

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080851.D
 Acq On : 31 Jan 2024 19:31
 Operator : JC\MD
 Sample : P1284-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1251

Quant Time: Jan 31 23:22:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	93876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	224883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	229160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	81558	50.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.165	113	62801	45.646	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.300%			
50) Toluene-d8	10.565	98	259218	48.137	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.853	95	98373	52.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.840%			
Target Compounds					Qvalue	
16) Acetone	4.494	43	96875	164.476	ug/l	90
25) 2-Butanone	7.506	43	4690	4.192	ug/l #	76
52) Toluene	10.629	92	2974	0.690	ug/l	95
67) Ethyl Benzene	11.965	91	2676	0.288	ug/l	92
68) m/p-Xylenes	12.070	106	1892	0.573	ug/l	75
69) o-Xylene	12.400	106	659m	0.201	ug/l	
84) 1,2,4-Trimethylbenzene	13.482	105	1734	0.251	ug/l	93

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

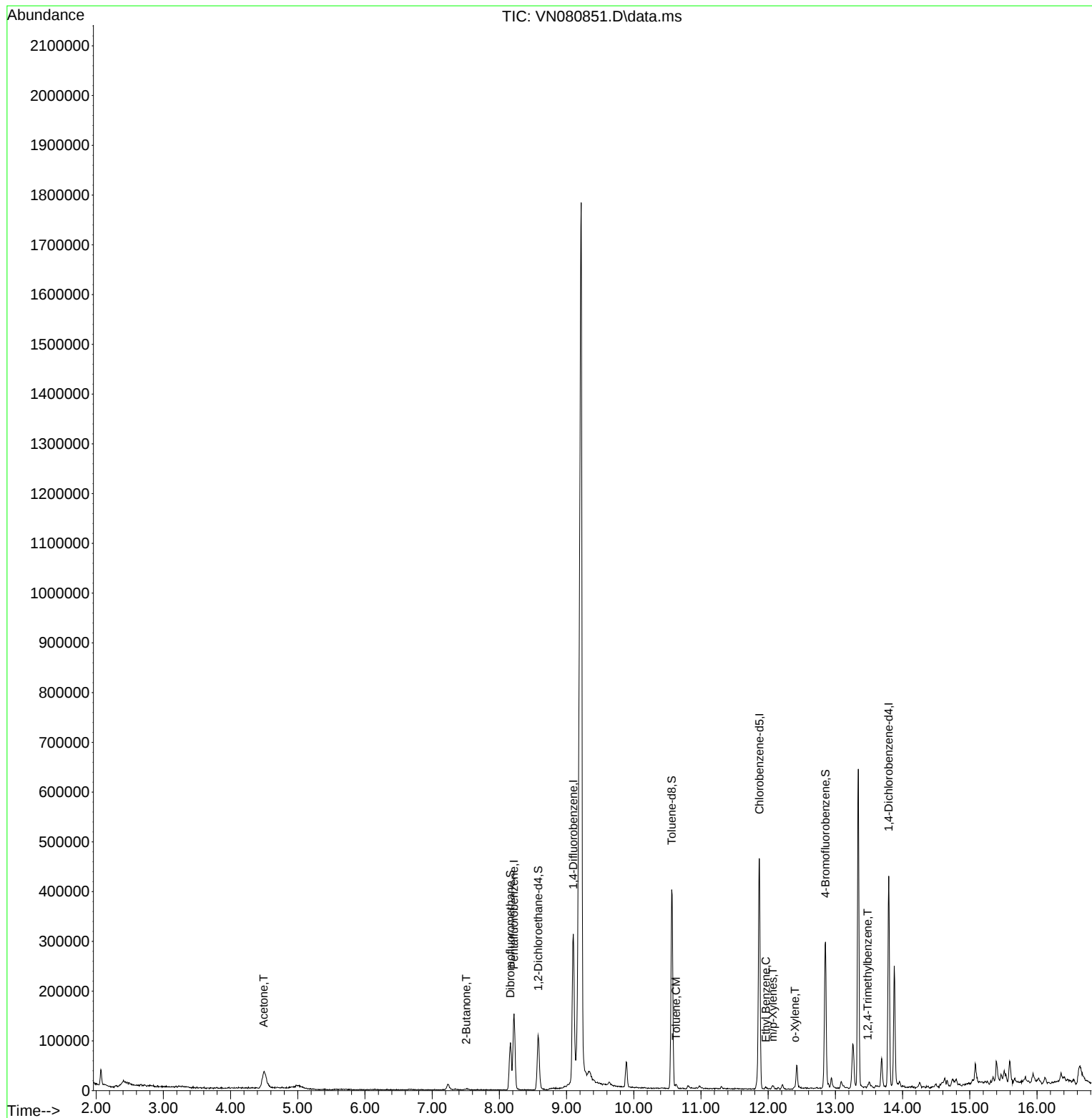
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080851.D
Acq On : 31 Jan 2024 19:31
Operator : JC\MD
Sample : P1284-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

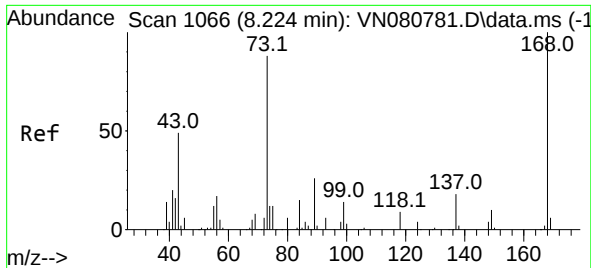
Instrument :
MSVOA_N
ClientSampleId :
1251

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

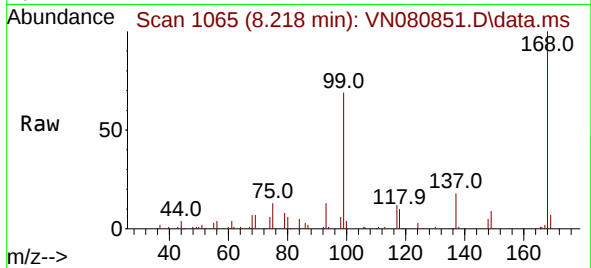
Quant Time: Jan 31 23:22:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

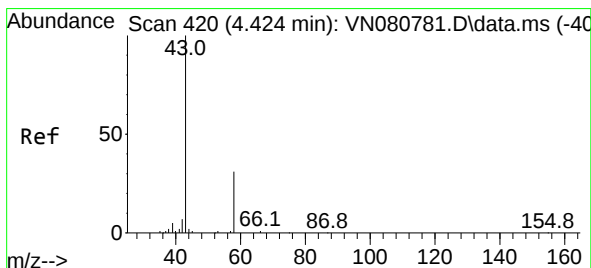
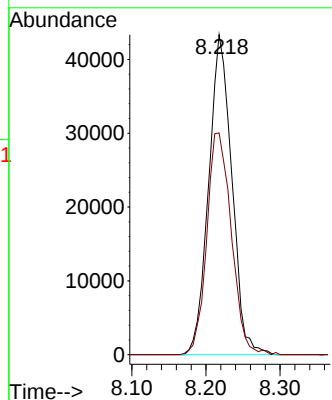
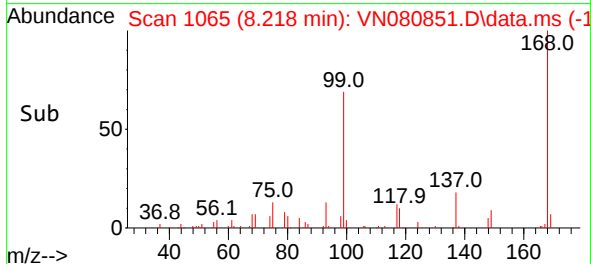
Instrument :
MSVOA_N
ClientSampleId :
1251



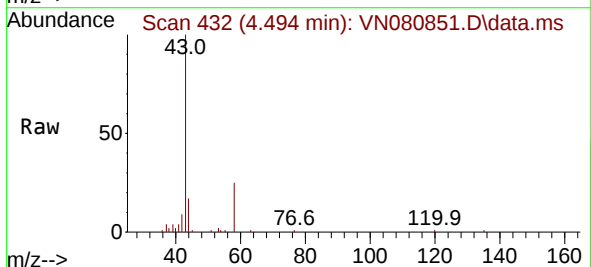
Tgt Ion:168 Resp: 93870
Ion Ratio Lower Upper
168 100
99 69.3 59.9 89.9

Manual Integrations
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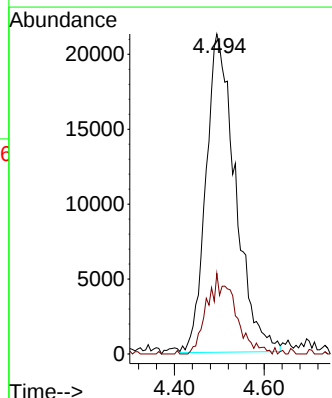
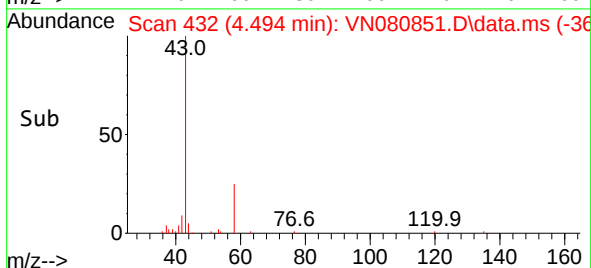
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

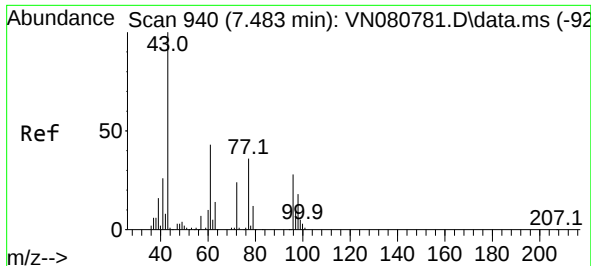


#16
Acetone
Concen: 164.476 ug/l
RT: 4.494 min Scan# 432
Delta R.T. 0.071 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31



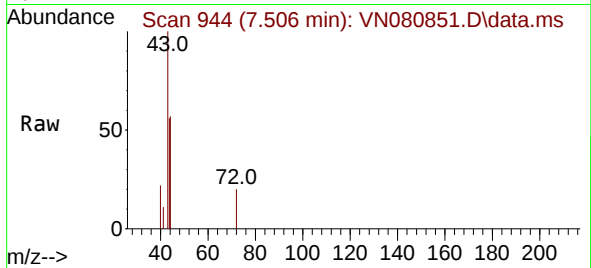
Tgt Ion: 43 Resp: 96875
Ion Ratio Lower Upper
43 100
58 25.3 24.8 37.2





#25
2-Butanone
Concen: 4.192 ug/l
RT: 7.506 min Scan# 940
Delta R.T. 0.023 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

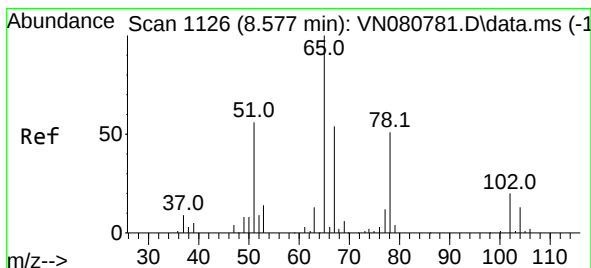
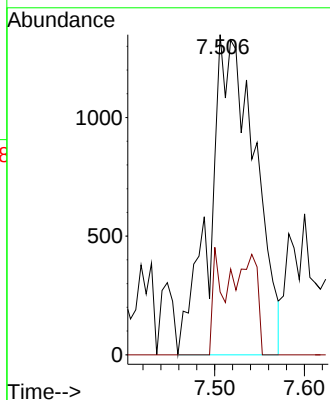
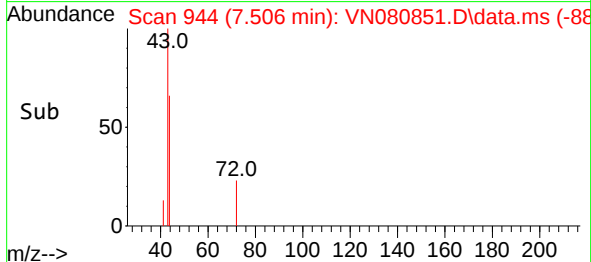
Instrument :
MSVOA_N
ClientSampleId :
1251



Tgt Ion: 43 Resp: 4690
Ion Ratio Lower Upper
43 100
72 12.6 19.5 29.3

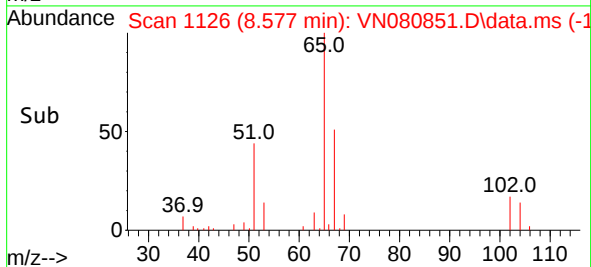
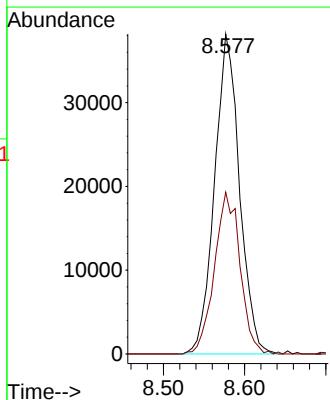
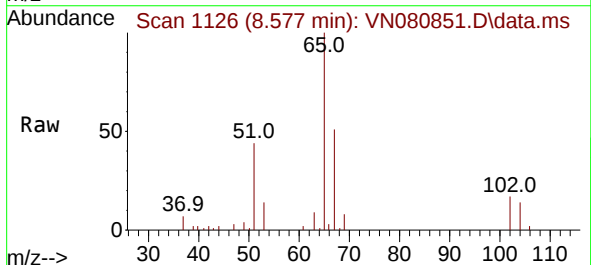
Manual Integrations
APPROVED

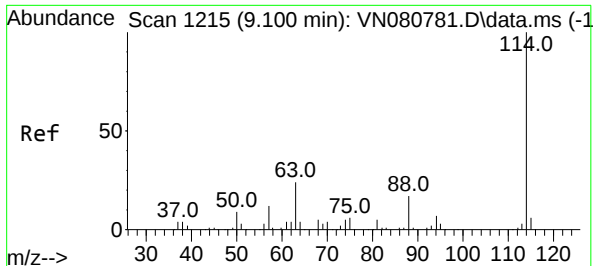
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#33
1,2-Dichloroethane-d4
Concen: 50.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

Tgt Ion: 65 Resp: 81558
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080851.D

Acq: 31 Jan 2024 19:31

Instrument :

MSVOA_N

ClientSampleId :

1251

Tgt Ion:114 Resp: 22488

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.0

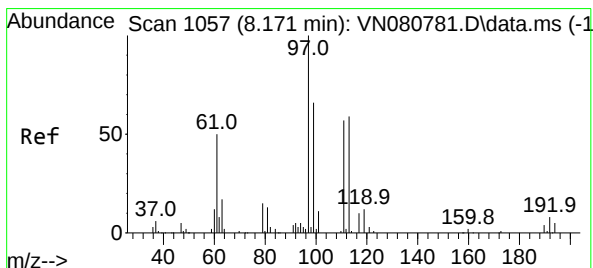
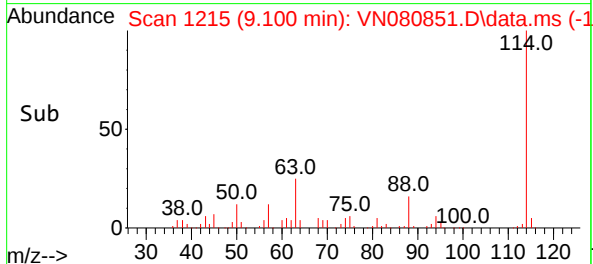
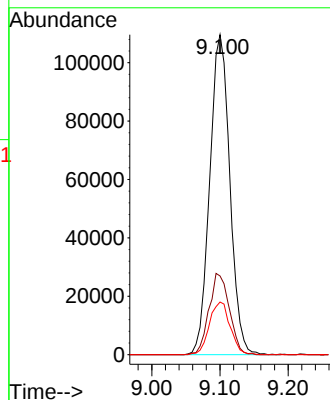
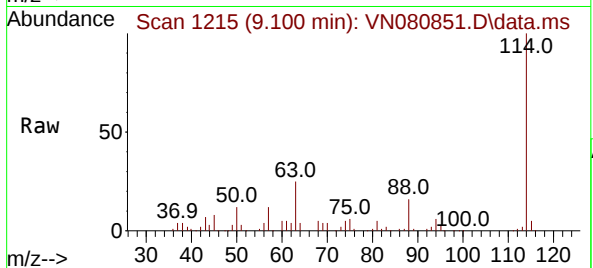
88 16.5 0.0 34.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 45.646 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080851.D

Acq: 31 Jan 2024 19:31

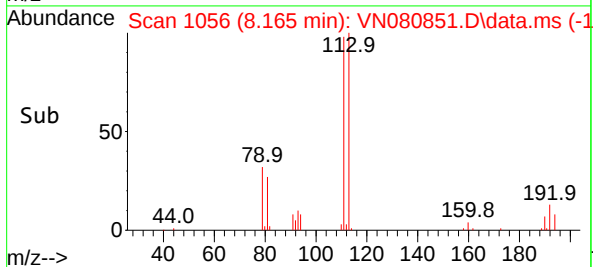
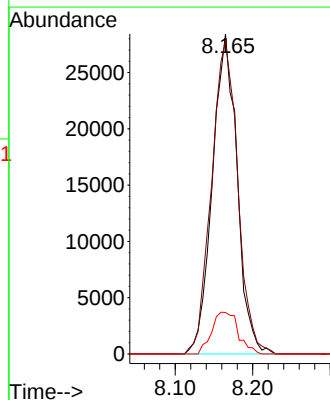
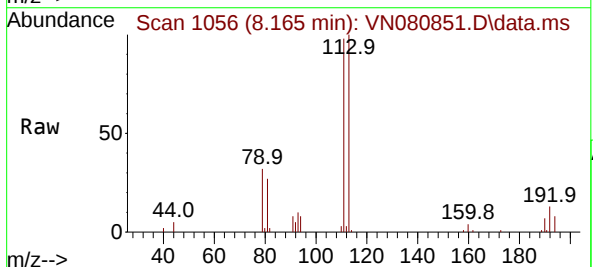
Tgt Ion:113 Resp: 62801

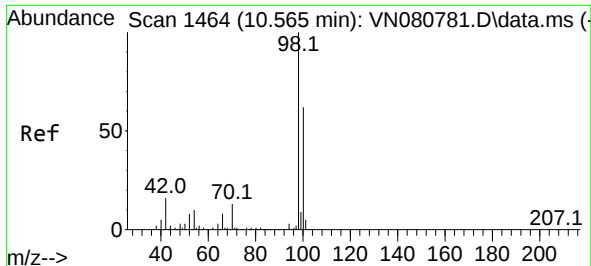
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

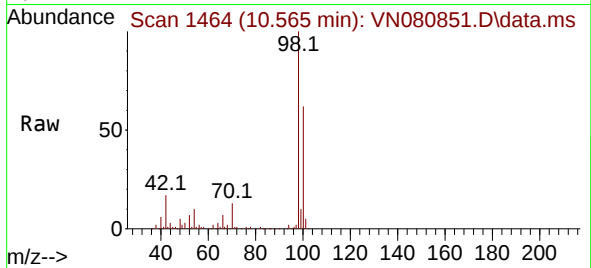
192 14.1 12.5 18.7





#50
Toluene-d8
Concen: 48.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

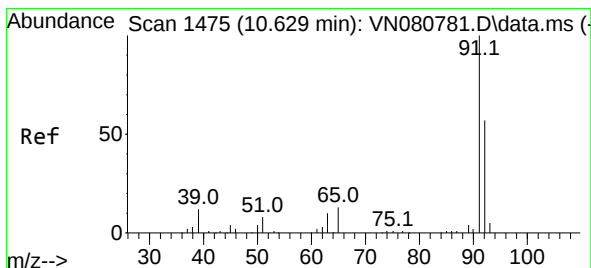
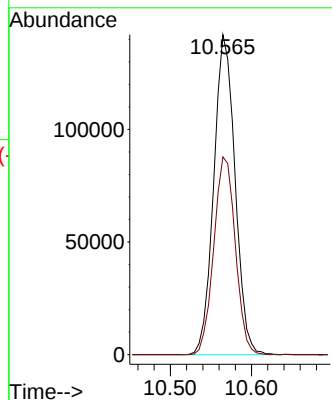
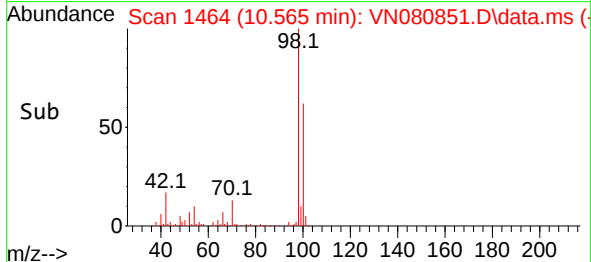
Instrument :
MSVOA_N
ClientSampleId :
1251



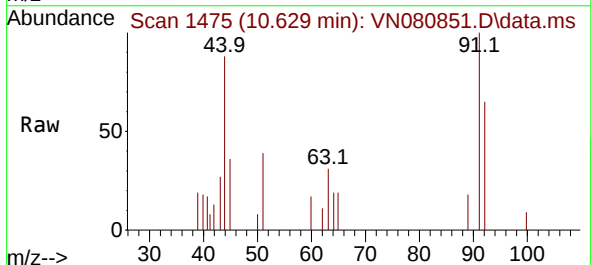
Tgt Ion: 98 Resp: 259218
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0

Manual Integrations
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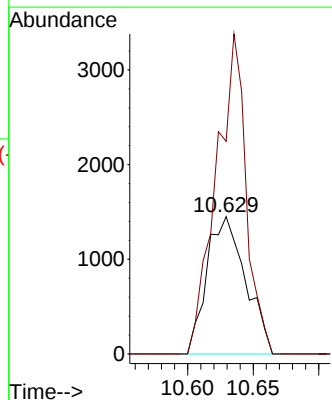
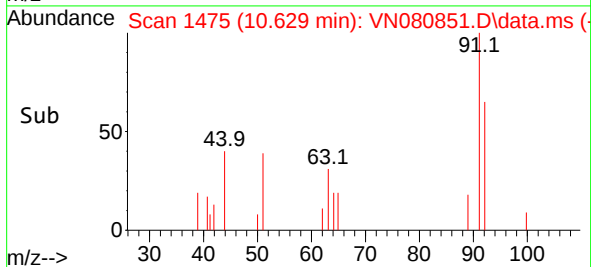
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

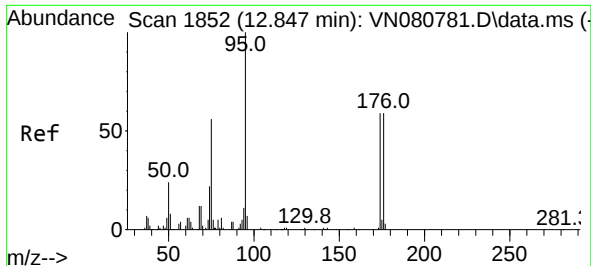


#52
Toluene
Concen: 0.690 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31



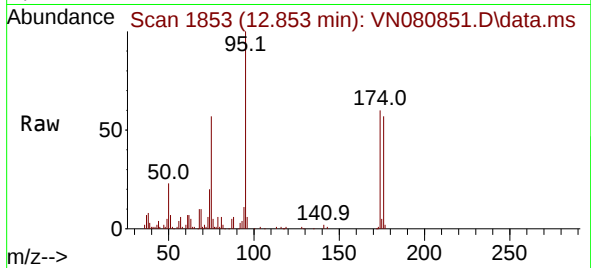
Tgt Ion: 92 Resp: 2974
Ion Ratio Lower Upper
92 100
91 180.9 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 52.423 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

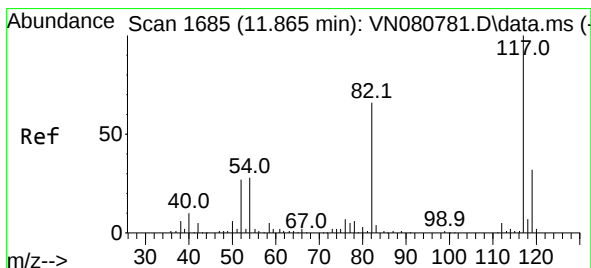
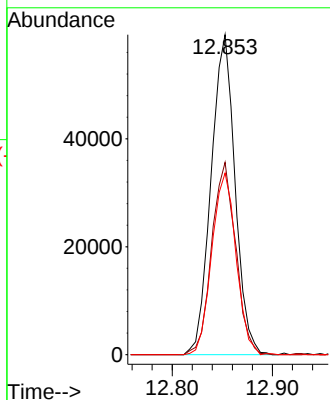
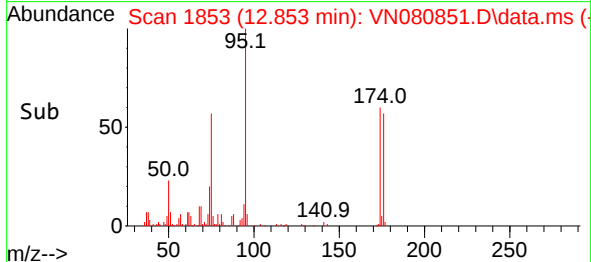
Instrument :
MSVOA_N
ClientSampleId :
1251



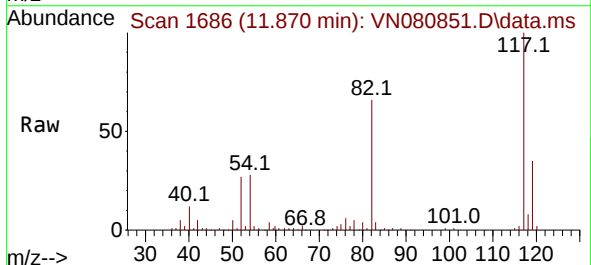
Tgt Ion: 95 Resp: 9837
Ion Ratio Lower Upper
95 100
174 60.1 0.0 120.4
176 57.4 0.0 121.0

Manual Integrations
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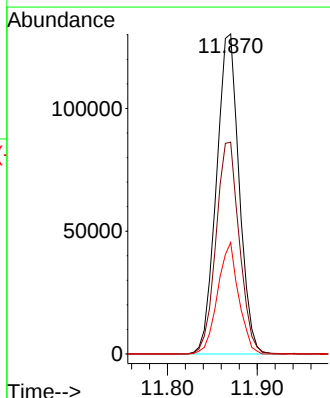
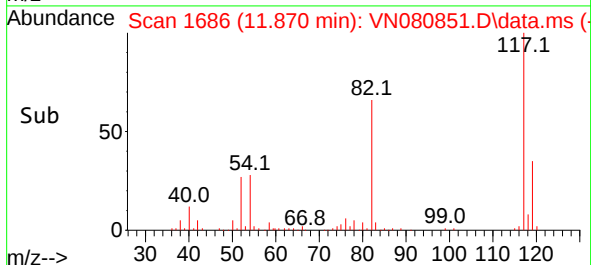
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

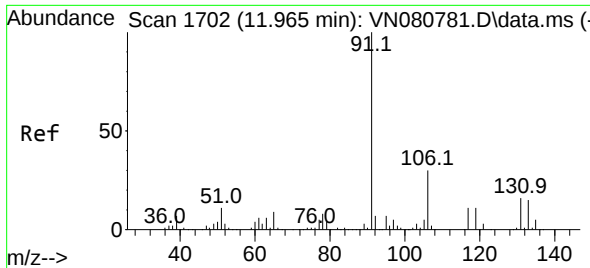


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31



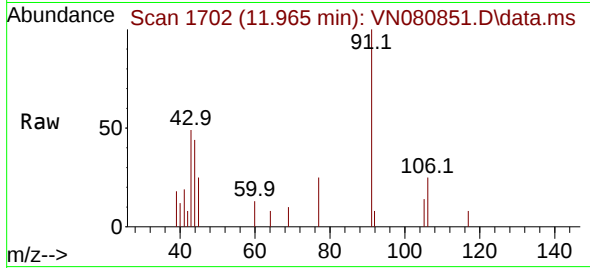
Tgt Ion:117 Resp: 229160
Ion Ratio Lower Upper
117 100
82 66.2 52.7 79.1
119 34.8 25.3 37.9





#67
Ethyl Benzene
Concen: 0.288 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

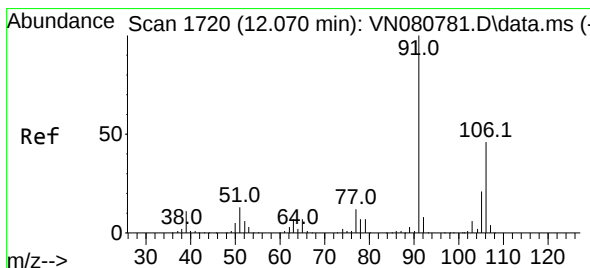
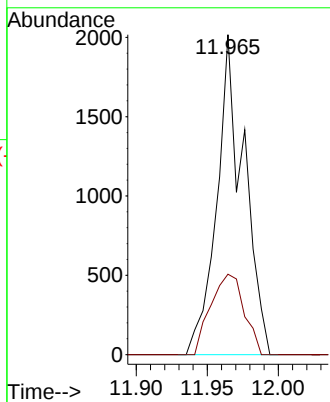
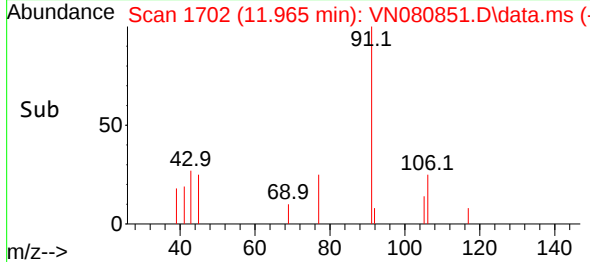
Instrument :
MSVOA_N
ClientSampleId :
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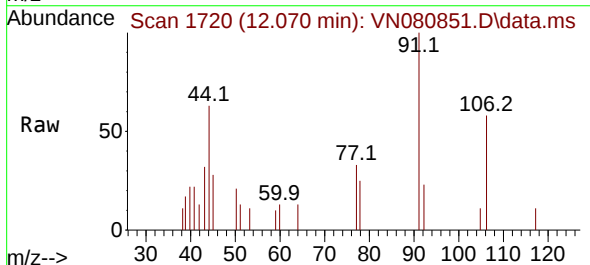
Tgt Ion: 91 Resp: 2670
Ion Ratio Lower Upper
91 100
106 25.1 23.8 35.6

Manual Integrations
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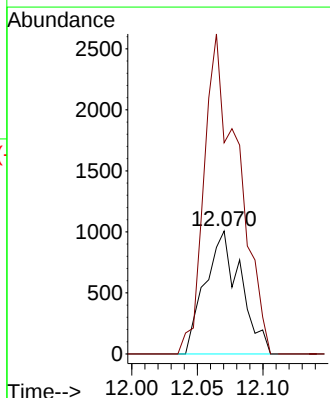
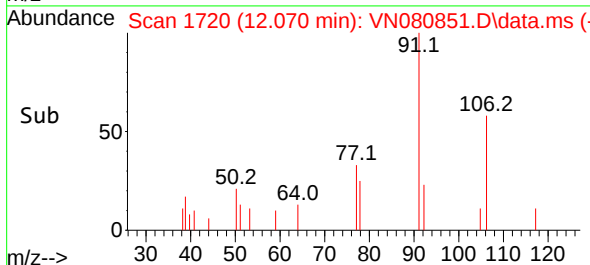
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

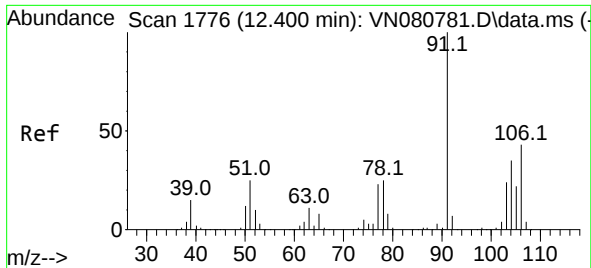


#68
m/p-Xylenes
Concen: 0.573 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31



Tgt Ion:106 Resp: 1892
Ion Ratio Lower Upper
106 100
91 250.7 169.0 253.6





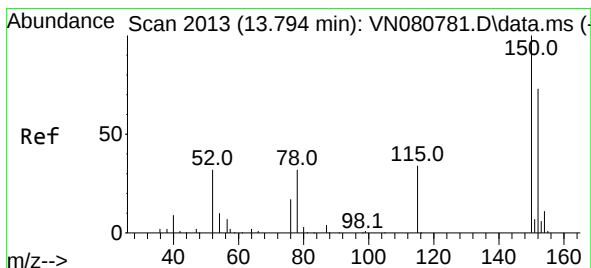
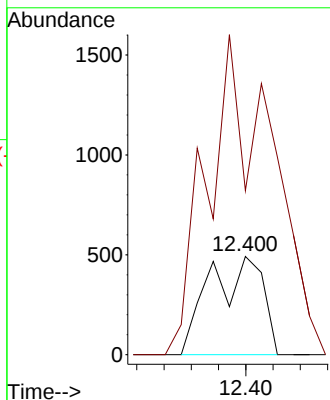
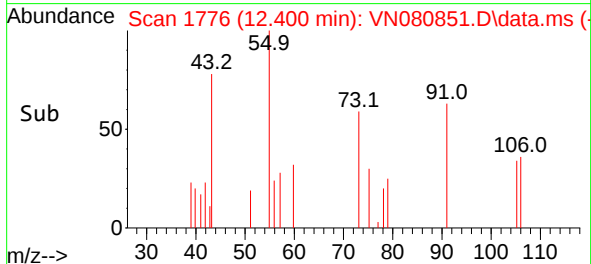
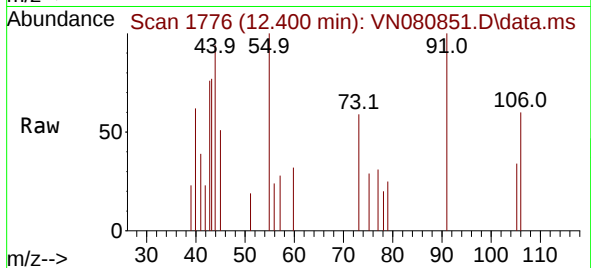
#69
o-Xylene
Concen: 0.201 ug/l m
RT: 12.400 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :
1251

Tgt Ion:106 Resp: 659
Ion Ratio Lower Upper
106 100
91 397.6 112.1 336.3

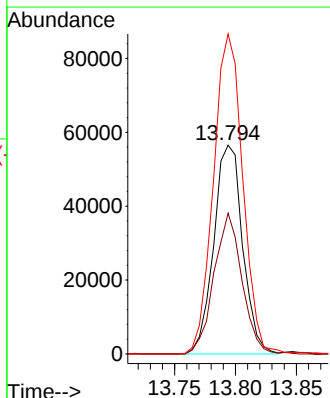
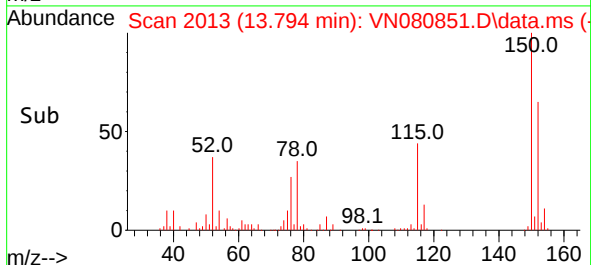
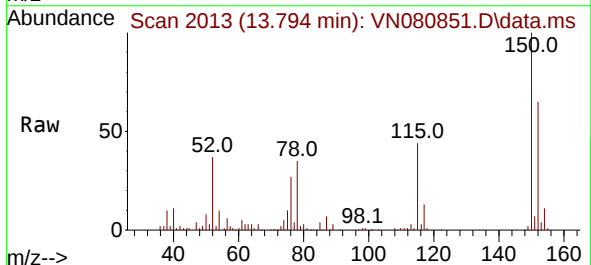
Manual Integrations
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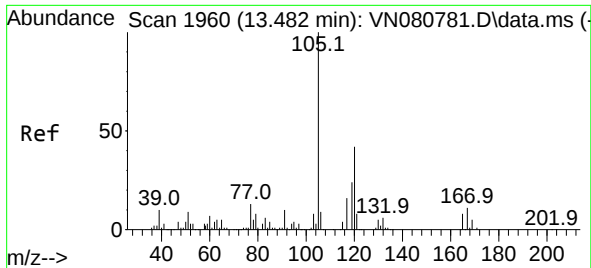
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

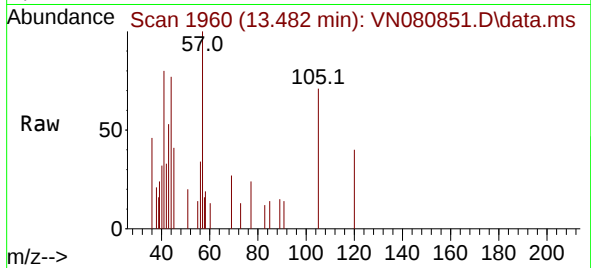
Tgt Ion:152 Resp: 93358
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 155.8 0.0 339.8





#84
1,2,4-Trimethylbenzene
Concen: 0.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080851.D
Acq: 31 Jan 2024 19:31

Instrument :
MSVOA_N
ClientSampleId :
1251



Tgt Ion:105 Resp: 1734
Ion Ratio Lower Upper
105 100
120 37.2 20.9 62.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

