

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083809.D
 Acq On : 11 Sep 2024 20:45
 Operator : JC\MD
 Sample : P3911-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 02:14:53 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	114083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96639	56.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.360%			
35) Dibromofluoromethane	8.165	113	76257	48.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.040%			
50) Toluene-d8	10.565	98	282869	51.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.847	95	136544	60.288	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.580%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	5153	22.370	ug/l #	79
16) Acetone	4.430	43	28562	41.419	ug/l	94
18) Methyl Acetate	5.024	43	5628	2.141	ug/l #	88
20) Methylene Chloride	5.277	84	5906	4.185	ug/l #	83
37) Ethyl Acetate	7.565	43	3564	1.643	ug/l #	89
40) Benzene	8.600	78	61577	8.560	ug/l	97
43) Isopropyl Acetate	8.688	43	212324m	54.008	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	15498	7.242	ug/l #	83
52) Toluene	10.629	92	43959	9.990	ug/l	100
68) m/p-Xylenes	12.065	106	16070	3.837	ug/l	98
69) o-Xylene	12.394	106	13425	3.312	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	17160	1.823	ug/l	79
95) Naphthalene	15.641	128	508539	63.917	ug/l	99

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

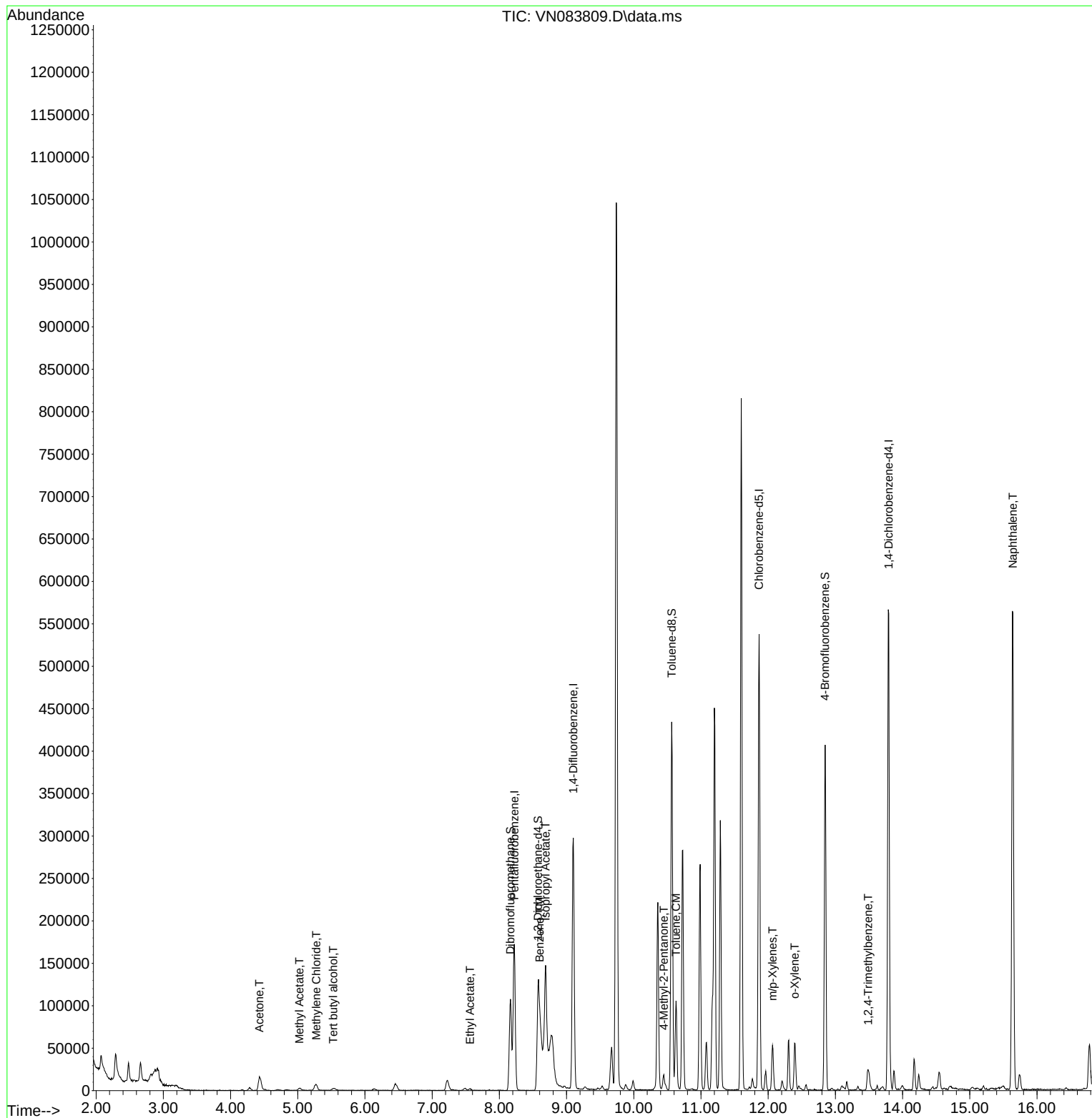
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
Data File : VN083809.D
Acq On : 11 Sep 2024 20:45
Operator : JC\MD
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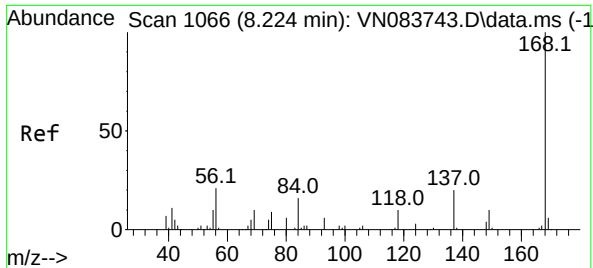
Instrument :
MSVOA_N
ClientSampleId :
SP-2

Quant Time: Sep 12 02:14:53 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
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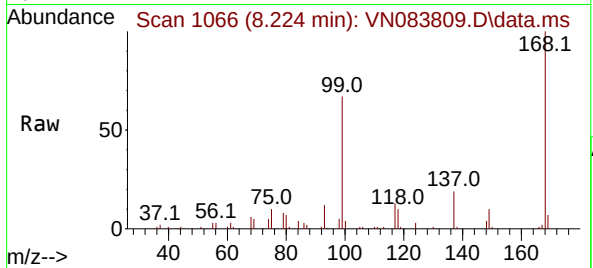
Reviewed By : John Carlone 09/12/2024
Supervised By : Mahesh Dadoda 09/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

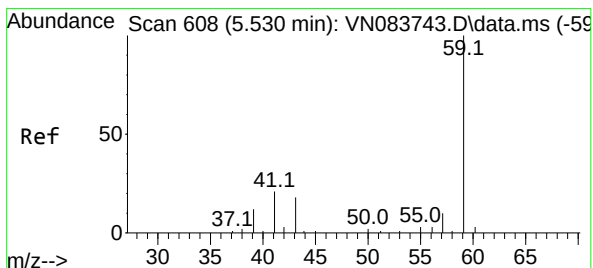
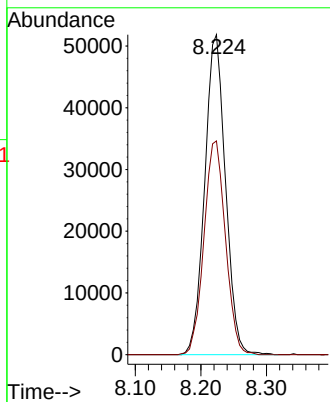
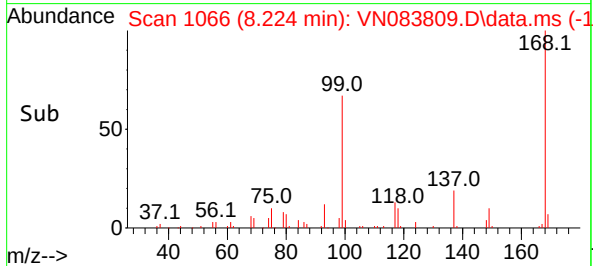
Instrument :
MSVOA_N
ClientSampleId :
SP-2



Tgt Ion:168 Resp: 11408
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2

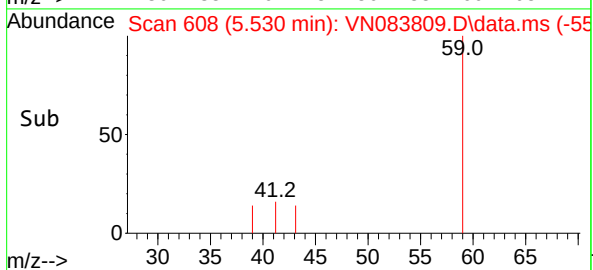
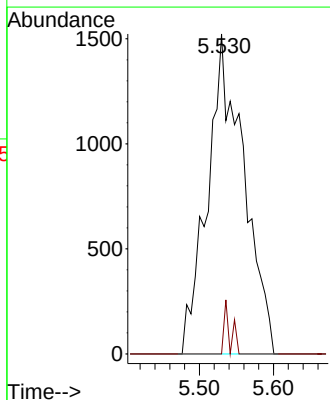
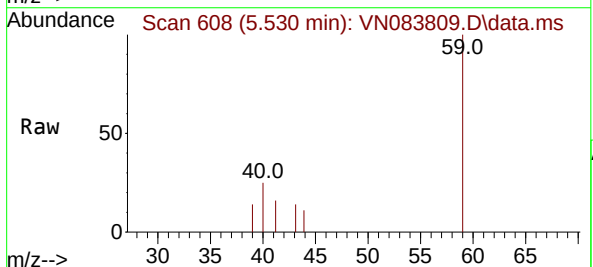
Manual Integrations
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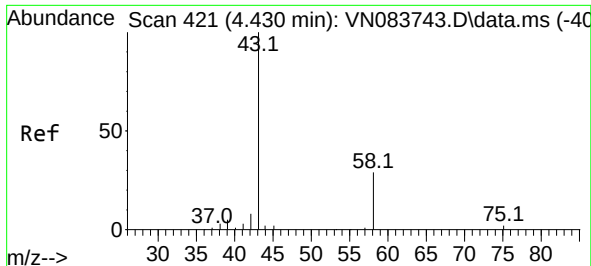
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#11
Tert butyl alcohol
Concen: 22.370 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

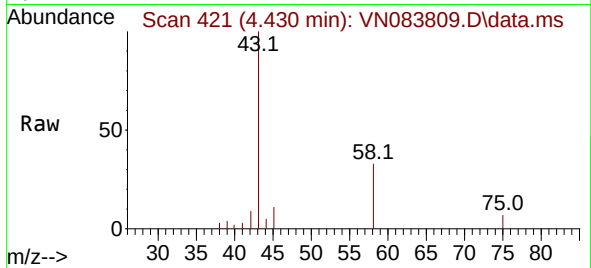
Tgt Ion: 59 Resp: 5153
Ion Ratio Lower Upper
59 100
57 2.9 8.7 13.1#





#16
Acetone
Concen: 41.419 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

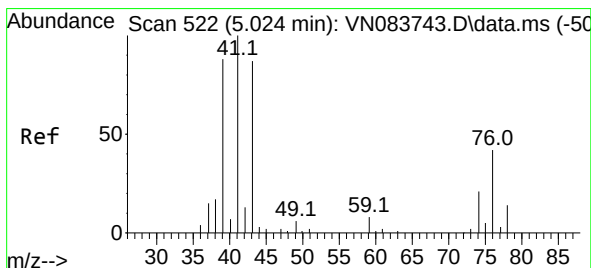
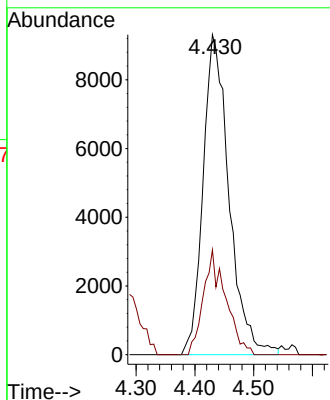
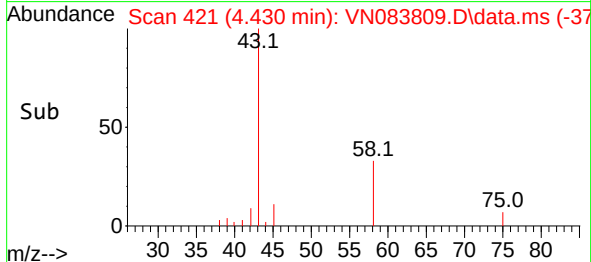
Instrument :
MSVOA_N
ClientSampleId :
SP-2



Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
58 32.7 23.7 35.5

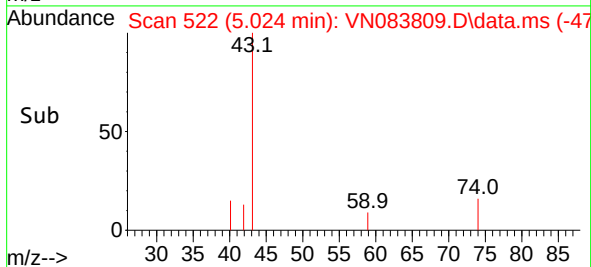
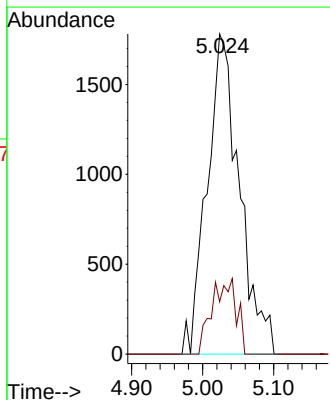
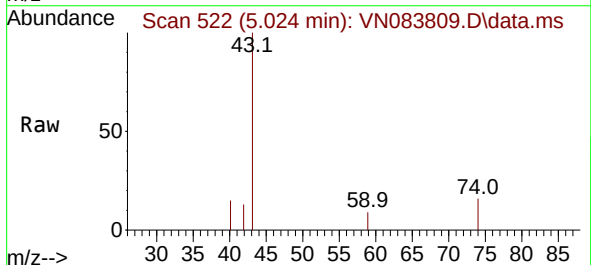
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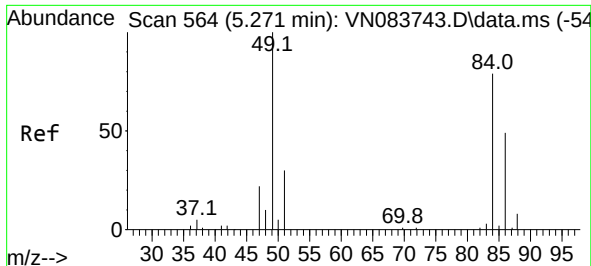
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#18
Methyl Acetate
Concen: 2.141 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

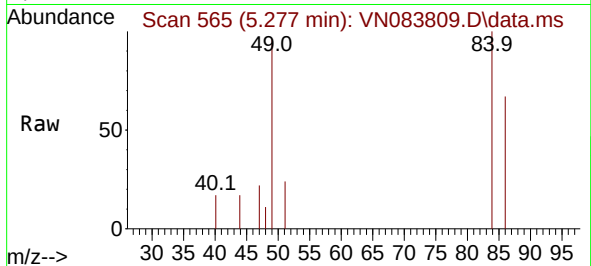
Tgt Ion: 43 Resp: 5628
Ion Ratio Lower Upper
43 100
74 17.8 19.0 28.4#





#20
Methylene Chloride
Concen: 4.185 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

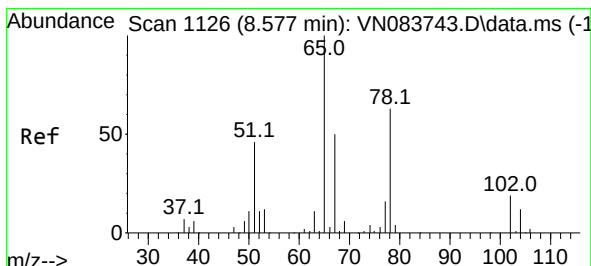
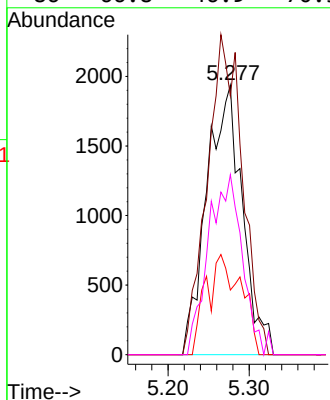
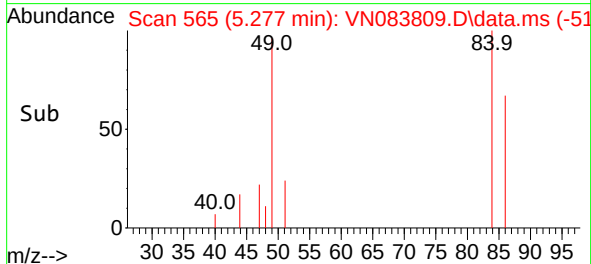
Instrument :
MSVOA_N
ClientSampleId :
SP-2



Tgt Ion: 84	Resp: 5900
Ion Ratio	Lower Upper
84 100	
49 96.0	93.4 140.0
51 24.0	29.2 43.8
86 66.8	46.9 70.3

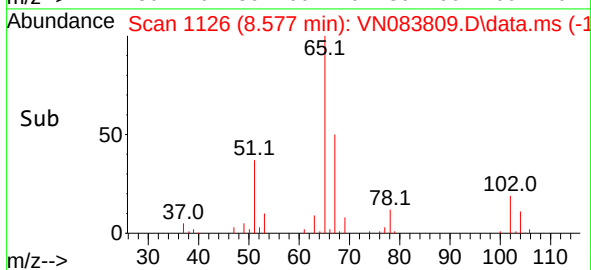
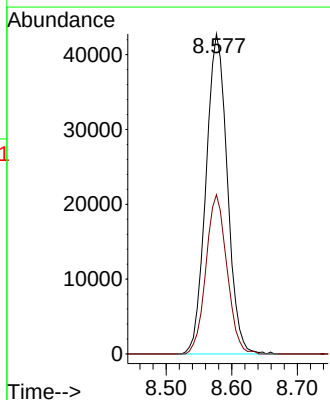
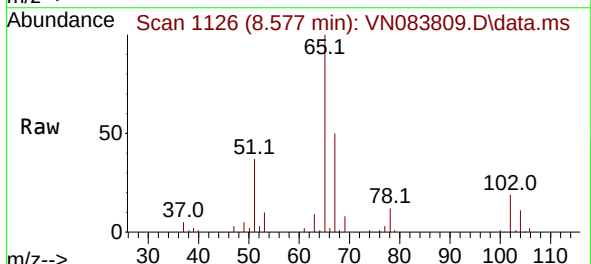
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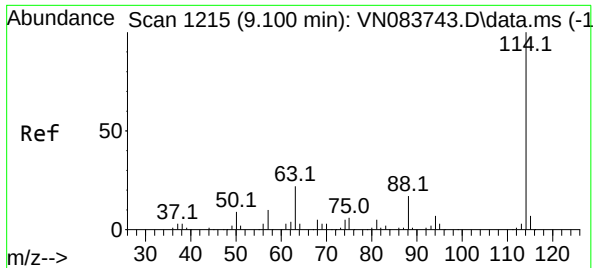
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#33
1,2-Dichloroethane-d4
Concen: 56.179 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

Tgt Ion: 65	Resp: 96639
Ion Ratio	Lower Upper
65 100	
67 48.9	0.0 100.8





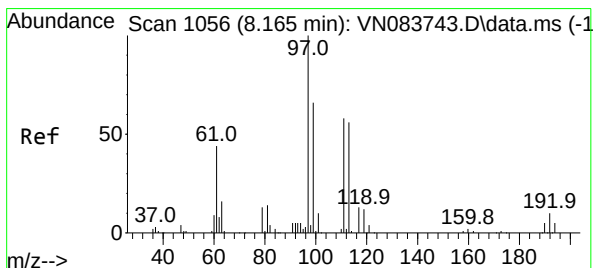
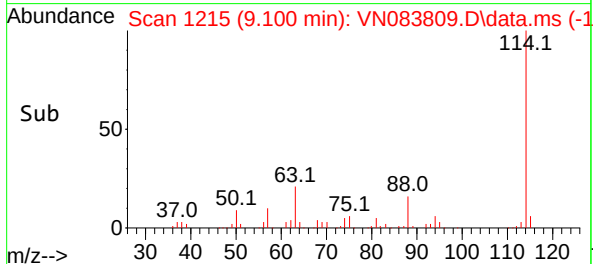
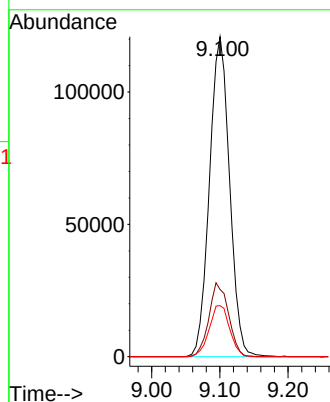
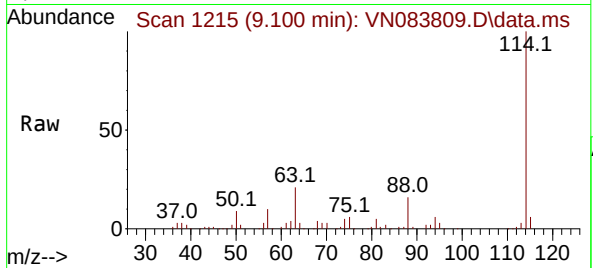
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Tgt Ion:114 Resp: 24804
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 15.9 0.0 32.6

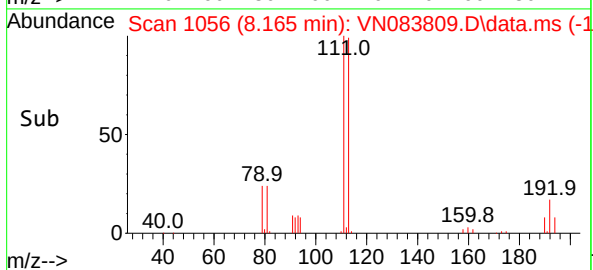
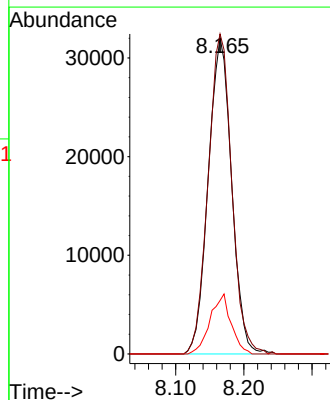
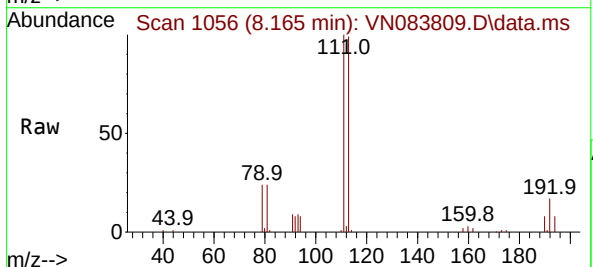
Manual Integrations
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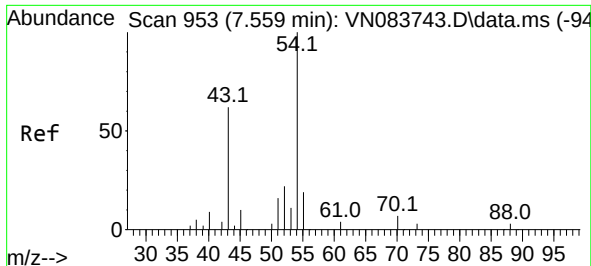
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#35
Dibromofluoromethane
Concen: 48.023 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

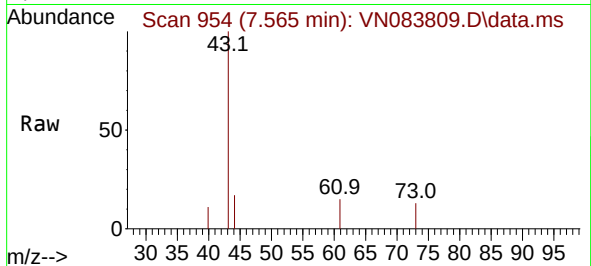
Tgt Ion:113 Resp: 76257
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.1 14.3 21.5





#37
Ethyl Acetate
Concen: 1.643 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

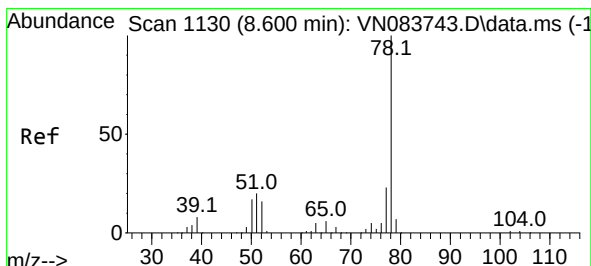
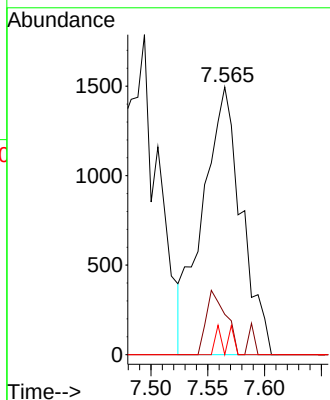
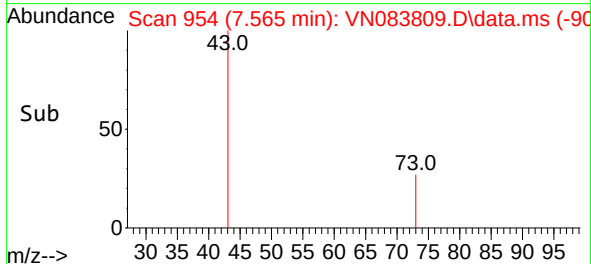
Instrument :
MSVOA_N
ClientSampleId :
SP-2



Tgt Ion: 43 Resp: 3564
Ion Ratio Lower Upper
43 100
61 12.2 11.1 16.7
70 3.2 8.8 13.2

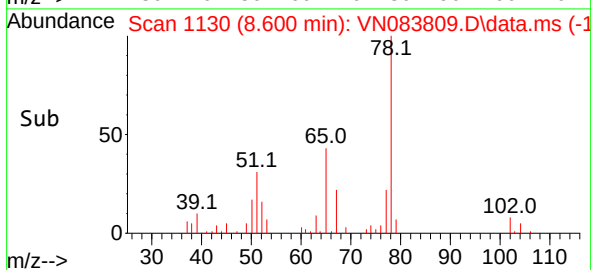
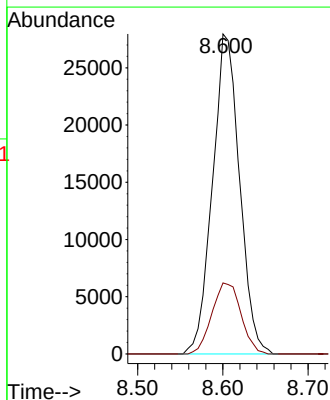
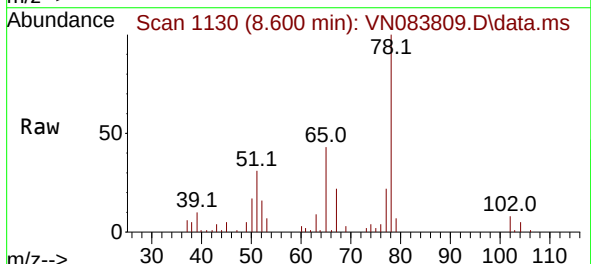
Manual Integrations
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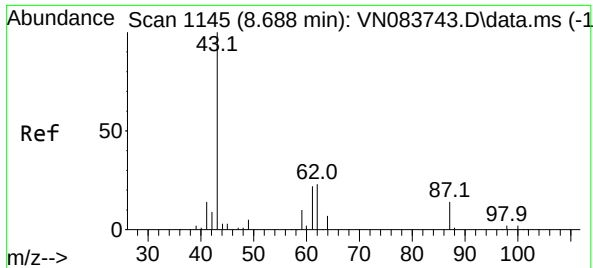
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#40
Benzene
Concen: 8.560 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

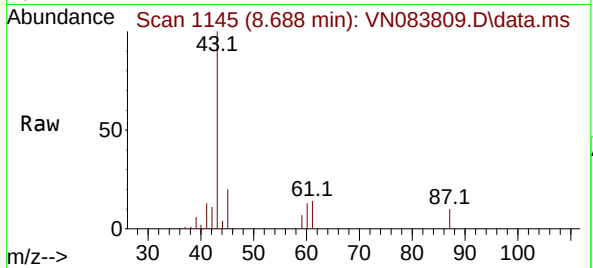
Tgt Ion: 78 Resp: 61577
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6





#43
Isopropyl Acetate
Concen: 54.008 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

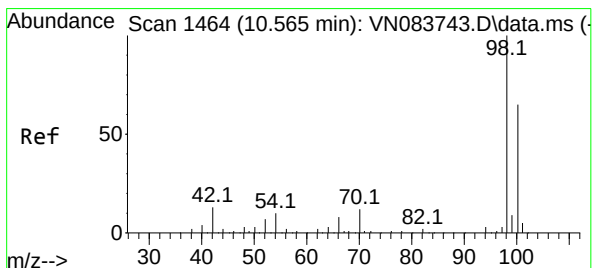
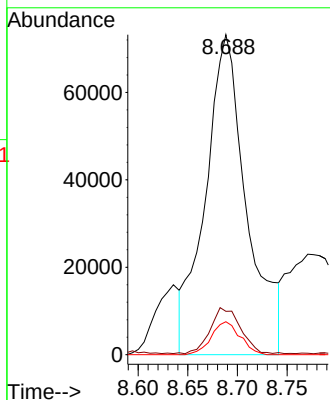
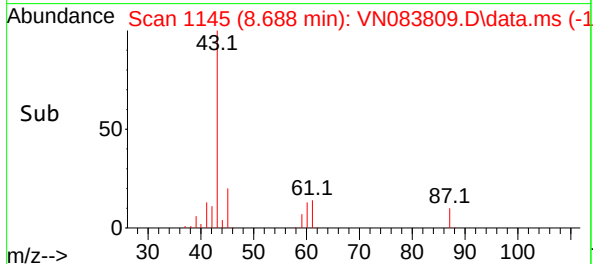
Instrument :
MSVOA_N
ClientSampleId :
SP-2



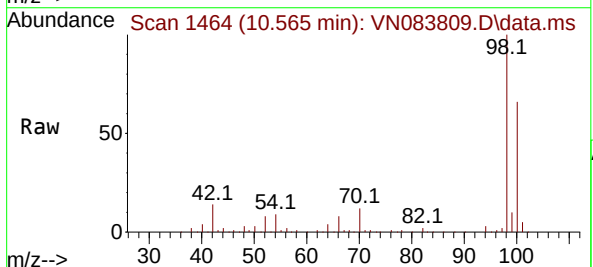
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Ion Ratio Lower Upper
43 100
61 11.4 19.4 29.0
87 7.1 9.8 14.6

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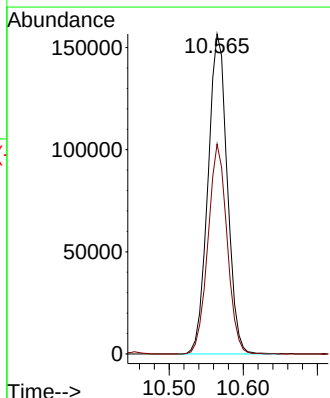
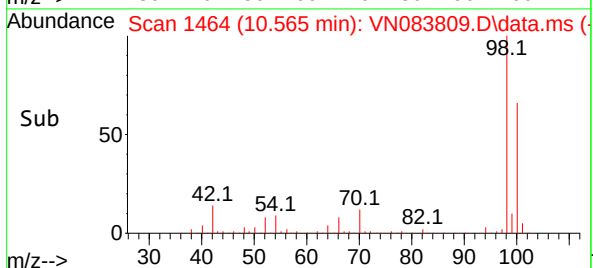
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

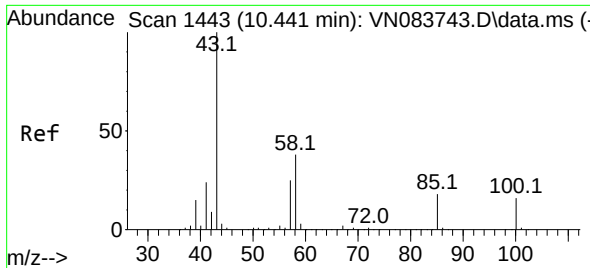


#50
Toluene-d8
Concen: 51.528 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45



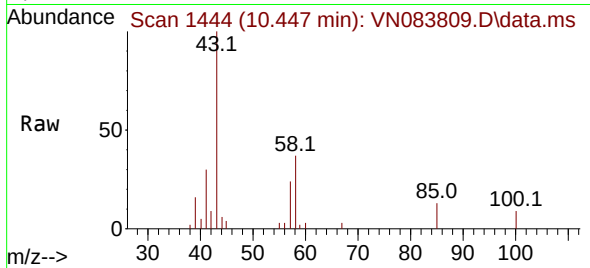
Tgt Ion: 98 Resp: 282869
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 7.242 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

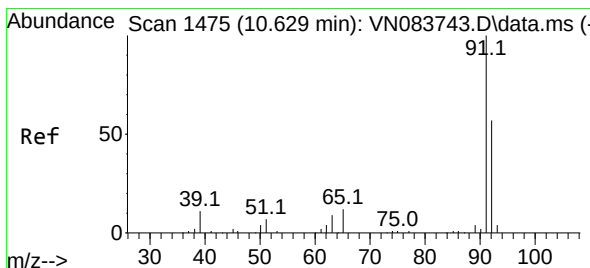
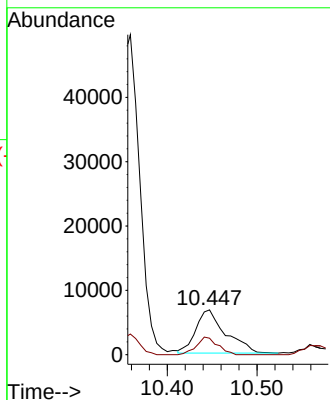
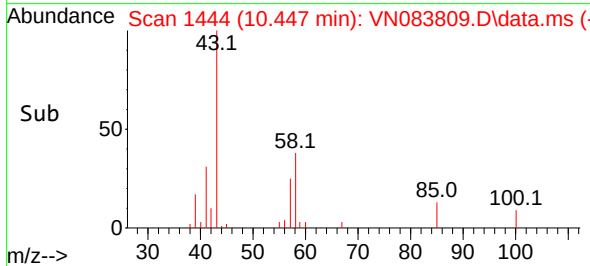
Instrument :
MSVOA_N
ClientSampleId :
SP-2



Tgt Ion: 43 Resp: 15498
Ion Ratio Lower Upper
43 100
58 28.9 31.6 47.4

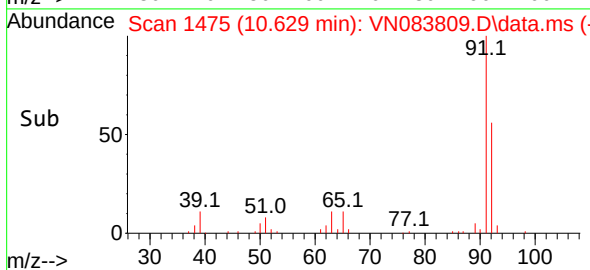
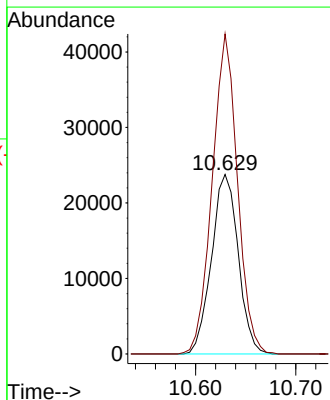
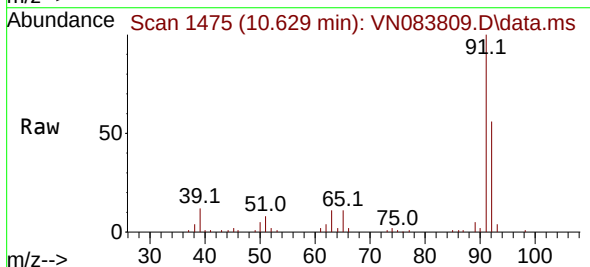
Manual Integrations
APPROVED

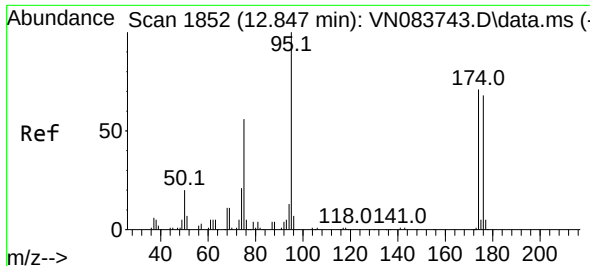
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#52
Toluene
Concen: 9.990 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

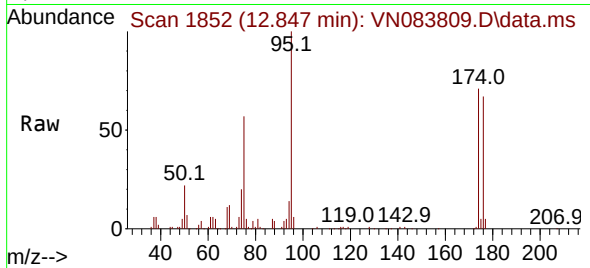
Tgt Ion: 92 Resp: 43959
Ion Ratio Lower Upper
92 100
91 168.5 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 60.288 ug/l
RT: 12.847 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

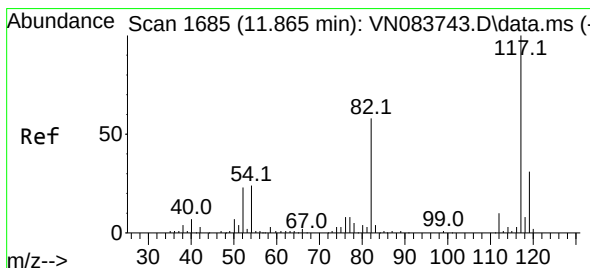
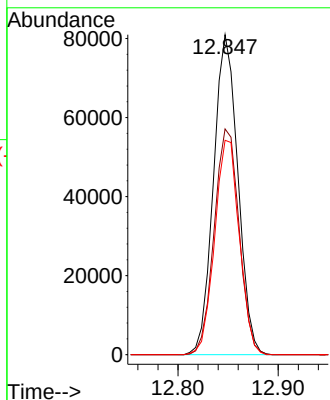
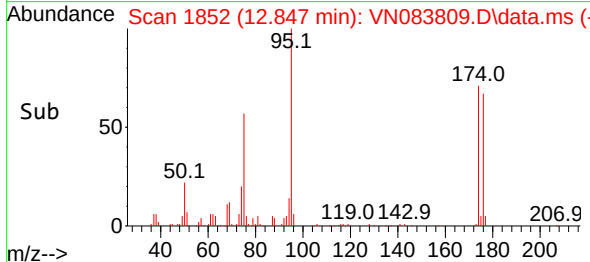
Instrument :
MSVOA_N
ClientSampleId :
SP-2



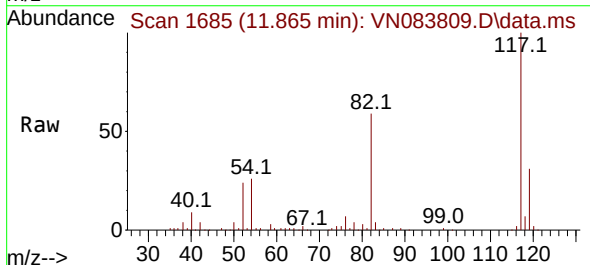
Tgt Ion: 95 Resp: 136544
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.0 0.0 131.4

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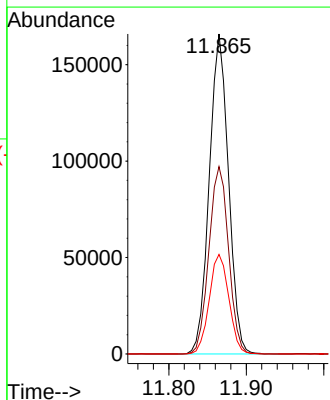
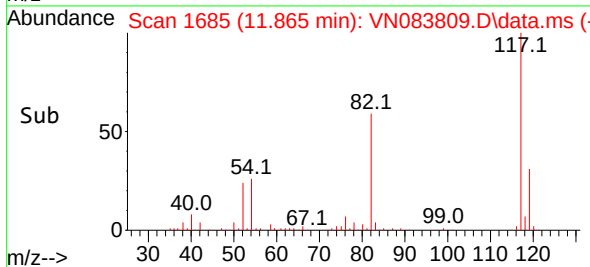
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

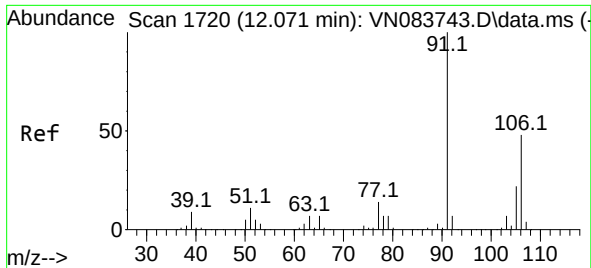


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45



Tgt Ion:117 Resp: 285692
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.0
119 31.1 26.3 39.5





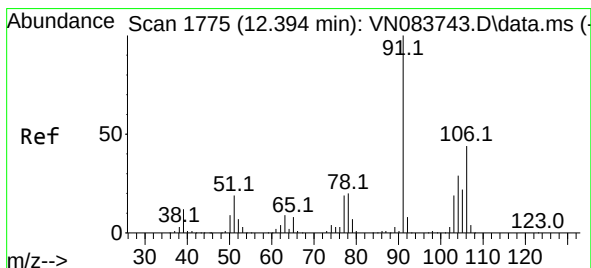
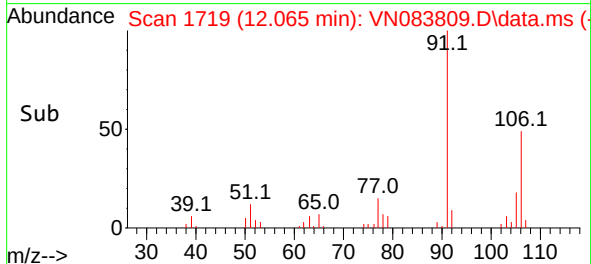
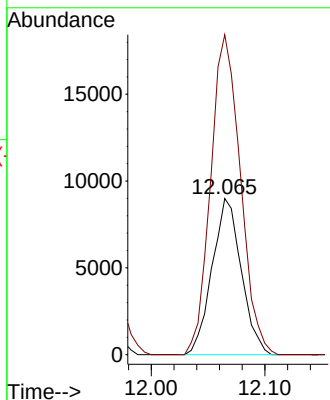
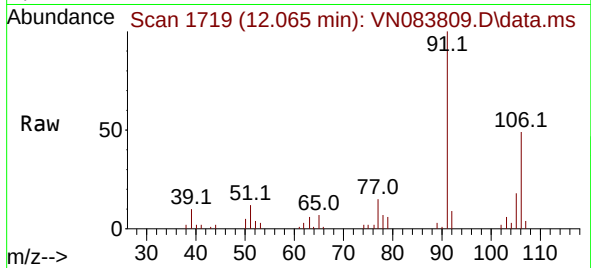
#68
m/p-Xylenes
Concen: 3.837 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

Instrument :
MSVOA_N
ClientSampleId :
SP-2

Tgt Ion:106 Resp: 16070
Ion Ratio Lower Upper
106 100
91 208.9 169.2 253.8

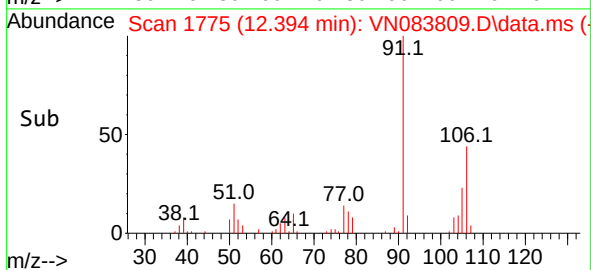
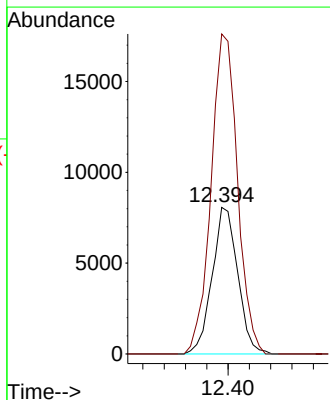
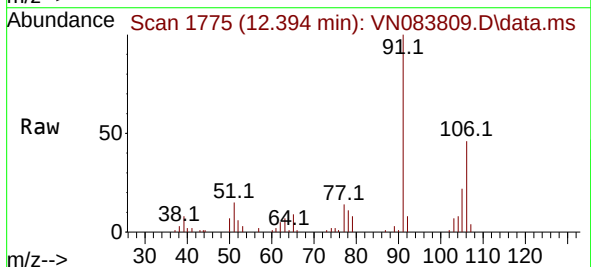
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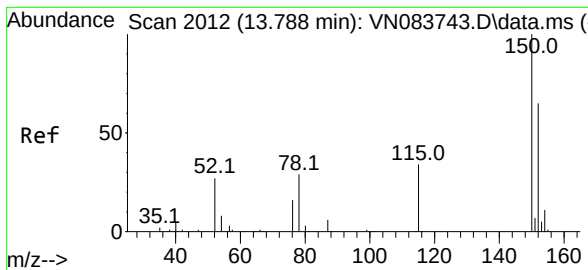
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#69
o-Xylene
Concen: 3.312 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

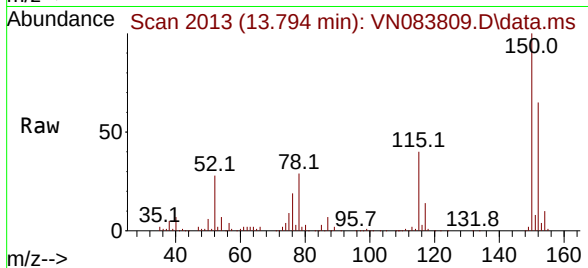
Tgt Ion:106 Resp: 13425
Ion Ratio Lower Upper
106 100
91 225.8 112.9 338.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

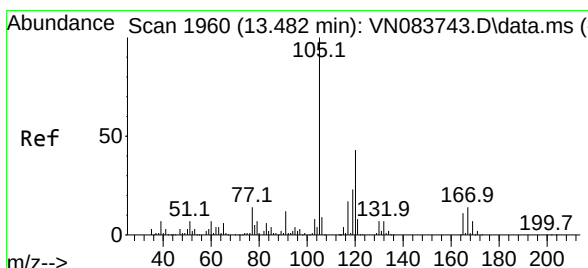
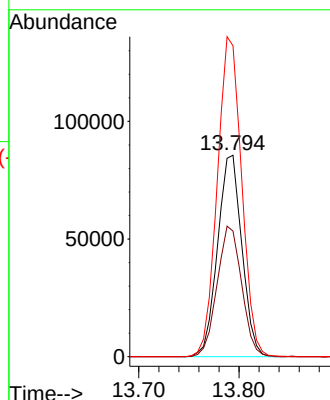
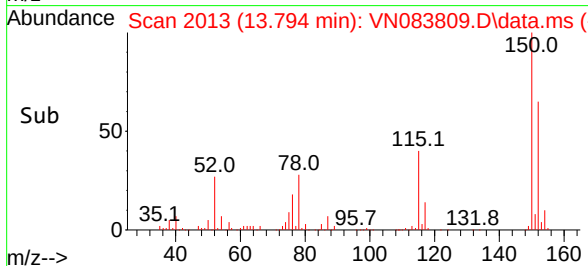
Instrument :
MSVOA_N
ClientSampleId :
SP-2



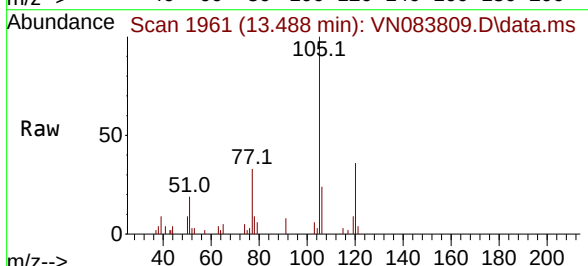
Tgt Ion:152 Resp: 143670
Ion Ratio Lower Upper
152 100
115 65.5 32.2 96.6
150 159.3 0.0 348.6

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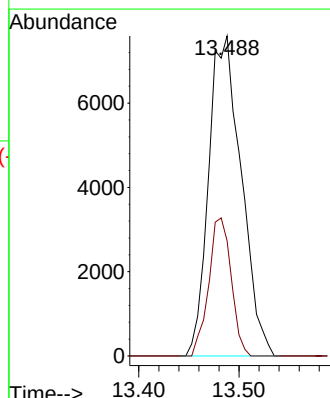
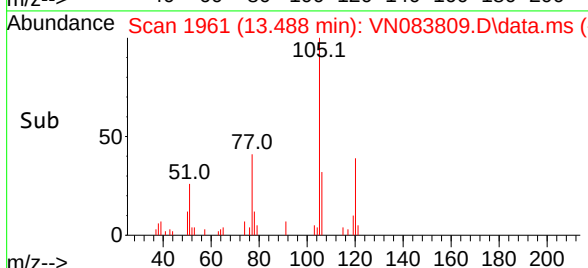
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

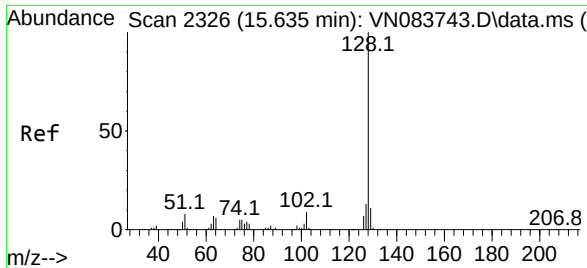


#84
1,2,4-Trimethylbenzene
Concen: 1.823 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45



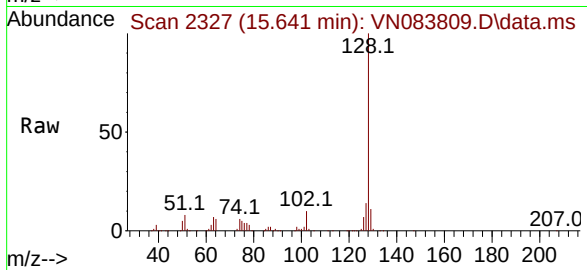
Tgt Ion:105 Resp: 17160
Ion Ratio Lower Upper
105 100
120 29.8 21.8 65.4





#95
Naphthalene
Concen: 63.917 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083809.D
Acq: 11 Sep 2024 20:45

Instrument :
MSVOA_N
ClientSampleId :
SP-2



Tgt Ion:128 Resp: 508539
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.7 13.1

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

