

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083810.D
 Acq On : 11 Sep 2024 21:09
 Operator : JC\MD
 Sample : P3911-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:15:27 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95138	55.666	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.340%			
35) Dibromofluoromethane	8.165	113	74516	48.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.060%			
50) Toluene-d8	10.565	98	269565	50.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.847	95	132905	60.689	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 121.380%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	4037	17.639	ug/l #	79
16) Acetone	4.442	43	25466	37.170	ug/l	99
18) Methyl Acetate	5.030	43	5069	1.761	ug/l #	86
20) Methylene Chloride	5.277	84	5198	3.707	ug/l	96
37) Ethyl Acetate	7.565	43	3162	1.507	ug/l #	81
40) Benzene	8.606	78	46398	6.670	ug/l	98
43) Isopropyl Acetate	8.688	43	216966m	57.076	ug/l	
51) 4-Methyl-2-Pentanone	10.441	43	11237	5.430	ug/l #	78
52) Toluene	10.629	92	73954	17.382	ug/l	96
68) m/p-Xylenes	12.065	106	14100	3.495	ug/l	100
69) o-Xylene	12.394	106	12129	3.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	15153	1.639	ug/l	79
95) Naphthalene	15.641	128	466220	59.681	ug/l	99

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

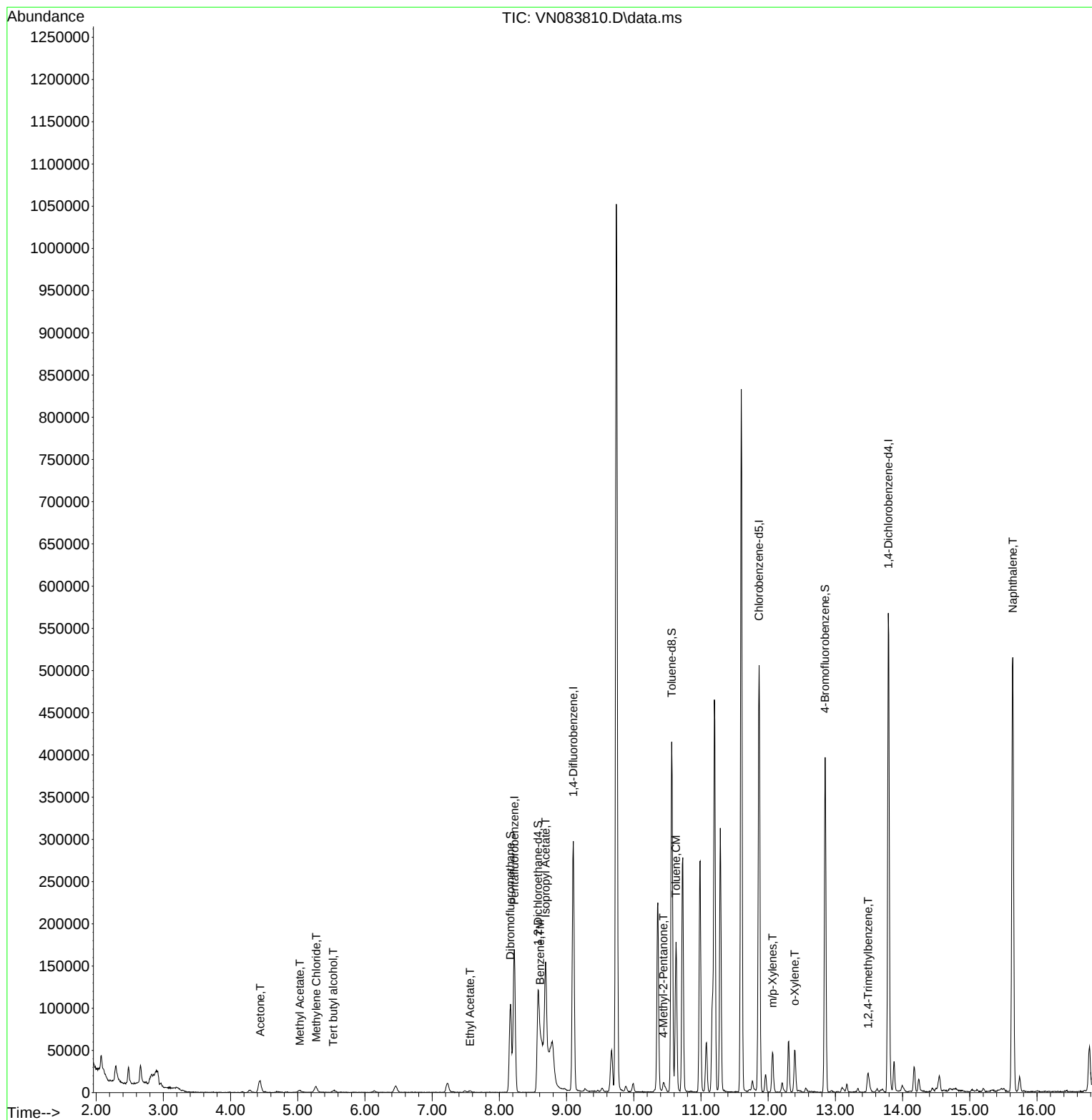
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Data File : VN083810.D
Acq On : 11 Sep 2024 21:09
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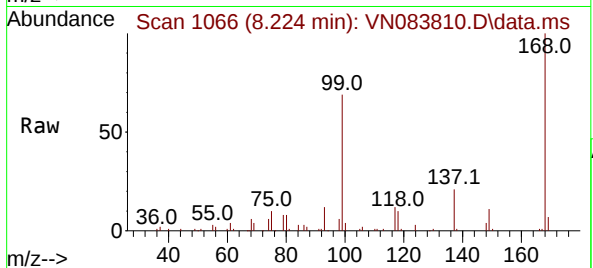
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

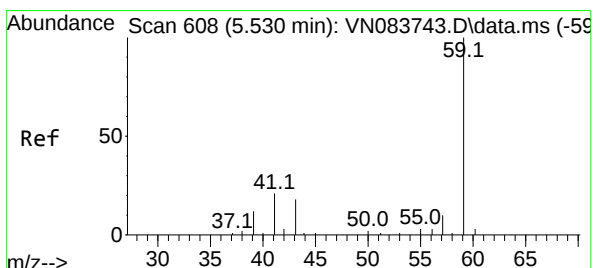
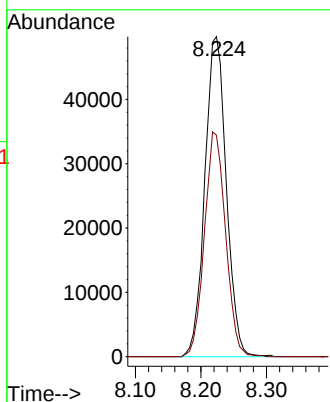
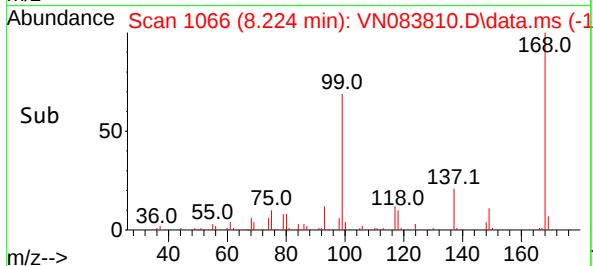
Instrument :
MSVOA_N
ClientSampleId :
SP-3



Tgt Ion:168 Resp: 11334
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2

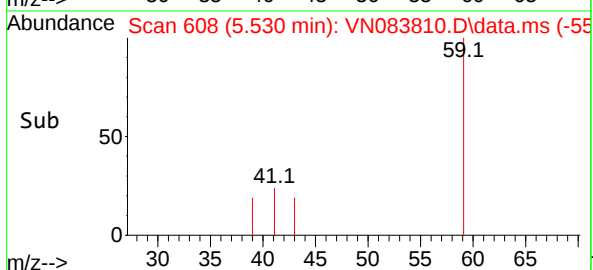
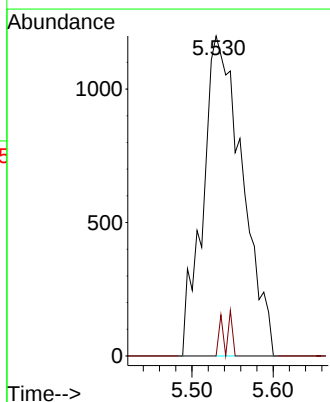
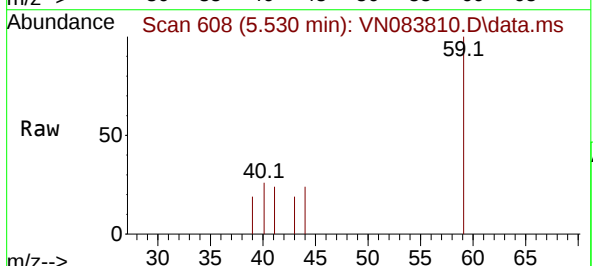
Manual Integrations
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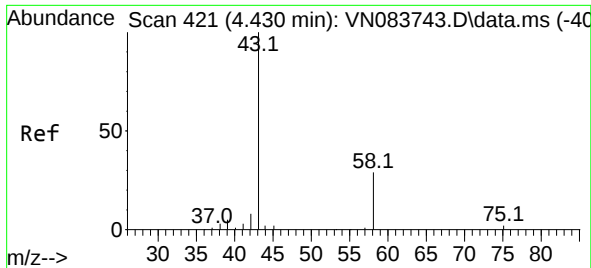
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#11
Tert butyl alcohol
Concen: 17.639 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

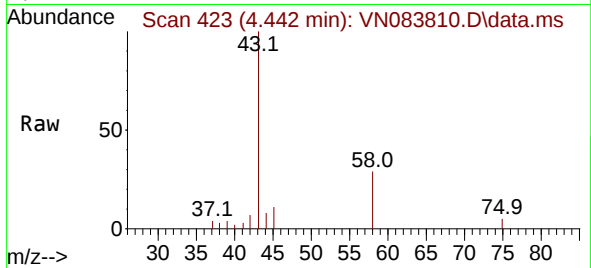
Tgt Ion: 59 Resp: 4037
Ion Ratio Lower Upper
59 100
57 2.8 8.7 13.1#





#16
Acetone
Concen: 37.170 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

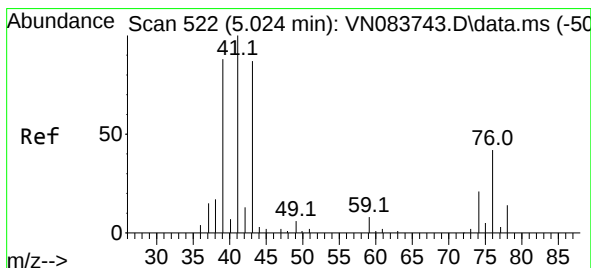
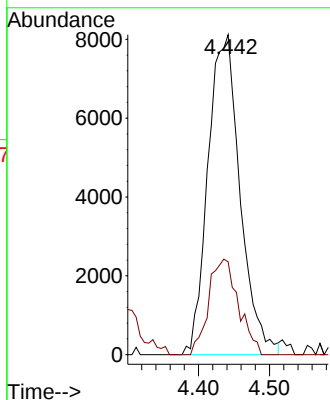
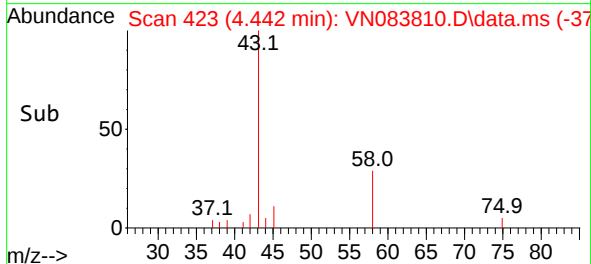
Instrument :
MSVOA_N
ClientSampleId :
SP-3



Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
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58 29.0 23.7 35.5

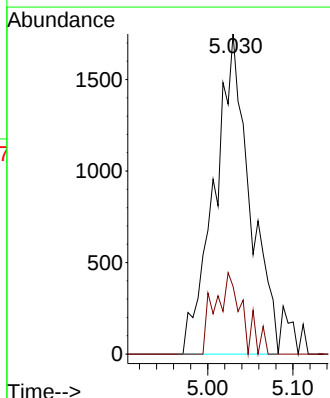
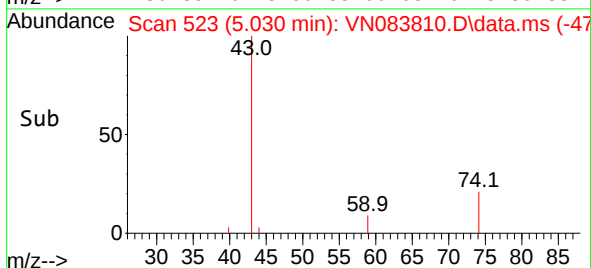
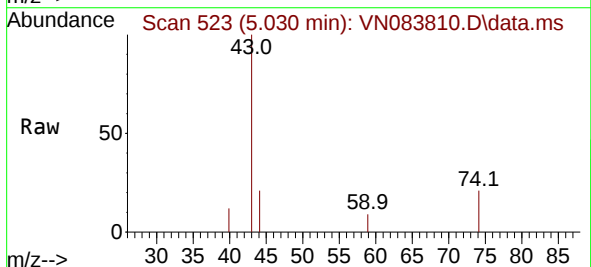
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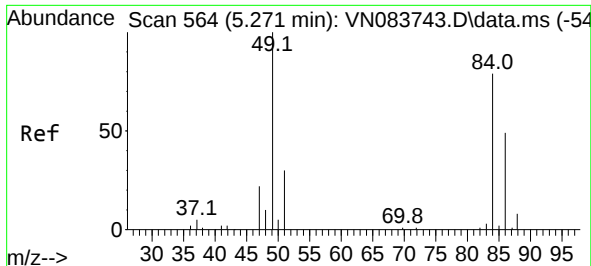
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#18
Methyl Acetate
Concen: 1.761 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

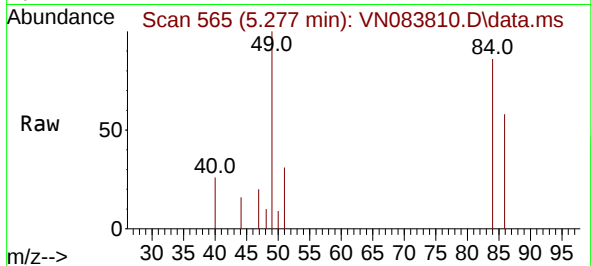
Tgt Ion: 43 Resp: 5069
Ion Ratio Lower Upper
43 100
74 17.0 19.0 28.4#





#20
Methylene Chloride
Concen: 3.707 ug/l
RT: 5.277 min Scan# 5198
Delta R.T. 0.006 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

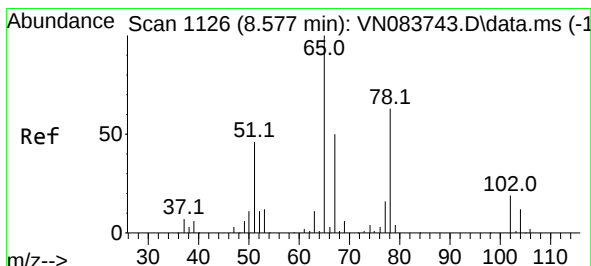
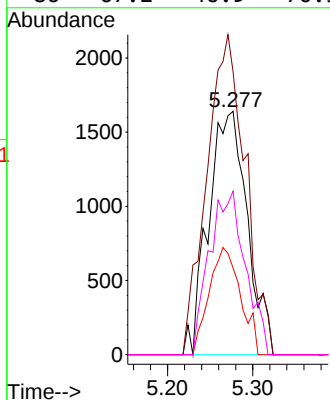
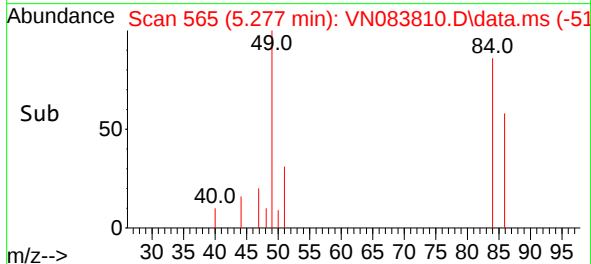
Instrument :
MSVOA_N
ClientSampleId :
SP-3



Tgt Ion: 84	Resp: 519
Ion Ratio	Lower Upper
84 100	
49 116.3	93.4 140.0
51 35.6	29.2 43.8
86 67.2	46.9 70.3

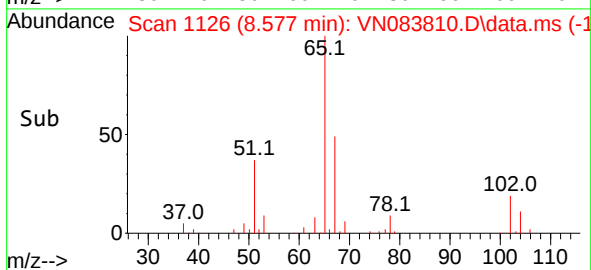
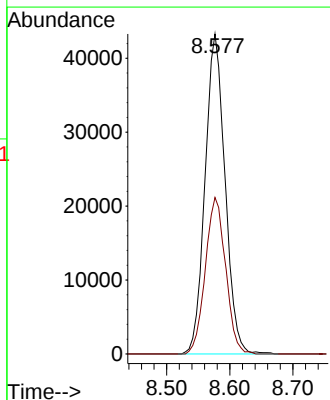
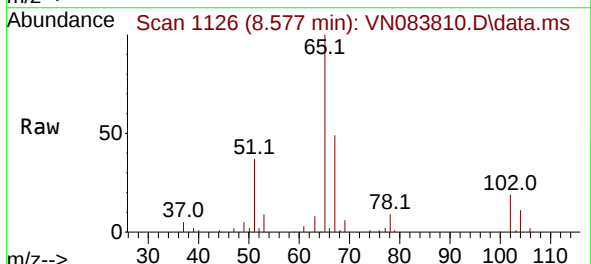
Manual Integrations
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Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#33
1,2-Dichloroethane-d4
Concen: 55.666 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

Tgt Ion: 65	Resp: 95138
Ion Ratio	Lower Upper
65 100	
67 49.6	0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN083810.D

Acq: 11 Sep 2024 21:09

Instrument :

MSVOA_N

ClientSampleId :

SP-3

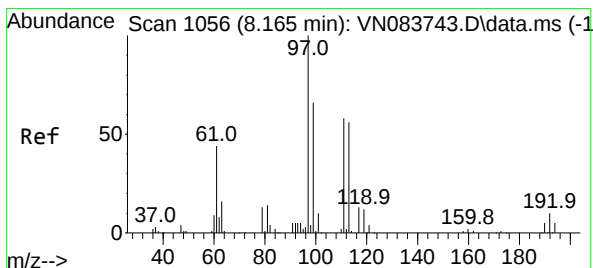
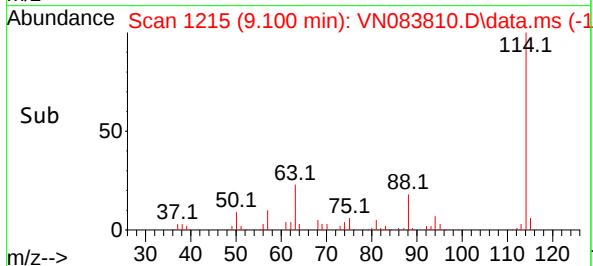
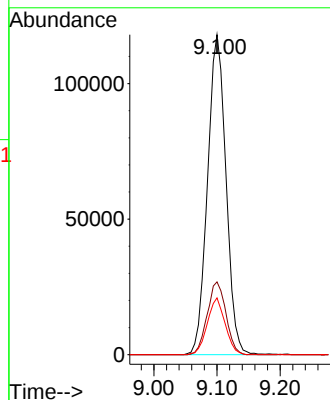
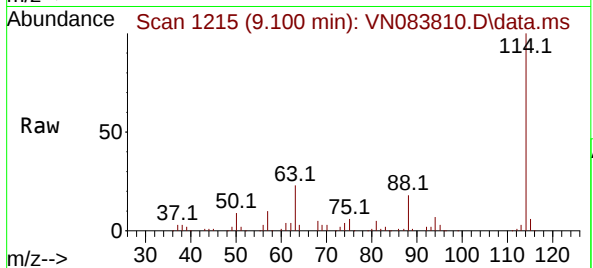
Tgt Ion:114	Resp:	23983
Ion Ratio	Lower	Upper
114	100	
63	22.8	0.0 43.4
88	17.8	0.0 32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/12/2024



#35

Dibromofluoromethane

Concen: 48.532 ug/l

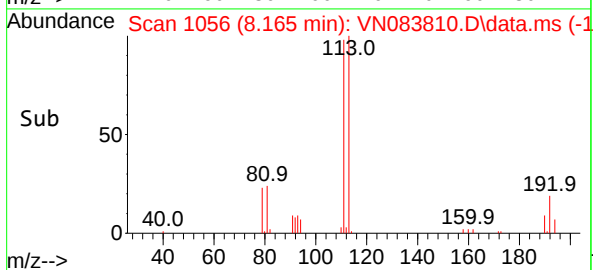
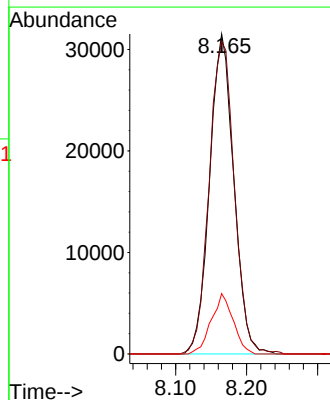
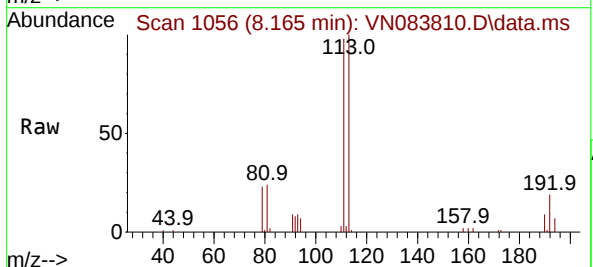
RT: 8.165 min Scan# 1056

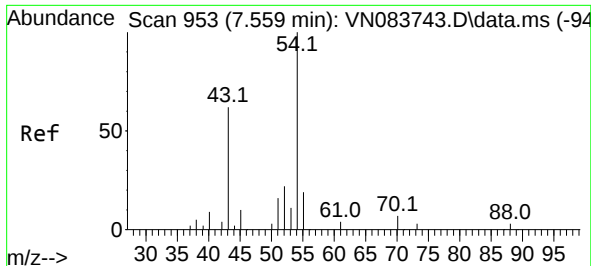
Delta R.T. -0.000 min

Lab File: VN083810.D

Acq: 11 Sep 2024 21:09

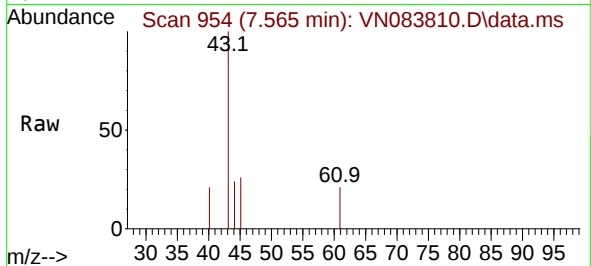
Tgt Ion:113	Resp:	74516
Ion Ratio	Lower	Upper
113	100	
111	101.6	82.6 124.0
192	17.1	14.3 21.5





#37
Ethyl Acetate
Concen: 1.507 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

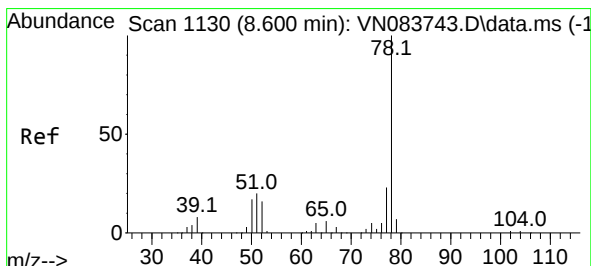
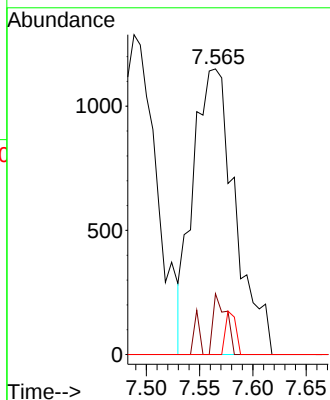
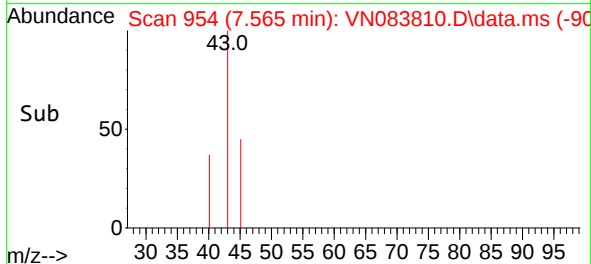
Instrument :
MSVOA_N
ClientSampleId :
SP-3



Tgt Ion: 43 Resp: 3162
Ion Ratio Lower Upper
43 100
61 6.6 11.1 16.7
70 3.6 8.8 13.2

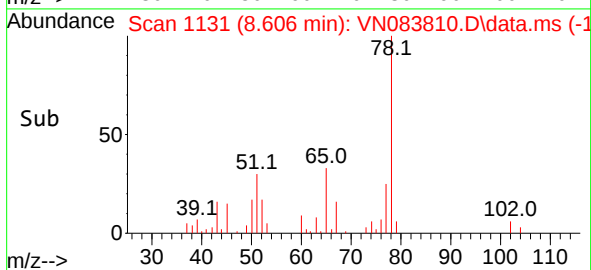
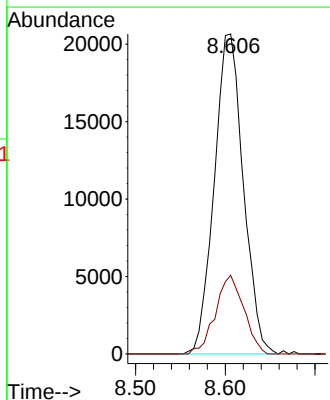
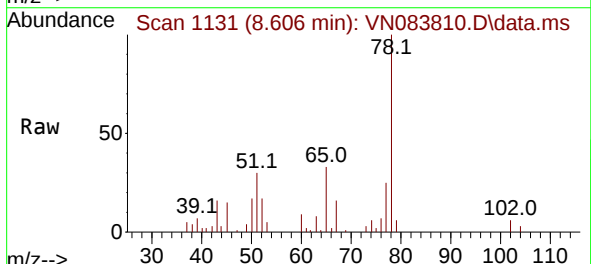
Manual Integrations
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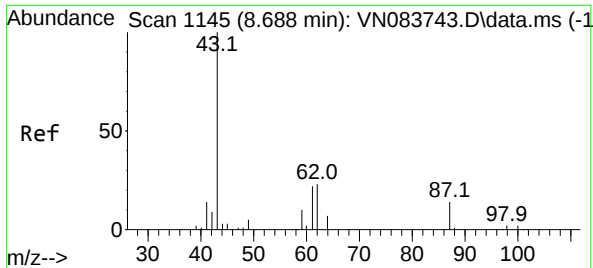
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#40
Benzene
Concen: 6.670 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

Tgt Ion: 78 Resp: 46398
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





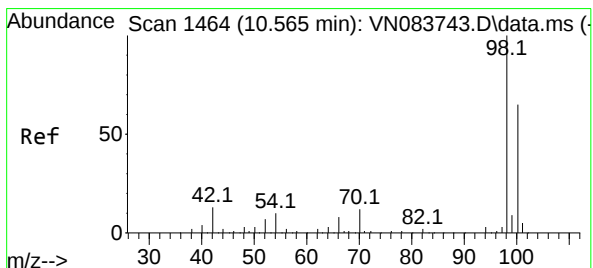
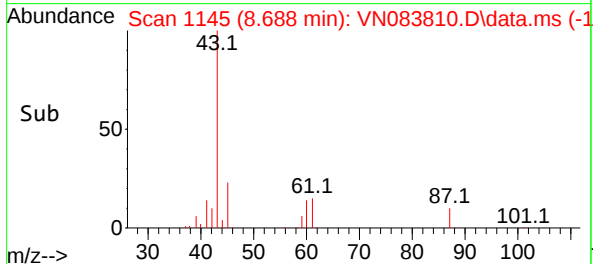
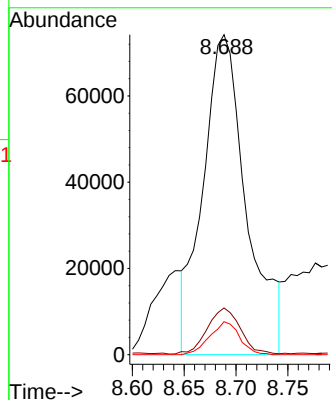
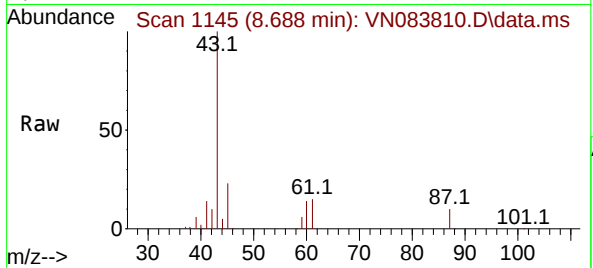
#43
Isopropyl Acetate
Concen: 57.076 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

Instrument :
MSVOA_N
ClientSampleId :
SP-3

Tgt Ion: 43 Resp: 216960
Ion Ratio Lower Upper
43 100
61 10.9 19.4 29.0
87 7.0 9.8 14.6

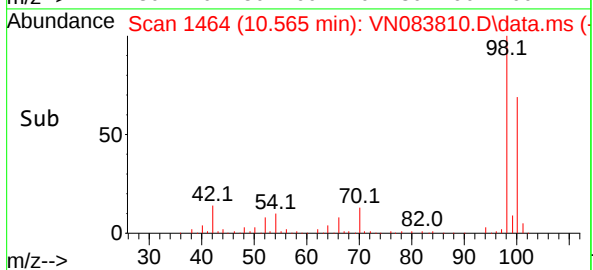
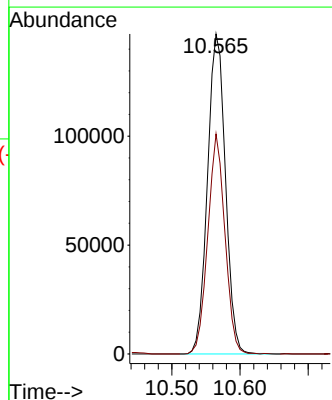
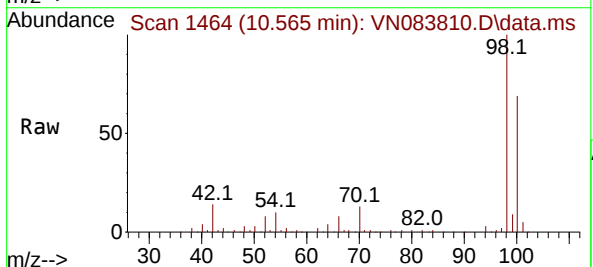
Manual Integrations
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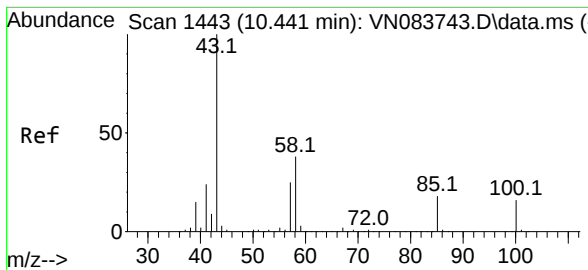
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#50
Toluene-d8
Concen: 50.785 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

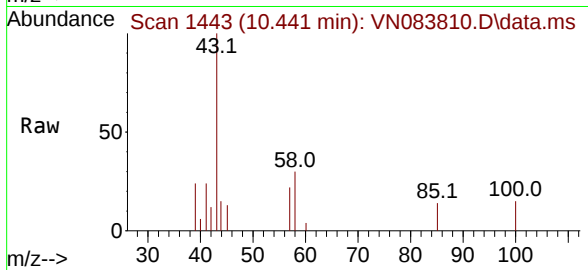
Tgt Ion: 98 Resp: 269565
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 5.430 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

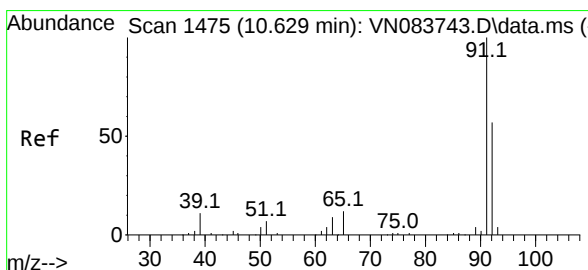
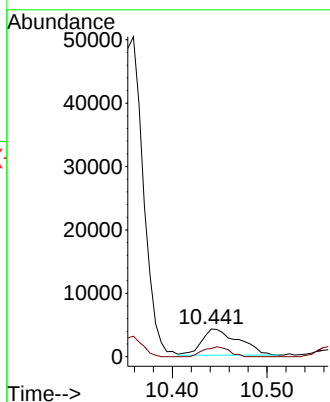
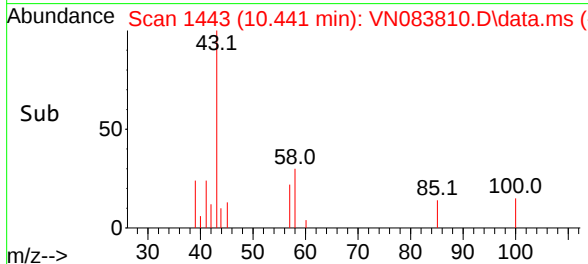
Instrument :
MSVOA_N
ClientSampleId :
SP-3



Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 26.2 31.6 47.4

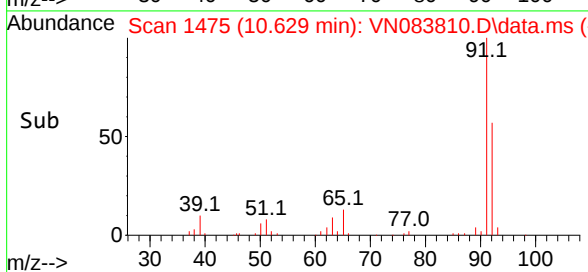
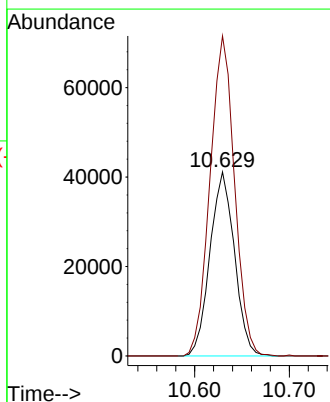
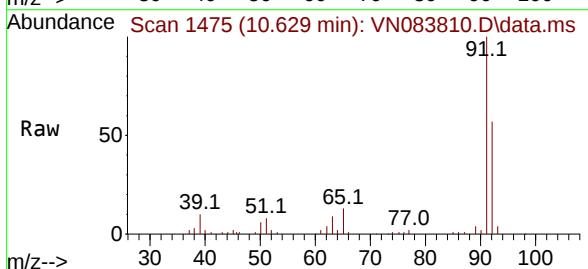
Manual Integrations
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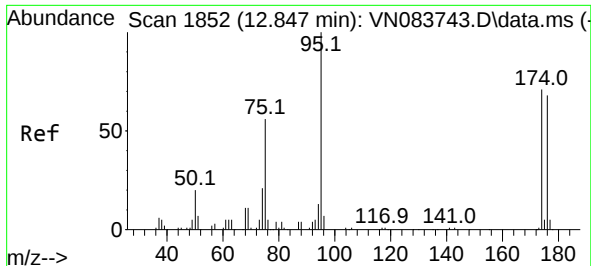
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#52
Toluene
Concen: 17.382 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

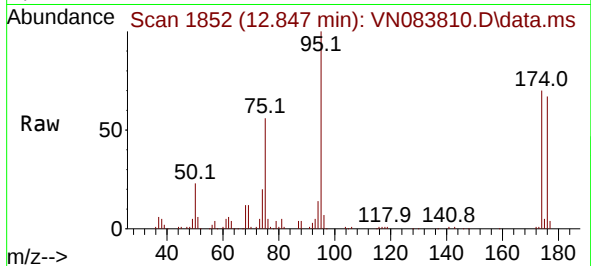
Tgt Ion: 92 Resp: 73954
Ion Ratio Lower Upper
92 100
91 174.0 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 60.689 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

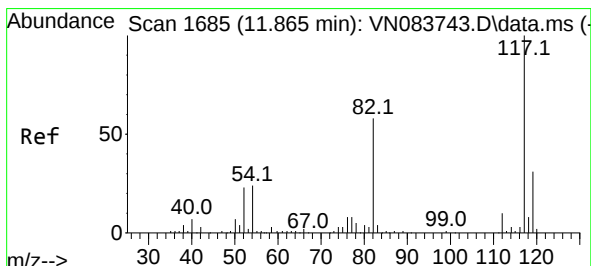
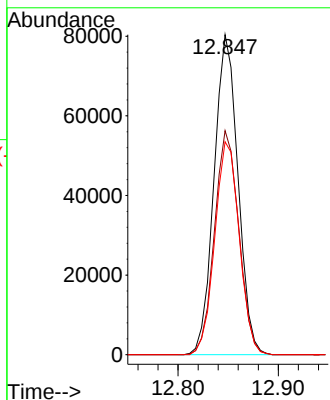
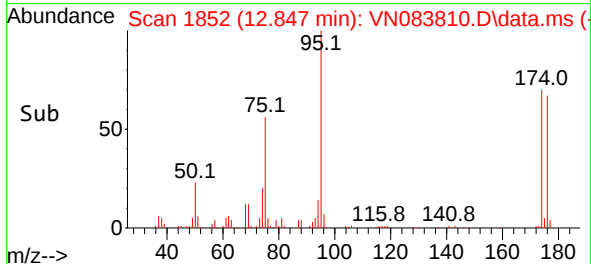
Instrument :
MSVOA_N
ClientSampleId :
SP-3



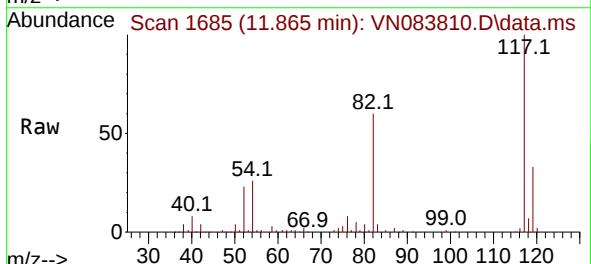
Tgt Ion: 95 Resp: 132908
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 68.1 0.0 131.4

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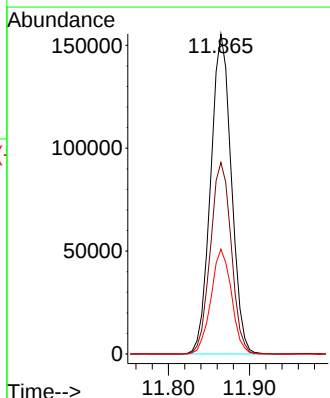
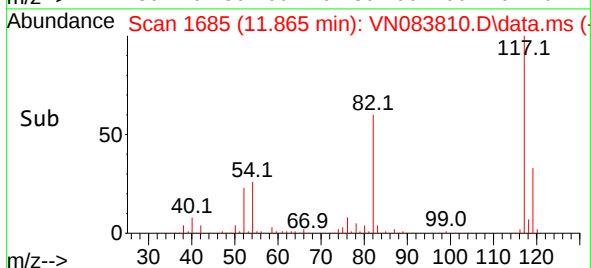
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

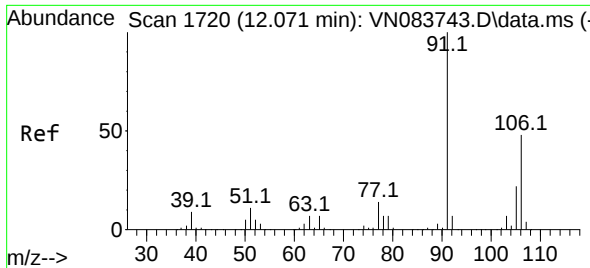


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09



Tgt Ion:117 Resp: 275233
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 32.8 26.3 39.5





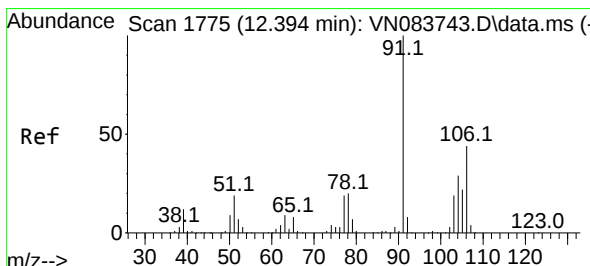
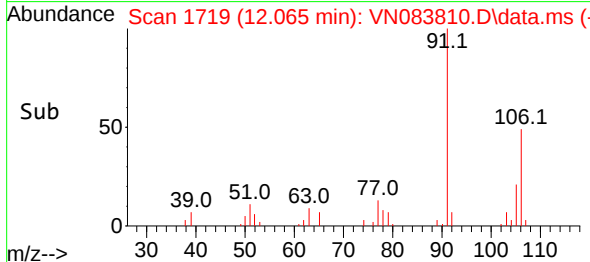
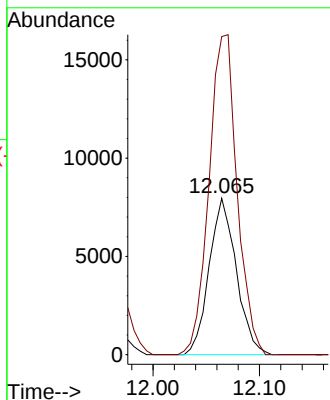
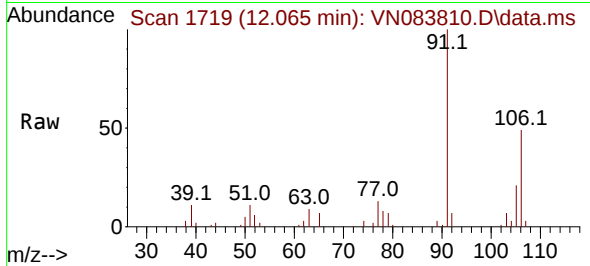
#68
m/p-Xylenes
Concen: 3.495 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

Instrument :
MSVOA_N
ClientSampleId :
SP-3

Tgt Ion:106 Resp: 14100
Ion Ratio Lower Upper
106 100
91 211.5 169.2 253.8

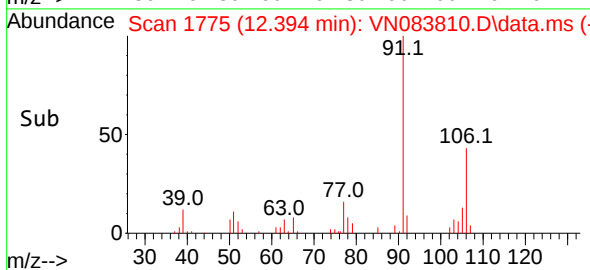
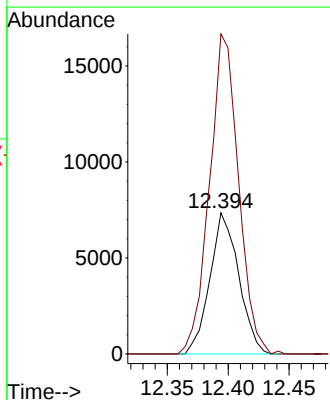
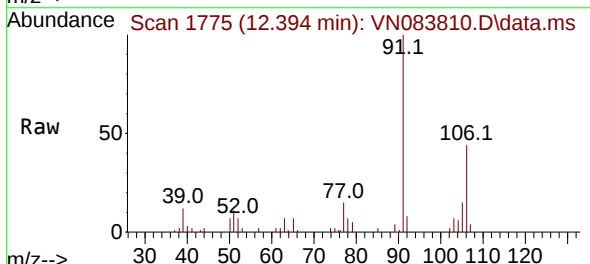
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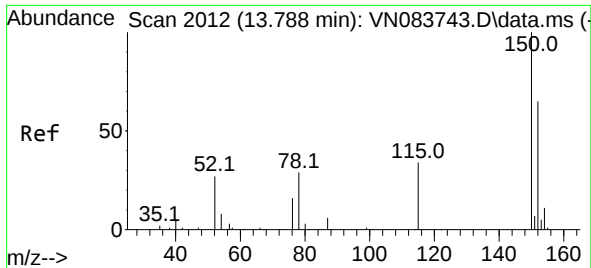
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#69
o-Xylene
Concen: 3.106 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

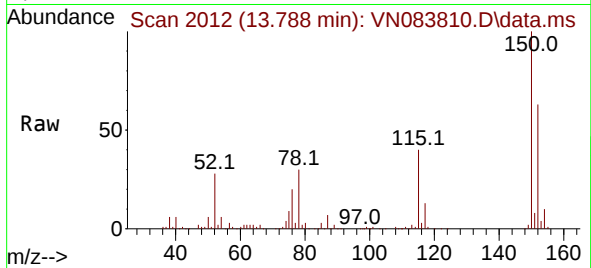
Tgt Ion:106 Resp: 12129
Ion Ratio Lower Upper
106 100
91 228.5 112.9 338.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN083810.D
 Acq: 11 Sep 2024 21:09

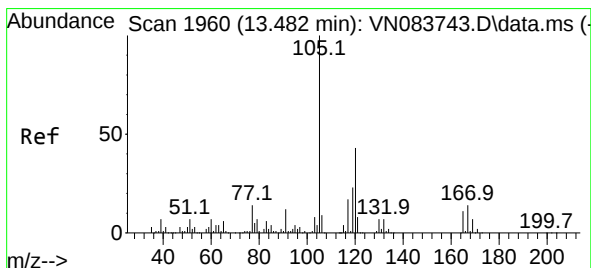
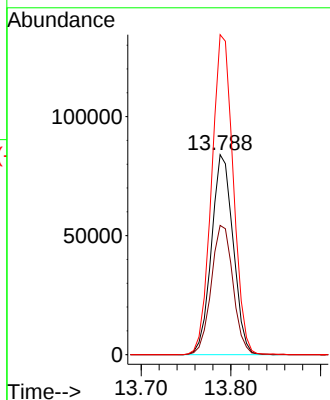
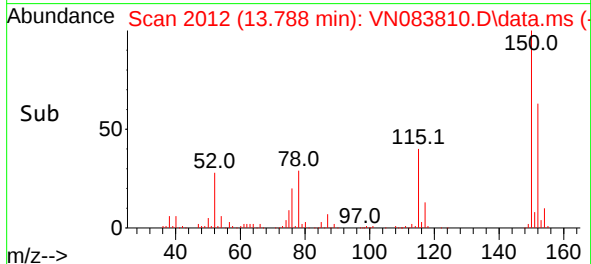
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-3



Tgt Ion:152 Resp: 141068
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.2 96.6
 150 159.6 0.0 348.6

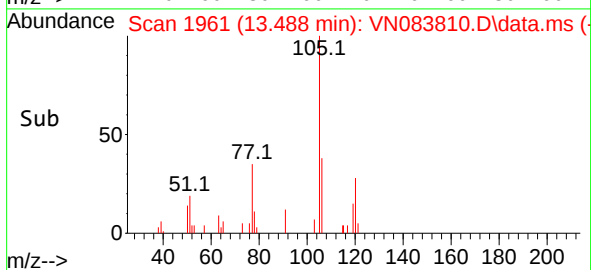
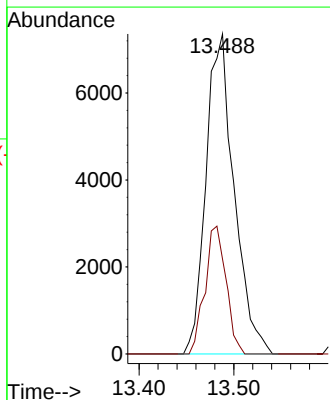
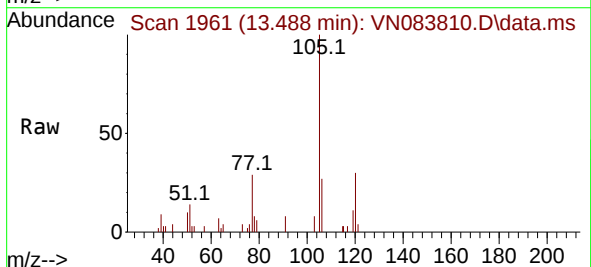
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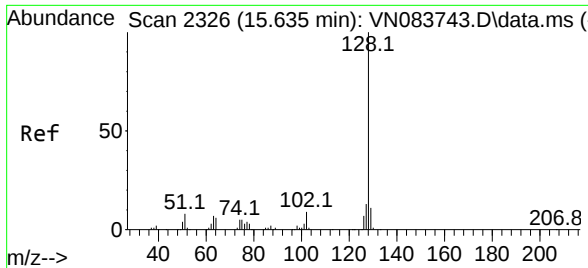
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 1.639 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN083810.D
 Acq: 11 Sep 2024 21:09

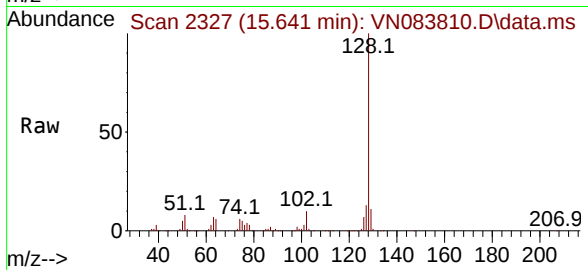
Tgt Ion:105 Resp: 15153
 Ion Ratio Lower Upper
 105 100
 120 29.9 21.8 65.4





#95
Naphthalene
Concen: 59.681 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083810.D
Acq: 11 Sep 2024 21:09

Instrument :
MSVOA_N
ClientSampleId :
SP-3



Tgt Ion:128 Resp: 466220
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

