

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082419.D
 Acq On : 31 May 2024 19:35
 Operator : JC\MD
 Sample : P2657-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4-AB-VOC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/03/2024
 Supervised By : Mahesh Dadoda 06/03/2024

Quant Time: May 31 23:03:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	166775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139881	53.118	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.240%			
35) Dibromofluoromethane	8.171	113	99410	53.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.300%			
50) Toluene-d8	10.571	98	397314	55.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.820%			
62) 4-Bromofluorobenzene	12.853	95	148181	57.896	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 115.800%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	104667	96.889	ug/l	93
20) Methylene Chloride	5.283	84	13030m	5.978	ug/l	
25) 2-Butanone	7.488	43	16563	10.113	ug/l #	77
40) Benzene	8.606	78	875681	93.614	ug/l	99
43) Isopropyl Acetate	8.688	43	329098	52.906	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	20848	5.899	ug/l #	76
52) Toluene	10.629	92	586624	104.502	ug/l	99
67) Ethyl Benzene	11.965	91	122185	10.142	ug/l	98
68) m/p-Xylenes	12.071	106	348650	78.964	ug/l	93
69) o-Xylene	12.400	106	314107	73.441	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	130216	14.070	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	312740	33.031	ug/l	96
95) Naphthalene	15.641	128	14999657	1825.528	ug/l	98

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

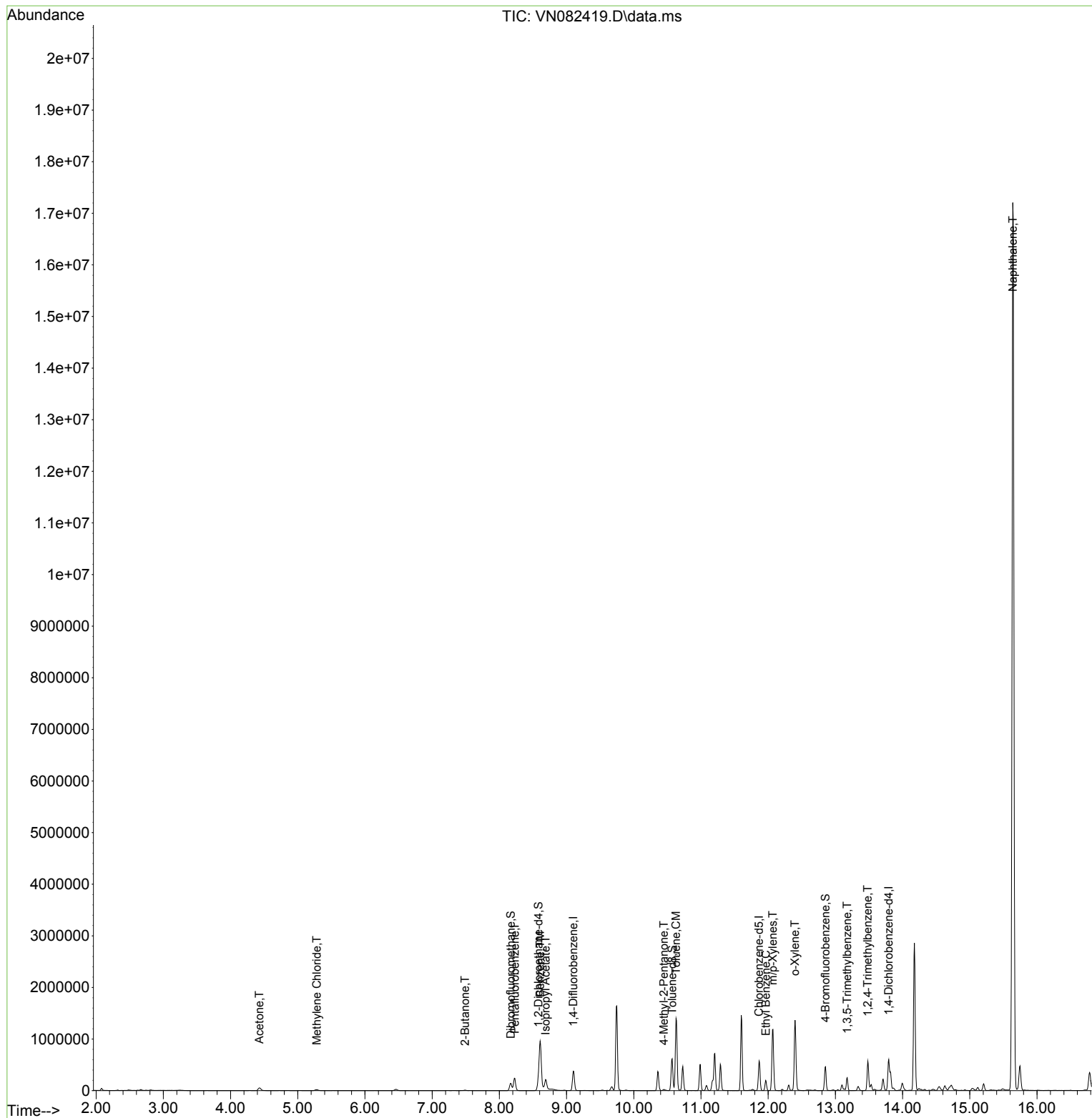
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
Data File : VN082419.D
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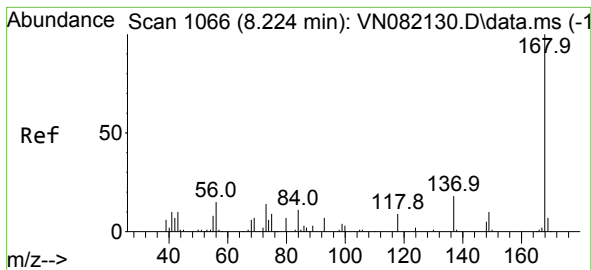
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

4-AB-VOC

Tgt Ion:168 Resp: 166775

Ion Ratio Lower Upper

168 100

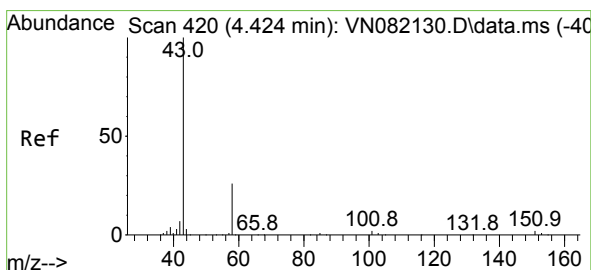
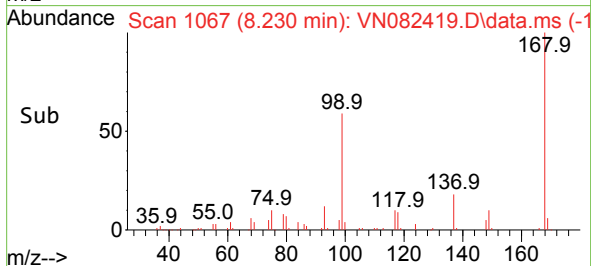
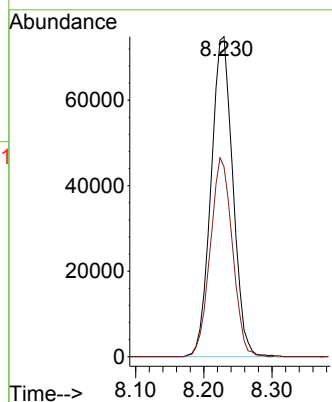
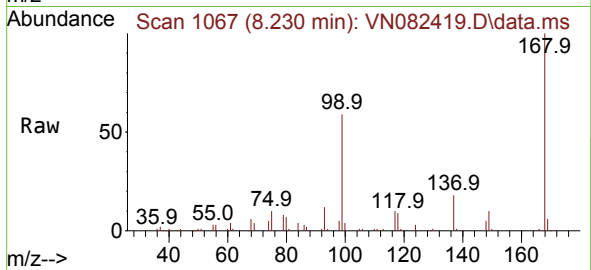
99 59.3 48.2 72.4

Manual Integrations

APPROVED

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#16

Acetone

Concen: 96.889 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN082419.D

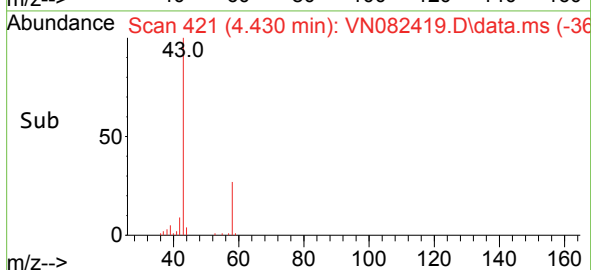
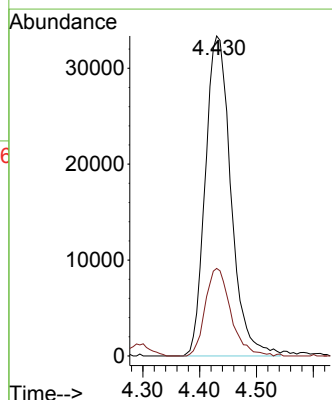
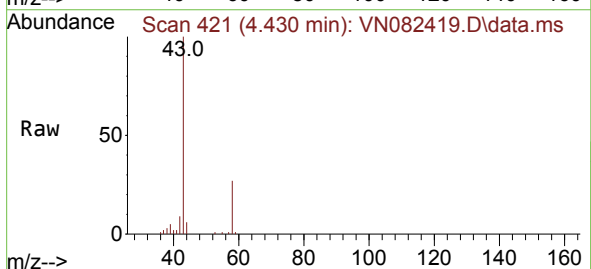
Acq: 31 May 2024 19:35

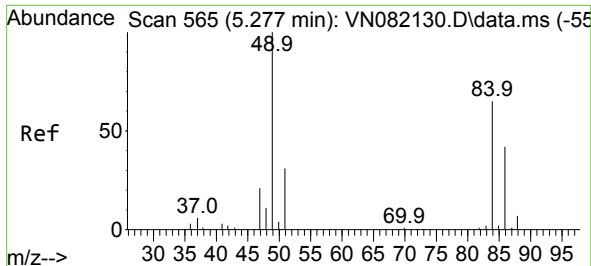
Tgt Ion: 43 Resp: 104667

Ion Ratio Lower Upper

43 100

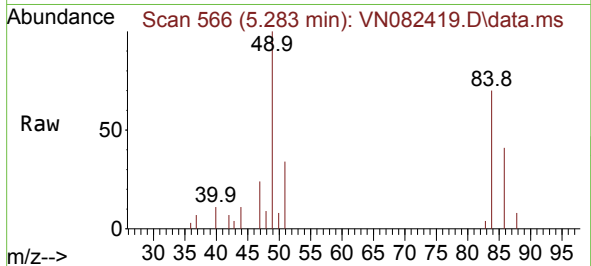
58 27.3 25.2 37.8





#20
Methylene Chloride
Concen: 5.978 ug/l m
RT: 5.283 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

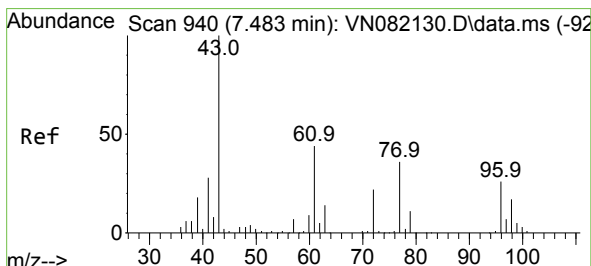
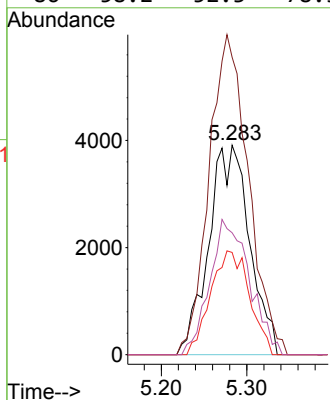
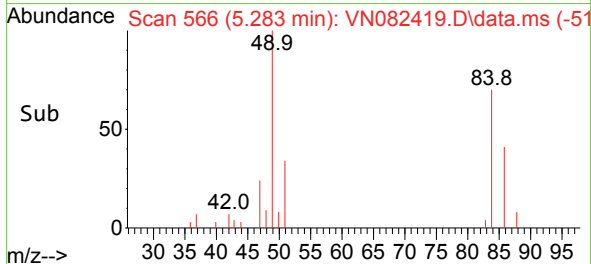
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



Tgt Ion: 84 Resp: 13030
Ion Ratio Lower Upper
84 100
49 142.1 84.9 127.3
51 48.9 27.0 40.6
86 58.2 52.3 78.5

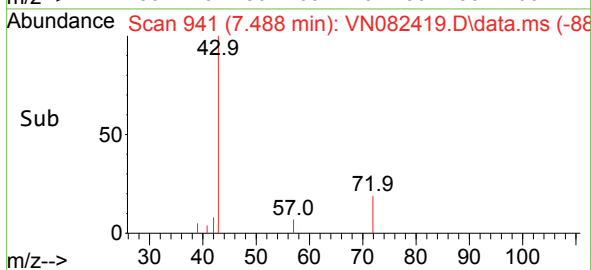
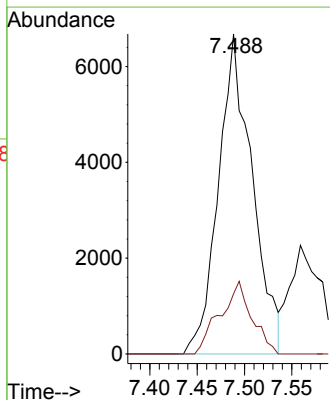
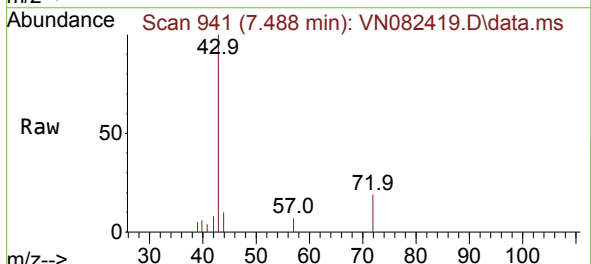
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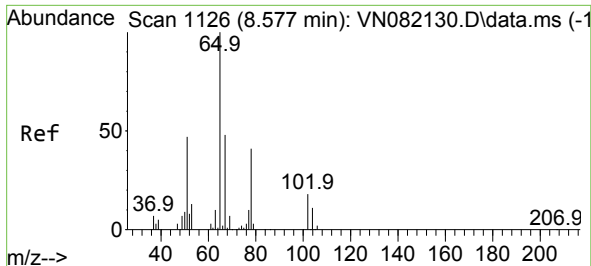
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024



#25
2-Butanone
Concen: 10.113 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Tgt Ion: 43 Resp: 16563
Ion Ratio Lower Upper
43 100
72 18.8 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 53.118 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

4-AB-VOC

Tgt Ion: 65 Resp: 13988

Ion Ratio Lower Upper

65 100

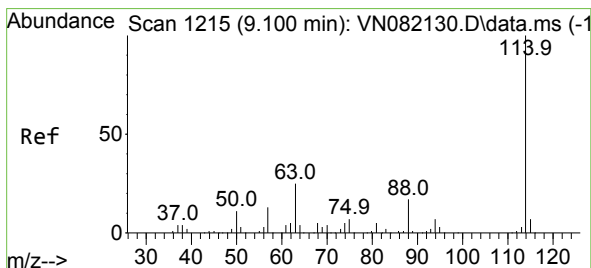
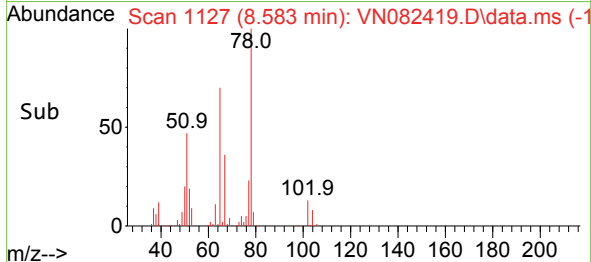
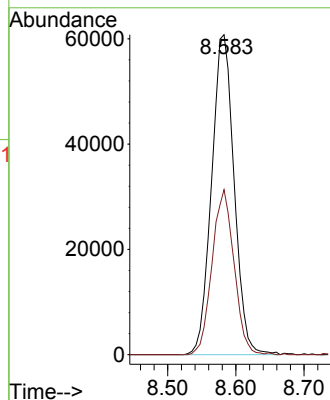
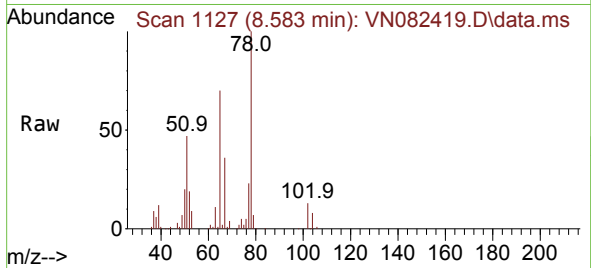
67 50.3 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 06/03/2024

Supervised By :Mahesh Dadoda 06/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082419.D

Acq: 31 May 2024 19:35

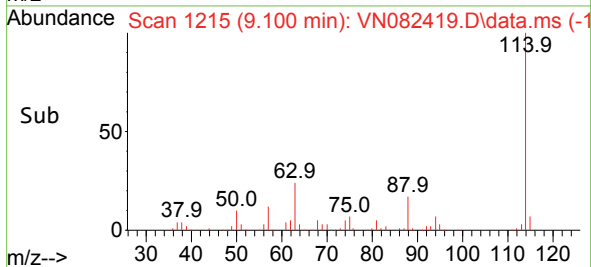
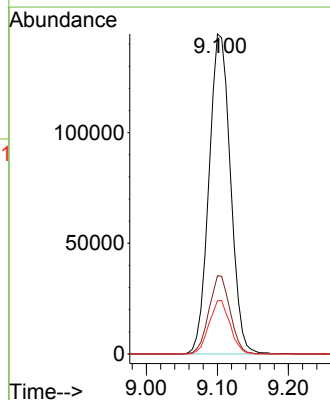
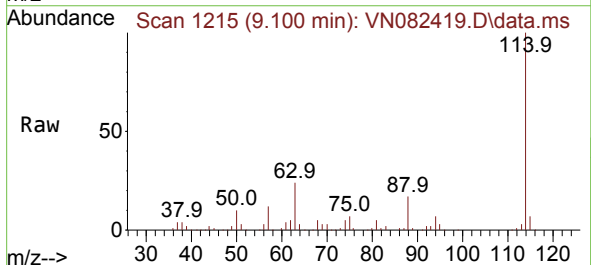
Tgt Ion:114 Resp: 304047

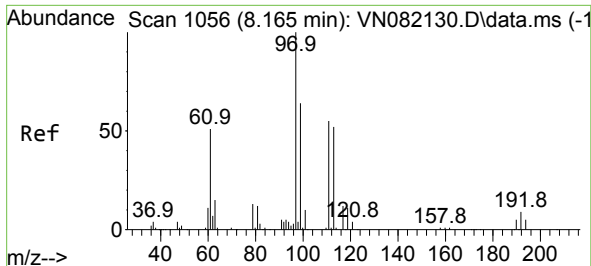
Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.0

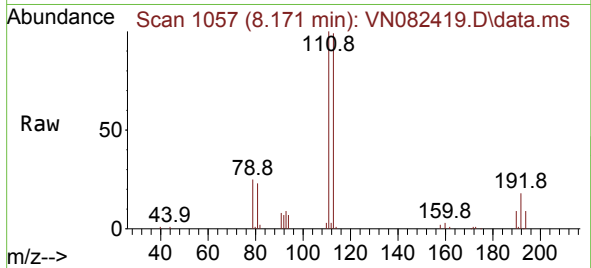
88 16.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.150 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

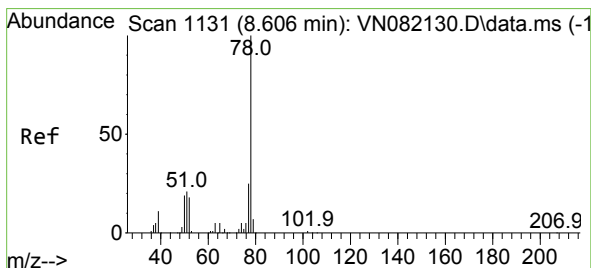
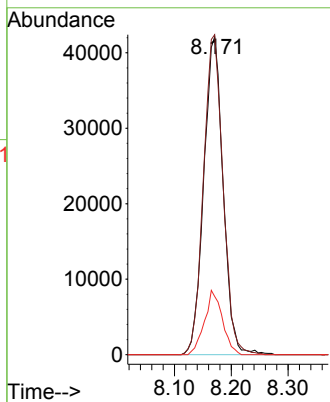
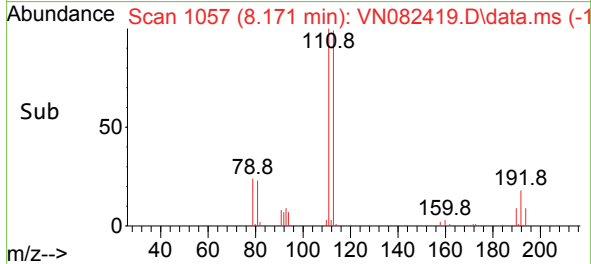
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



Tgt Ion: 113 Resp: 99410
Ion Ratio Lower Upper
113 100
111 101.5 83.4 125.2
192 18.8 14.0 21.0

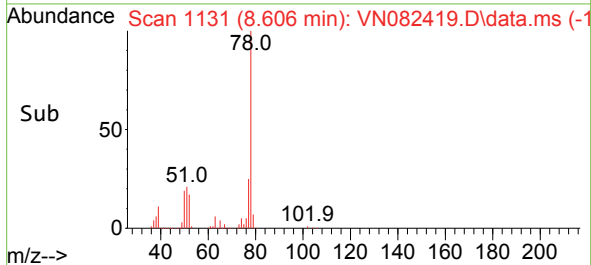
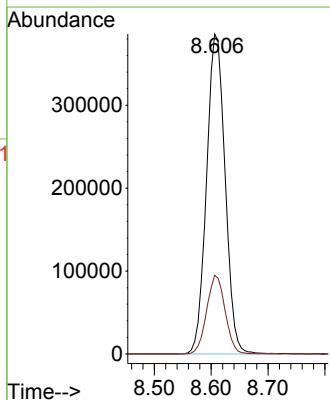
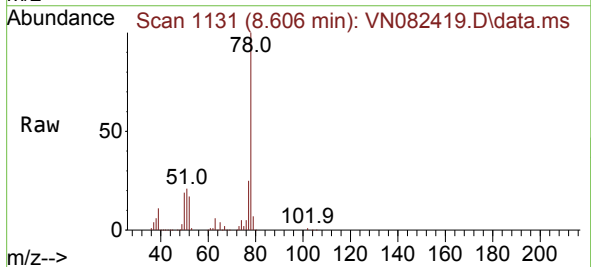
Manual Integrations
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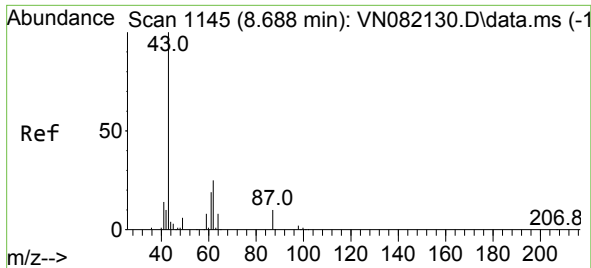
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024



#40
Benzene
Concen: 93.614 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

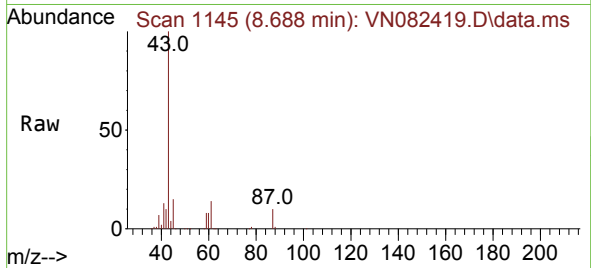
Tgt Ion: 78 Resp: 875681
Ion Ratio Lower Upper
78 100
77 24.6 20.0 30.0





#43
Isopropyl Acetate
Concen: 52.906 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

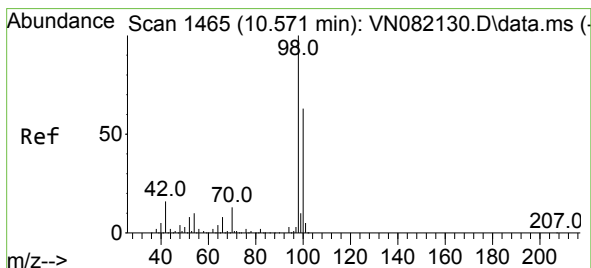
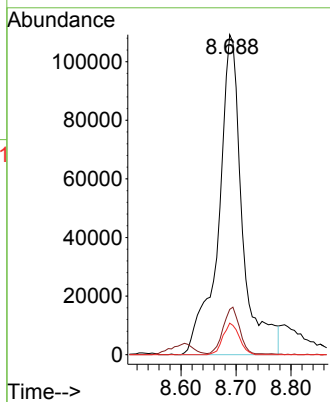
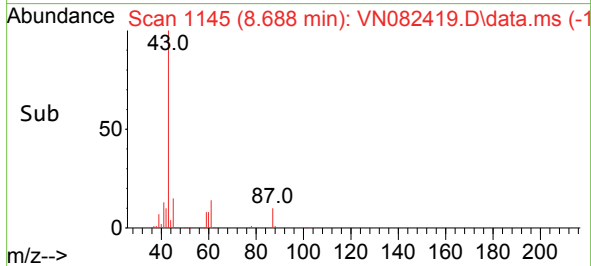
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



Tgt Ion: 43 Resp: 329098
Ion Ratio Lower Upper
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61 10.6 22.8 34.2
87 6.7 12.0 18.0

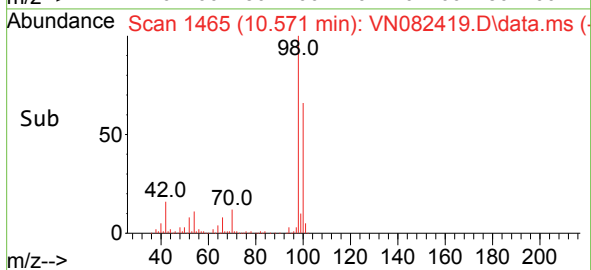
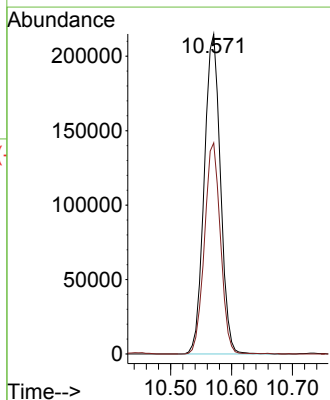
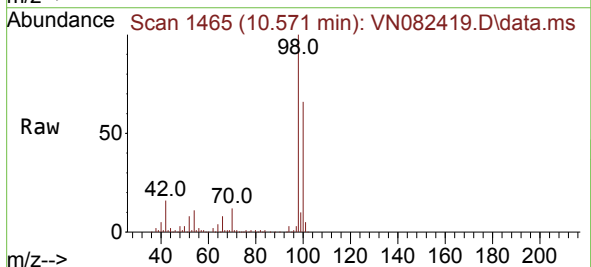
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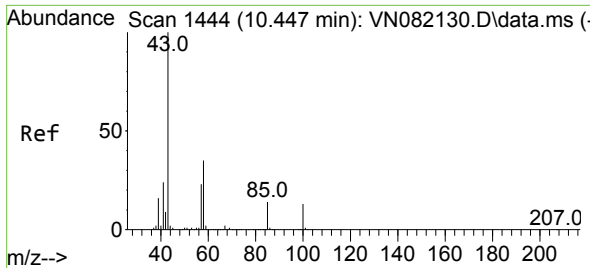
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024



#50
Toluene-d8
Concen: 55.407 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

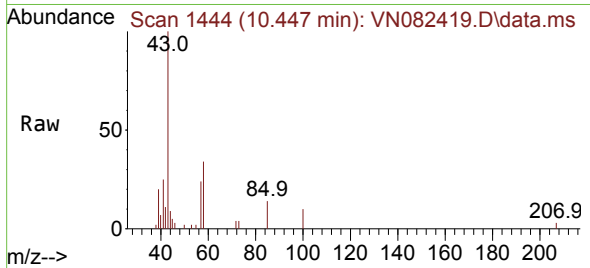
Tgt Ion: 98 Resp: 397314
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 5.899 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

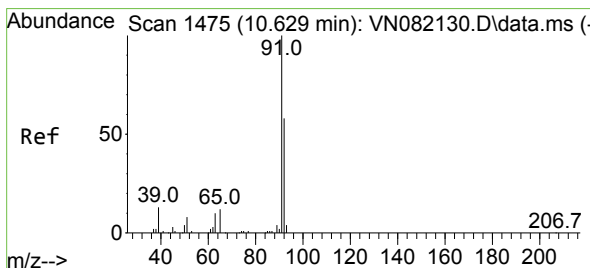
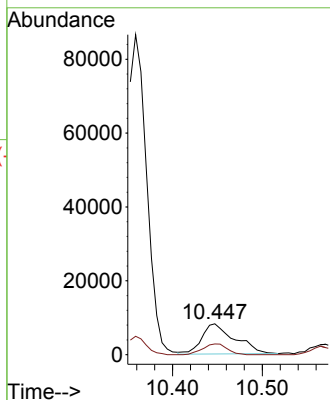
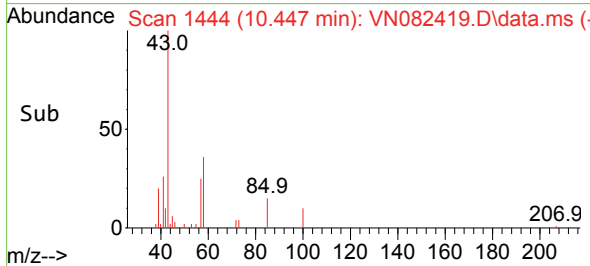
Instrument :
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4-AB-VOC



Tgt Ion: 43 Resp: 20848
Ion Ratio Lower Upper
43 100
58 26.6 33.2 49.8

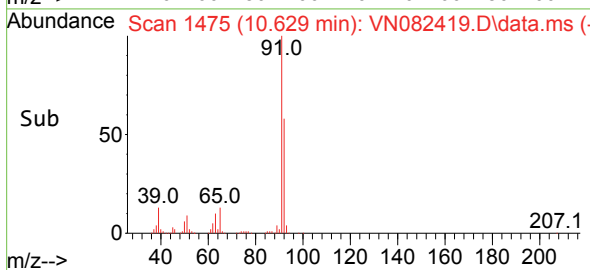
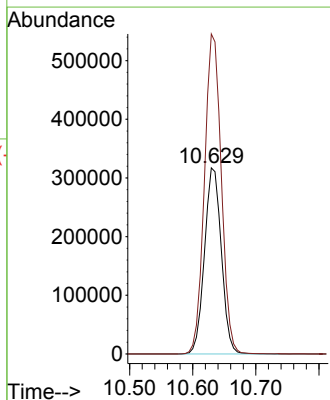
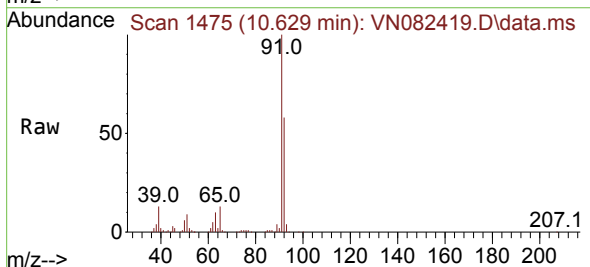
Manual Integrations
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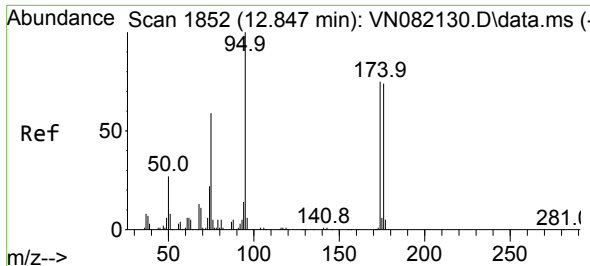
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024



#52
Toluene
Concen: 104.502 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

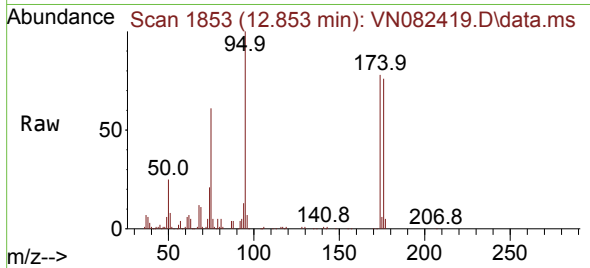
Tgt Ion: 92 Resp: 586624
Ion Ratio Lower Upper
92 100
91 172.7 136.7 205.1





#62
4-Bromofluorobenzene
Concen: 57.896 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

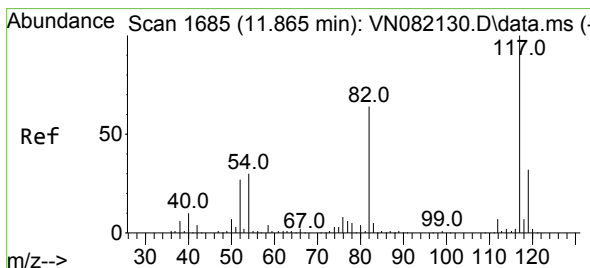
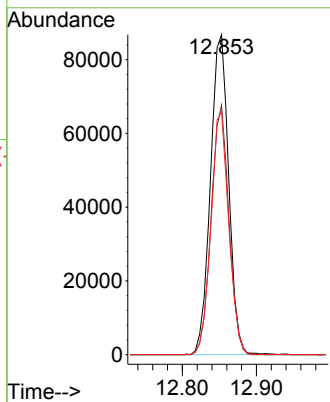
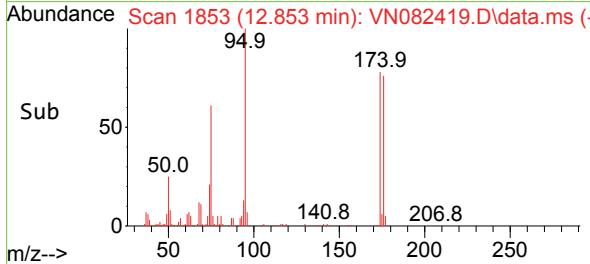
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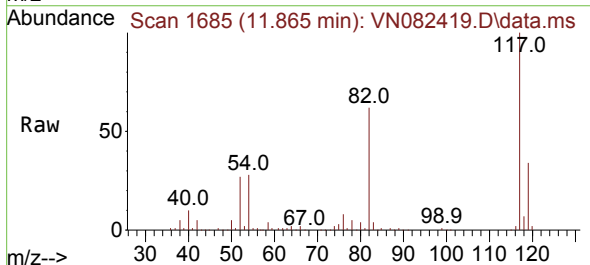
Tgt Ion: 95 Resp: 14818
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 74.1 0.0 152.8

Manual Integrations
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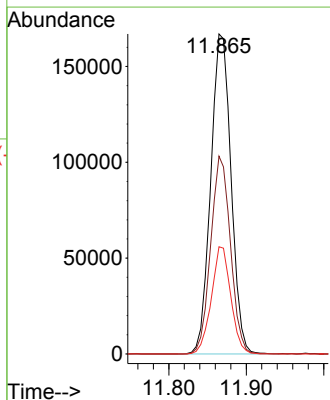
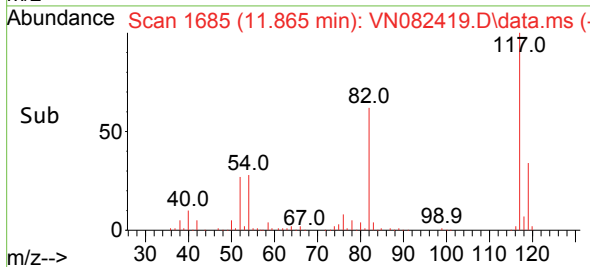
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024

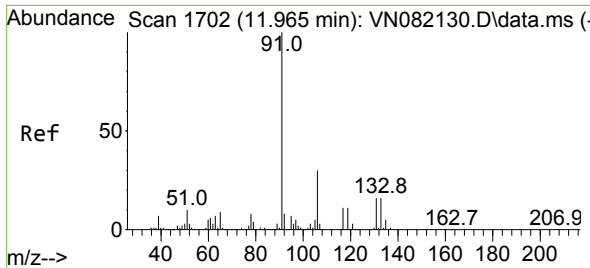


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35



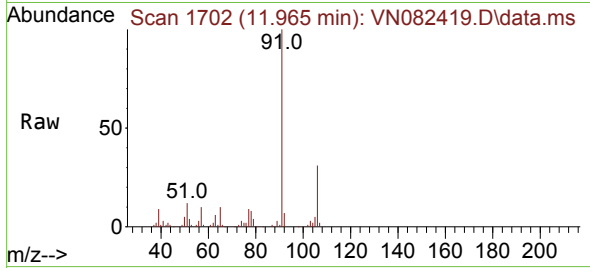
Tgt Ion:117 Resp: 304845
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 33.5 25.9 38.9





#67
Ethyl Benzene
Concen: 10.142 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

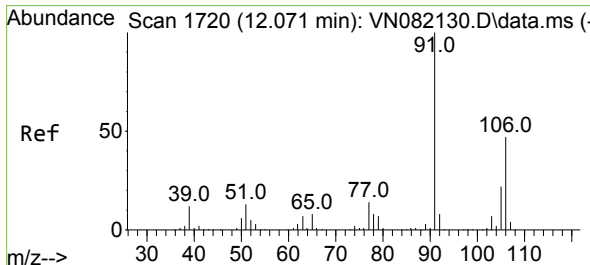
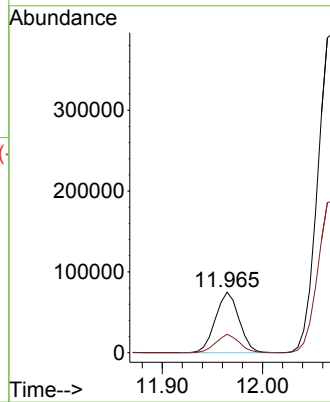
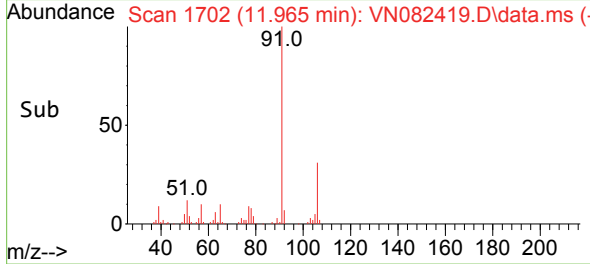
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



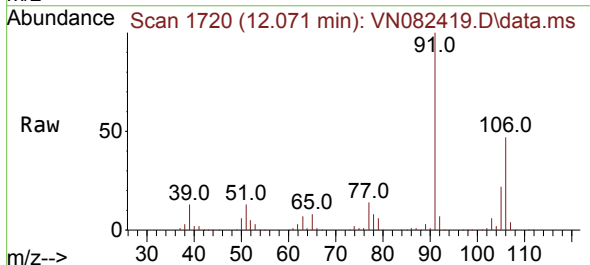
Tgt Ion: 91 Resp: 122185
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9

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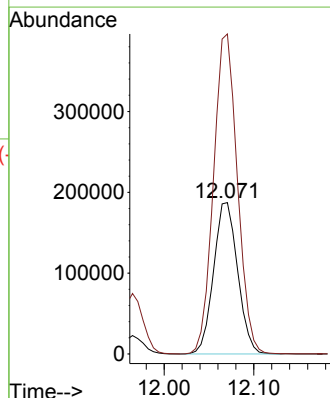
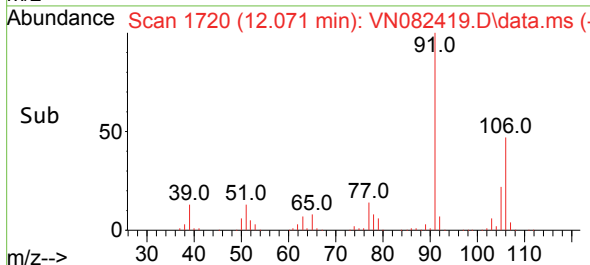
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024

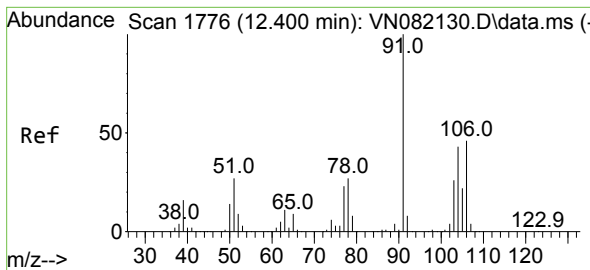


#68
m/p-Xylenes
Concen: 78.964 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35



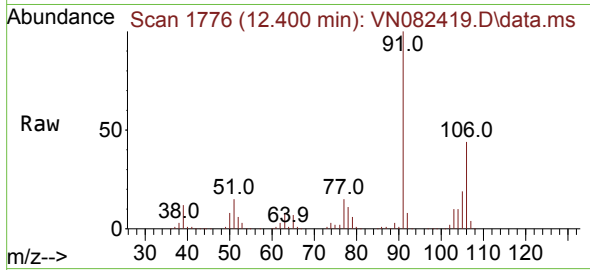
Tgt Ion:106 Resp: 348650
Ion Ratio Lower Upper
106 100
91 210.1 159.4 239.0





#69
o-Xylene
Concen: 73.441 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

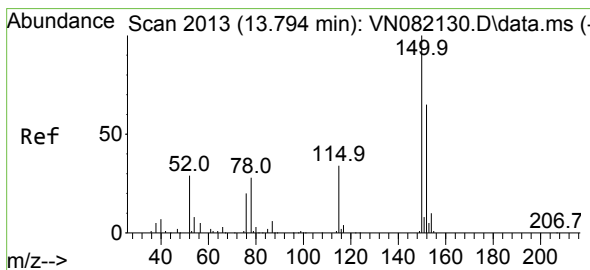
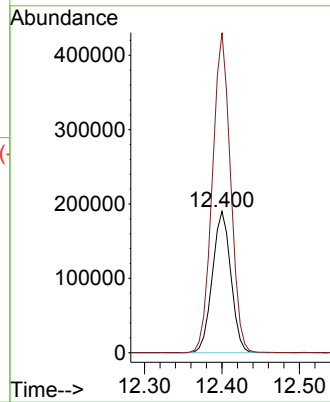
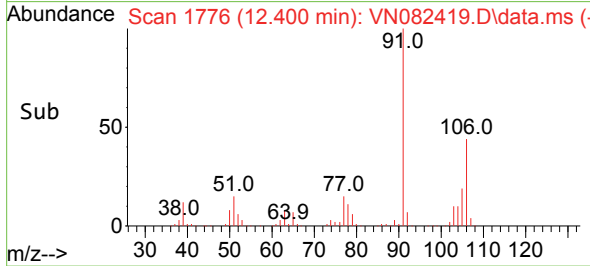
Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



Tgt Ion:106 Resp: 31410
Ion Ratio Lower Upper
106 100
91 223.3 104.7 314.1

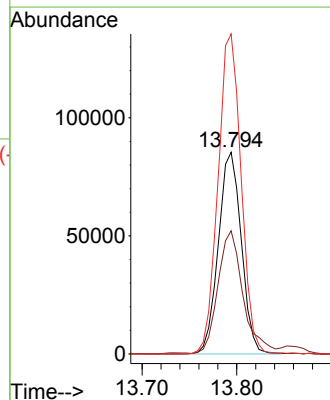
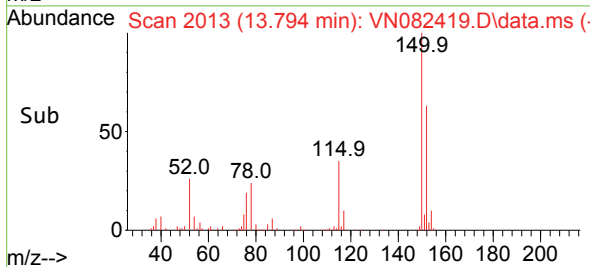
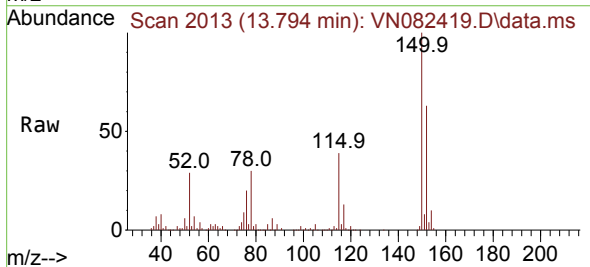
Manual Integrations
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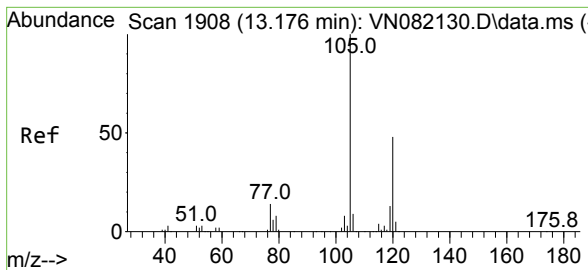
Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

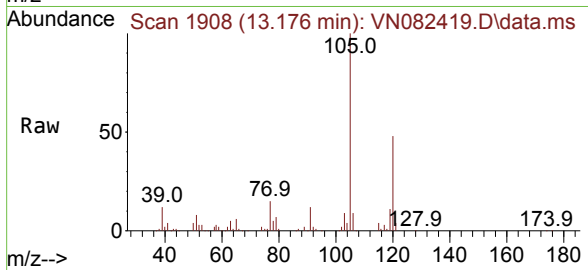
Tgt Ion:152 Resp: 144066
Ion Ratio Lower Upper
152 100
115 66.4 30.4 91.3
150 159.7 0.0 353.2





#80
 1,3,5-Trimethylbenzene
 Concen: 14.070 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082419.D
 Acq: 31 May 2024 19:35

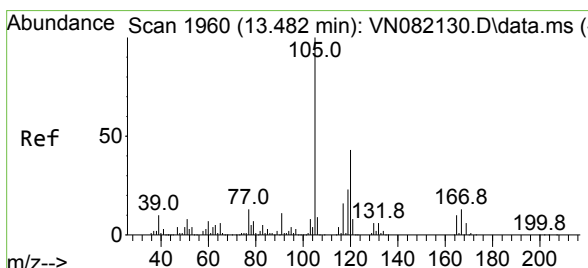
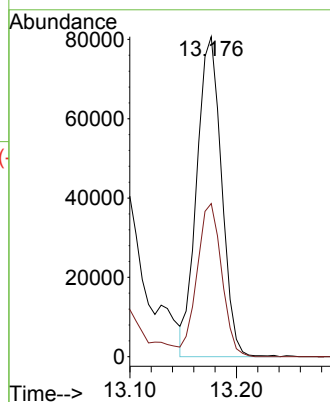
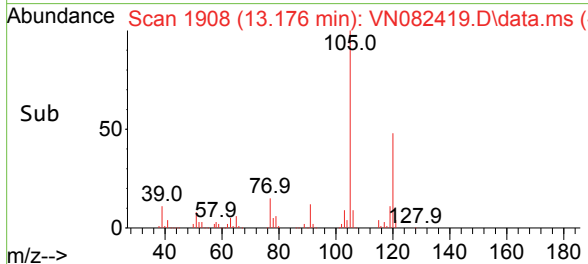
Instrument :
 MSVOA_N
 ClientSampleId :
 4-AB-VOC



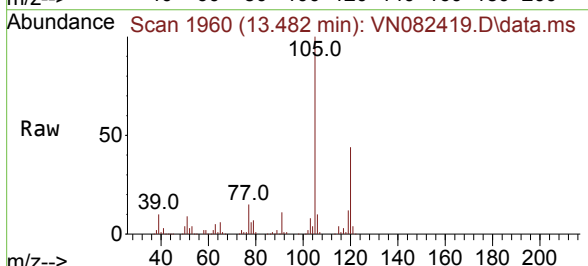
Tgt Ion:105 Resp: 130210
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3

Manual Integrations
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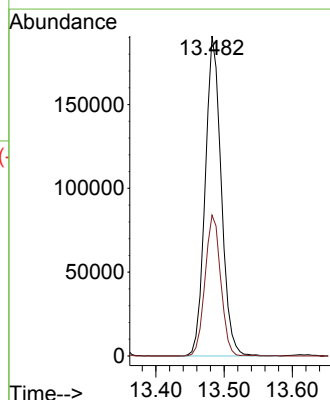
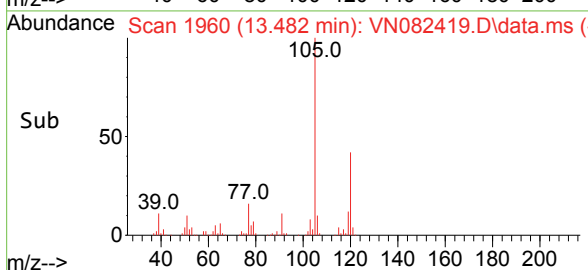
Reviewed By :John Carlone 06/03/2024
 Supervised By :Mahesh Dadoda 06/03/2024

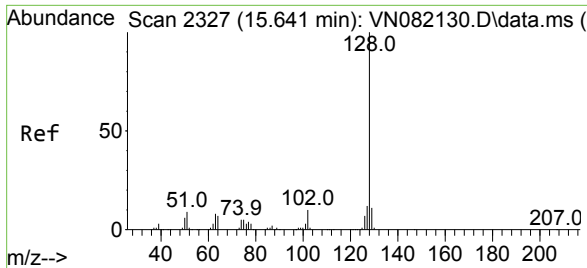


#84
 1,2,4-Trimethylbenzene
 Concen: 33.031 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082419.D
 Acq: 31 May 2024 19:35



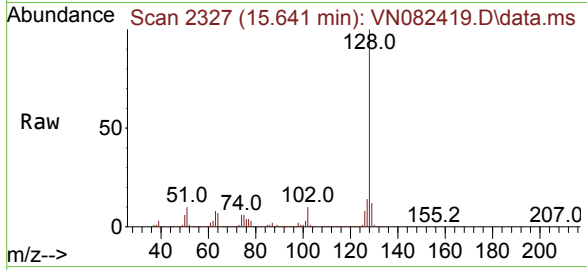
Tgt Ion:105 Resp: 312740
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.9 68.7





#95
Naphthalene
Concen: 1825.528 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082419.D
Acq: 31 May 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
4-AB-VOC



Tgt Ion:128 Resp:1499965
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 11.4 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 06/03/2024
Supervised By :Mahesh Dadoda 06/03/2024

