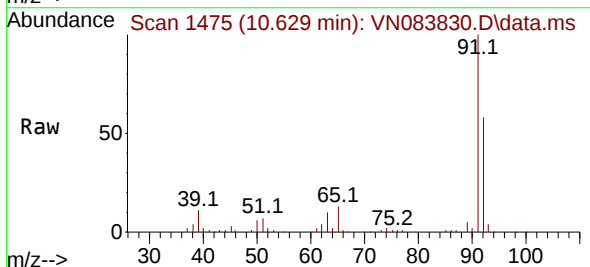
Tgt Ion: 98 Resp: 323580
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

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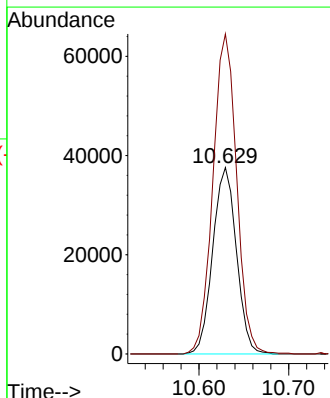
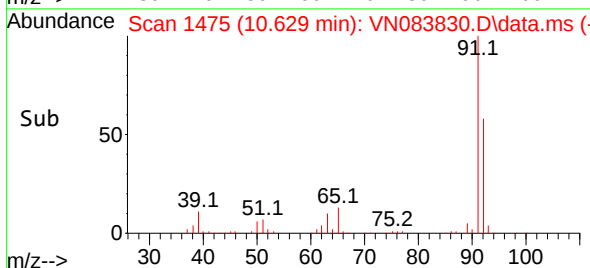
Reviewed By :John Carlone 09/13/2024
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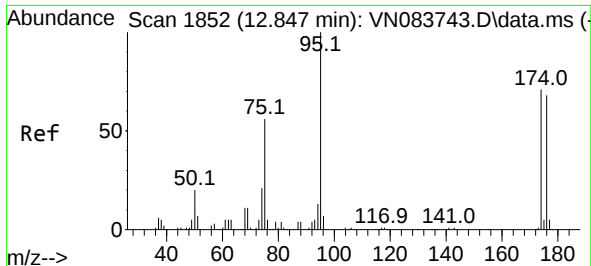


#52
Toluene
Concen: 13.193 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41



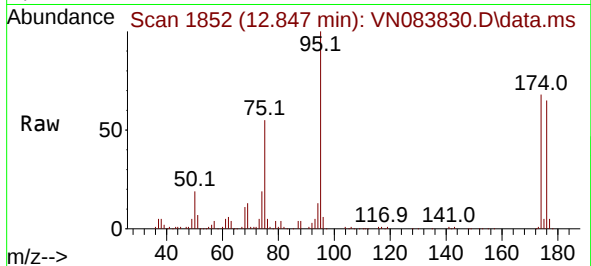
Tgt Ion: 92 Resp: 68733
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 62.156 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

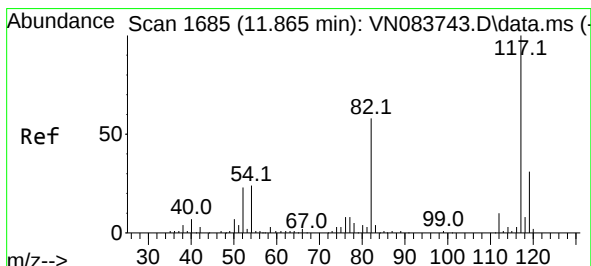
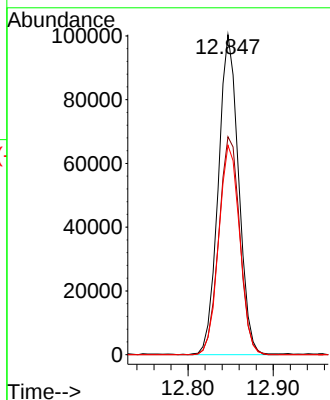
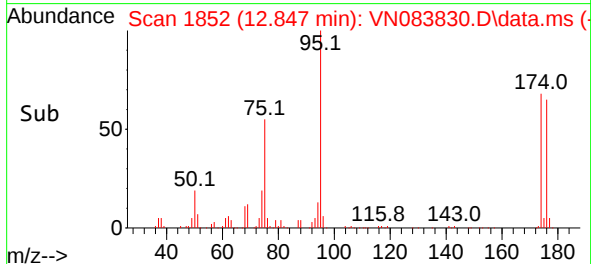
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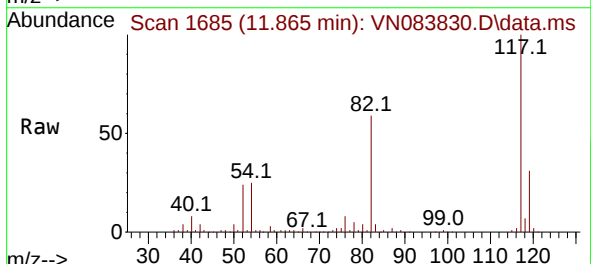
Tgt Ion: 95 Resp: 16667
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.6 0.0 131.4

Manual Integrations
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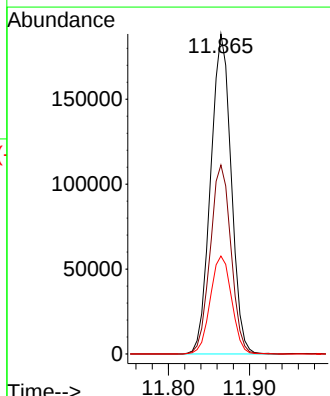
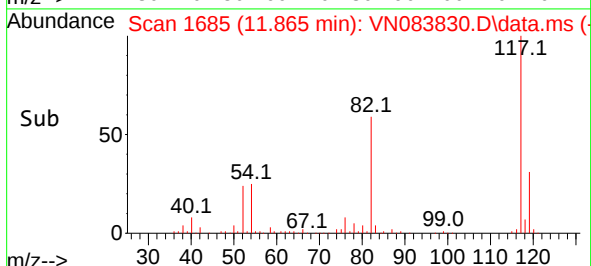
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

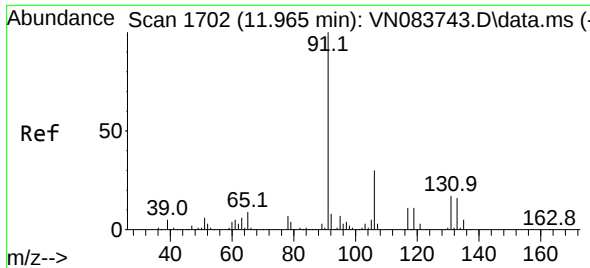


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41



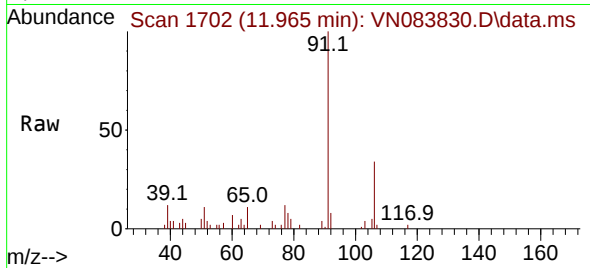
Tgt Ion:117 Resp: 331548
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 30.6 26.3 39.5





#67
Ethyl Benzene
Concen: 1.509 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

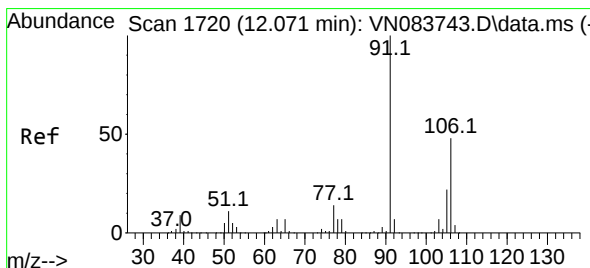
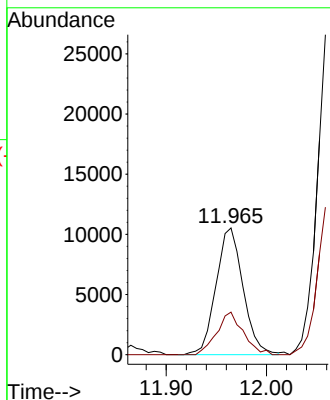
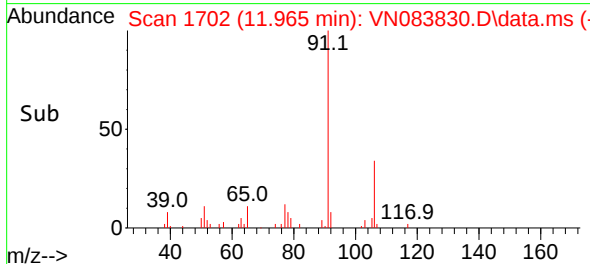
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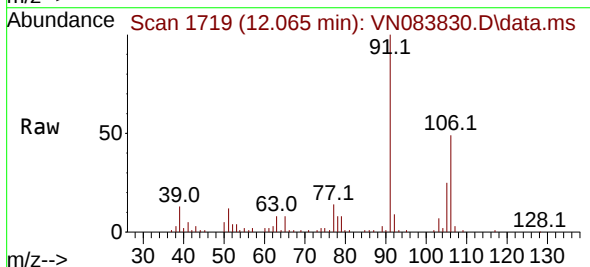
Tgt Ion: 91 Resp: 19750
Ion Ratio Lower Upper
91 100
106 33.6 24.3 36.5

Manual Integrations
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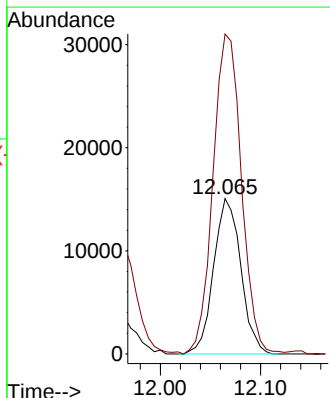
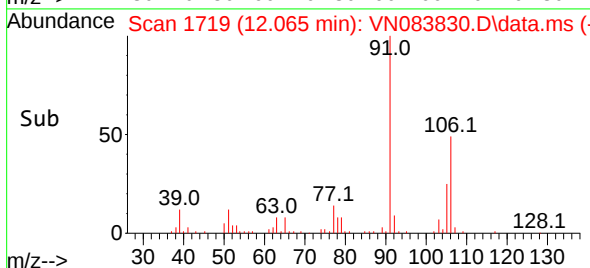
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

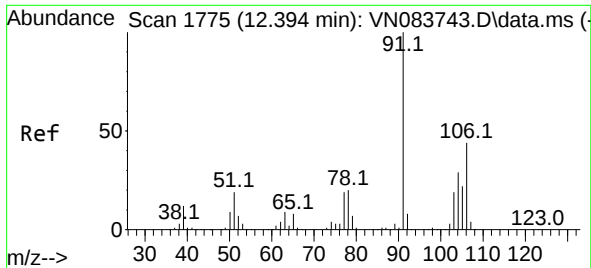


#68
m/p-Xylenes
Concen: 5.838 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41



Tgt Ion:106 Resp: 28372
Ion Ratio Lower Upper
106 100
91 215.3 169.2 253.8





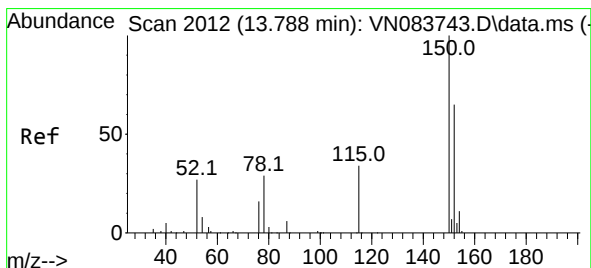
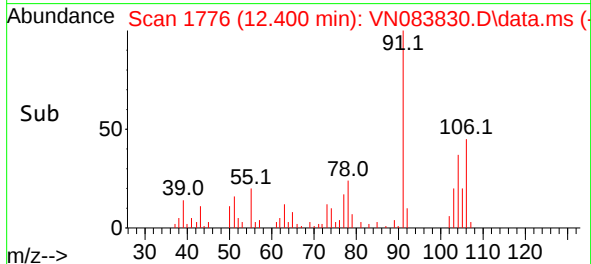
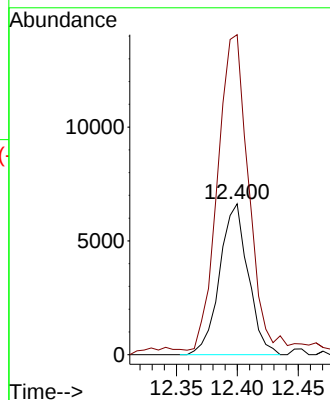
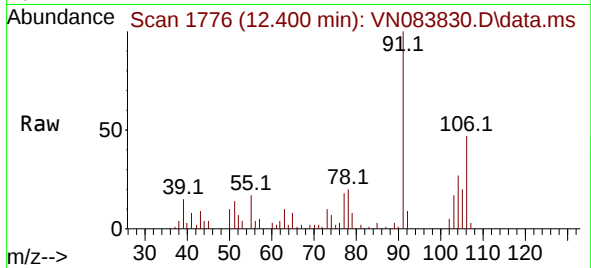
#69
o-Xylene
Concen: 2.293 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
82924-A-CRE

Tgt Ion:106 Resp: 10788
Ion Ratio Lower Upper
106 100
91 237.3 112.9 338.6

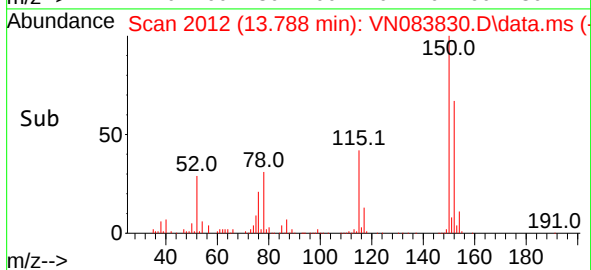
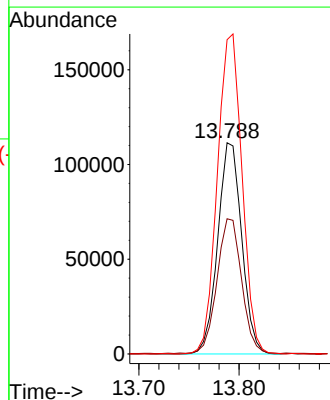
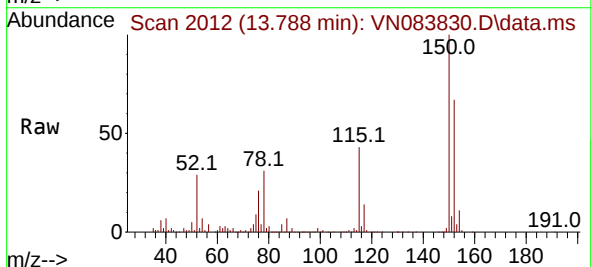
Manual Integrations
APPROVED

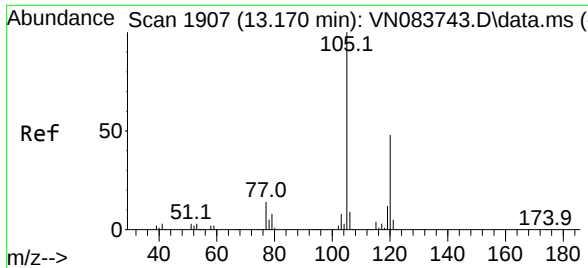
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083830.D
Acq: 12 Sep 2024 14:41

Tgt Ion:152 Resp: 185188
Ion Ratio Lower Upper
152 100
115 65.7 32.2 96.6
150 156.3 0.0 348.6





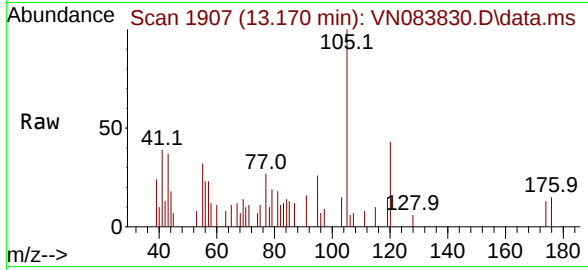
#80
 1,3,5-Trimethylbenzene
 Concen: 0.283 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN083830.D
 Acq: 12 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

82924-A-CRE



Tgt Ion:105 Resp: 3419
 Ion Ratio Lower Upper
 105 100
 120 50.2 23.4 70.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024

