

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083808.D
 Acq On : 11 Sep 2024 20:21
 Operator : JC\MD
 Sample : P3911-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 02:14:17 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	113231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94444	55.316	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	110.640%		
35) Dibromofluoromethane	8.165	113	72803	46.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	10.565	98	272508	50.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.847	95	131234	58.845	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	117.680%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	19953	29.152	ug/l	99
18) Methyl Acetate	5.030	43	5165	1.834	ug/l	94
20) Methylene Chloride	5.265	84	5029	3.591	ug/l	92
37) Ethyl Acetate	7.559	43	3267	1.529	ug/l #	85
40) Benzene	8.600	78	19631	2.771	ug/l	92
43) Isopropyl Acetate	8.688	43	191044m	49.350	ug/l	
52) Toluene	10.629	92	14931	3.446	ug/l	99
69) o-Xylene	12.394	106	6673	1.686	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	11365	1.266	ug/l	82
95) Naphthalene	15.641	128	249641	32.895	ug/l	100

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

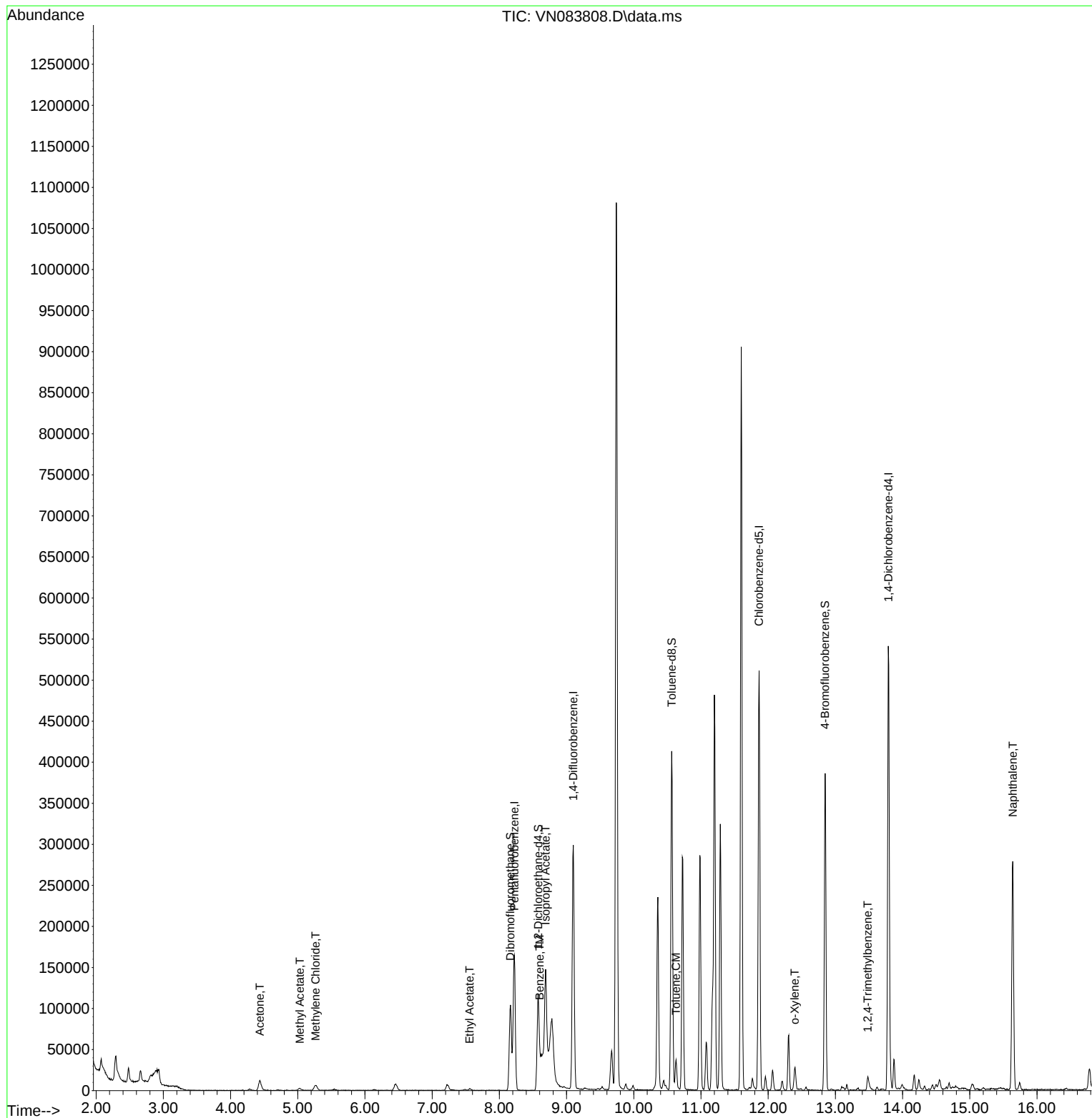
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
Data File : VN083808.D
Acq On : 11 Sep 2024 20:21
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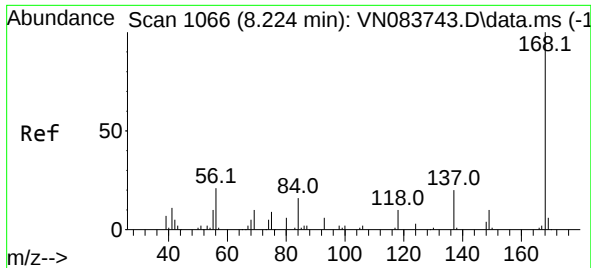
Instrument :
MSVOA_N
ClientSampleId :
SP-1

Quant Time: Sep 12 02:14:17 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

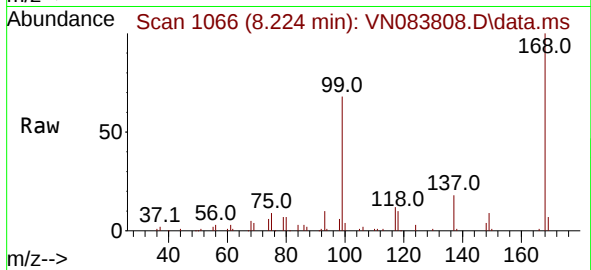
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

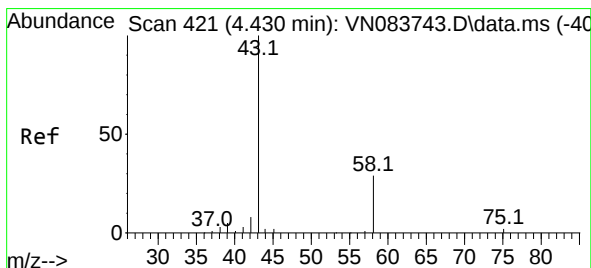
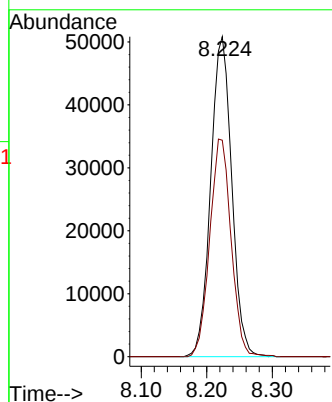
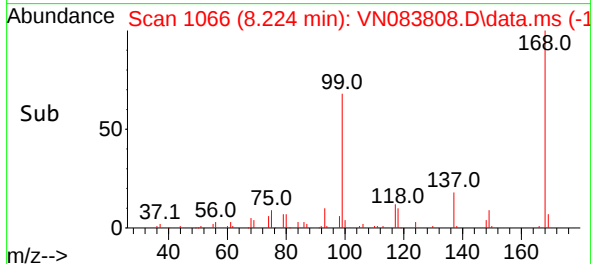
Instrument :
MSVOA_N
ClientSampleId :
SP-1



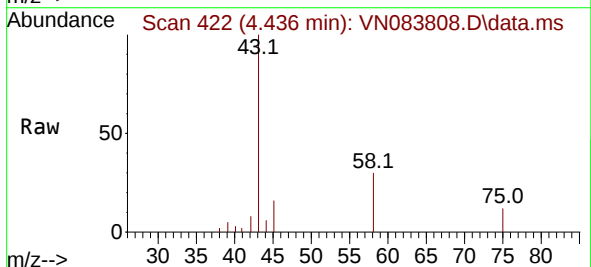
Tgt Ion:168 Resp: 11323
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2

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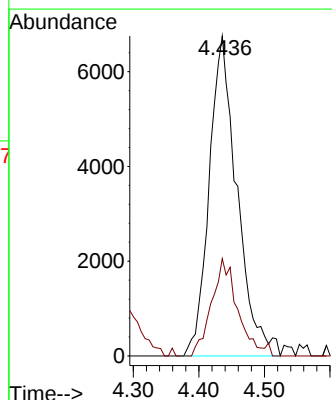
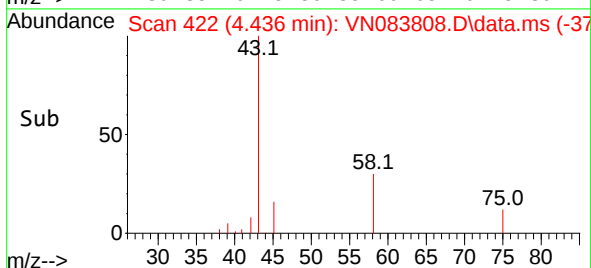
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

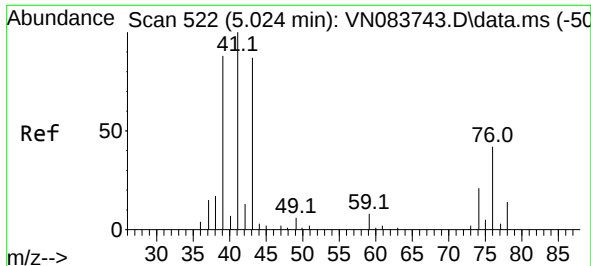


#16
Acetone
Concen: 29.152 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21



Tgt Ion: 43 Resp: 19953
Ion Ratio Lower Upper
43 100
58 30.4 23.7 35.5





#18

Methyl Acetate

Concen: 1.834 ug/l

RT: 5.030 min Scan# 516

Delta R.T. 0.006 min

Lab File: VN083808.D

Acq: 11 Sep 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

SP-1

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

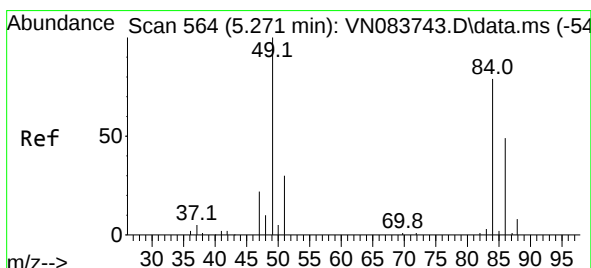
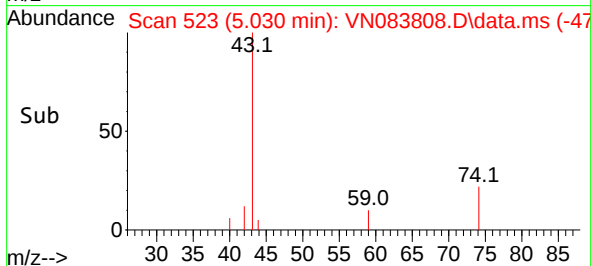
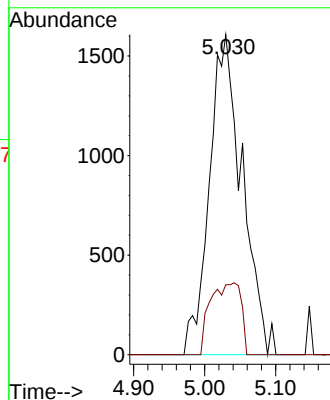
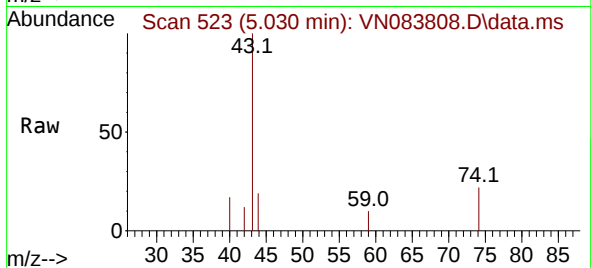
74 20.8 19.0 28.4

Manual Integrations

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#20

Methylene Chloride

Concen: 3.591 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN083808.D

Acq: 11 Sep 2024 20:21

Tgt Ion: 84 Resp: 5029

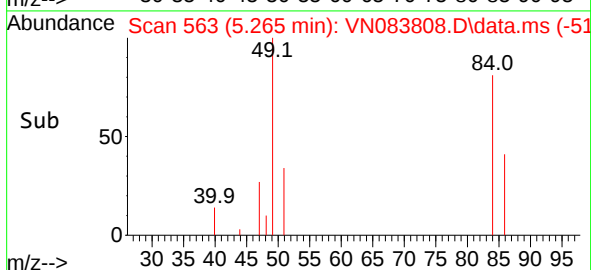
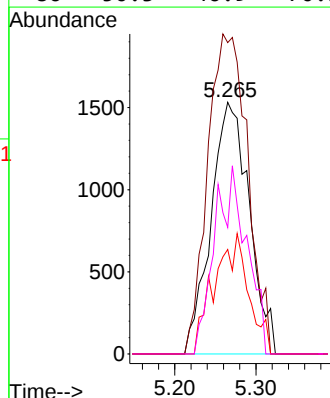
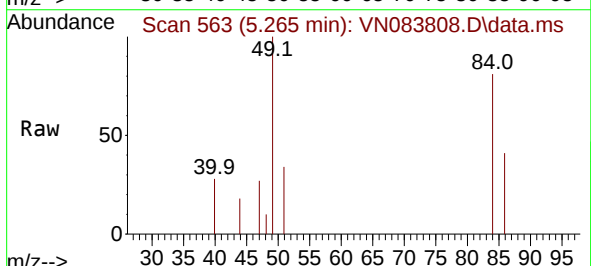
Ion Ratio Lower Upper

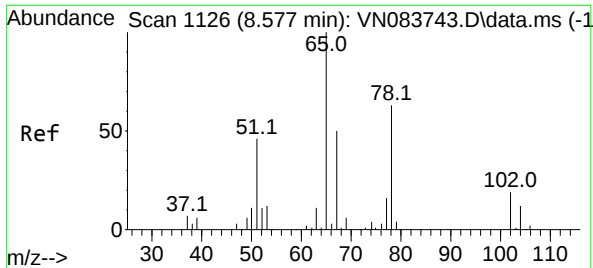
84 100

49 123.7 93.4 140.0

51 41.5 29.2 43.8

86 50.3 46.9 70.3





#33

1,2-Dichloroethane-d4

Concen: 55.316 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083808.D

Acq: 11 Sep 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

SP-1

Tgt Ion: 65 Resp: 9444

Ion Ratio Lower Upper

65 100

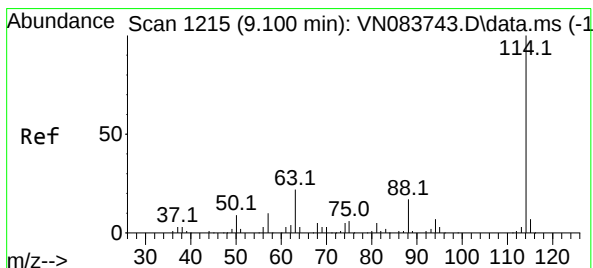
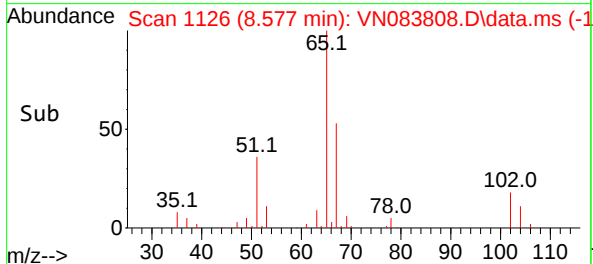
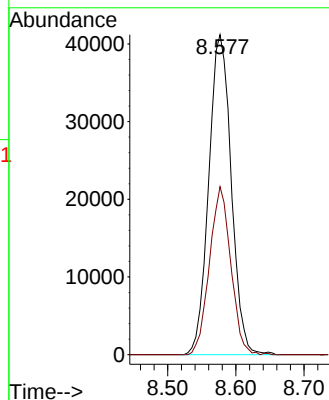
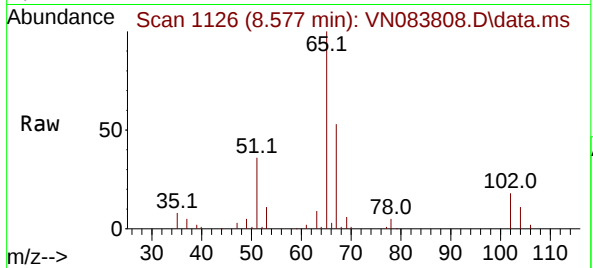
67 49.6 0.0 100.8

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: VN083808.D

Acq: 11 Sep 2024 20:21

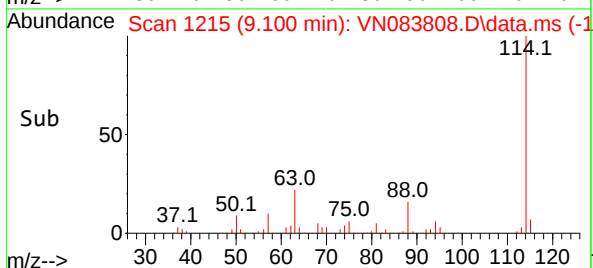
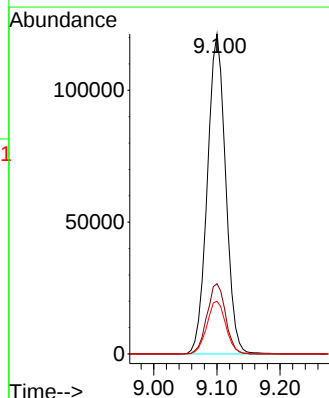
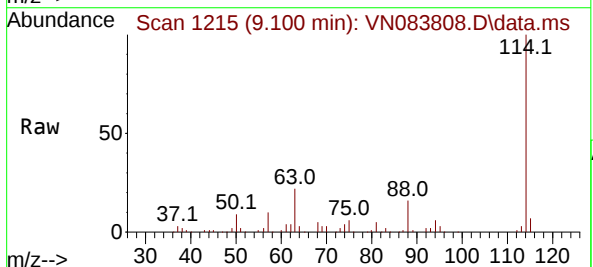
Tgt Ion:114 Resp: 244243

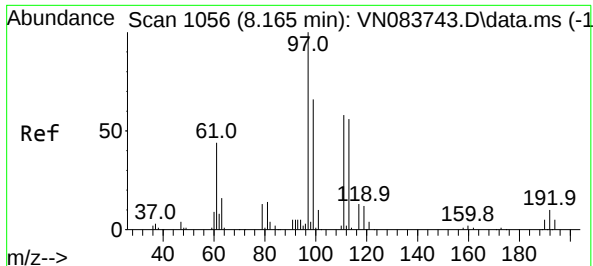
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.561 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083808.D

Acq: 11 Sep 2024 20:21

Instrument :

MSVOA_N

ClientSampleId :

SP-1

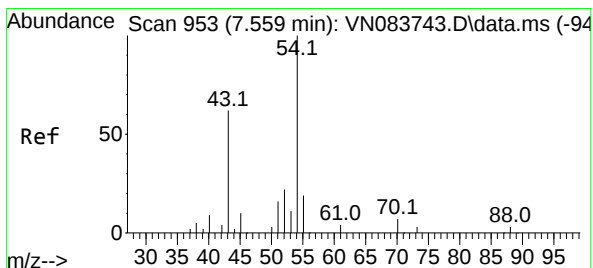
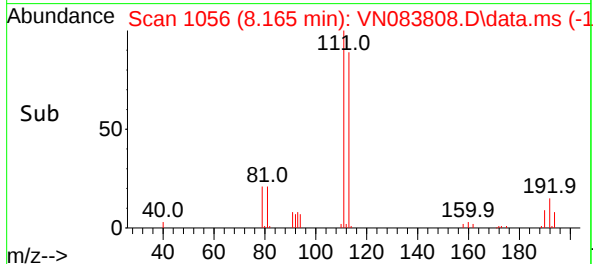
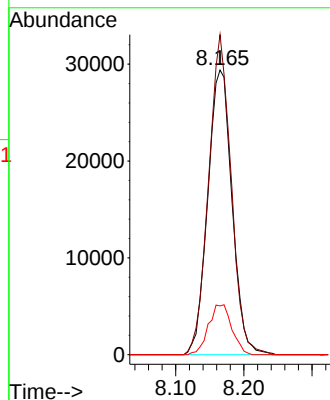
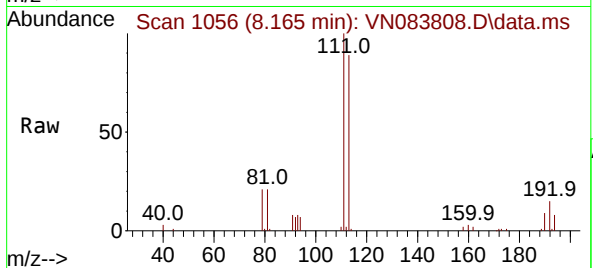
Tgt Ion:	113	Resp:	7280
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	16.9	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#37

Ethyl Acetate

Concen: 1.529 ug/l

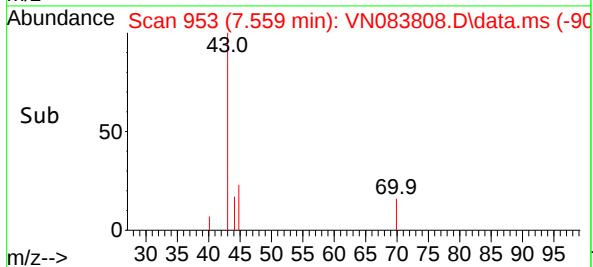
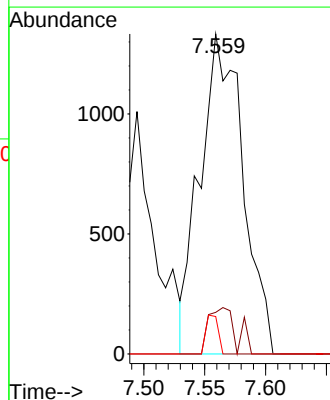
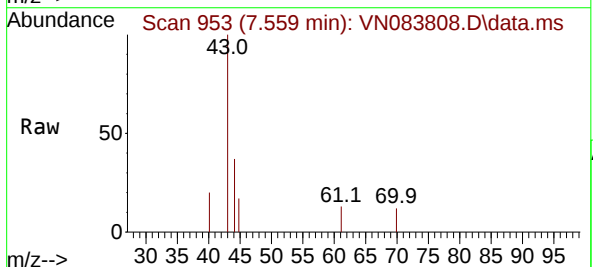
RT: 7.559 min Scan# 953

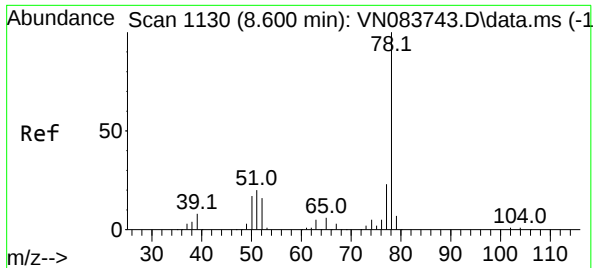
Delta R.T. 0.000 min

Lab File: VN083808.D

Acq: 11 Sep 2024 20:21

Tgt Ion:	43	Resp:	3267
Ion	Ratio	Lower	Upper
43	100		
61	9.3	11.1	16.7#
70	3.4	8.8	13.2#





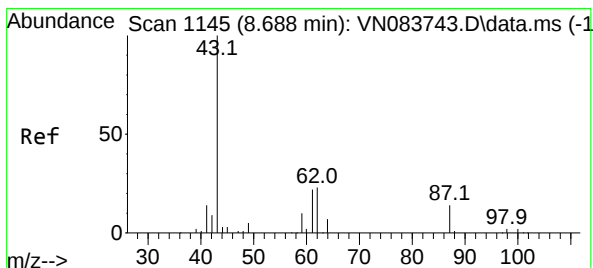
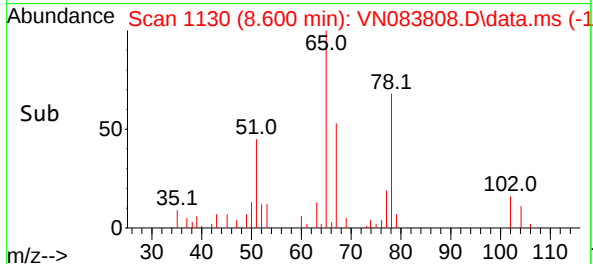
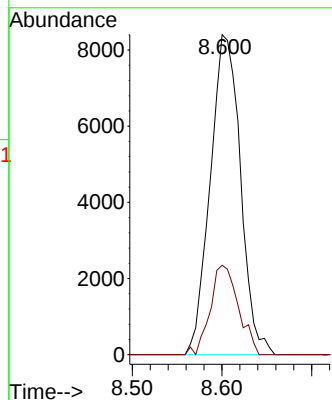
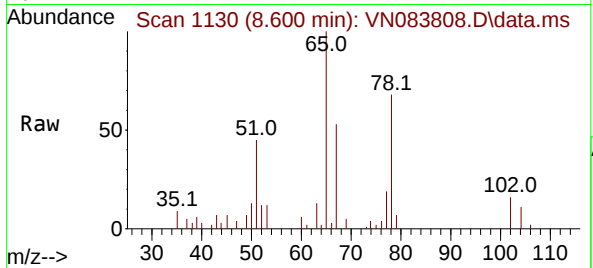
#40
Benzene
Concen: 2.771 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :
SP-1

Tgt Ion: 78 Resp: 1963
Ion Ratio Lower Upper
78 100
77 28.0 19.0 28.6

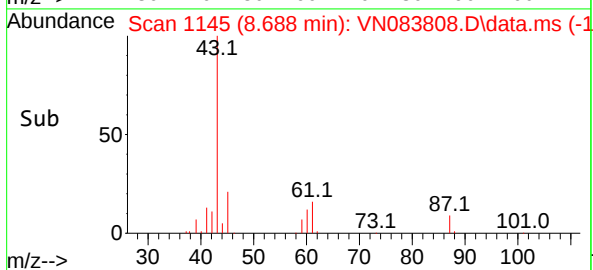
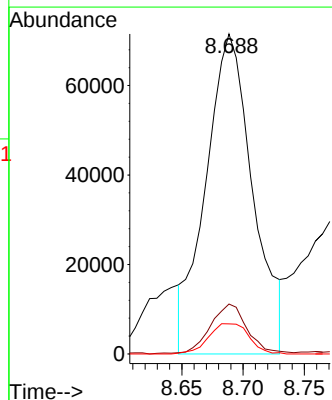
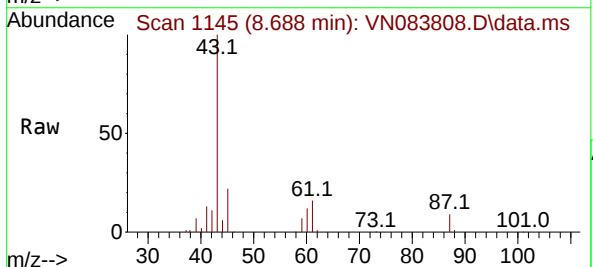
Manual Integrations
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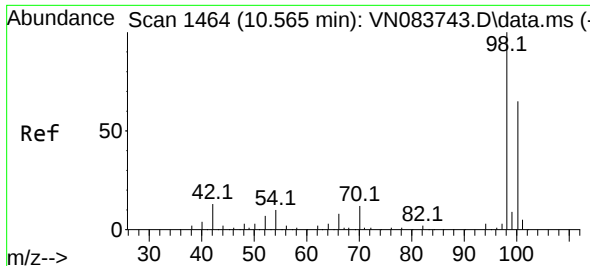
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#43
Isopropyl Acetate
Concen: 49.350 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

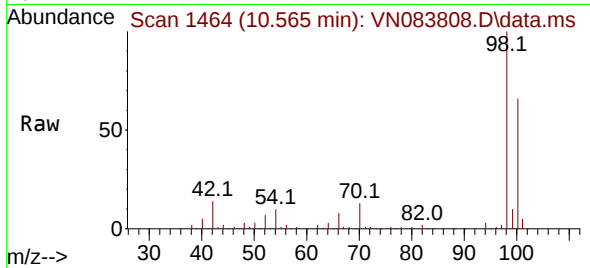
Tgt Ion: 43 Resp: 191044
Ion Ratio Lower Upper
43 100
61 12.4 19.4 29.0#
87 8.1 9.8 14.6#





#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

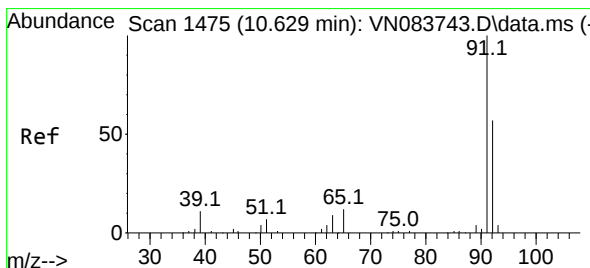
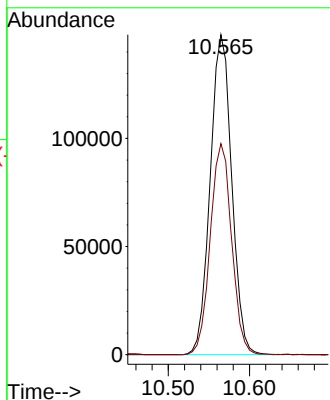
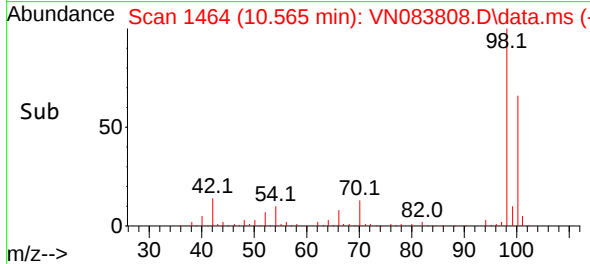
Instrument :
MSVOA_N
ClientSampleId :
SP-1



Tgt Ion: 98 Resp: 272508
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

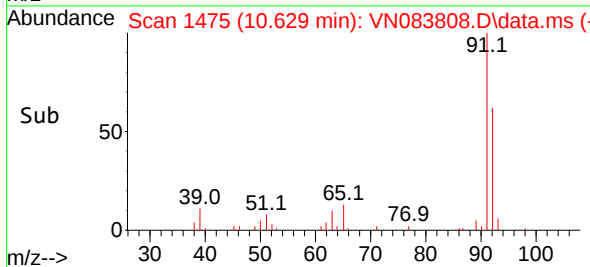
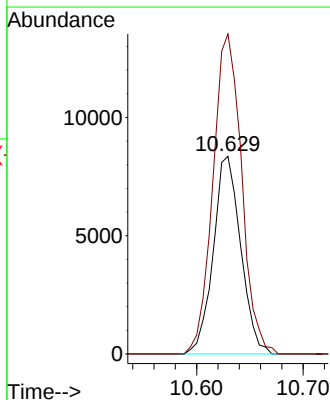
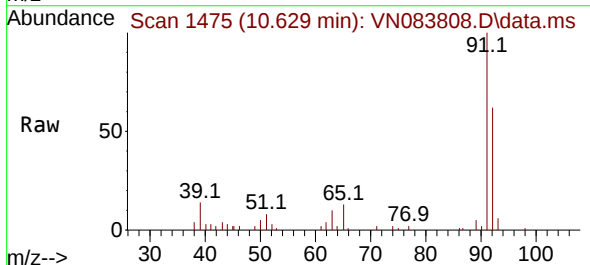
Manual Integrations
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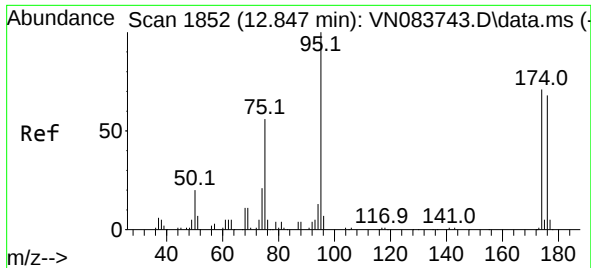
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#52
Toluene
Concen: 3.446 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

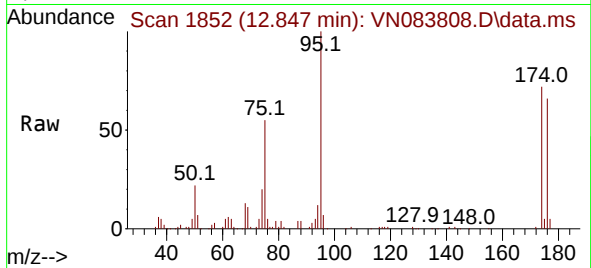
Tgt Ion: 92 Resp: 14931
Ion Ratio Lower Upper
92 100
91 169.3 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 58.845 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

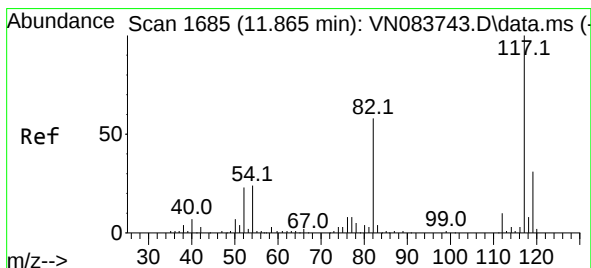
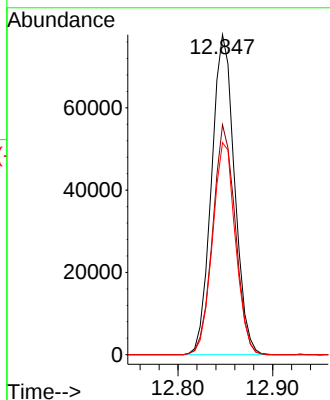
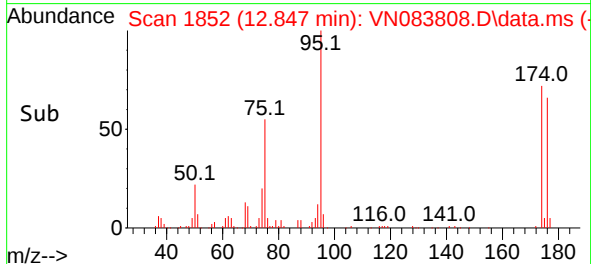
Instrument :
MSVOA_N
ClientSampleId :
SP-1



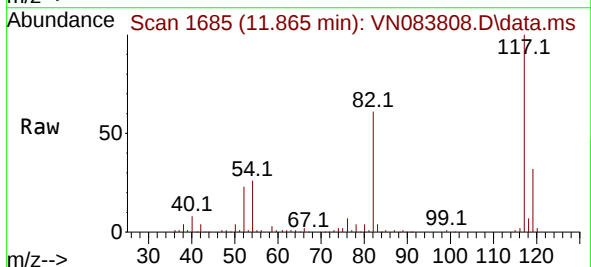
Tgt Ion: 95 Resp: 131234
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 66.2 0.0 131.4

Manual Integrations
APPROVED

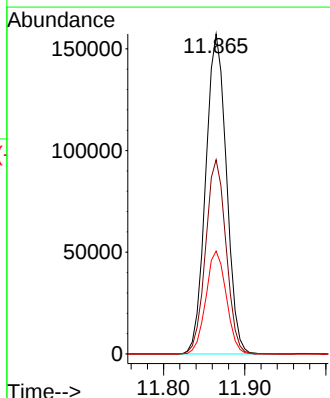
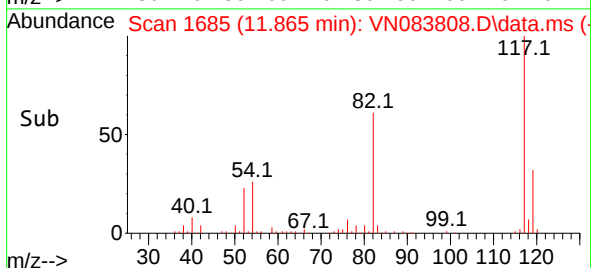
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

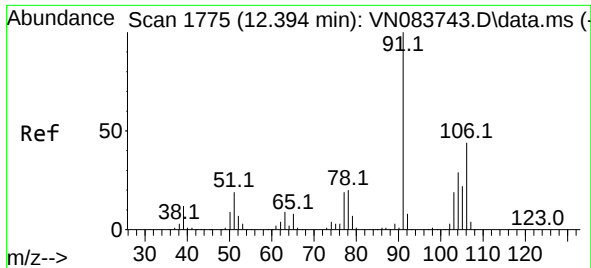


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21



Tgt Ion:117 Resp: 278870
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.2 26.3 39.5





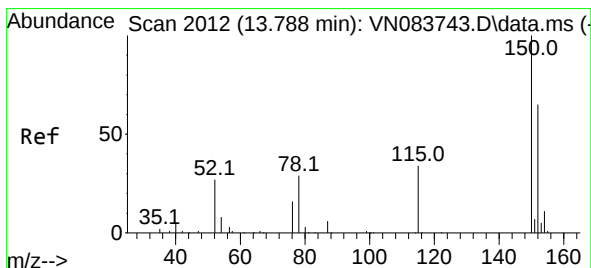
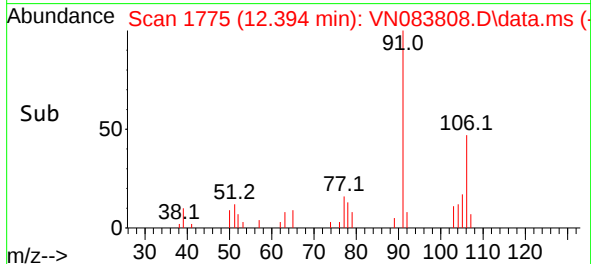
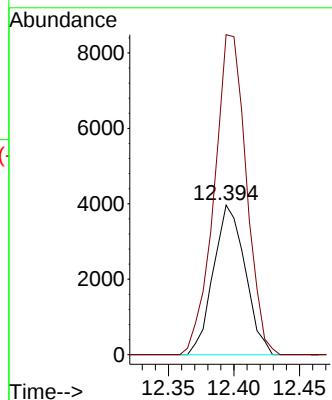
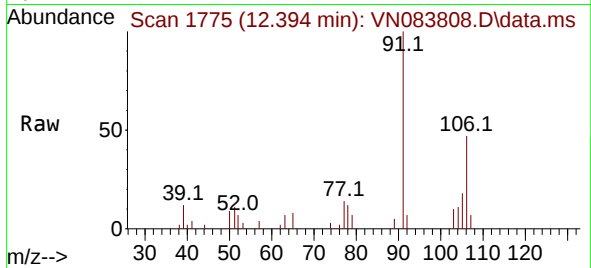
#69
o-Xylene
Concen: 1.686 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

Instrument :
MSVOA_N
ClientSampleId :
SP-1

Tgt Ion:106 Resp: 667
Ion Ratio Lower Upper
106 100
91 216.7 112.9 338.6

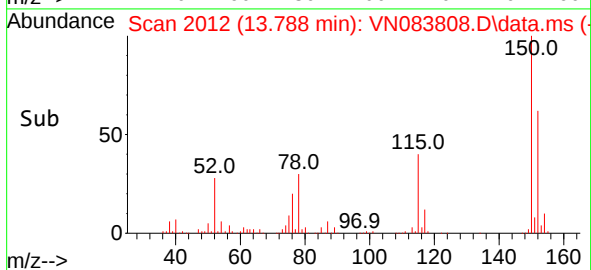
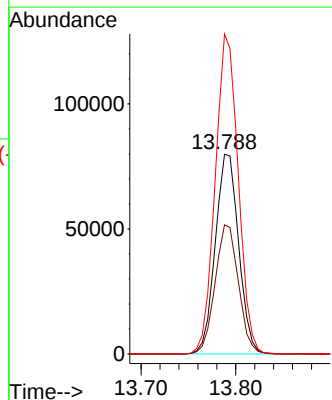
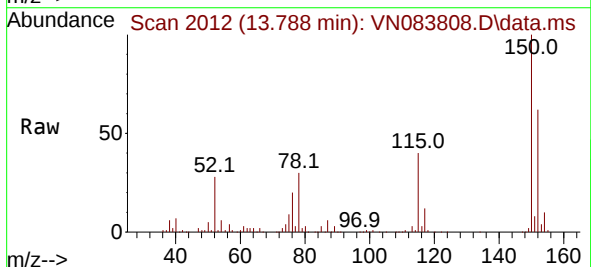
Manual Integrations
APPROVED

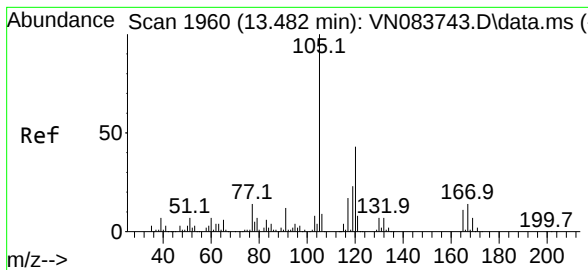
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

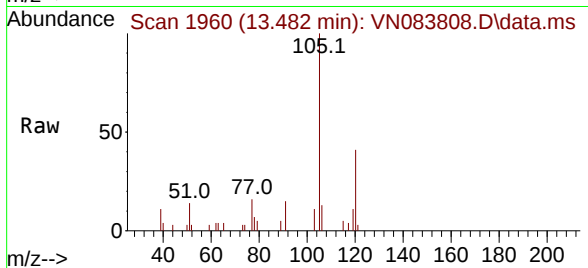
Tgt Ion:152 Resp: 137042
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 157.9 0.0 348.6





#84
1,2,4-Trimethylbenzene
Concen: 1.266 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21

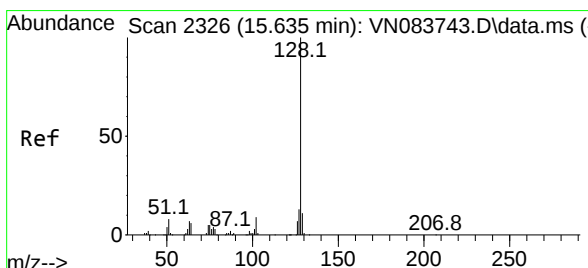
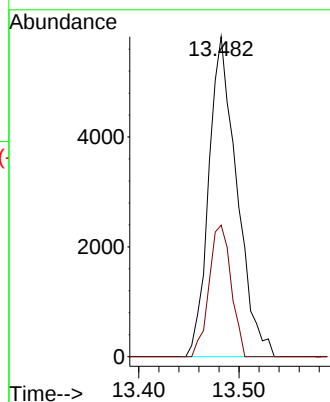
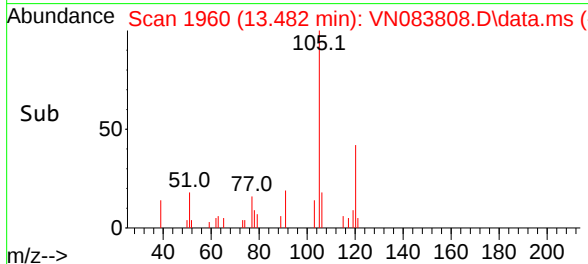
Instrument :
MSVOA_N
ClientSampleId :
SP-1



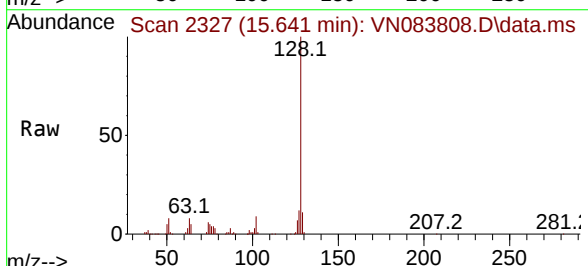
Tgt Ion:105 Resp: 1136
Ion Ratio Lower Upper
105 100
120 32.3 21.8 65.4

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 32.895 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083808.D
Acq: 11 Sep 2024 20:21



Tgt Ion:128 Resp: 249641
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.7 13.1

