

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083802.D
 Acq On : 11 Sep 2024 17:57
 Operator : JC\MD
 Sample : P3891-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-SBG

Quant Time: Sep 12 02:11:32 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96285	53.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	8.165	113	76900	47.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.340%			
50) Toluene-d8	10.565	98	281599	50.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.000%			
62) 4-Bromofluorobenzene	12.847	95	135316	58.814	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.620%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	55740	77.202	ug/l	93
17) Carbon Disulfide	4.700	76	7793	2.156	ug/l	96
18) Methyl Acetate	5.018	43	5968	2.193	ug/l #	89
20) Methylene Chloride	5.271	84	5372	3.636	ug/l	85
25) 2-Butanone	7.488	43	9359	9.862	ug/l	93
40) Benzene	8.600	78	109997	15.052	ug/l	97
43) Isopropyl Acetate	8.688	43	189284m	47.396	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	15346	7.059	ug/l #	80
52) Toluene	10.629	92	62595	14.004	ug/l	98
68) m/p-Xylenes	12.065	106	15358	3.701	ug/l	98
69) o-Xylene	12.394	106	9832	2.447	ug/l	97
70) Styrene	12.412	104	8174	1.240	ug/l #	84
95) Naphthalene	15.641	128	208174	26.085	ug/l	100

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

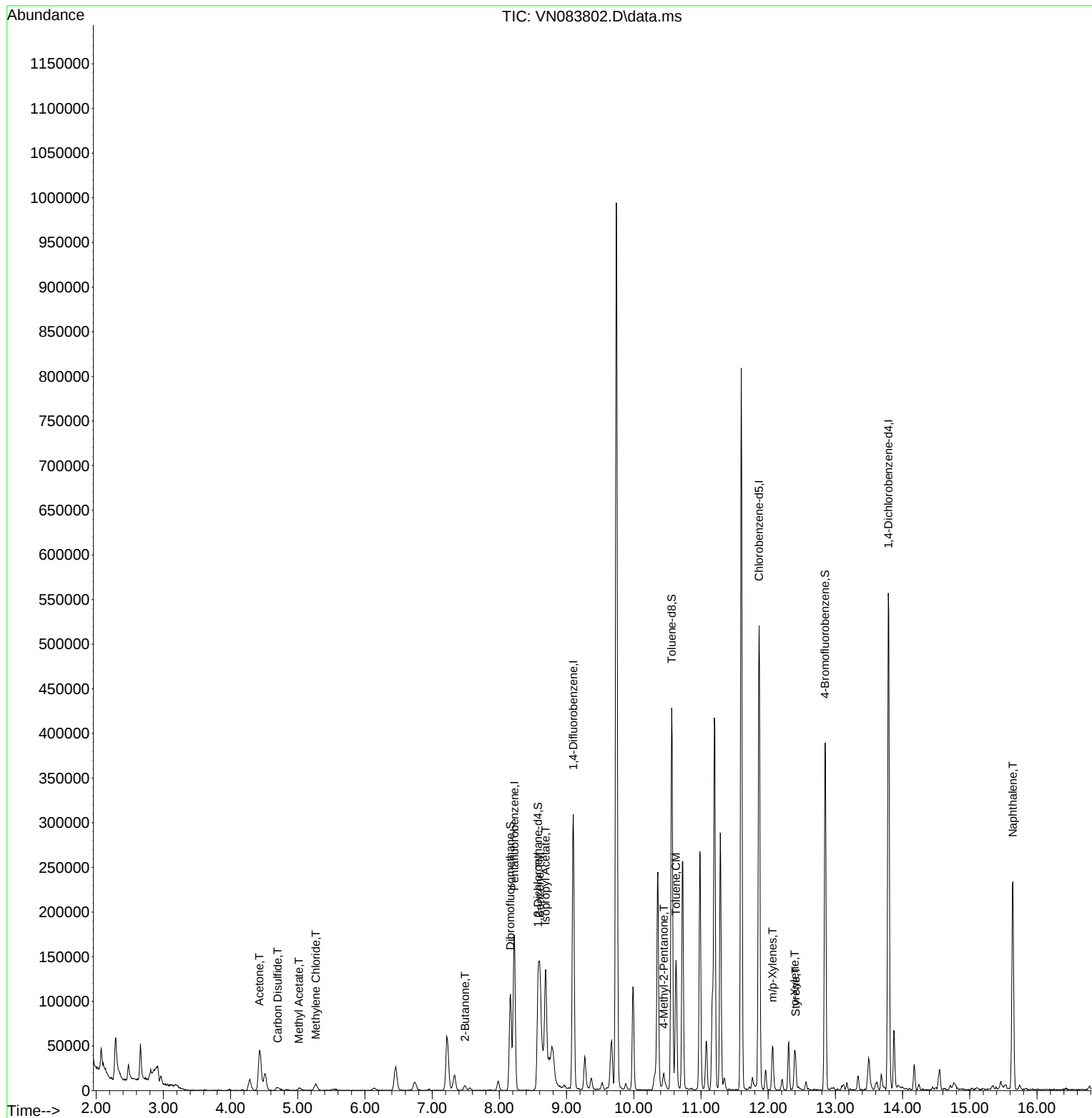
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
Data File : VN083802.D
Acq On : 11 Sep 2024 17:57
Operator : JC\MD
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Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

Quant Time: Sep 12 02:11:32 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

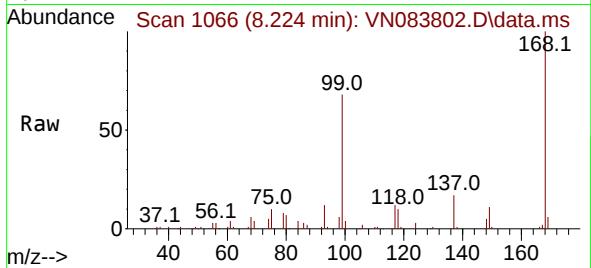
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

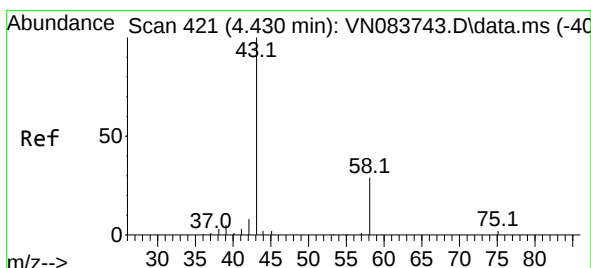
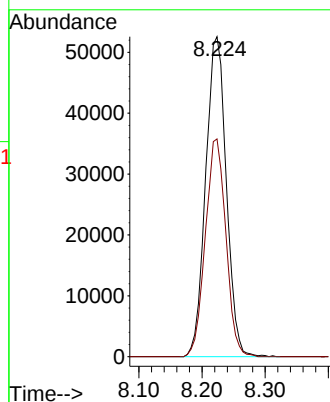
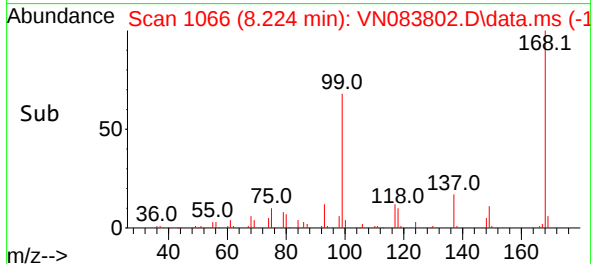
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG



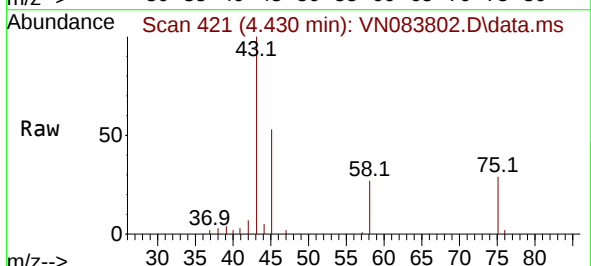
Tgt Ion:168 Resp: 11944
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2

Manual Integrations
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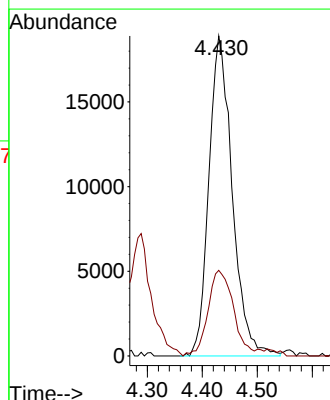
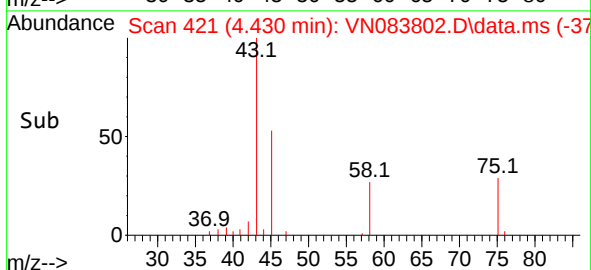
Reviewed By :John Carlone 09/12/2024
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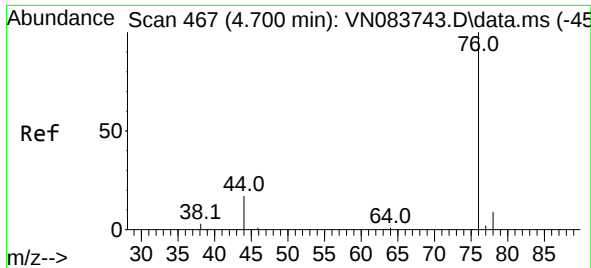


#16
Acetone
Concen: 77.202 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57



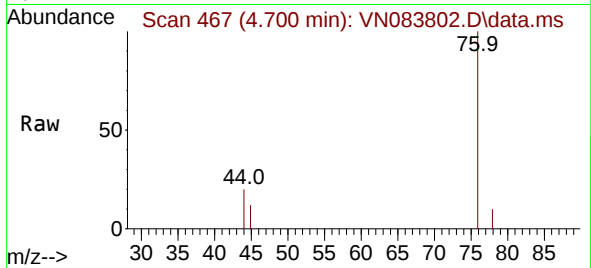
Tgt Ion: 43 Resp: 55740
Ion Ratio Lower Upper
43 100
58 25.8 23.7 35.5





#17
Carbon Disulfide
Concen: 2.156 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

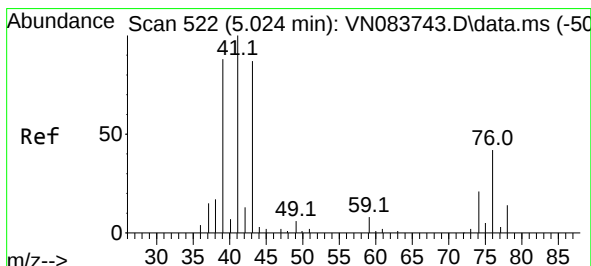
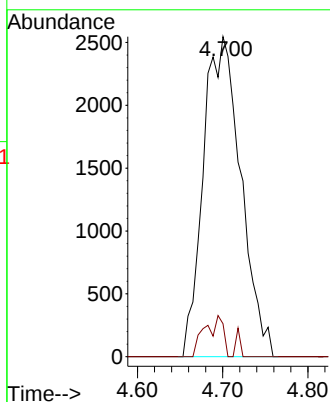
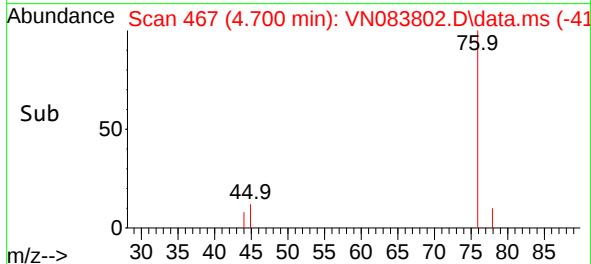
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG



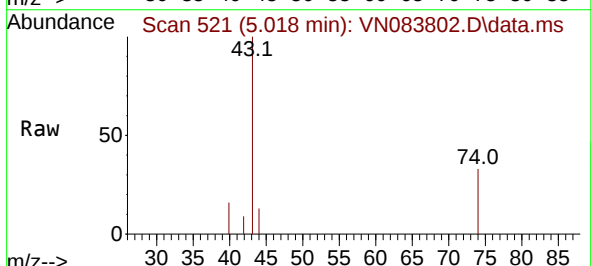
Tgt Ion: 76 Resp: 779
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7

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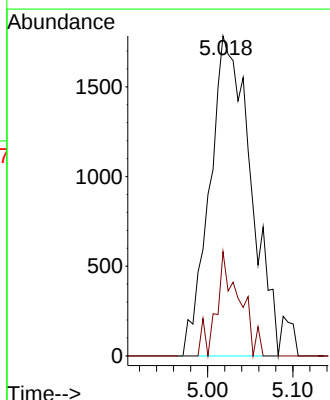
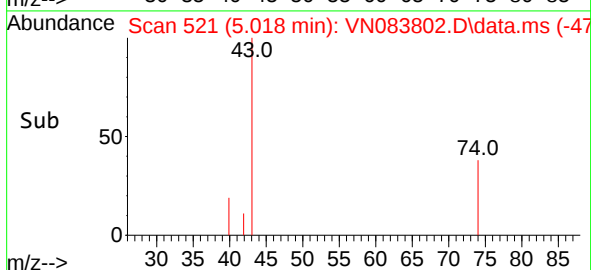
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

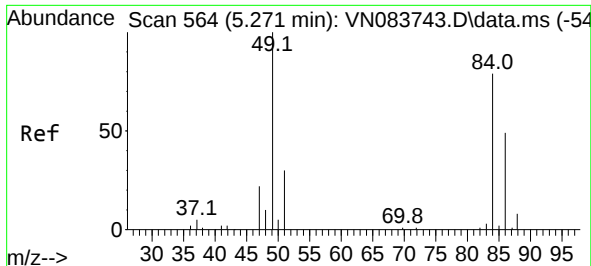


#18
Methyl Acetate
Concen: 2.193 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57



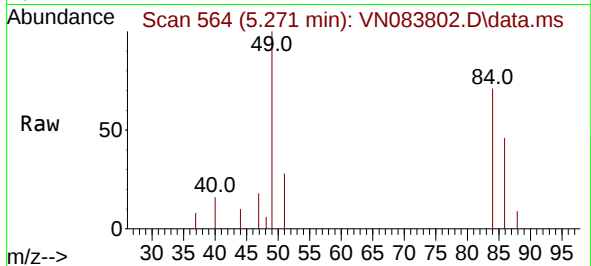
Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
74 18.4 19.0 28.4#





#20
Methylene Chloride
Concen: 3.636 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

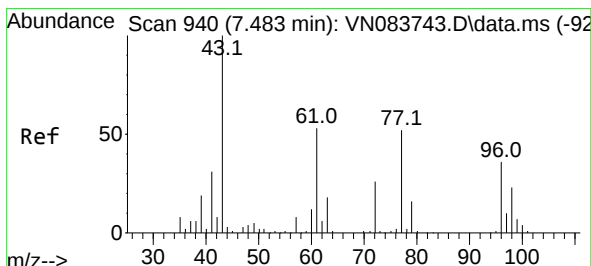
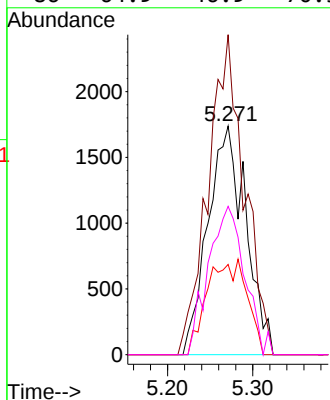
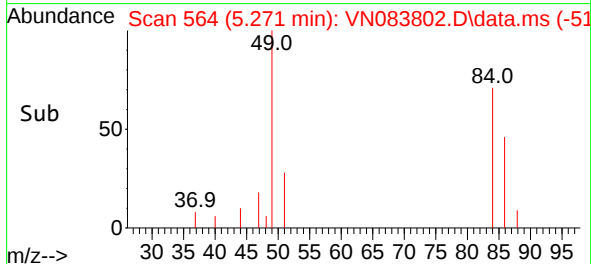
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG



Tgt Ion:	84	Resp:	537
Ion	Ratio	Lower	Upper
84	100		
49	140.0	93.4	140.0
51	39.5	29.2	43.8
86	64.9	46.9	70.3

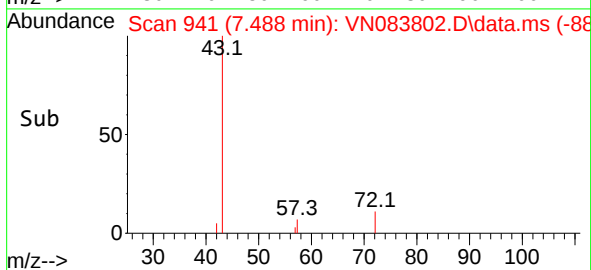
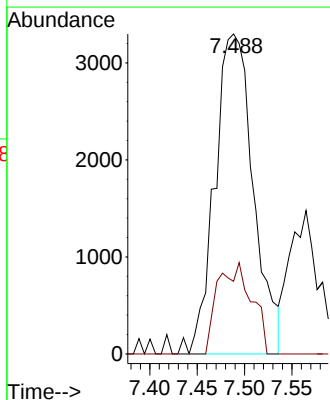
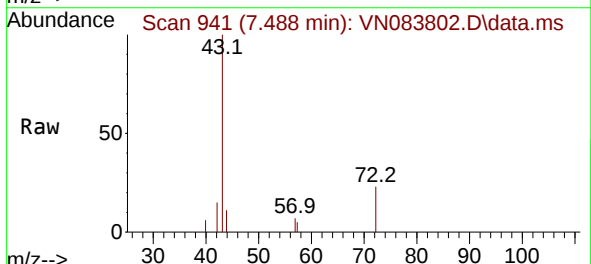
Manual Integrations
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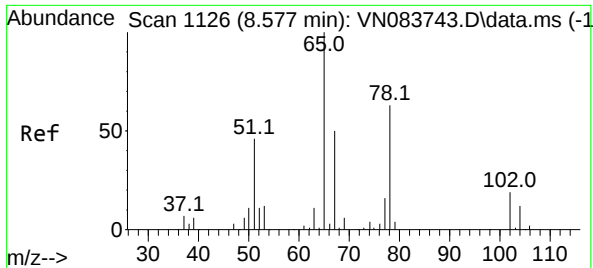
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#25
2-Butanone
Concen: 9.862 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Tgt Ion:	43	Resp:	9359
Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.8	31.2





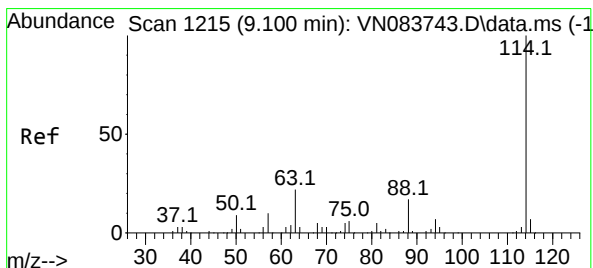
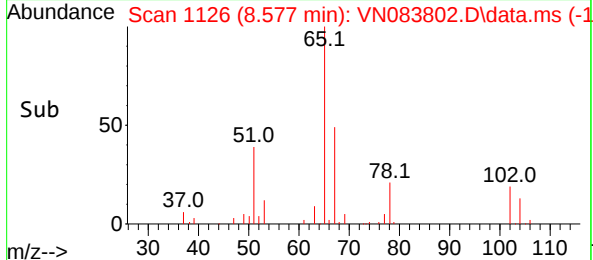
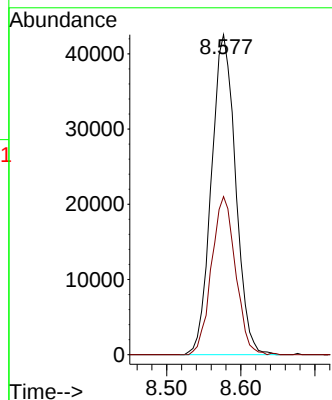
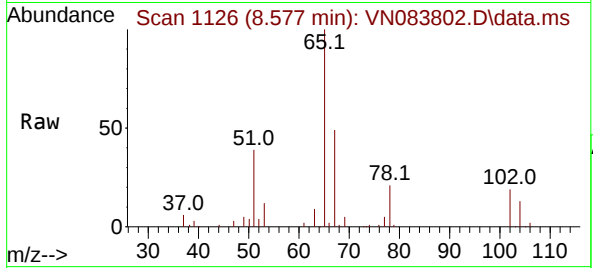
#33
1,2-Dichloroethane-d4
Concen: 53.460 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

Tgt Ion: 65 Resp: 9628
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.8

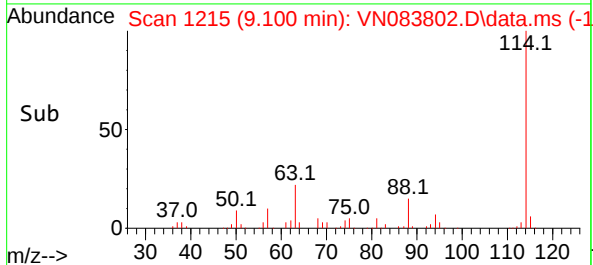
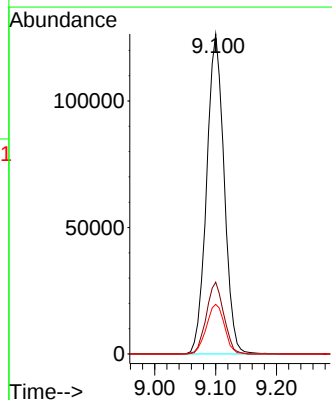
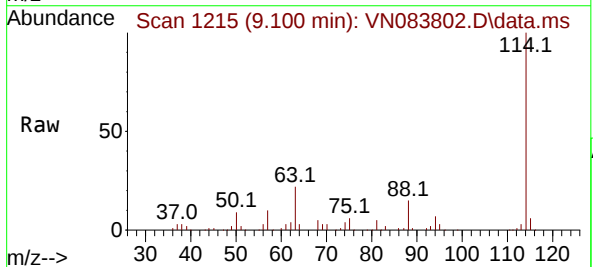
Manual Integrations
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Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Tgt Ion:114 Resp: 251970
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.4
88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.673 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN083802.D

Acq: 11 Sep 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-SBG

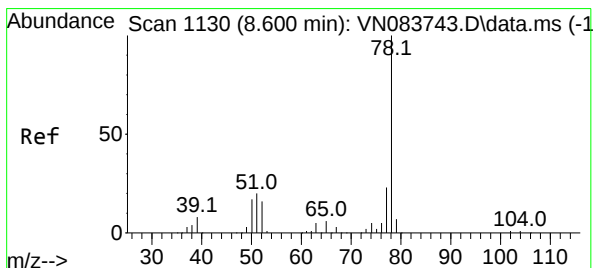
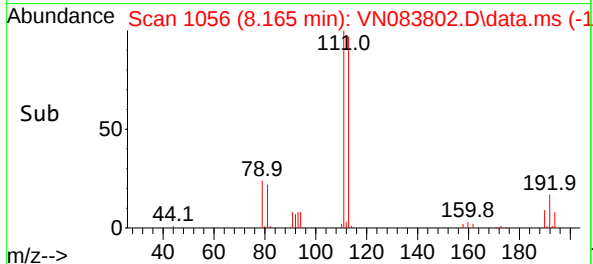
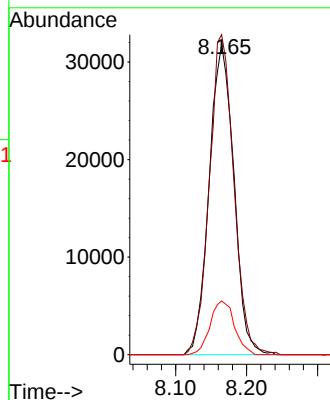
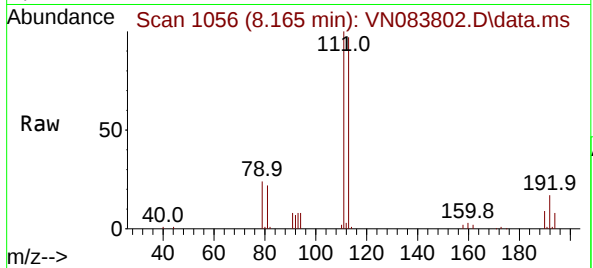
Tgt Ion:	113	Resp:	76900
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	124.0
192	17.0	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#40

Benzene

Concen: 15.052 ug/l

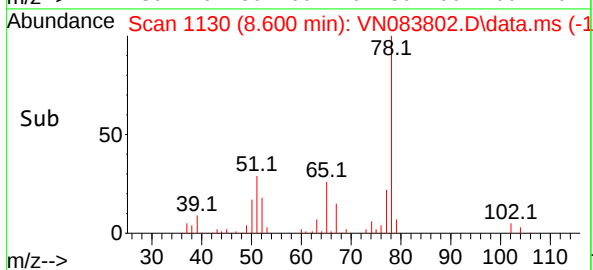
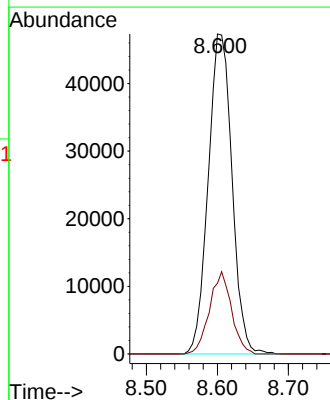
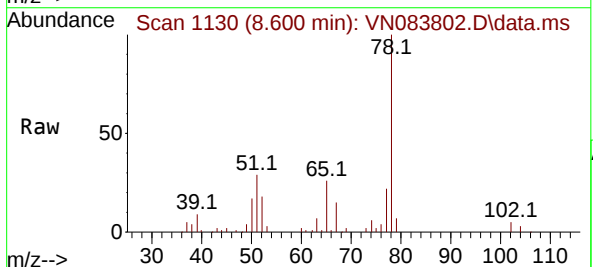
RT: 8.600 min Scan# 1130

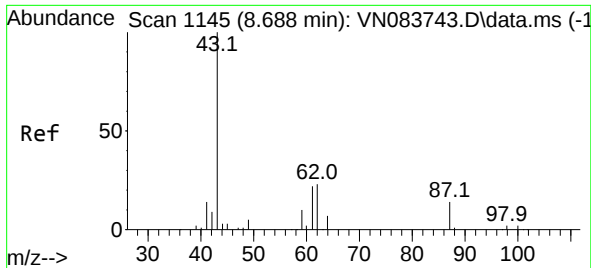
Delta R.T. -0.000 min

Lab File: VN083802.D

Acq: 11 Sep 2024 17:57

Tgt Ion:	78	Resp:	109997
Ion Ratio	Lower	Upper	
78	100		
77	22.1	19.0	28.6





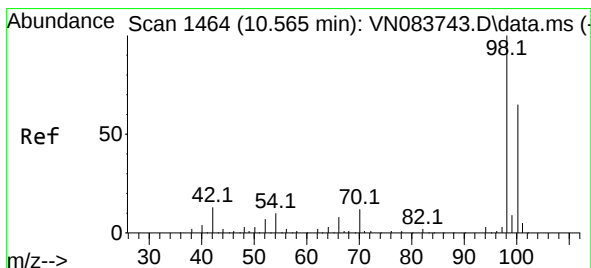
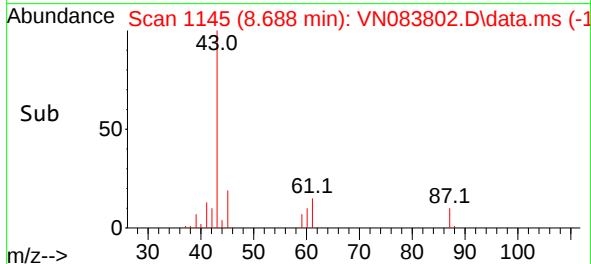
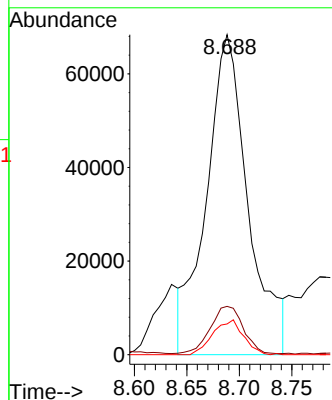
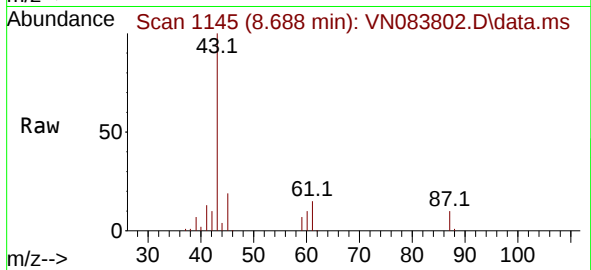
#43
Isopropyl Acetate
Concen: 47.396 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

Tgt Ion: 43 Resp: 189284
Ion Ratio Lower Upper
43 100
61 11.7 19.4 29.0
87 8.0 9.8 14.6

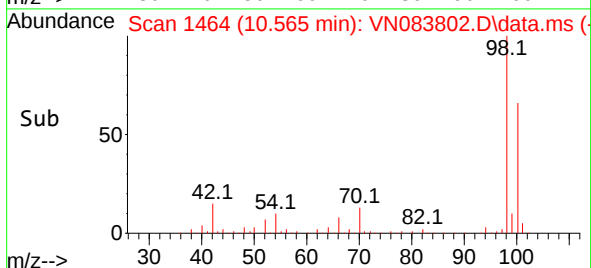
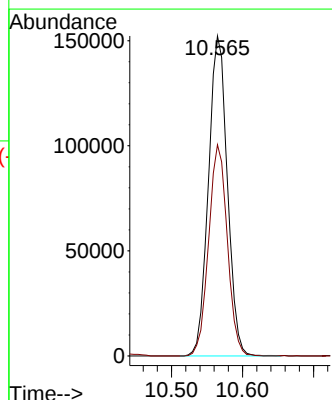
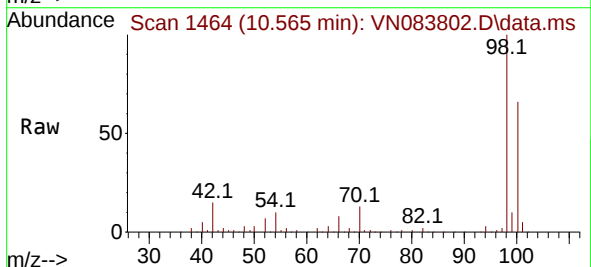
Manual Integrations
APPROVED

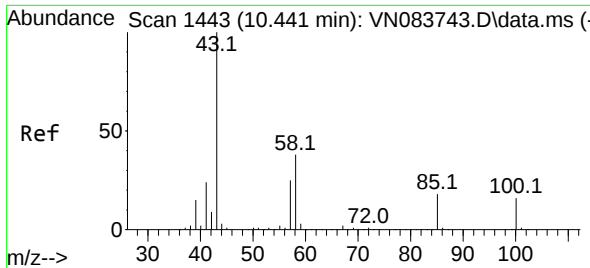
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#50
Toluene-d8
Concen: 50.497 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

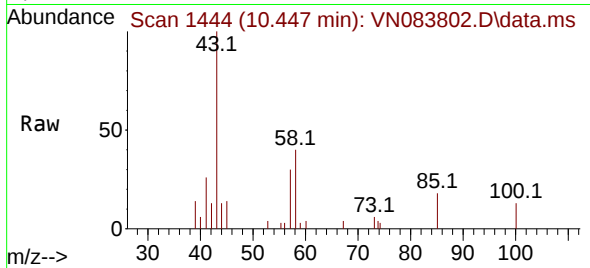
Tgt Ion: 98 Resp: 281599
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 7.059 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

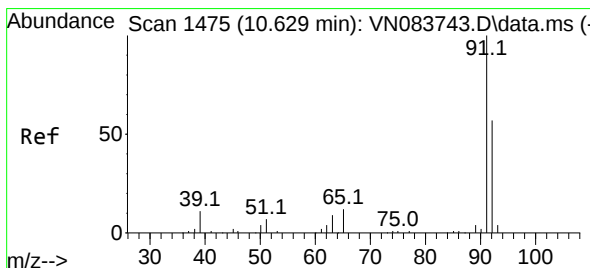
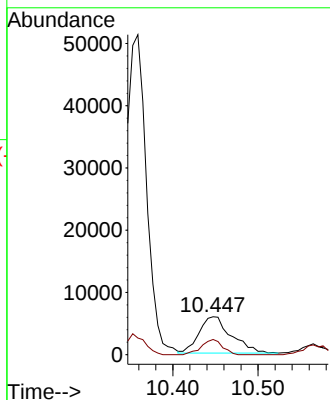
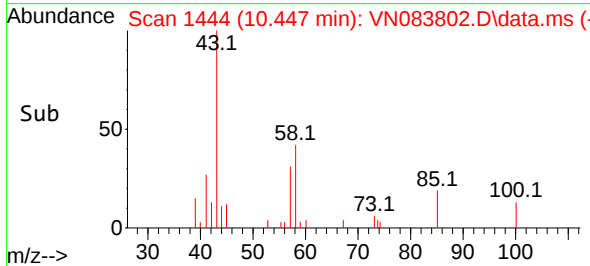
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG



Tgt Ion: 43 Resp: 15340
Ion Ratio Lower Upper
43 100
58 27.2 31.6 47.4

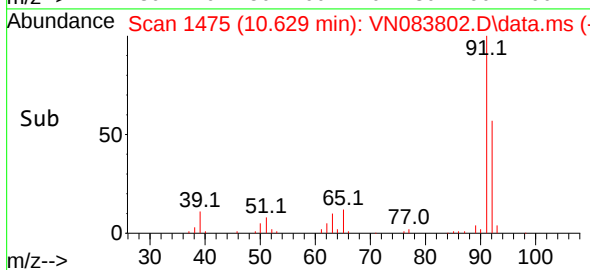
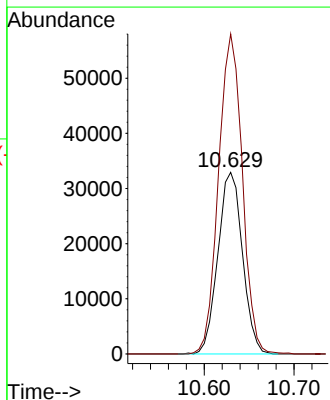
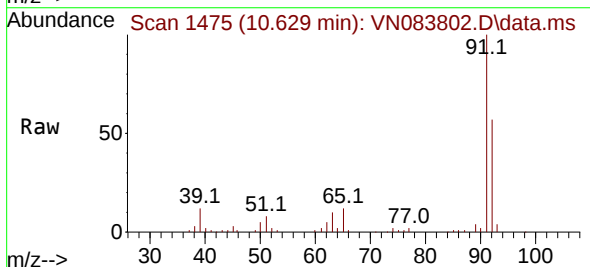
Manual Integrations
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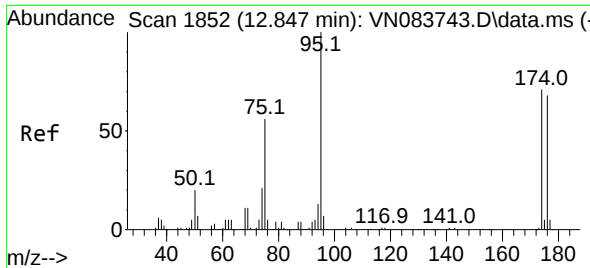
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#52
Toluene
Concen: 14.004 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

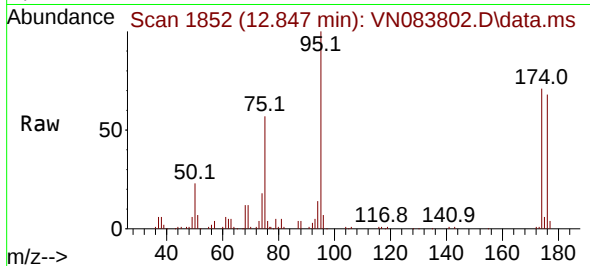
Tgt Ion: 92 Resp: 62595
Ion Ratio Lower Upper
92 100
91 170.9 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 58.814 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

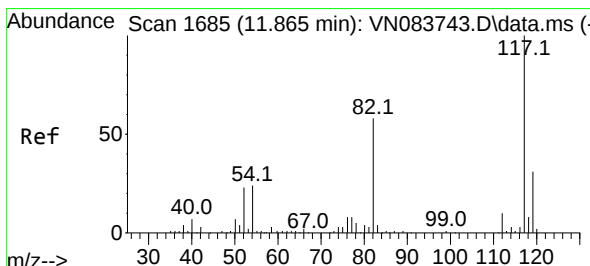
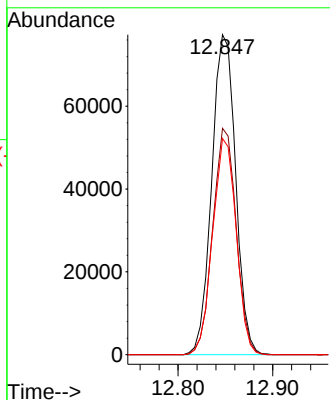
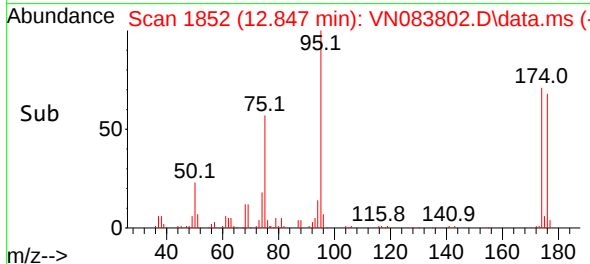
Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG



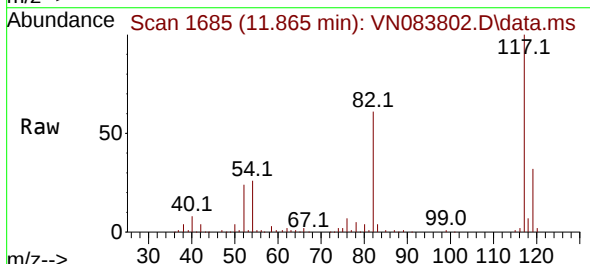
Tgt Ion: 95 Resp: 135310
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.7 0.0 131.4

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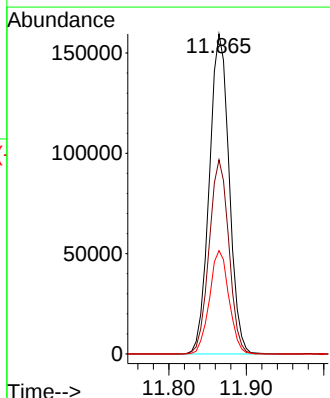
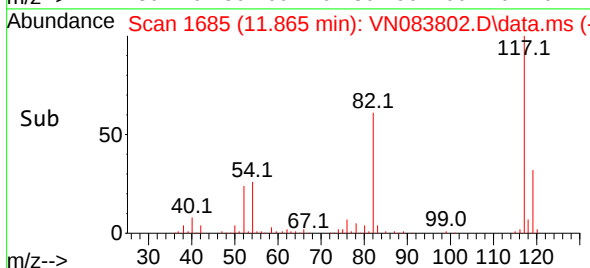
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

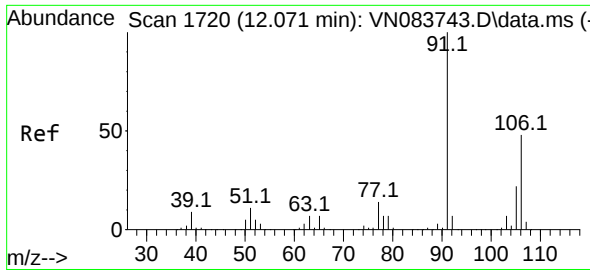


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57



Tgt Ion:117 Resp: 283100
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.3 26.3 39.5





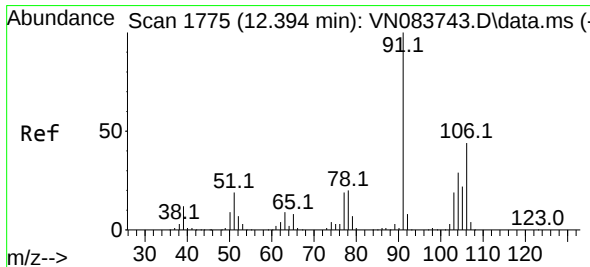
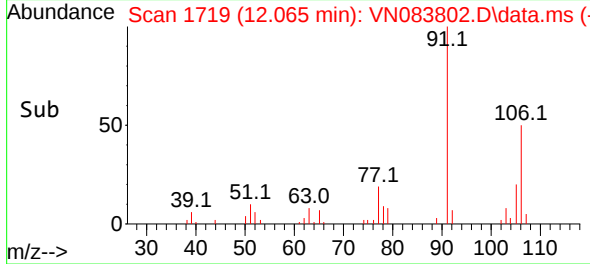
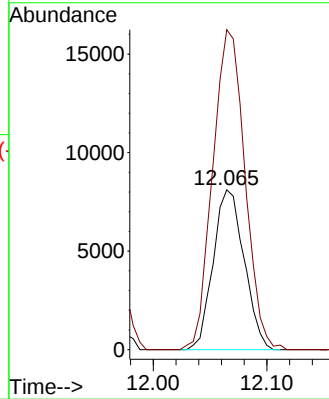
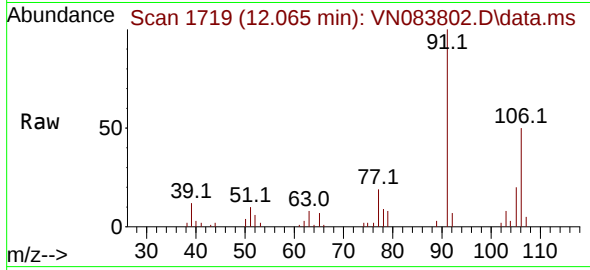
#68
m/p-Xylenes
Concen: 3.701 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG

Tgt Ion:106 Resp: 1535
Ion Ratio Lower Upper
106 100
91 208.1 169.2 253.8

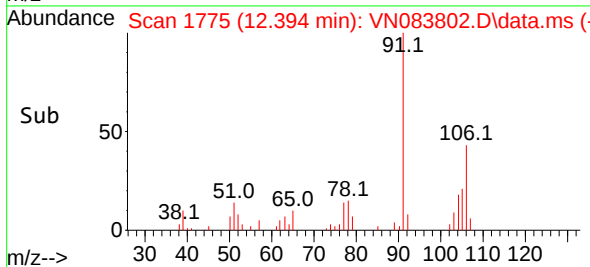
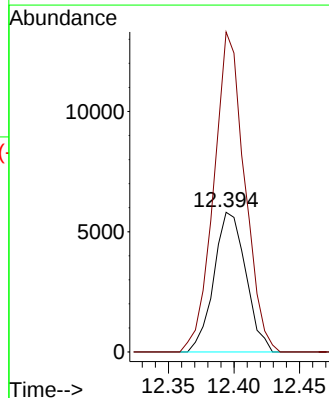
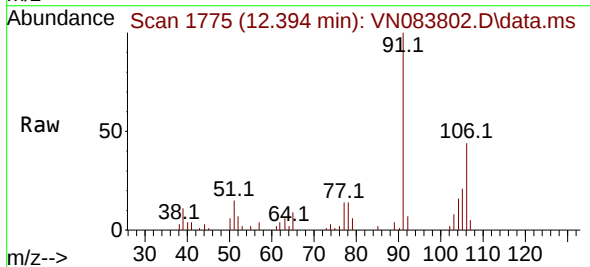
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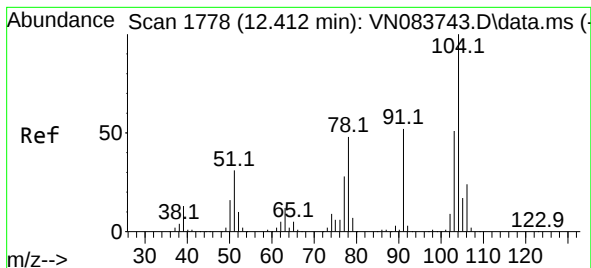
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#69
o-Xylene
Concen: 2.447 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Tgt Ion:106 Resp: 9832
Ion Ratio Lower Upper
106 100
91 221.4 112.9 338.6





#70

Styrene

Concen: 1.240 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083802.D

Acq: 11 Sep 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-SBG

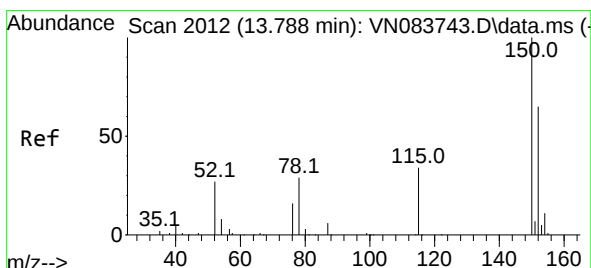
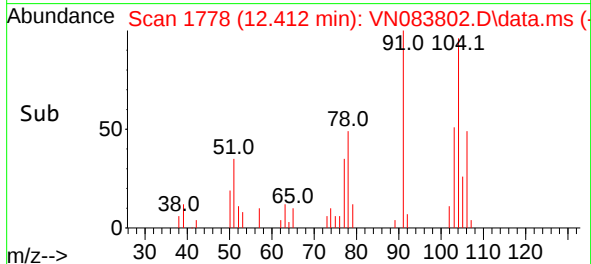
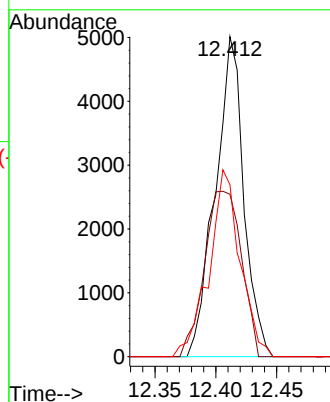
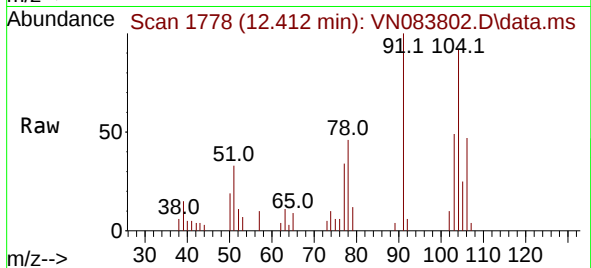
Tgt Ion:104	Resp:	8174
Ion Ratio	Lower	Upper
104	100	
78	67.0	43.3 64.9
103	63.7	43.4 65.2

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

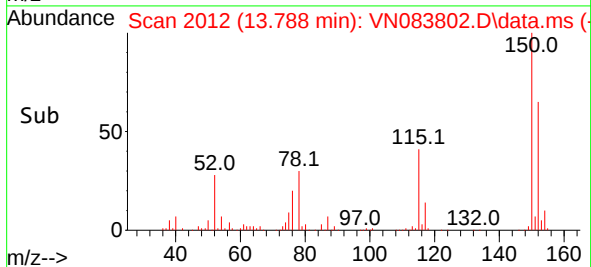
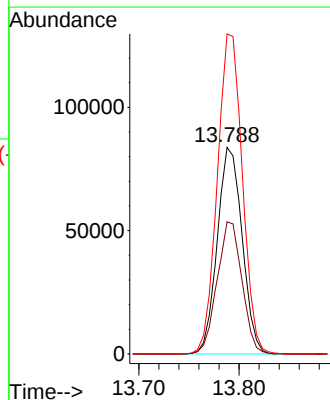
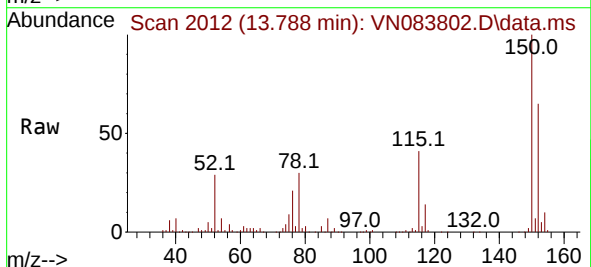
RT: 13.788 min Scan# 2012

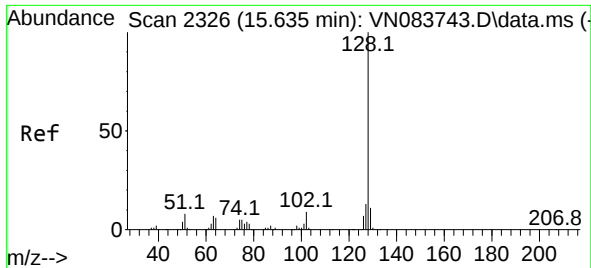
Delta R.T. -0.000 min

Lab File: VN083802.D

Acq: 11 Sep 2024 17:57

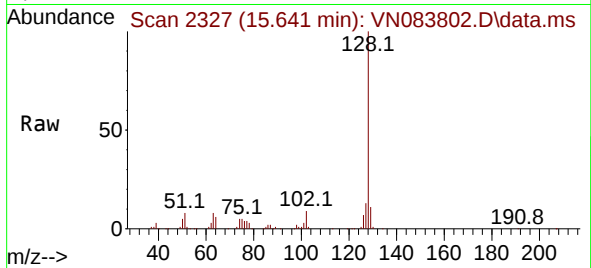
Tgt Ion:152	Resp:	144113
Ion Ratio	Lower	Upper
152	100	
115	63.8	32.2 96.6
150	155.8	0.0 348.6





#95
Naphthalene
Concen: 26.085 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083802.D
Acq: 11 Sep 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
AUD-SBG



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.6	8.7	13.1

Manual Integrations
APPROVED

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

