

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081178.D
 Acq On : 23 Feb 2024 22:58
 Operator : JC\MD
 Sample : P1574-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-8

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 01:12:45 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	8.230	168	277421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172344	50.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.360%		
35) Dibromofluoromethane	8.171	113	146250	46.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.260%		
50) Toluene-d8	10.571	98	484098	43.461	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.920%		
62) 4-Bromofluorobenzene	12.853	95	179875	42.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.960%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.530	59	4182	6.687	ug/l #	79
16) Acetone	4.424	43	83186	62.173	ug/l	97
18) Methyl Acetate	5.048	43	7916m	2.425	ug/l	
20) Methylene Chloride	5.289	84	23383	5.936	ug/l #	78
37) Ethyl Acetate	7.565	43	7216	1.488	ug/l	98
40) Benzene	8.606	78	104135	6.696	ug/l	96
43) Isopropyl Acetate	8.688	43	537209	63.345	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	30368	6.225	ug/l	90
52) Toluene	10.635	92	62695	6.368	ug/l	100
68) m/p-Xylenes	12.065	106	21029	2.798	ug/l	92
69) o-Xylene	12.400	106	16379	2.199	ug/l	91
95) Naphthalene	15.641	128	566551	38.252	ug/l	100

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

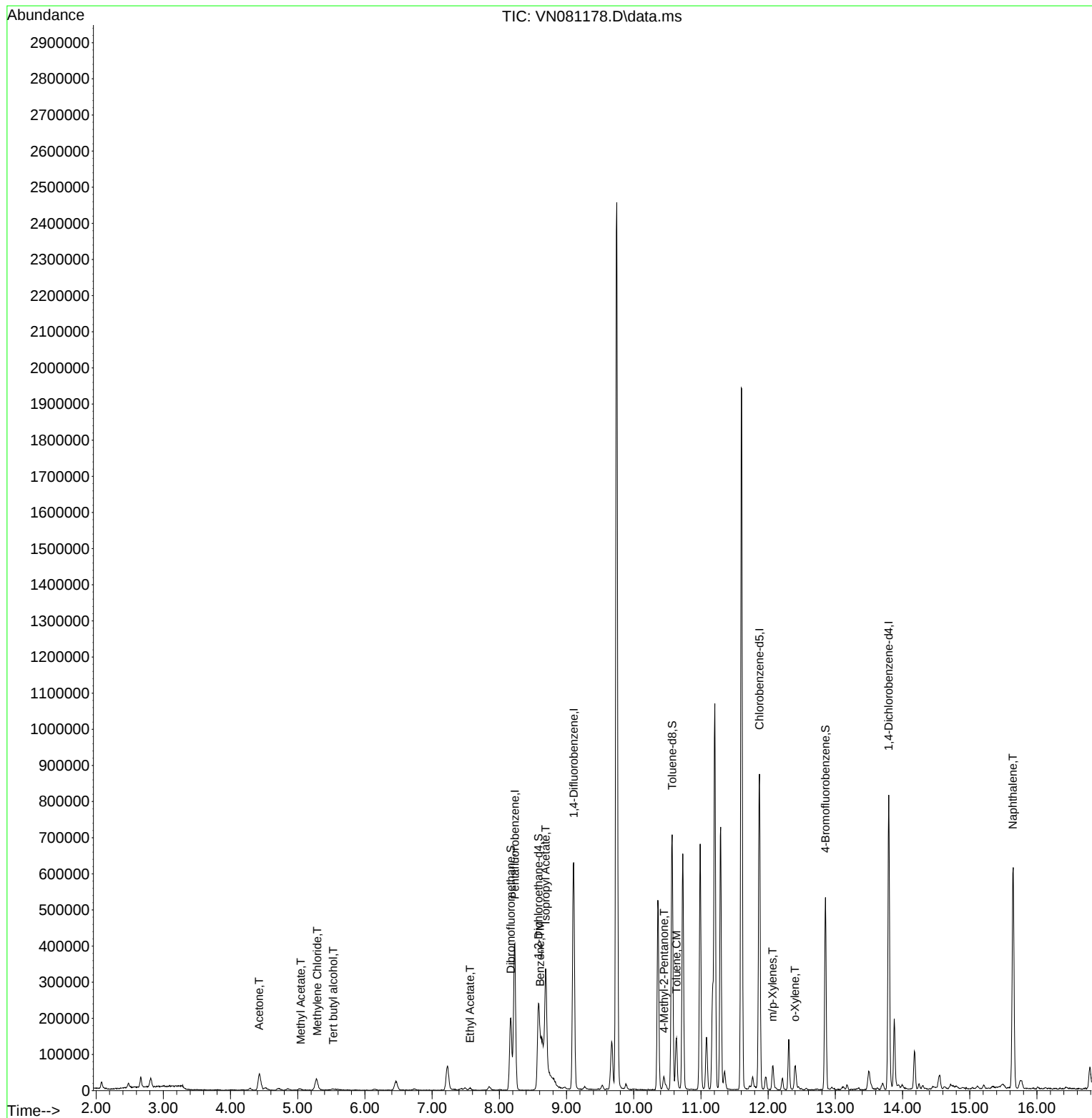
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081178.D
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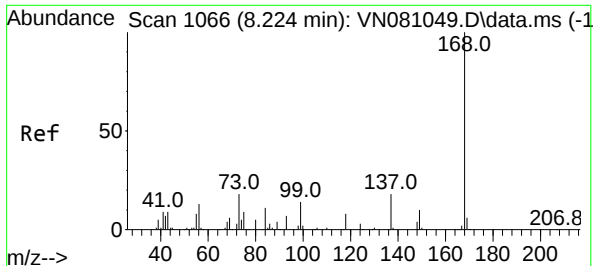
Instrument :
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SB-8

Quant Time: Feb 24 01:12:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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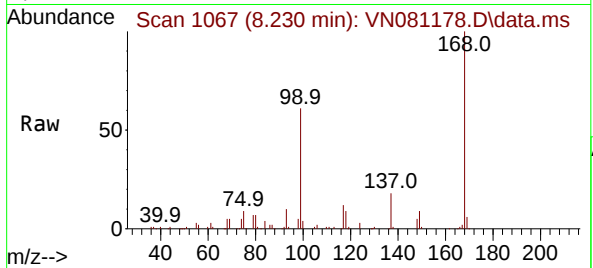
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

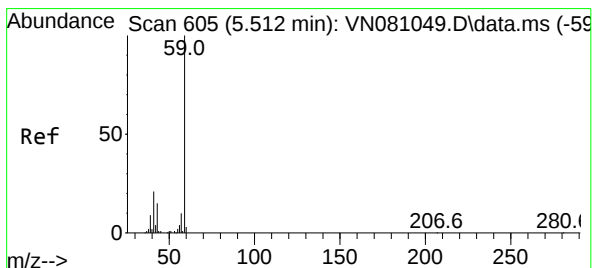
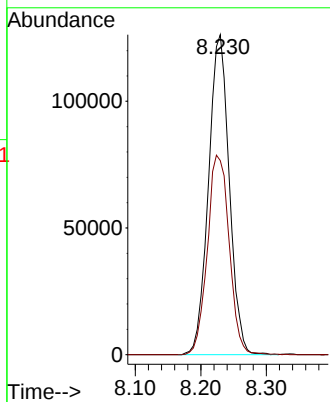
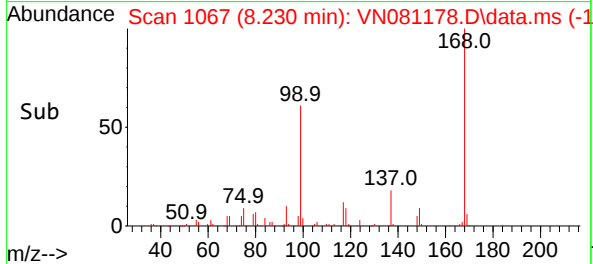
Instrument :
MSVOA_N
ClientSampleId :
SB-8



Tgt Ion:168 Resp: 27742
Ion Ratio Lower Upper
168 100
99 60.7 59.9 89.9

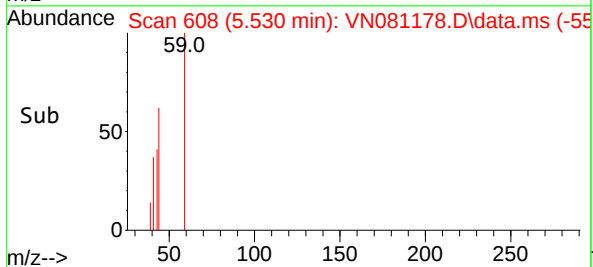
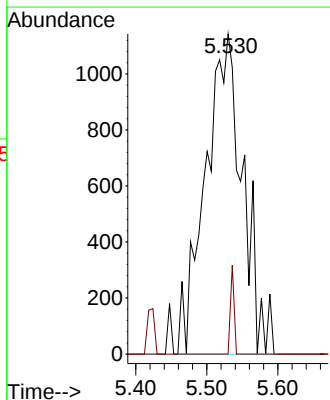
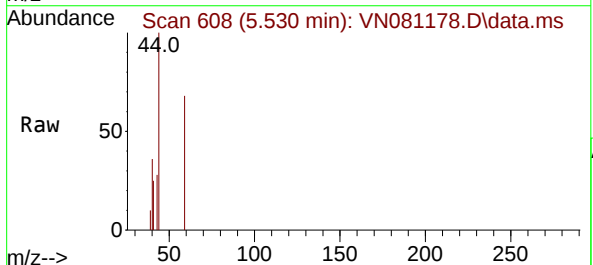
Manual Integrations
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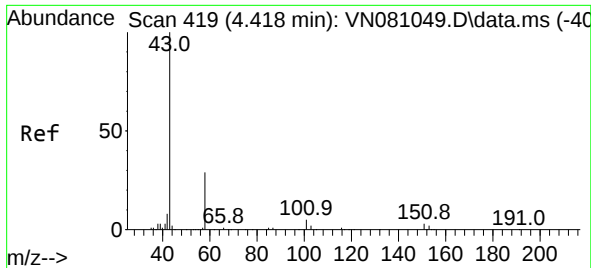
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#11
Tert butyl alcohol
Concen: 6.687 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.018 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 59 Resp: 4182
Ion Ratio Lower Upper
59 100
57 2.7 8.6 12.8#





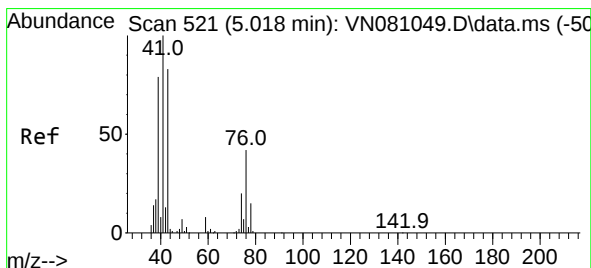
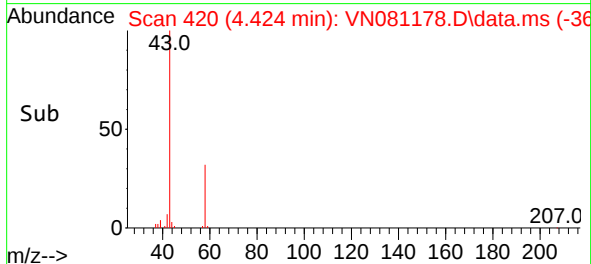
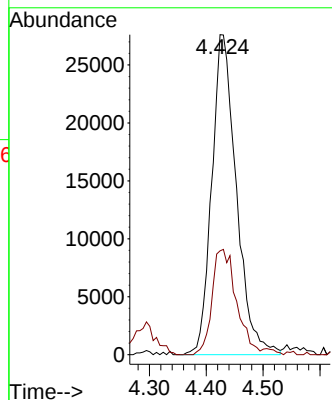
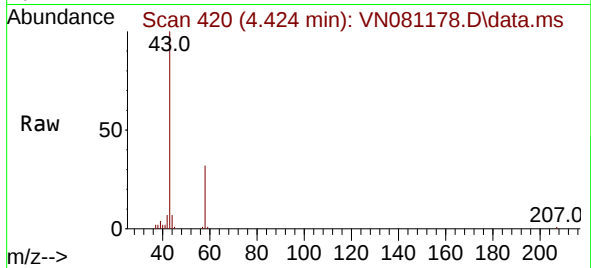
#16
Acetone
Concen: 62.173 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Instrument :
MSVOA_N
ClientSampleId :
SB-8

Tgt Ion: 43 Resp: 8318
Ion Ratio Lower Upper
43 100
58 32.4 24.8 37.2

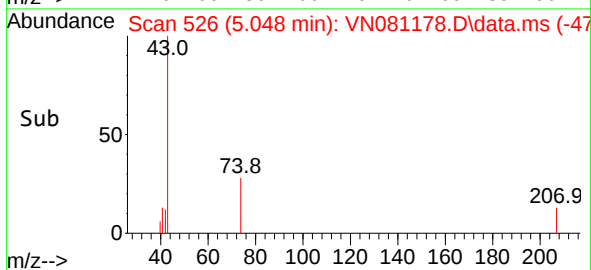
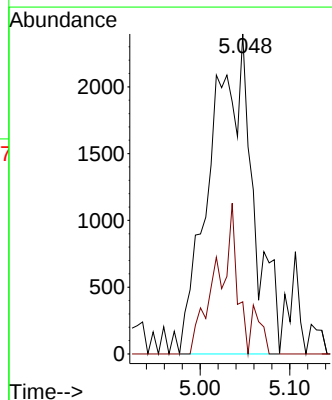
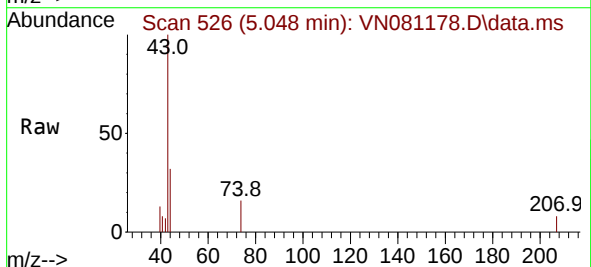
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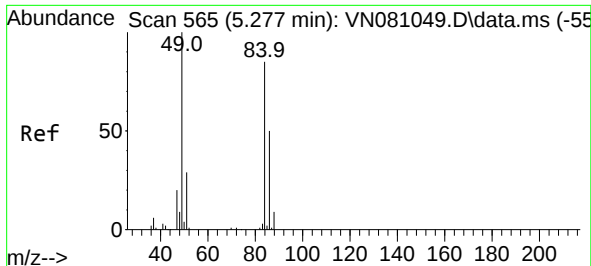
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#18
Methyl Acetate
Concen: 2.425 ug/l m
RT: 5.048 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

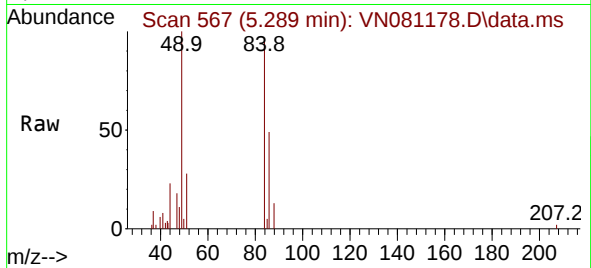
Tgt Ion: 43 Resp: 7916
Ion Ratio Lower Upper
43 100
74 22.3 17.3 25.9





#20
Methylene Chloride
Concen: 5.936 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

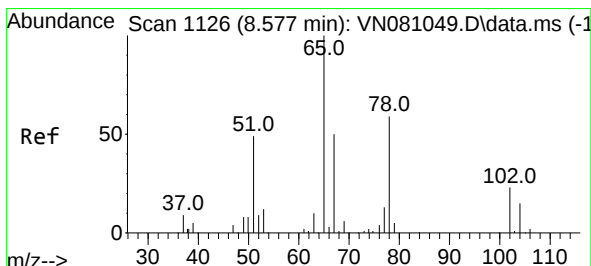
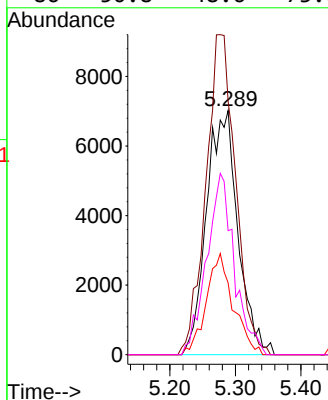
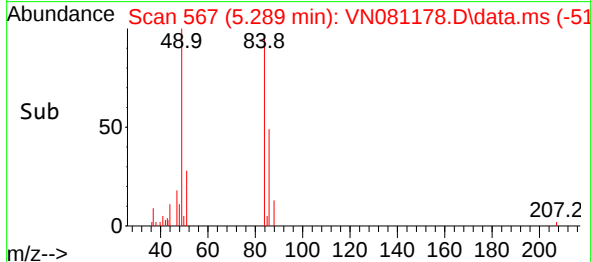
Instrument :
MSVOA_N
ClientSampleId :
SB-8



Tgt Ion: 84 Resp: 2338
Ion Ratio Lower Upper
84 100
49 103.7 108.1 162.1
51 29.4 32.9 49.3
86 50.8 48.6 73.0

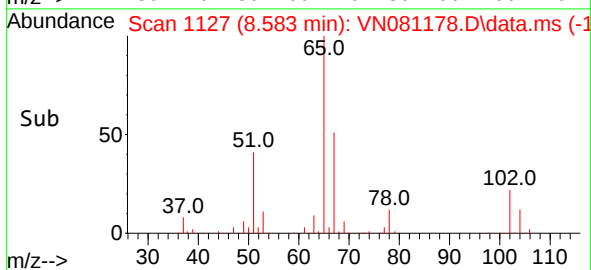
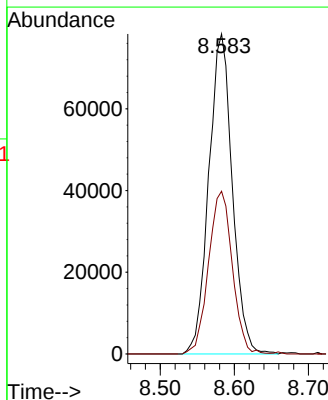
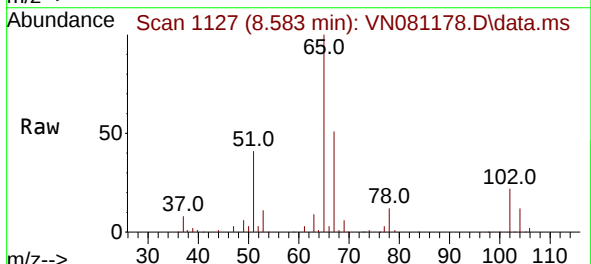
Manual Integrations
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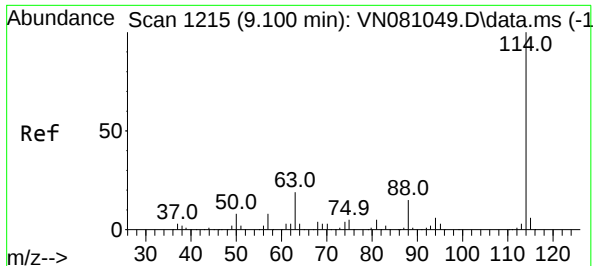
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#33
1,2-Dichloroethane-d4
Concen: 50.683 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Tgt Ion: 65 Resp: 172344
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

Instrument :

MSVOA_N

ClientSampleId :

SB-8

Tgt Ion:114 Resp: 554608

Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

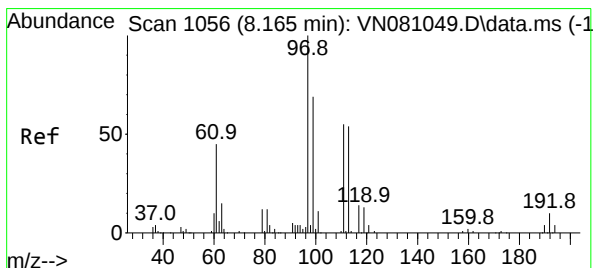
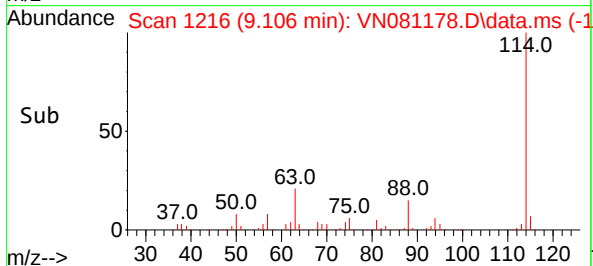
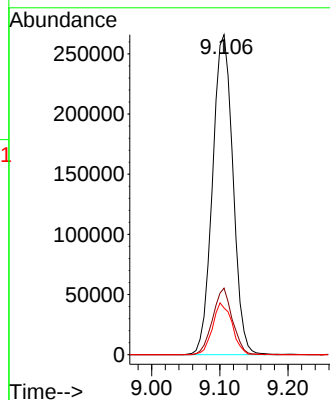
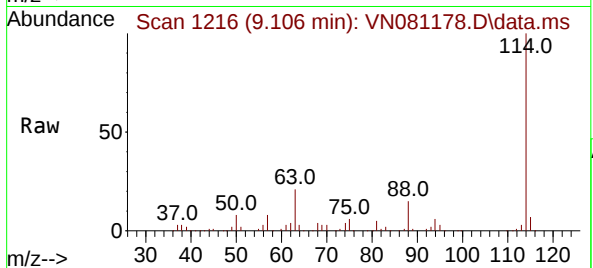
88 14.6 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#35

Dibromofluoromethane

Concen: 46.634 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081178.D

Acq: 23 Feb 2024 22:58

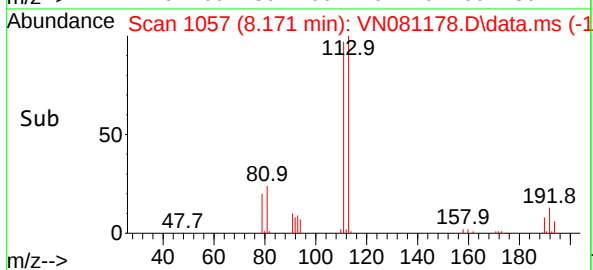
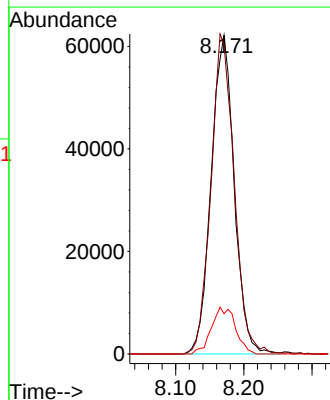
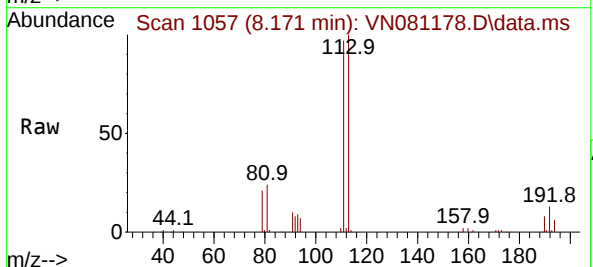
Tgt Ion:113 Resp: 146250

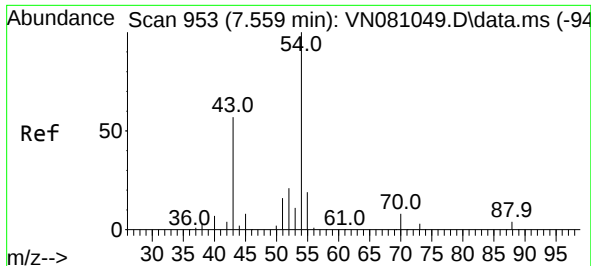
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

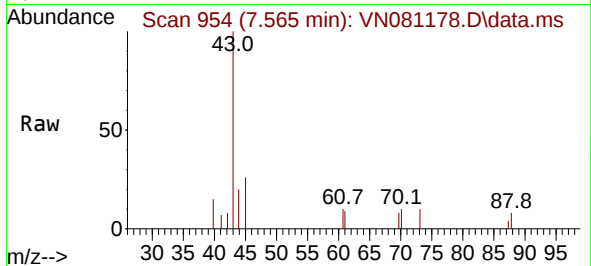
192 15.3 12.5 18.7





#37
Ethyl Acetate
Concen: 1.488 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

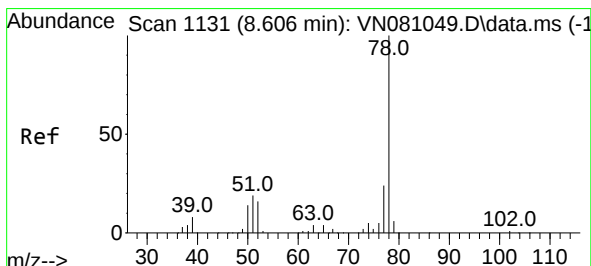
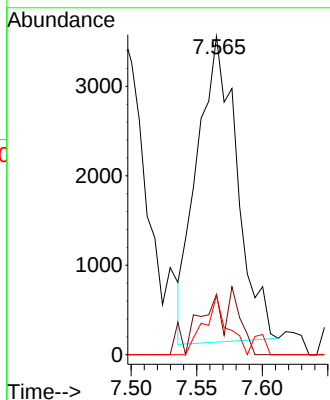
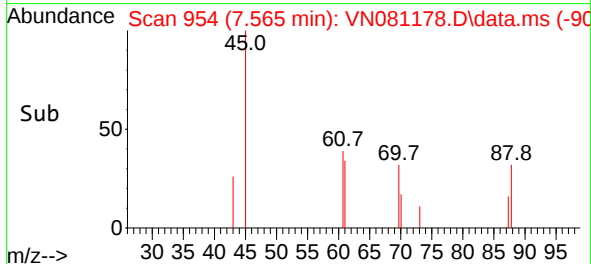
Instrument :
MSVOA_N
ClientSampleId :
SB-8



Tgt Ion: 43 Resp: 7210
Ion Ratio Lower Upper
43 100
61 12.6 10.6 15.8
70 11.3 8.0 12.0

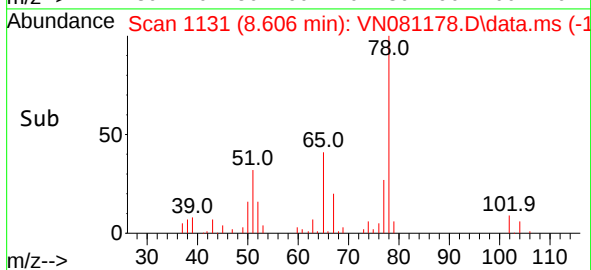
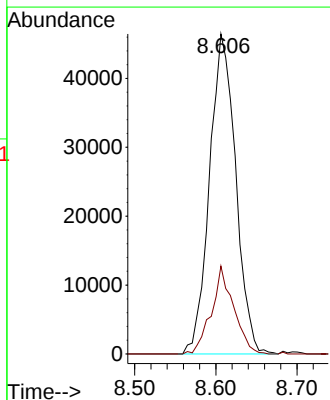
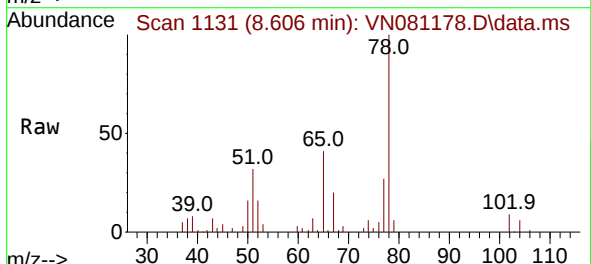
Manual Integrations
APPROVED

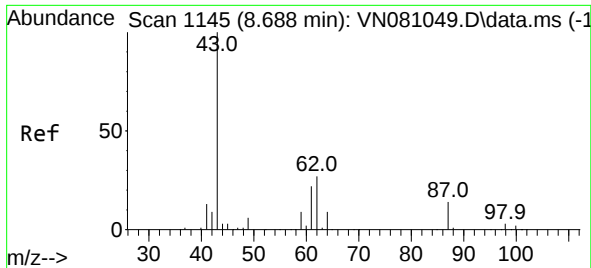
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#40
Benzene
Concen: 6.696 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

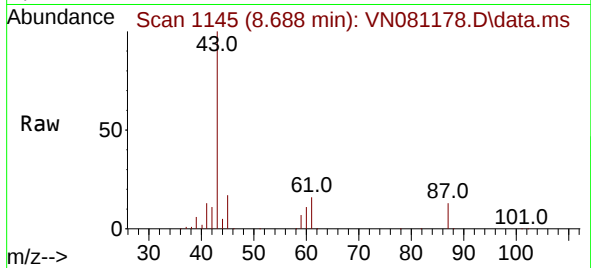
Tgt Ion: 78 Resp: 104135
Ion Ratio Lower Upper
78 100
77 27.5 20.4 30.6





#43
Isopropyl Acetate
Concen: 63.345 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

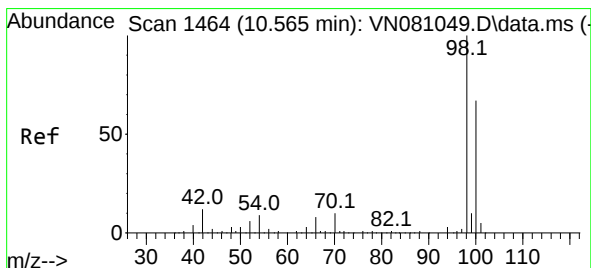
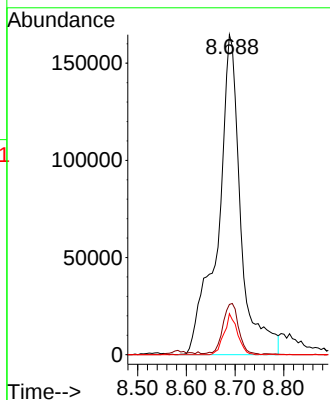
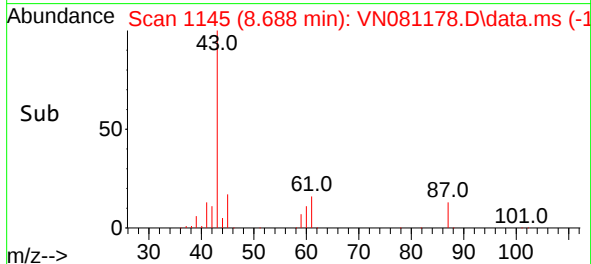
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SB-8



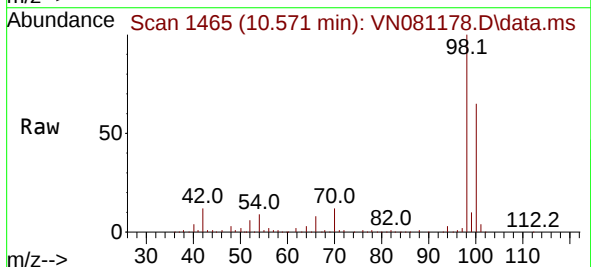
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Ion Ratio Lower Upper
43 100
61 11.2 19.9 29.9
87 7.5 9.0 13.6

Manual Integrations
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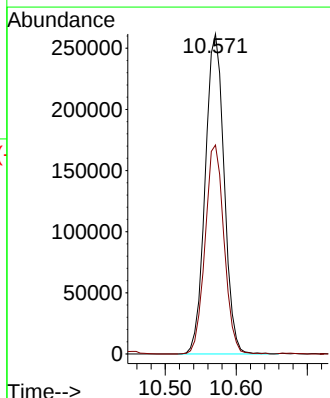
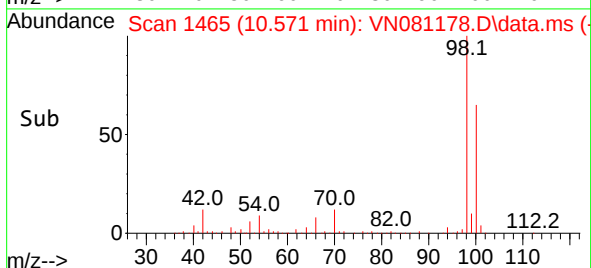
Reviewed By :John Carlone 02/26/2024
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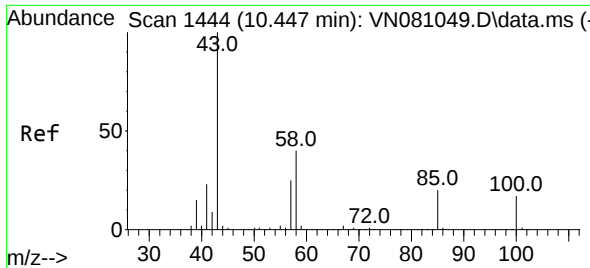


#50
Toluene-d8
Concen: 43.461 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58



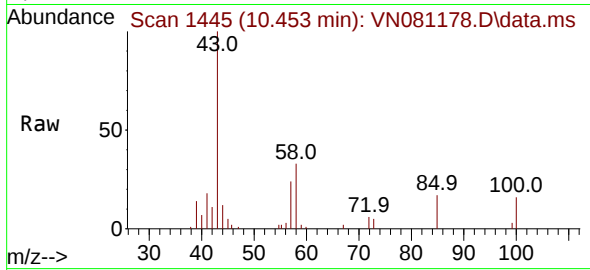
Tgt Ion: 98 Resp: 484098
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 6.225 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

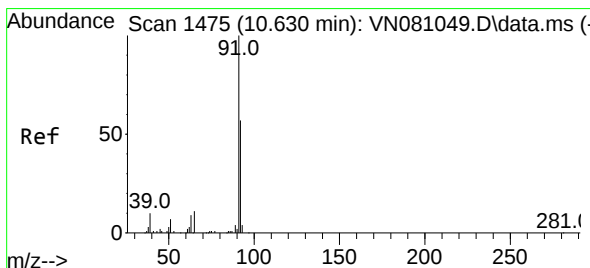
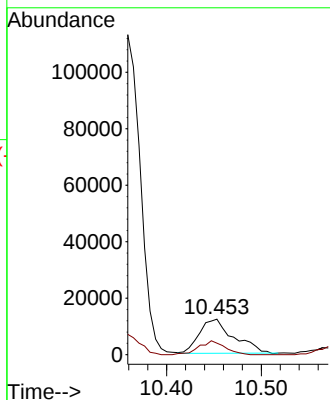
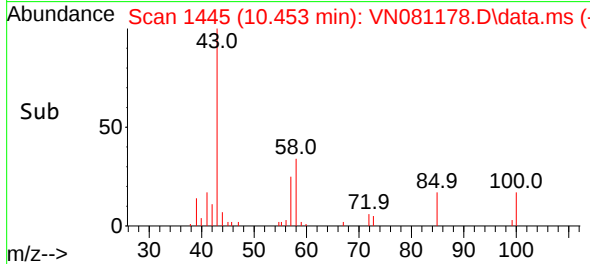
Instrument :
MSVOA_N
ClientSampleId :
SB-8



Tgt Ion: 43 Resp: 30368
Ion Ratio Lower Upper
43 100
58 30.9 29.4 44.0

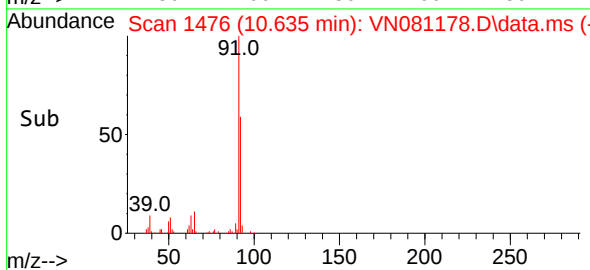
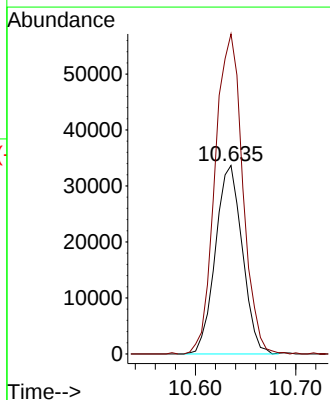
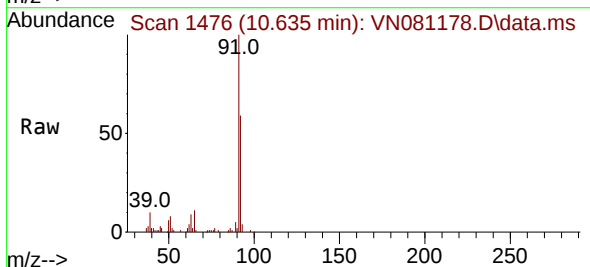
Manual Integrations
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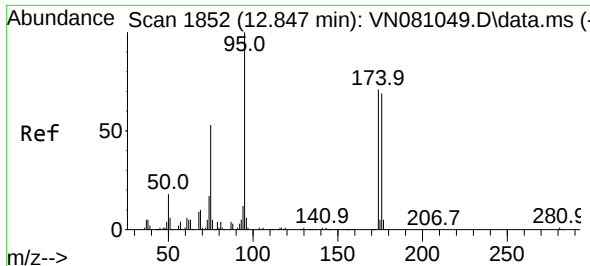
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
Toluene
Concen: 6.368 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

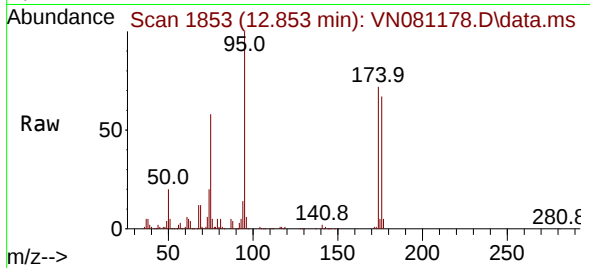
Tgt Ion: 92 Resp: 62695
Ion Ratio Lower Upper
92 100
91 174.6 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 42.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

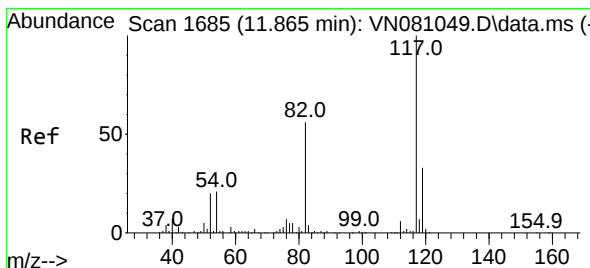
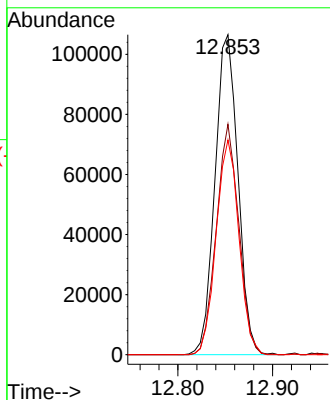
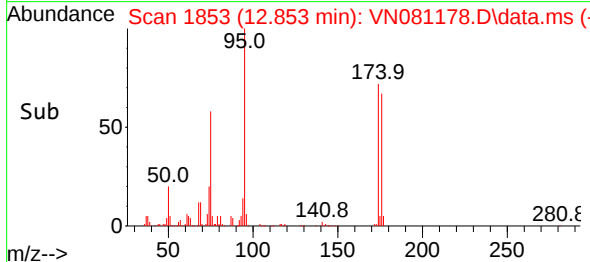
Instrument :
MSVOA_N
ClientSampleId :
SB-8



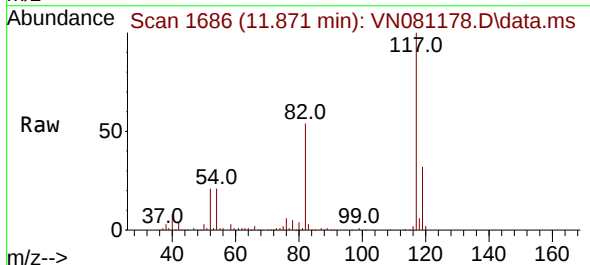
Tgt Ion: 95 Resp: 179875
Ion Ratio Lower Upper
95 100
174 70.4 0.0 120.4
176 66.5 0.0 121.0

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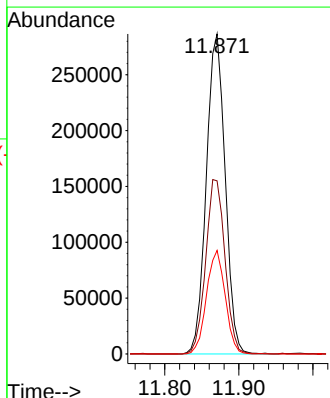
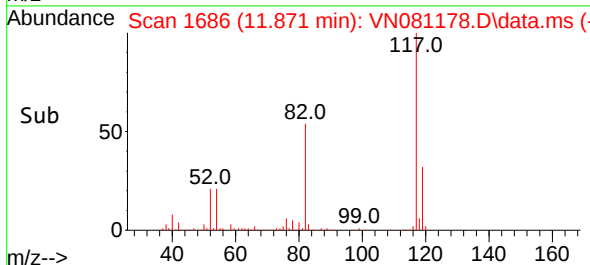
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

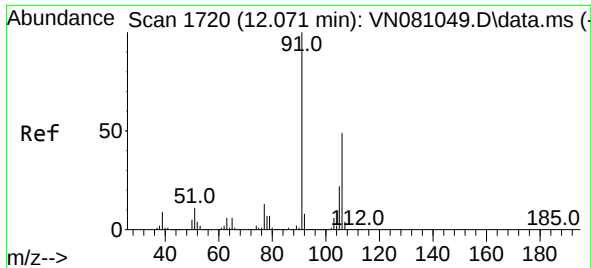


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58



Tgt Ion:117 Resp: 506287
Ion Ratio Lower Upper
117 100
82 54.1 52.7 79.1
119 32.4 25.3 37.9





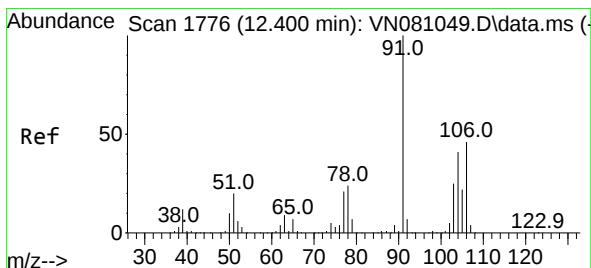
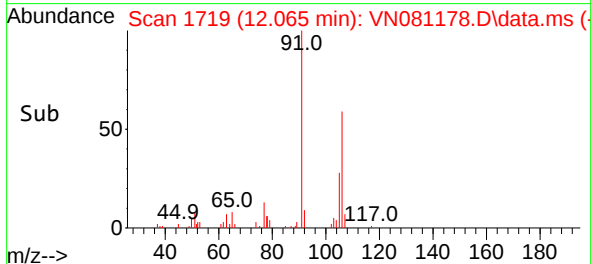
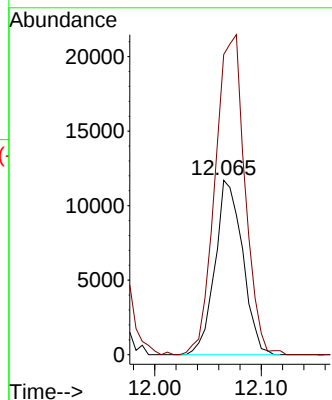
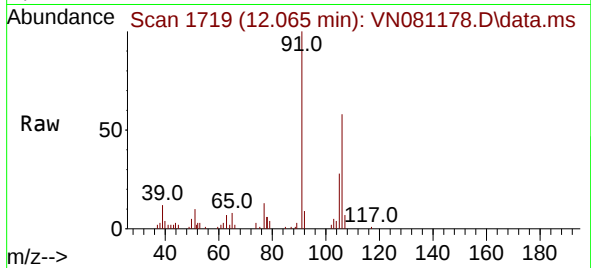
#68
m/p-Xylenes
Concen: 2.798 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

Instrument :
MSVOA_N
ClientSampleId :
SB-8

Tgt Ion:106 Resp: 21029
Ion Ratio Lower Upper
106 100
91 198.1 169.0 253.6

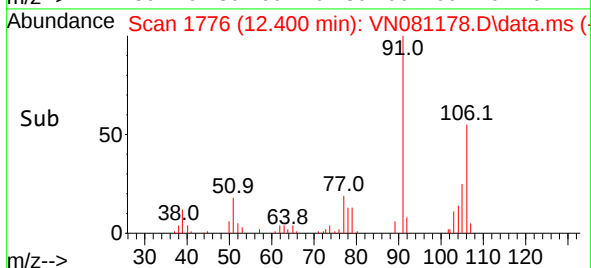
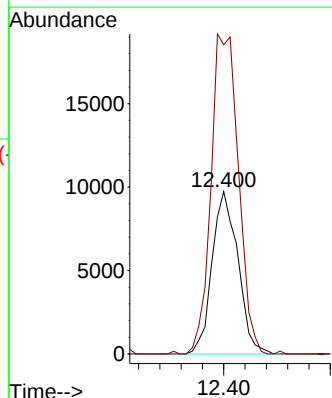
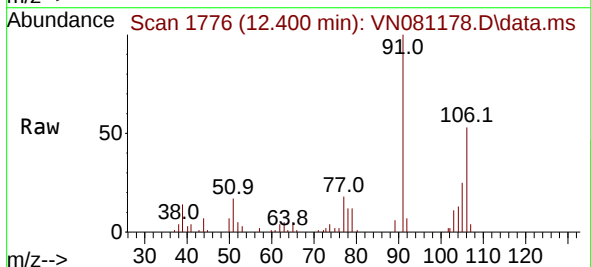
Manual Integrations
APPROVED

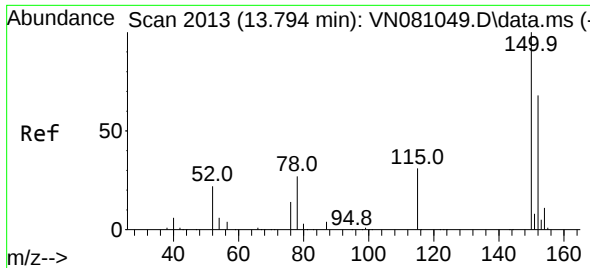
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#69
o-Xylene
Concen: 2.199 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

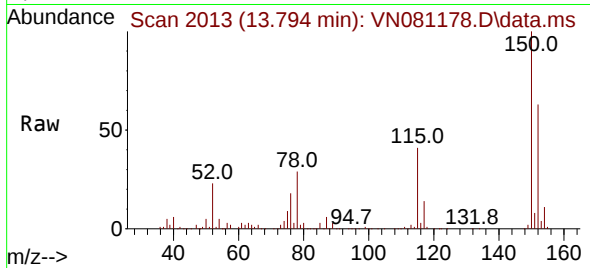
Tgt Ion:106 Resp: 16379
Ion Ratio Lower Upper
106 100
91 209.3 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58

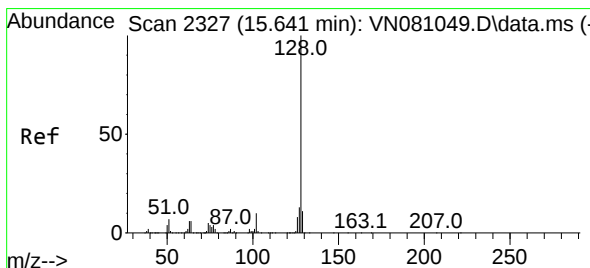
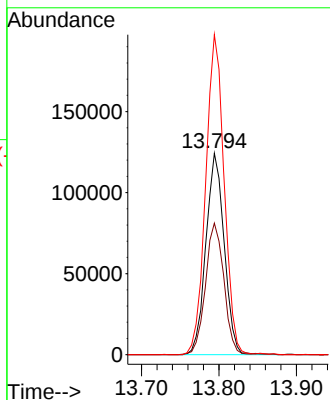
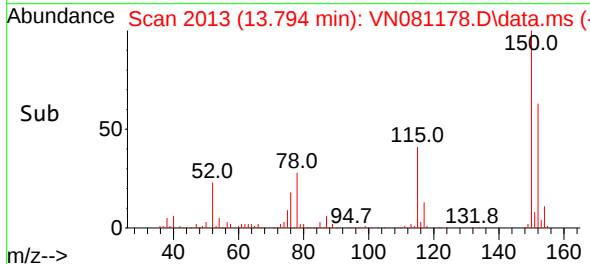
Instrument :
MSVOA_N
ClientSampleId :
SB-8



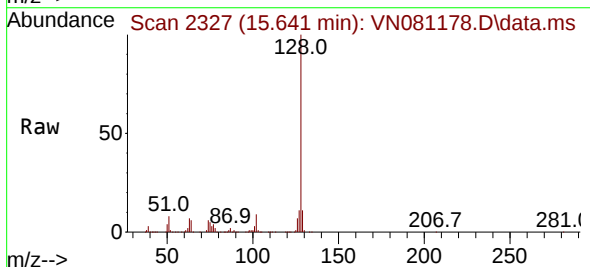
Tgt Ion:152 Resp: 203779
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 159.7 0.0 339.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 38.252 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081178.D
Acq: 23 Feb 2024 22:58



Tgt Ion:128 Resp: 566551
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.8 8.7 13.1

