

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081613.D
 Acq On : 29 Mar 2024 14:17
 Operator : JC\MD
 Sample : P1921-05 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-20

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2024
 Supervised By : Mahesh Dadoda 04/01/2024

Quant Time: Mar 30 00:29:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	368732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	680758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	616259	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	274376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	251450	53.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 106.940%		
35) Dibromofluoromethane	8.165	113	218053	50.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.500%		
50) Toluene-d8	10.565	98	812689	52.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 104.660%		
62) 4-Bromofluorobenzene	12.847	95	279204	51.021	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 102.040%		
Target Compounds						Qvalue
16) Acetone	4.448	43	8004m	5.267	ug/l	
40) Benzene	8.606	78	2515566	119.008	ug/l	97
52) Toluene	10.629	92	1018143	75.783	ug/l	99
67) Ethyl Benzene	11.965	91	85158	3.365	ug/l	97
68) m/p-Xylenes	12.065	106	186617	19.671	ug/l	94
69) o-Xylene	12.400	106	122290	13.130	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	24638	1.275	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	82999	4.275	ug/l	95
95) Naphthalene	15.641	128	982442	51.324	ug/l	99

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

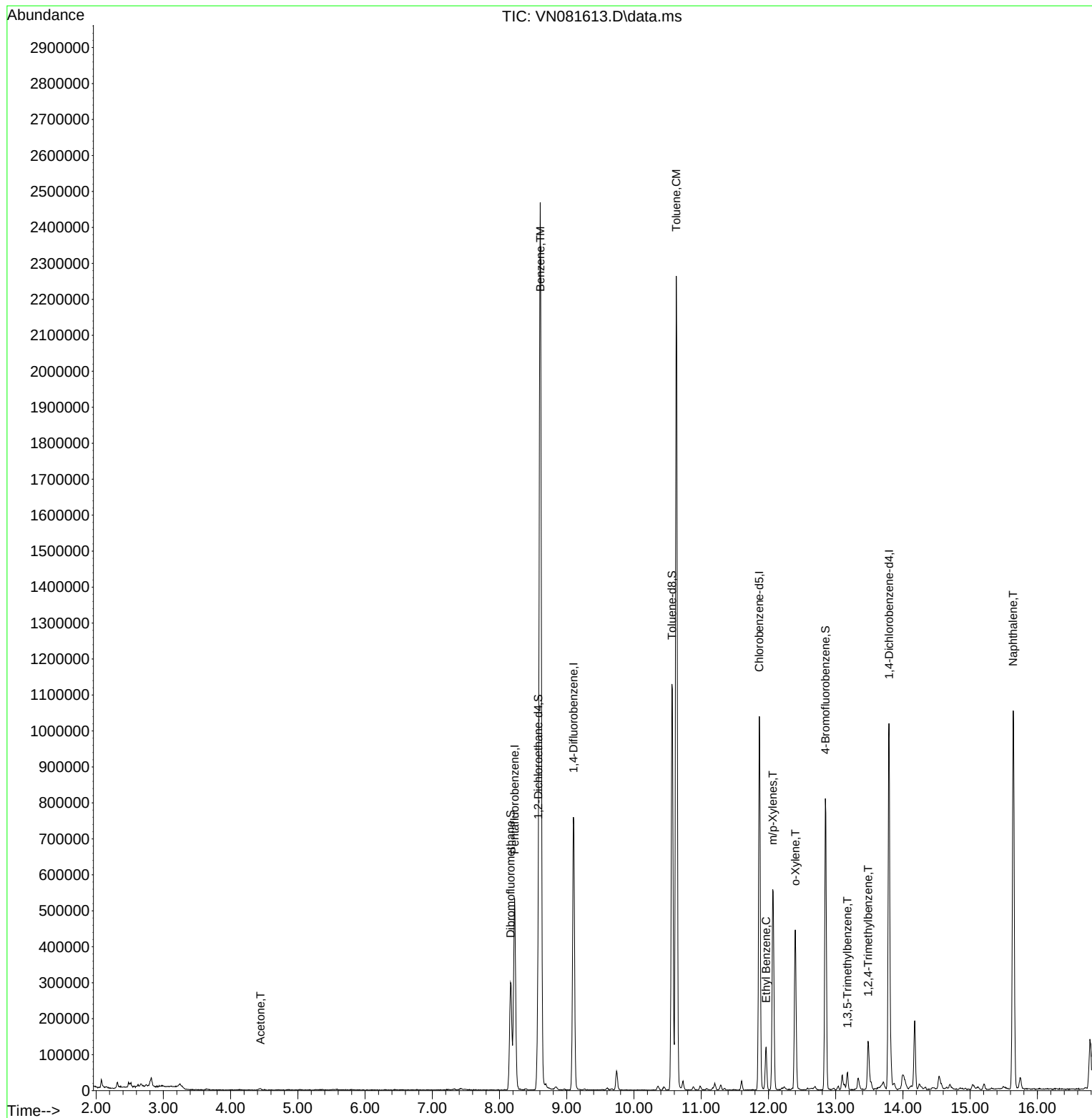
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
Data File : VN081613.D
Acq On : 29 Mar 2024 14:17
Operator : JC\MD
Sample : P1921-05 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

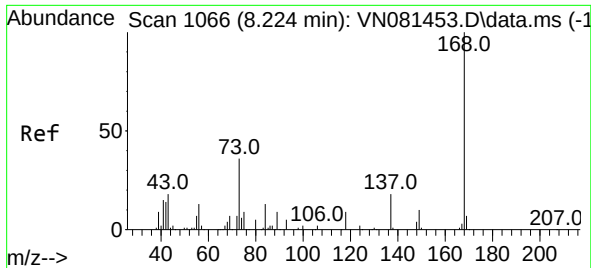
Instrument :
MSVOA_N
ClientSampleId :
S-20

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Supervised By : Mahesh Dadoda 04/01/2024

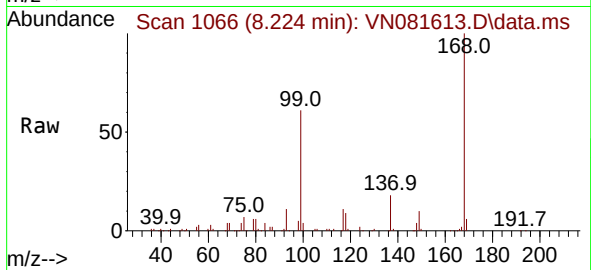
Quant Time: Mar 30 00:29:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

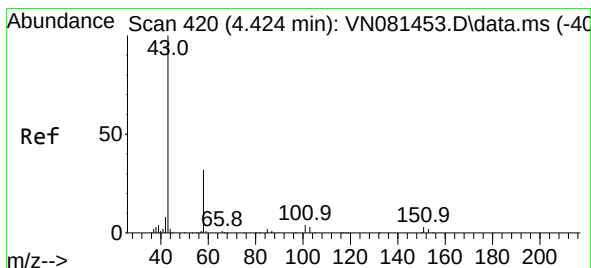
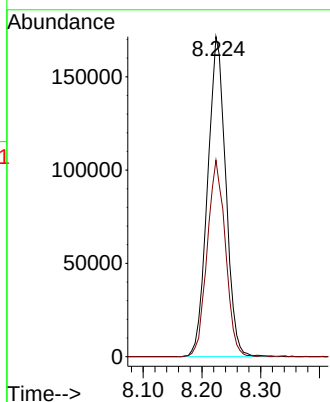
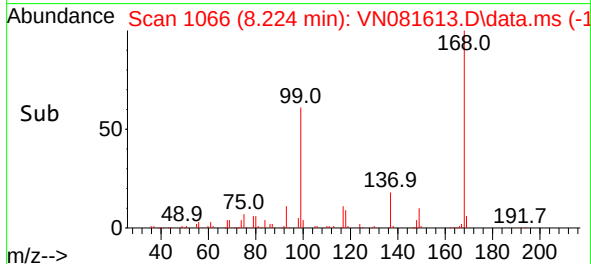
Instrument :
MSVOA_N
ClientSampleId :
S-20



Tgt Ion:168 Resp: 368732
Ion Ratio Lower Upper
168 100
99 61.4 59.9 89.9

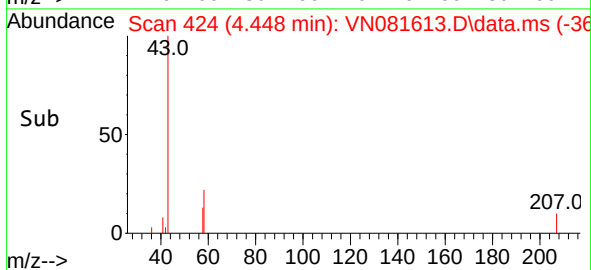
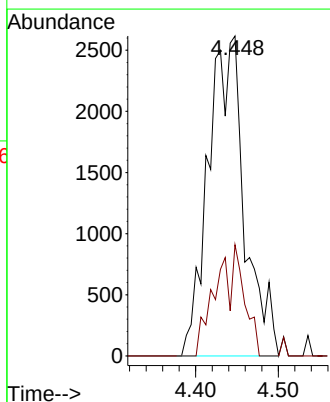
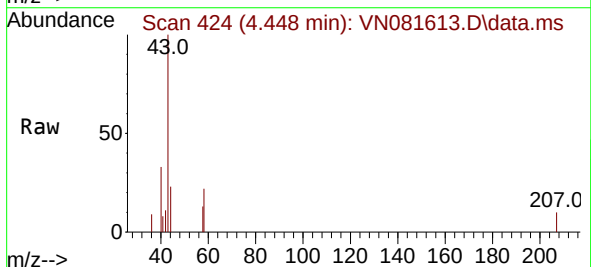
Manual Integrations
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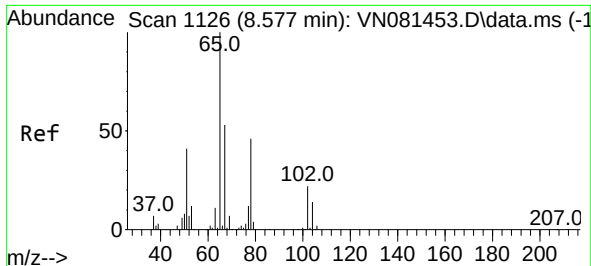
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#16
Acetone
Concen: 5.267 ug/l m
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

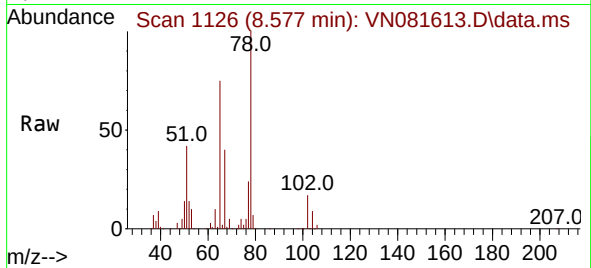
Tgt Ion: 43 Resp: 8004
Ion Ratio Lower Upper
43 100
58 21.7 24.8 37.2#





#33
1,2-Dichloroethane-d4
Concen: 53.474 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

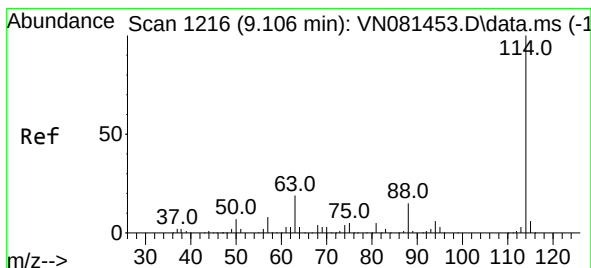
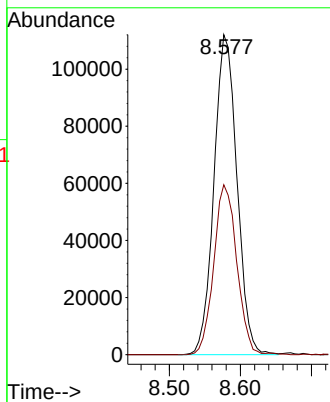
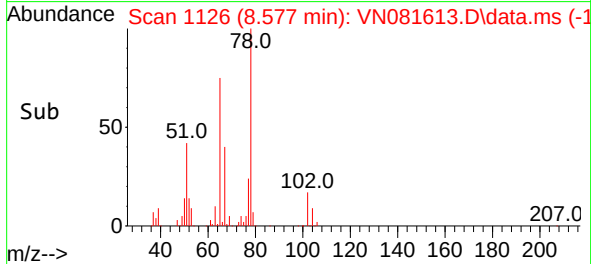
Instrument :
MSVOA_N
ClientSampleId :
S-20



Tgt Ion: 65 Resp: 251450
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4

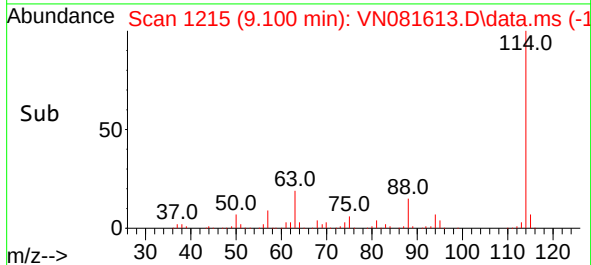
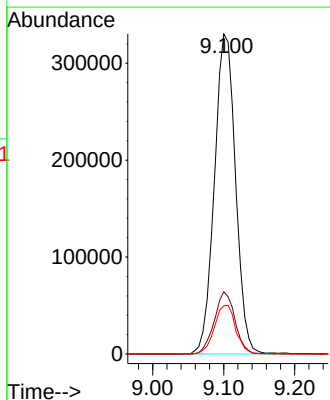
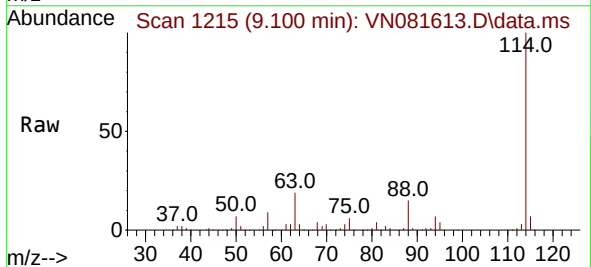
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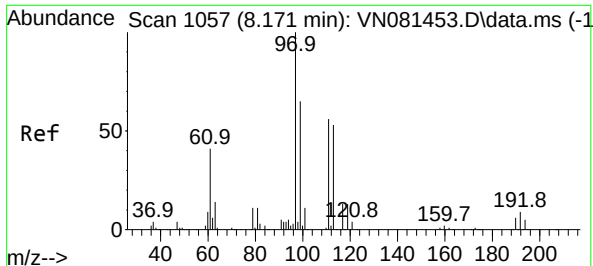
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

Tgt Ion:114 Resp: 680758
Ion Ratio Lower Upper
114 100
63 19.5 0.0 48.0
88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.754 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081613.D

Acq: 29 Mar 2024 14:17

Instrument :

MSVOA_N

ClientSampleId :

S-20

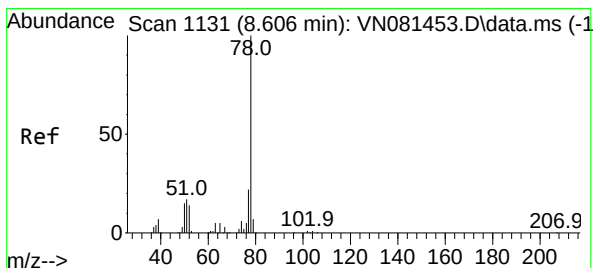
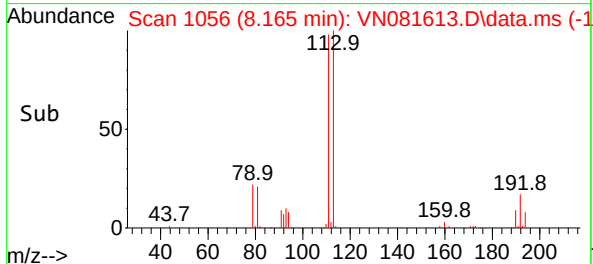
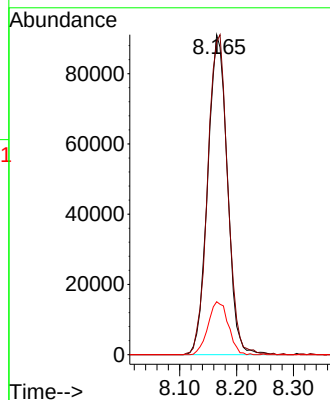
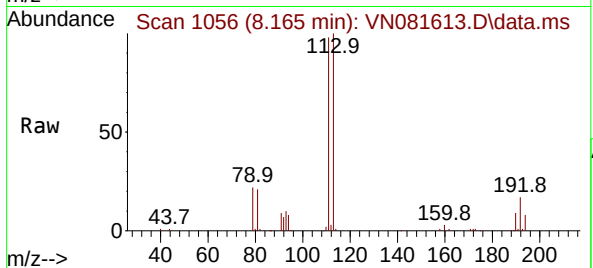
Tgt Ion:	113	Resp:	21805
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.2	123.4
192	17.0	12.5	18.7

Manual Integrations

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#40

Benzene

Concen: 119.008 ug/l

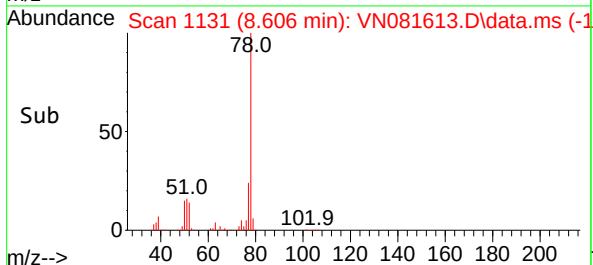
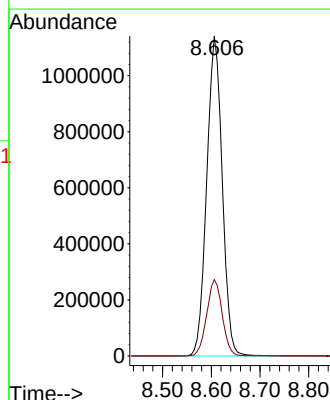
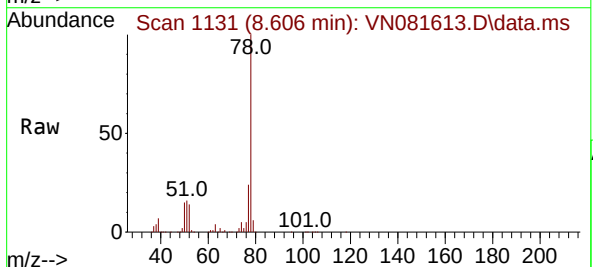
RT: 8.606 min Scan# 1131

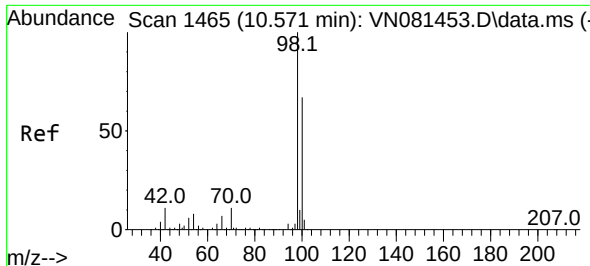
Delta R.T. 0.000 min

Lab File: VN081613.D

Acq: 29 Mar 2024 14:17

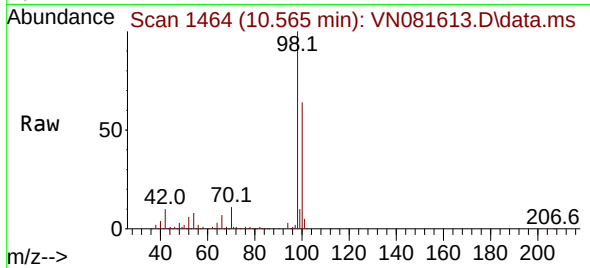
Tgt Ion:	78	Resp:	2515566
Ion Ratio	Lower	Upper	
78	100		
77	23.9	20.4	30.6





#50
Toluene-d8
Concen: 52.329 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

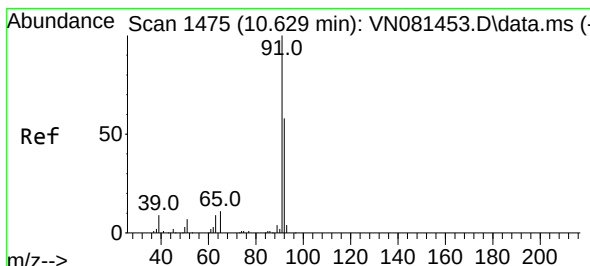
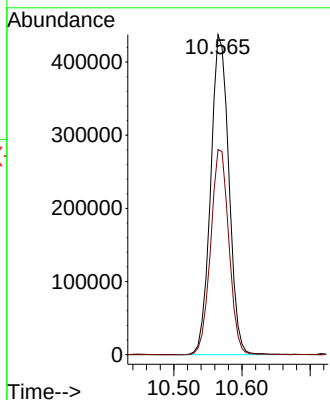
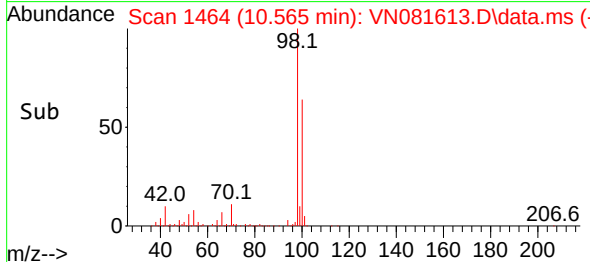
Instrument :
MSVOA_N
ClientSampleId :
S-20



Tgt Ion: 98 Resp: 812689
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

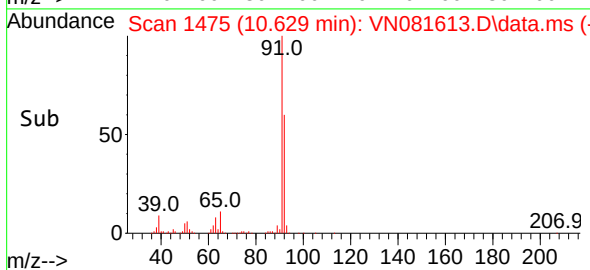
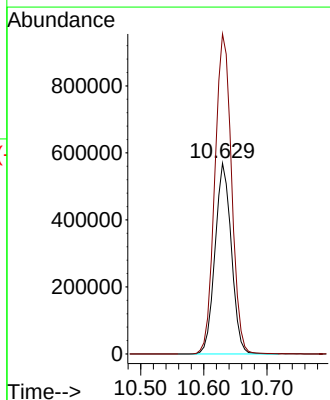
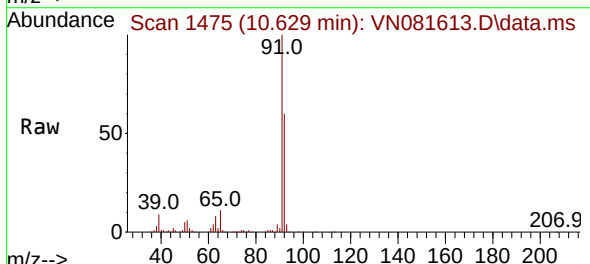
Manual Integrations
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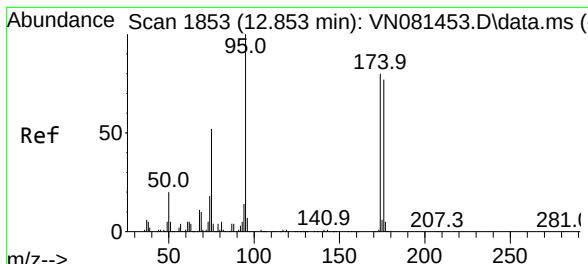
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#52
Toluene
Concen: 75.783 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

Tgt Ion: 92 Resp: 1018143
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0





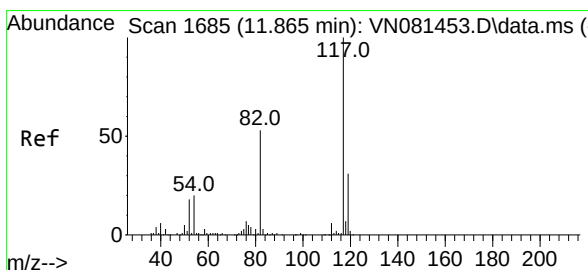
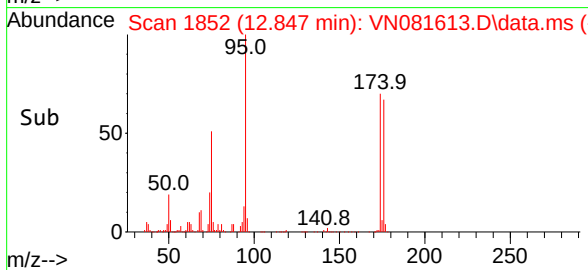
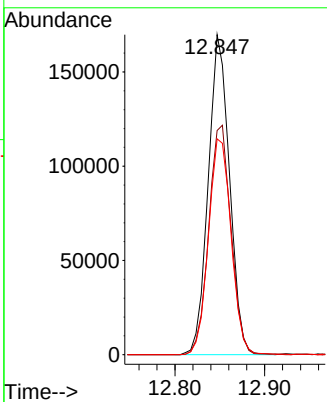
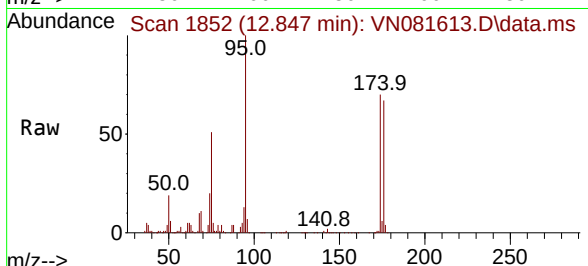
#62
4-Bromofluorobenzene
Concen: 51.021 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

Instrument : MSVOA_N
ClientSampleId : S-20

Tgt Ion:	95	Resp:	279204
Ion Ratio	Lower	Upper	
95	100		
174	75.3	0.0	120.4
176	71.9	0.0	121.0

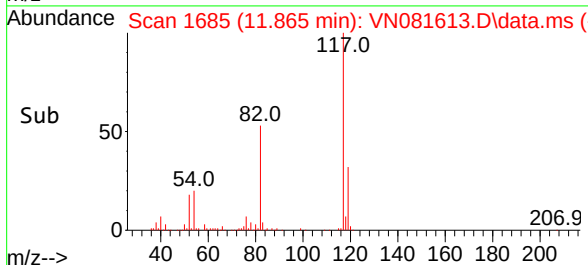
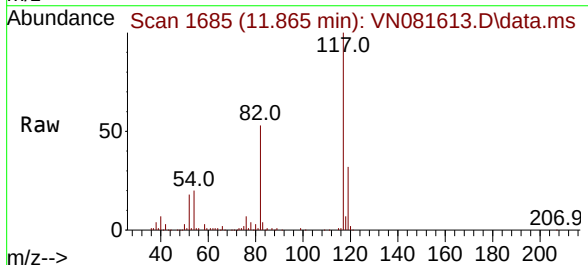
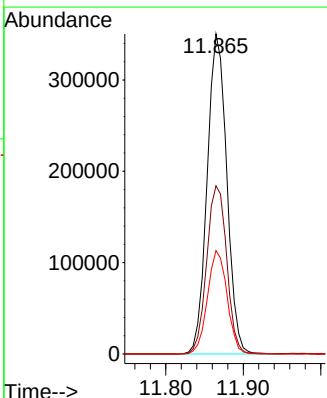
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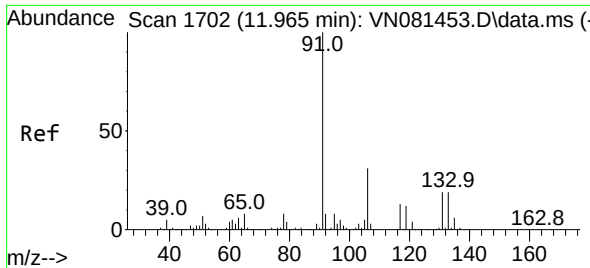
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

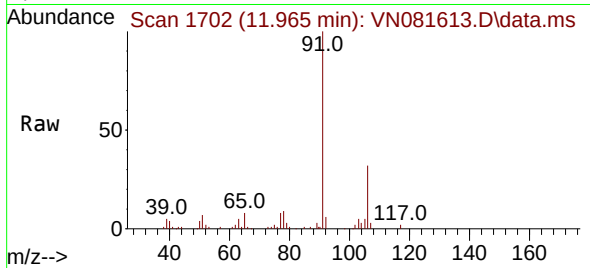
Tgt Ion:	117	Resp:	616259
Ion Ratio	Lower	Upper	
117	100		
82	52.5	52.7	79.1#
119	32.3	25.3	37.9





#67
Ethyl Benzene
Concen: 3.365 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

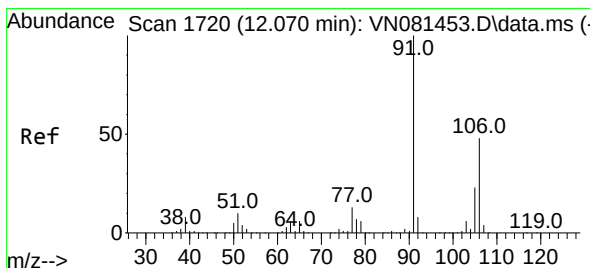
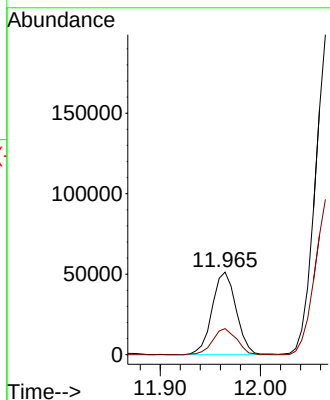
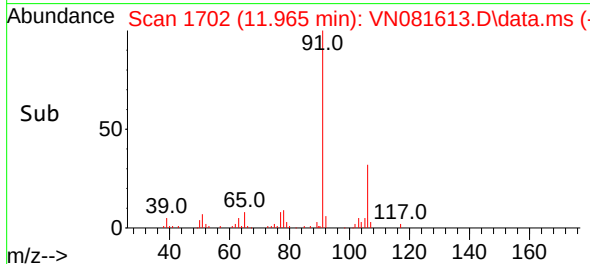
Instrument :
MSVOA_N
ClientSampleId :
S-20



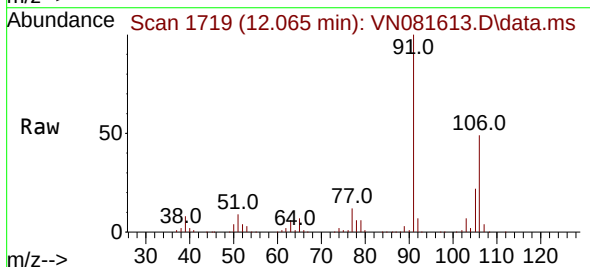
Tgt Ion: 91 Resp: 85158
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6

Manual Integrations
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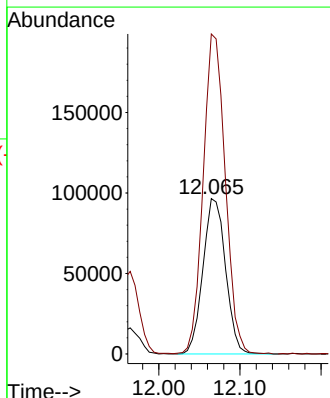
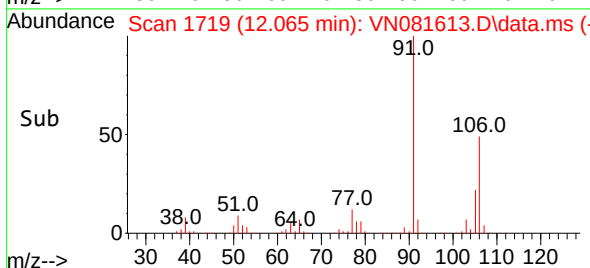
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

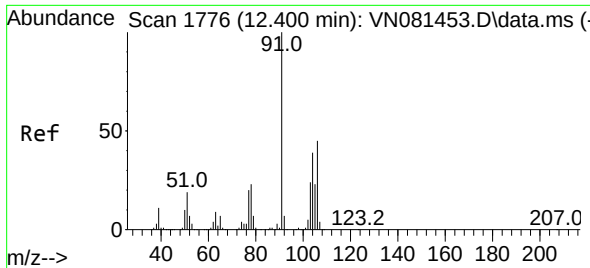


#68
m/p-Xylenes
Concen: 19.671 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17



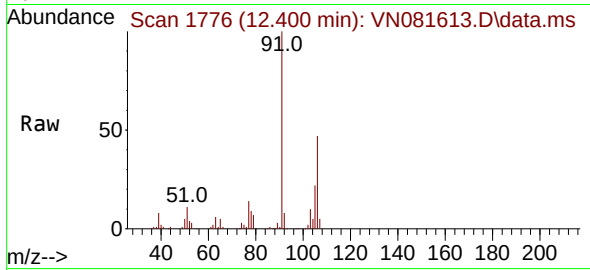
Tgt Ion:106 Resp: 186617
Ion Ratio Lower Upper
106 100
91 201.6 169.0 253.6





#69
o-Xylene
Concen: 13.130 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

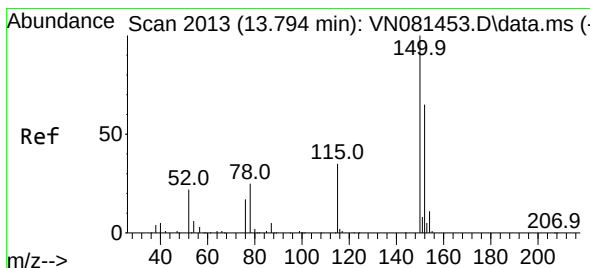
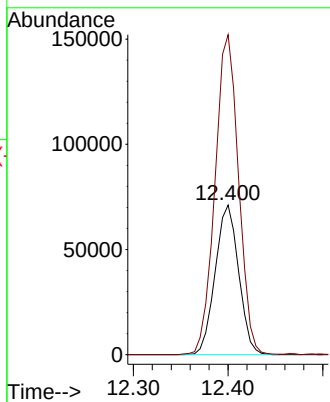
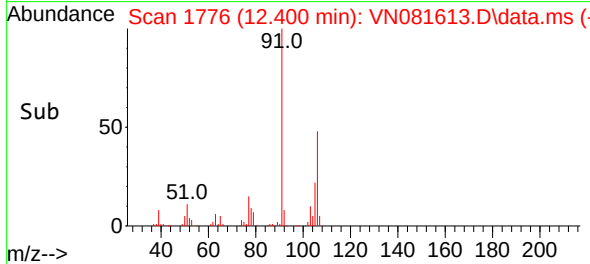
Instrument :
MSVOA_N
ClientSampleId :
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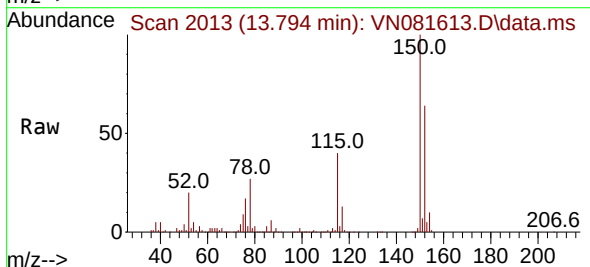
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Ion Ratio Lower Upper
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91 215.3 112.1 336.3

Manual Integrations
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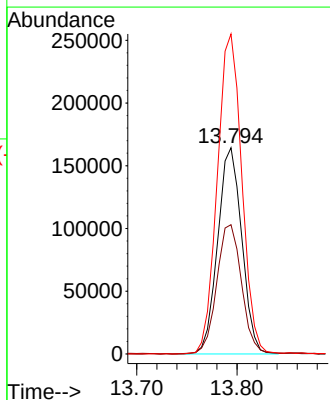
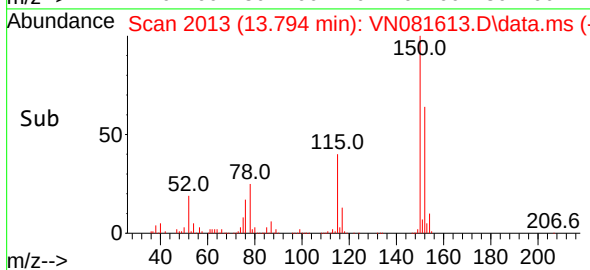
Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

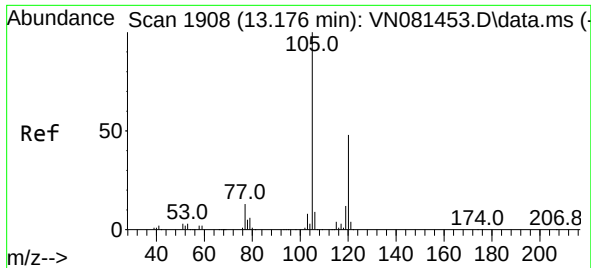


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17



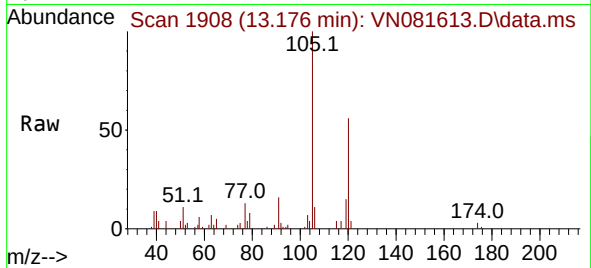
Tgt Ion:152 Resp: 274376
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 157.8 0.0 339.8





#80
1,3,5-Trimethylbenzene
Concen: 1.275 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

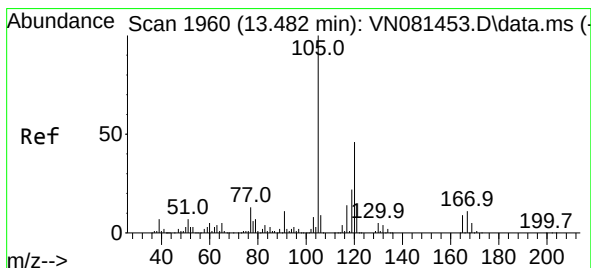
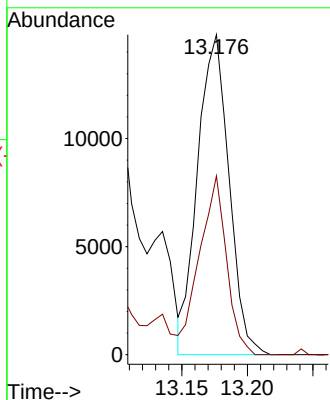
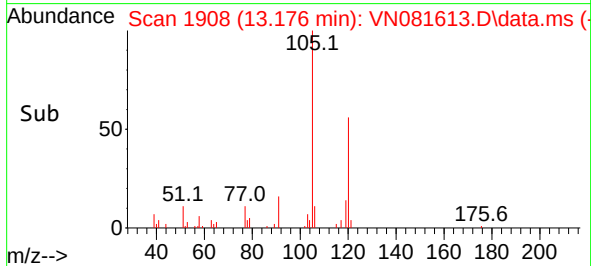
Instrument :
MSVOA_N
ClientSampleId :
S-20



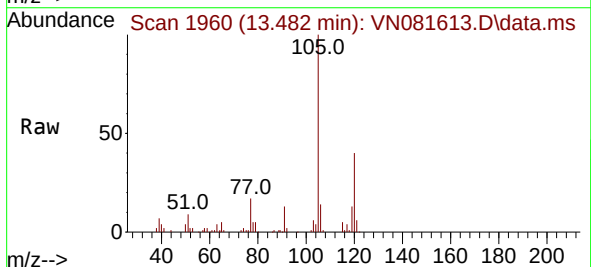
Tgt Ion:105 Resp: 24638
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0

Manual Integrations
APPROVED

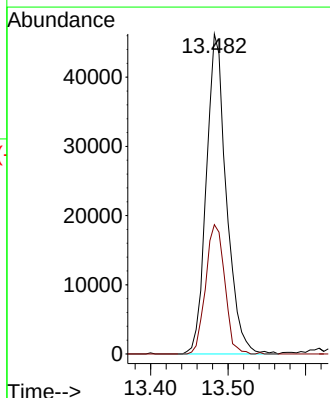
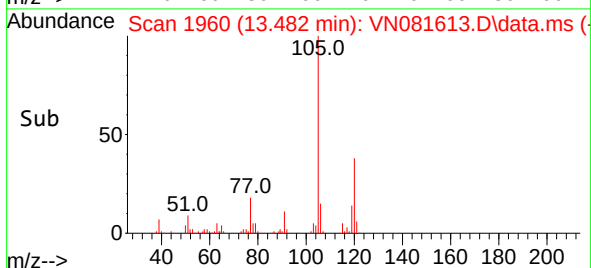
Reviewed By :John Carbone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

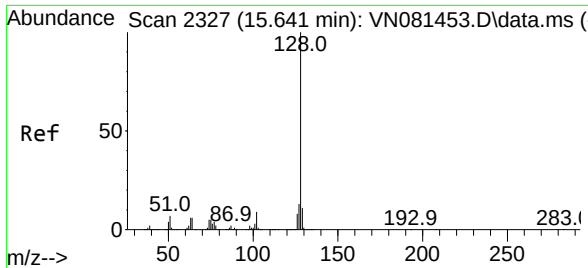


#84
1,2,4-Trimethylbenzene
Concen: 4.275 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17



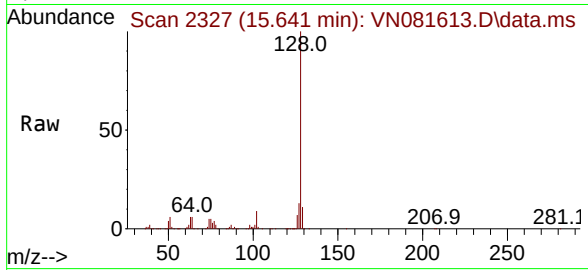
Tgt Ion:105 Resp: 82999
Ion Ratio Lower Upper
105 100
120 38.3 20.9 62.7





#95
Naphthalene
Concen: 51.324 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081613.D
Acq: 29 Mar 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :
S-20



Tgt Ion:128 Resp: 98244
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2024
Supervised By :Mahesh Dadoda 04/01/2024

