

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081180.D
 Acq On : 23 Feb 2024 23:45
 Operator : JC\MD
 Sample : P1574-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-10

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

Quant Time: Feb 24 01:13:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	526688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	472625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169626	52.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.340%			
35) Dibromofluoromethane	8.171	113	143358	48.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.260%			
50) Toluene-d8	10.571	98	473667	44.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.560%			
62) 4-Bromofluorobenzene	12.853	95	177426	44.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.280%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	85399	66.751	ug/l	98
18) Methyl Acetate	5.024	43	8576m	2.748	ug/l	
20) Methylene Chloride	5.271	84	20525	5.372	ug/l #	89
25) 2-Butanone	7.494	43	11446	5.538	ug/l	94
37) Ethyl Acetate	7.571	43	7116	1.545	ug/l #	93
40) Benzene	8.612	78	38113	2.581	ug/l	99
43) Isopropyl Acetate	8.688	43	474407	58.905	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	23234	5.015	ug/l #	85
52) Toluene	10.635	92	23828	2.549	ug/l	96
68) m/p-Xylenes	12.065	106	8550	1.219	ug/l	82
95) Naphthalene	15.647	128	213798	15.892	ug/l	98

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

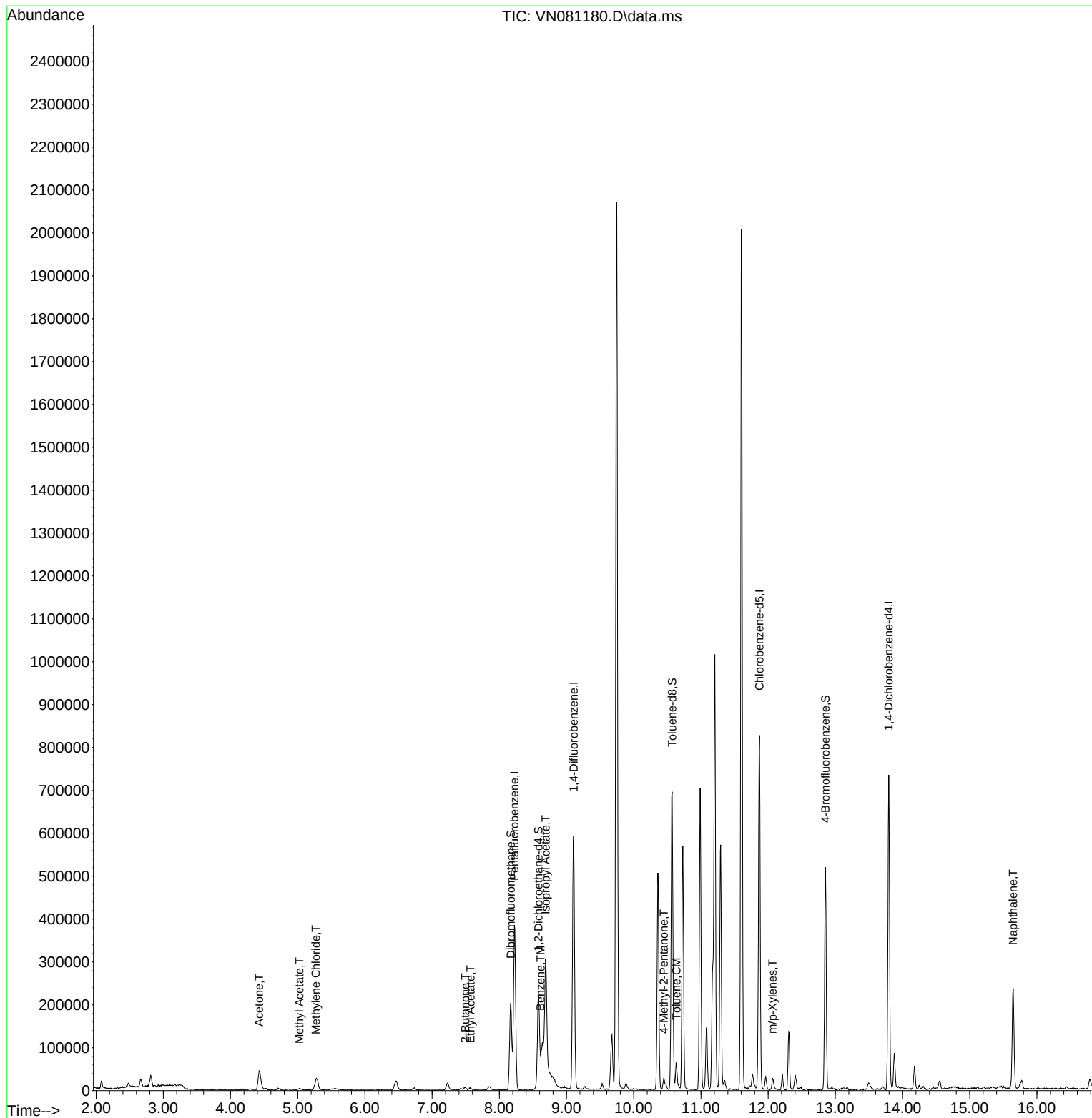
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081180.D
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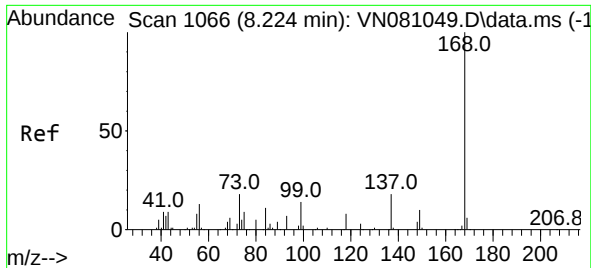
Instrument :
MSVOA_N
ClientSampleId :
SB-10

Quant Time: Feb 24 01:13:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

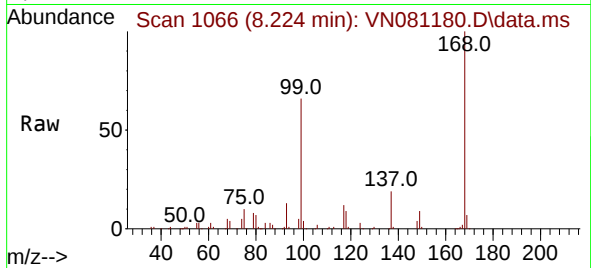
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

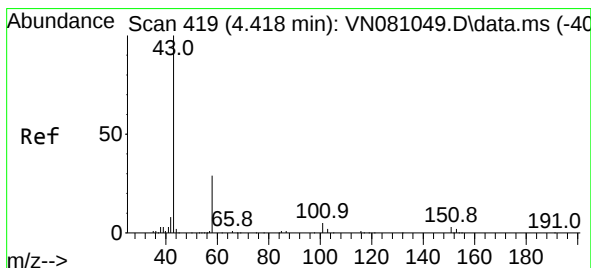
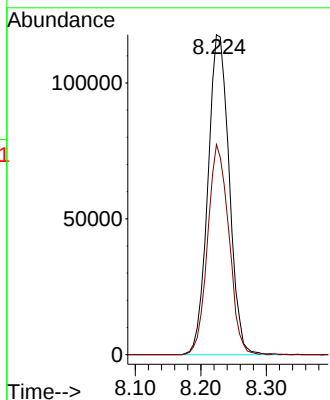
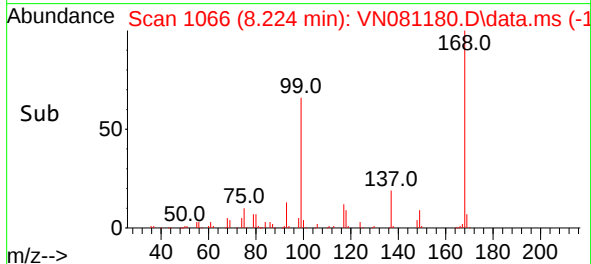
Instrument :
MSVOA_N
ClientSampleId :
SB-10



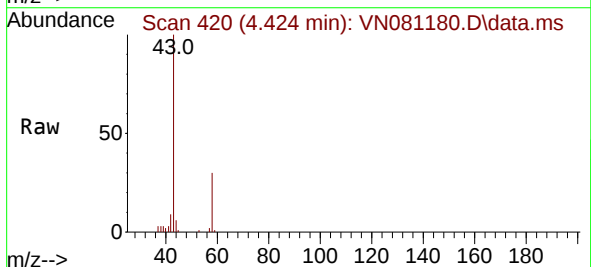
Tgt Ion:168 Resp: 26526
Ion Ratio Lower Upper
168 100
99 65.6 59.9 89.9

Manual Integrations
APPROVED

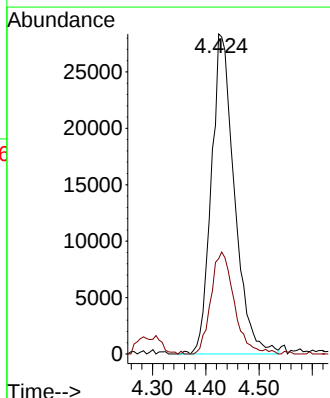
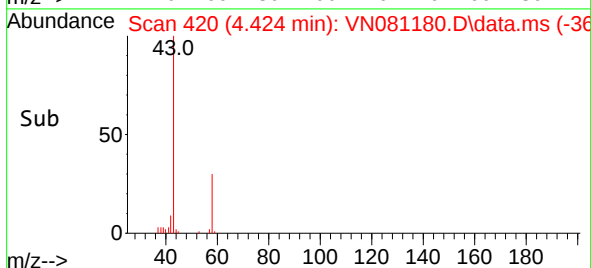
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

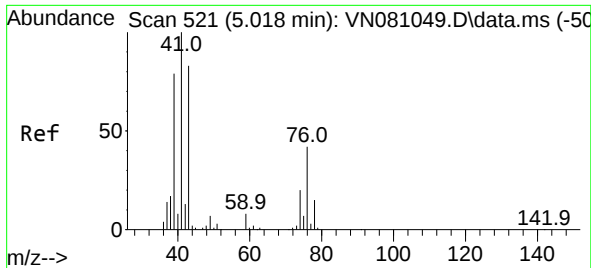


#16
Acetone
Concen: 66.751 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45



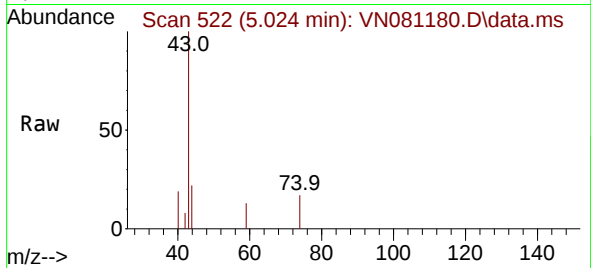
Tgt Ion: 43 Resp: 85399
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





#18
Methyl Acetate
Concen: 2.748 ug/l m
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

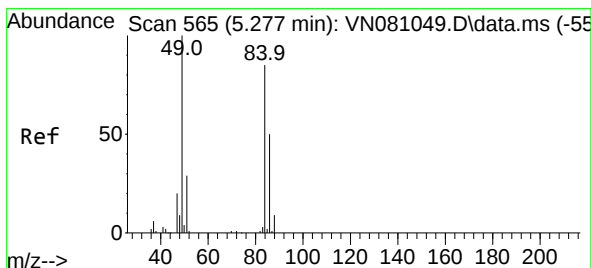
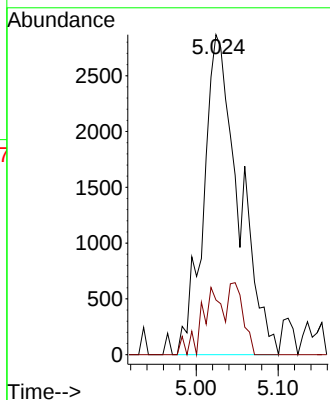
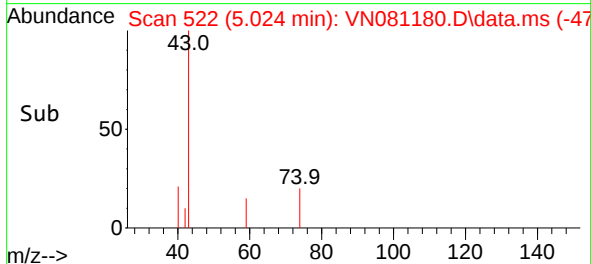
Instrument :
MSVOA_N
ClientSampleId :
SB-10



Tgt Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
74 11.5 17.3 25.9

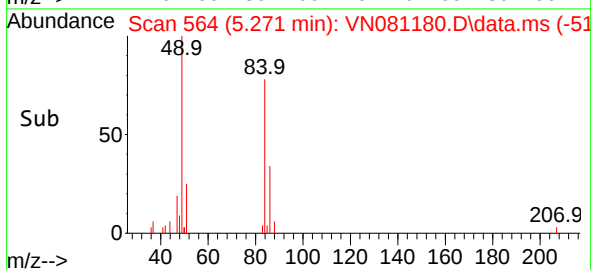
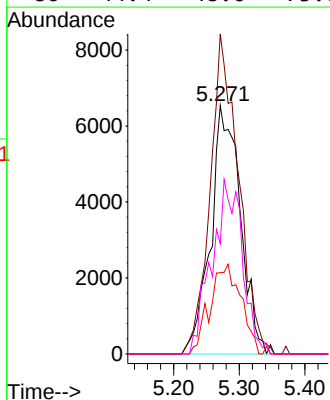
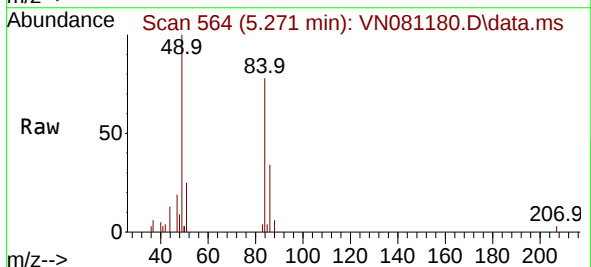
Manual Integrations
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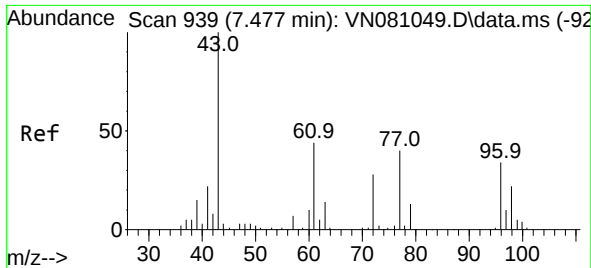
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 5.372 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

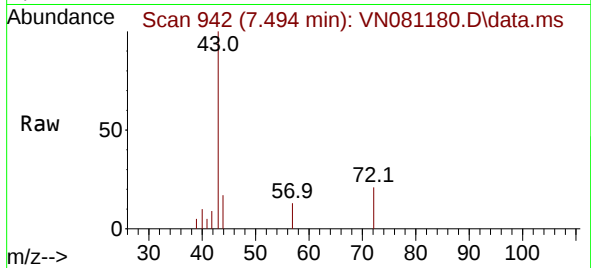
Tgt Ion: 84 Resp: 20525
Ion Ratio Lower Upper
84 100
49 128.9 108.1 162.1
51 32.7 32.9 49.3#
86 44.4 48.6 73.0#





#25
2-Butanone
Concen: 5.538 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

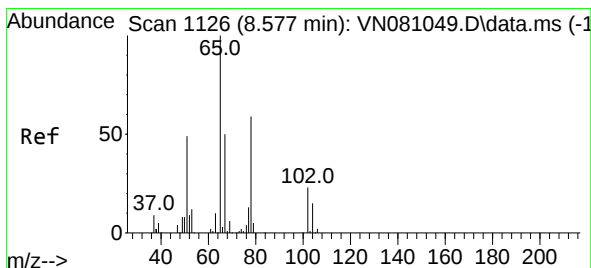
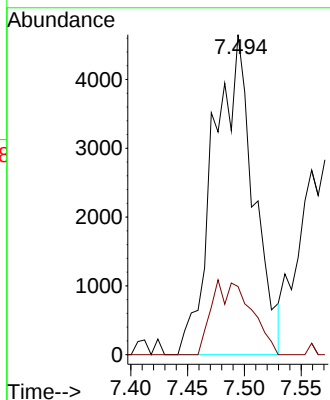
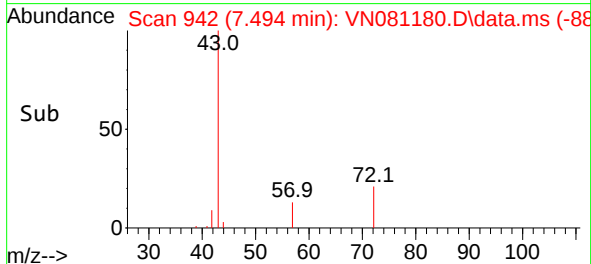
Instrument :
MSVOA_N
ClientSampleId :
SB-10



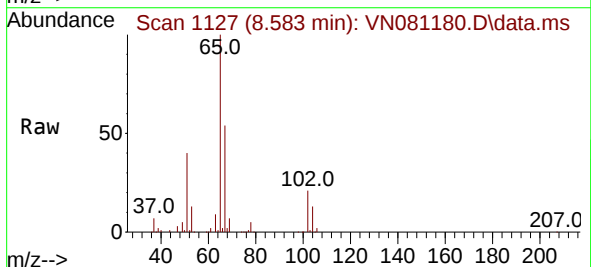
Tgt Ion: 43 Resp: 11440
Ion Ratio Lower Upper
43 100
72 21.3 19.5 29.3

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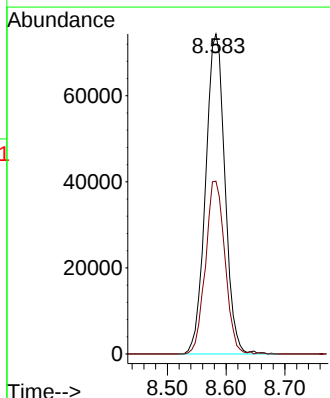
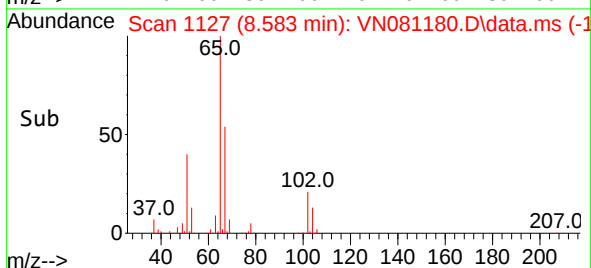
Reviewed By :John Carlone 02/26/2024
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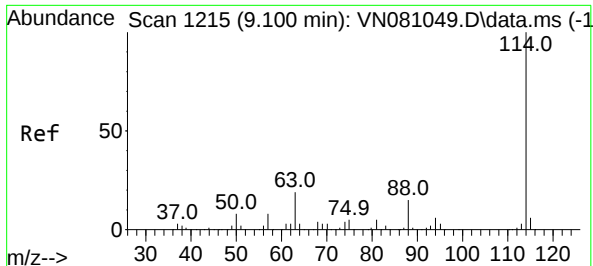


#33
1,2-Dichloroethane-d4
Concen: 52.170 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45



Tgt Ion: 65 Resp: 169626
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081180.D

Acq: 23 Feb 2024 23:45

Instrument :

MSVOA_N

ClientSampleId :

SB-10

Tgt Ion:114 Resp: 52668

Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

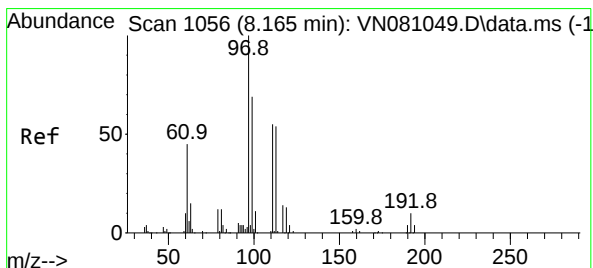
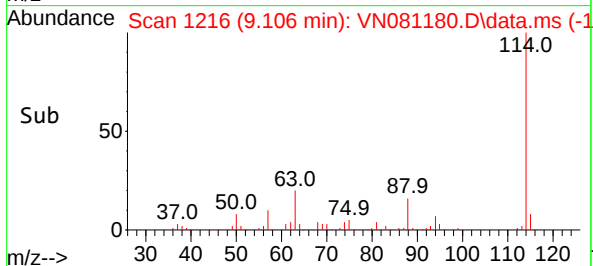
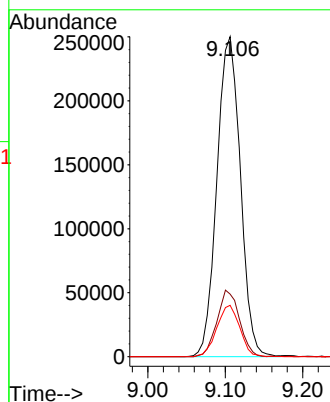
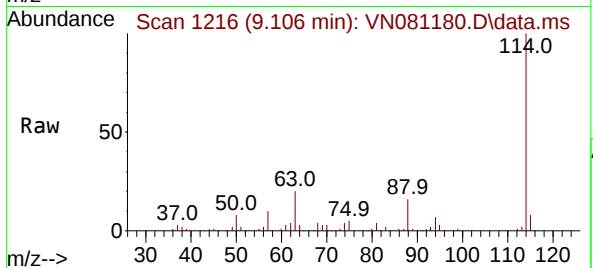
88 16.0 0.0 34.8

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#35

Dibromofluoromethane

Concen: 48.135 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081180.D

Acq: 23 Feb 2024 23:45

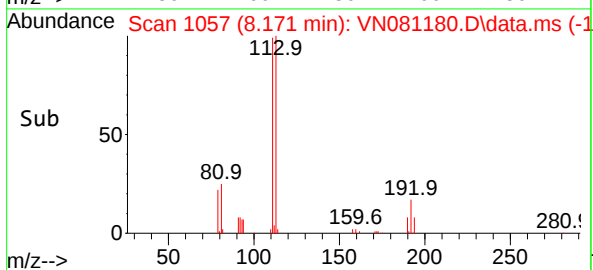
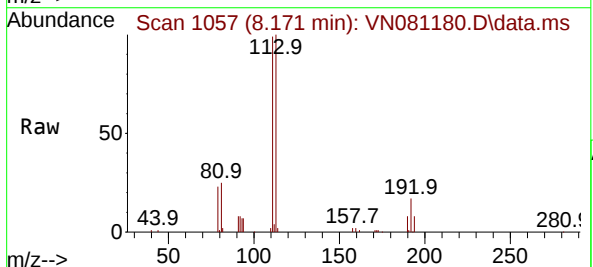
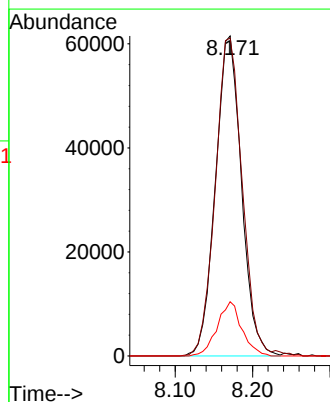
Tgt Ion:113 Resp: 143358

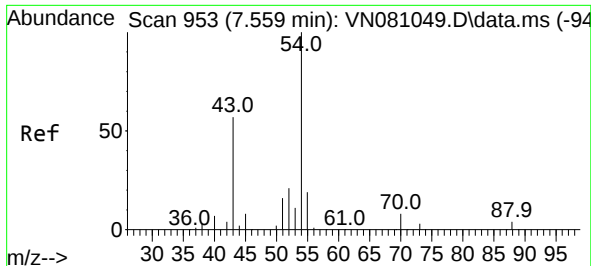
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

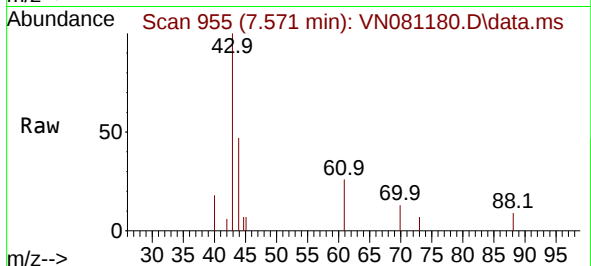
192 16.1 12.5 18.7





#37
Ethyl Acetate
Concen: 1.545 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

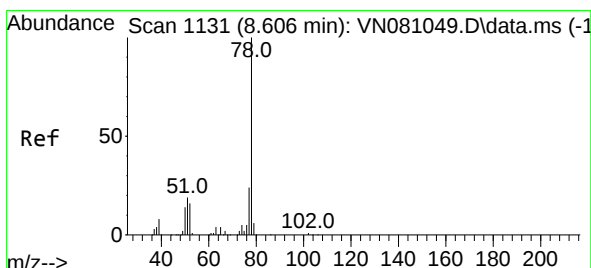
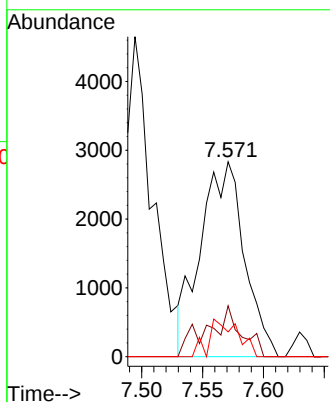
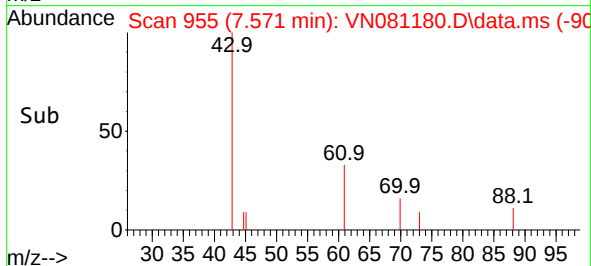
Instrument :
MSVOA_N
ClientSampleId :
SB-10



Tgt Ion: 43 Resp: 7110
Ion Ratio Lower Upper
43 100
61 15.8 10.6 15.8
70 12.7 8.0 12.0

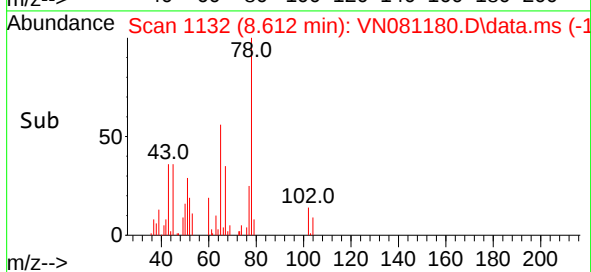
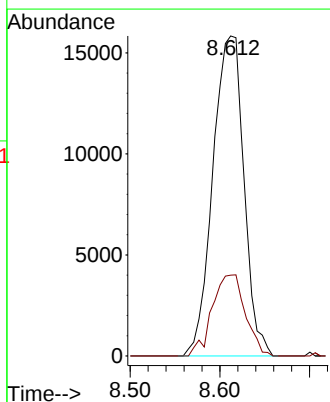
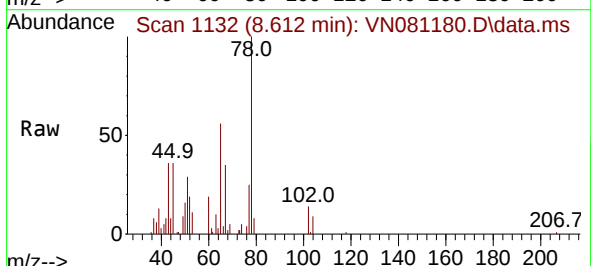
Manual Integrations
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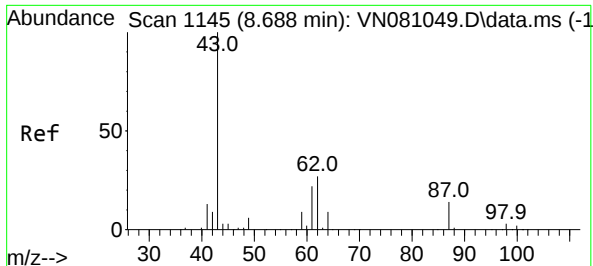
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#40
Benzene
Concen: 2.581 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

Tgt Ion: 78 Resp: 38113
Ion Ratio Lower Upper
78 100
77 25.2 20.4 30.6





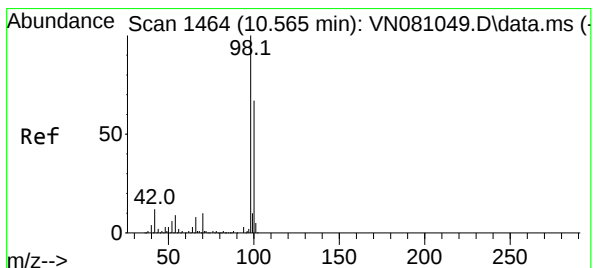
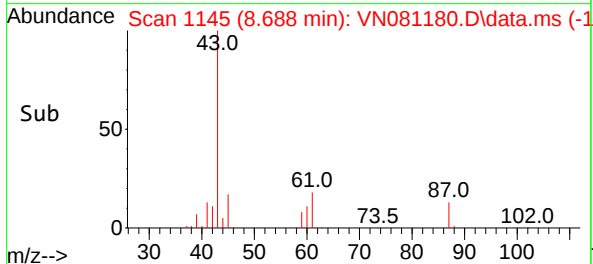
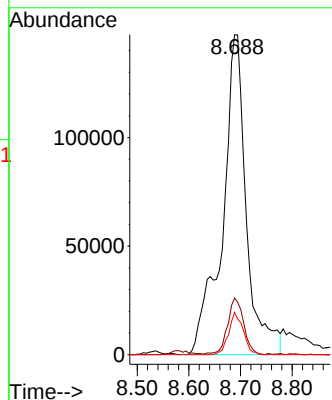
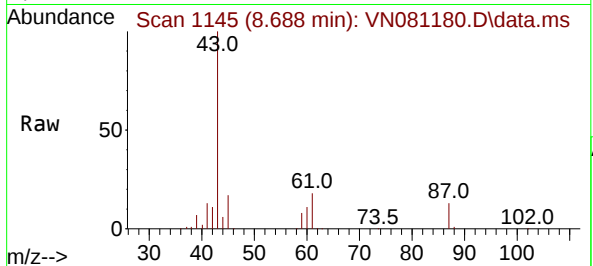
#43
Isopropyl Acetate
Concen: 58.905 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

Instrument :
MSVOA_N
ClientSampleId :
SB-10

Tgt Ion: 43 Resp: 47440
Ion Ratio Lower Upper
43 100
61 11.9 19.9 29.9
87 8.1 9.0 13.6

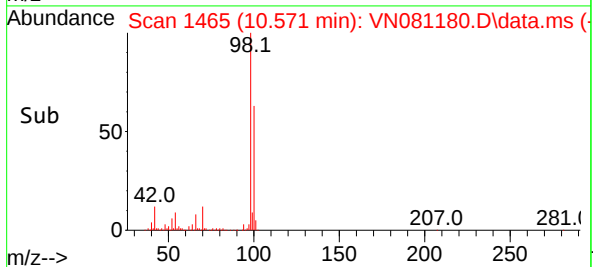
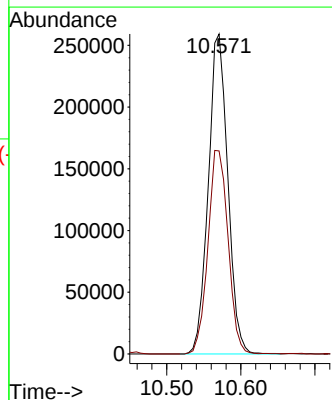
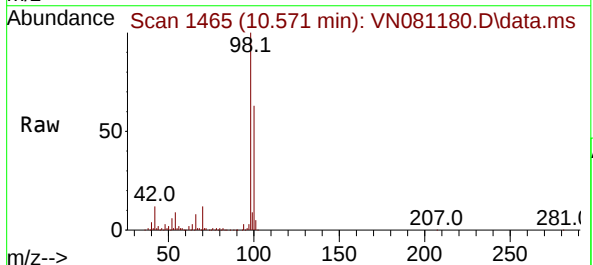
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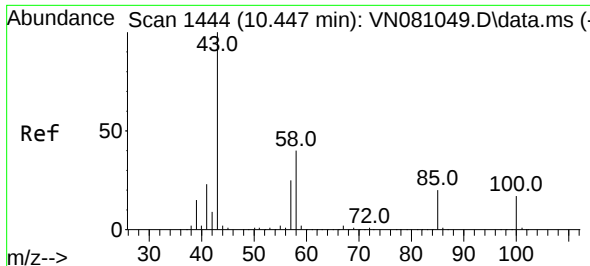
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#50
Toluene-d8
Concen: 44.779 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

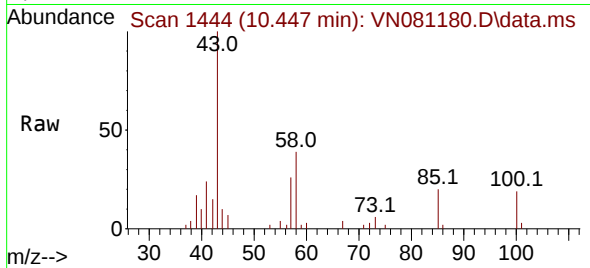
Tgt Ion: 98 Resp: 473667
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 5.015 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

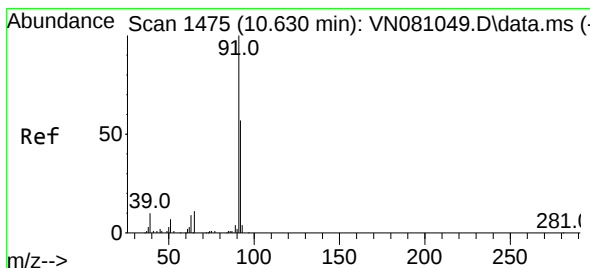
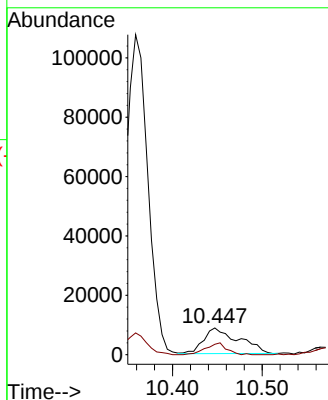
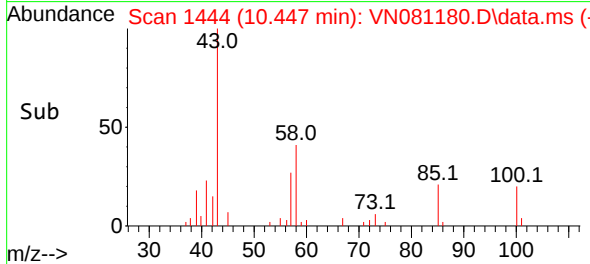
Instrument :
MSVOA_N
ClientSampleId :
SB-10



Tgt Ion: 43 Resp: 23234
Ion Ratio Lower Upper
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58 27.5 29.4 44.0

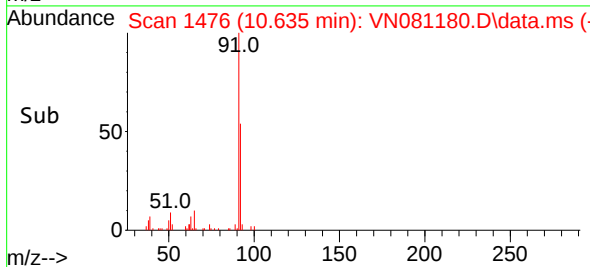
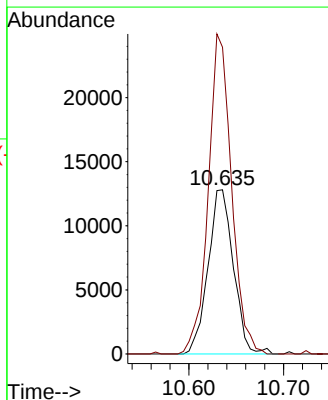
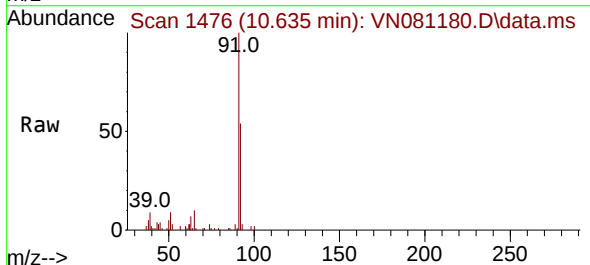
Manual Integrations
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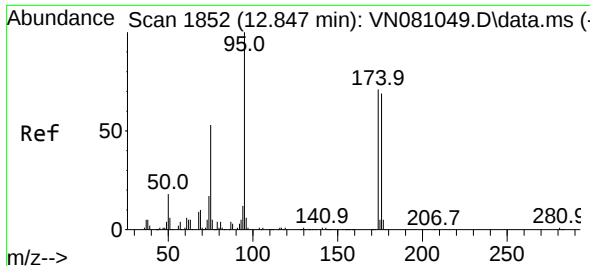
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
Toluene
Concen: 2.549 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

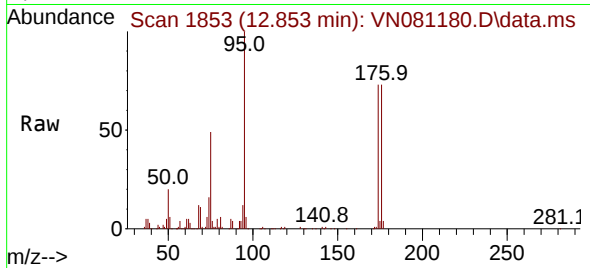
Tgt Ion: 92 Resp: 23828
Ion Ratio Lower Upper
92 100
91 179.1 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 44.639 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

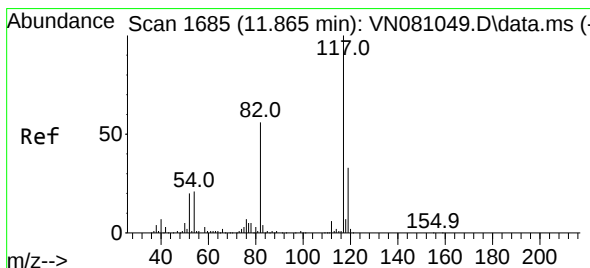
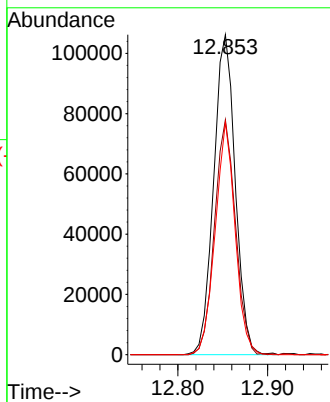
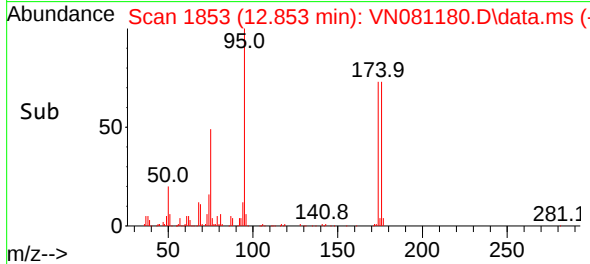
Instrument :
MSVOA_N
ClientSampleId :
SB-10



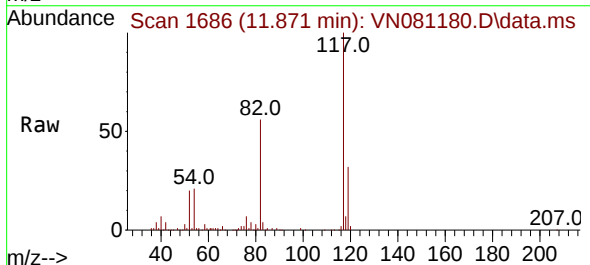
Tgt Ion: 95 Resp: 177420
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 67.0 0.0 121.0

Manual Integrations
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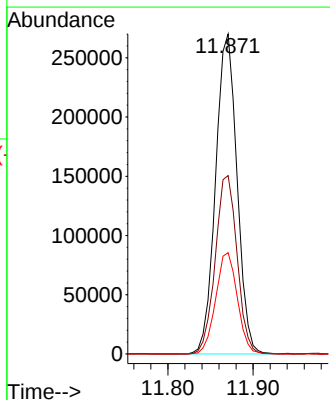
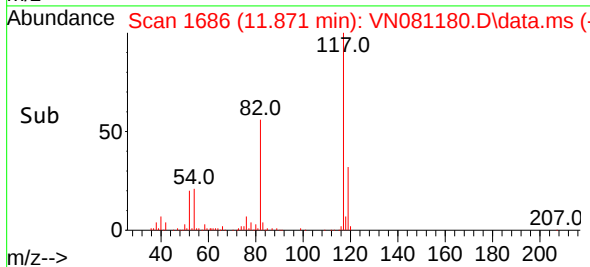
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

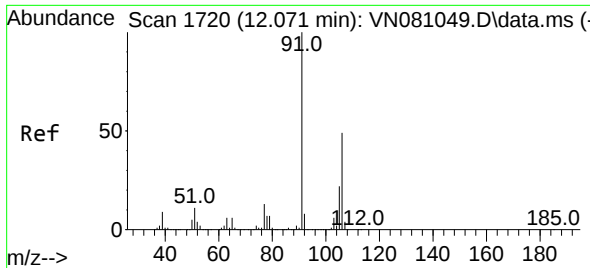


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45



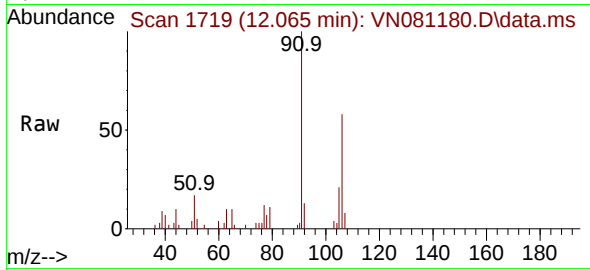
Tgt Ion:117 Resp: 472625
Ion Ratio Lower Upper
117 100
82 55.8 52.7 79.1
119 31.6 25.3 37.9





#68
m/p-Xylenes
Concen: 1.219 ug/l
RT: 12.065 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

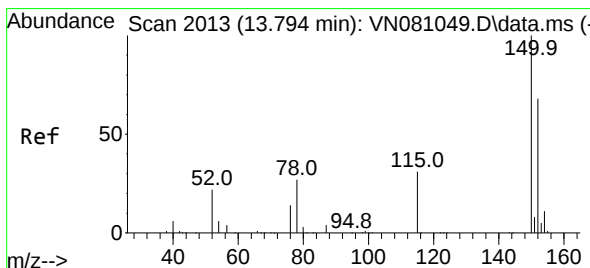
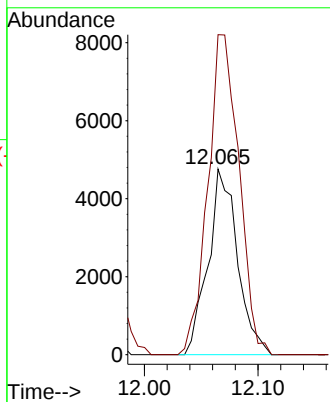
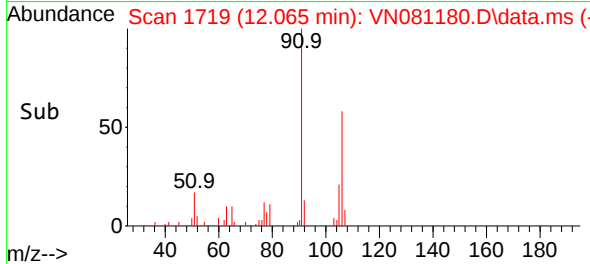
Instrument :
MSVOA_N
ClientSampleId :
SB-10



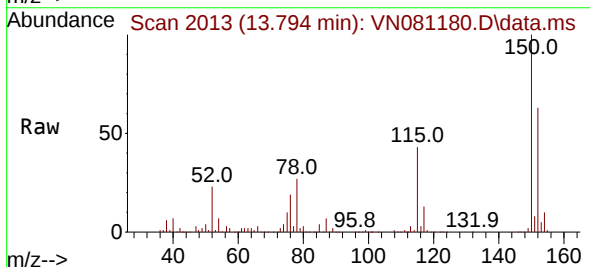
Tgt Ion:106 Resp: 8550
Ion Ratio Lower Upper
106 100
91 182.9 169.0 253.6

Manual Integrations
APPROVED

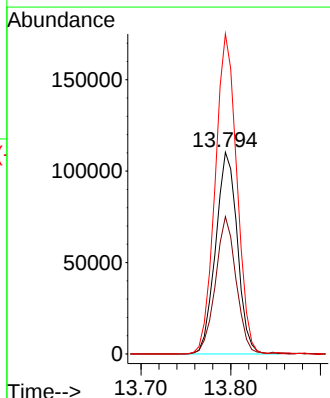
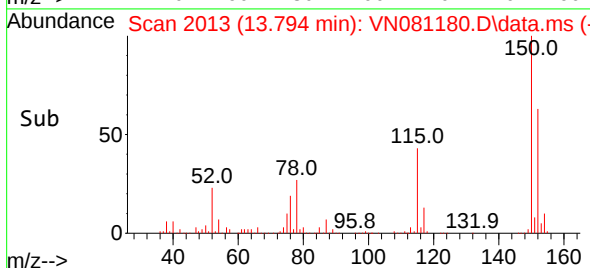
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

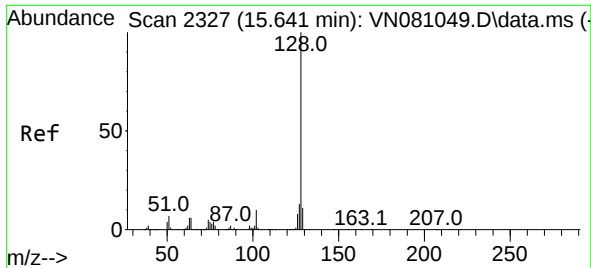


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45



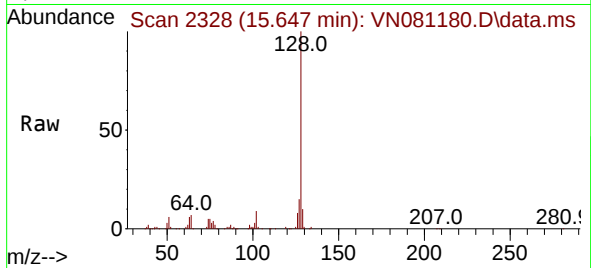
Tgt Ion:152 Resp: 185095
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 158.4 0.0 339.8





#95
Naphthalene
Concen: 15.892 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081180.D
Acq: 23 Feb 2024 23:45

Instrument :
MSVOA_N
ClientSampleId :
SB-10



Tgt Ion:128 Resp: 213798
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

