

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079451.D
 Acq On : 06 Oct 2023 16:43
 Operator : JC\MD
 Sample : PB156147ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156147ZHE#06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 06 23:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	157814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	341195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	346338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	94501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144977	56.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.320%			
35) Dibromofluoromethane	8.171	113	118900	48.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.980%			
50) Toluene-d8	10.571	98	453844	51.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.853	95	128857	45.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.520%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	25410	25.037	ug/l #	82
18) Methyl Acetate	5.036	43	5652	1.138	ug/l #	54
20) Methylene Chloride	5.277	84	15939	6.650	ug/l #	85
37) Ethyl Acetate	7.577	43	5270m	1.439	ug/l	
43) Isopropyl Acetate	8.694	43	309549	48.252	ug/l #	70

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

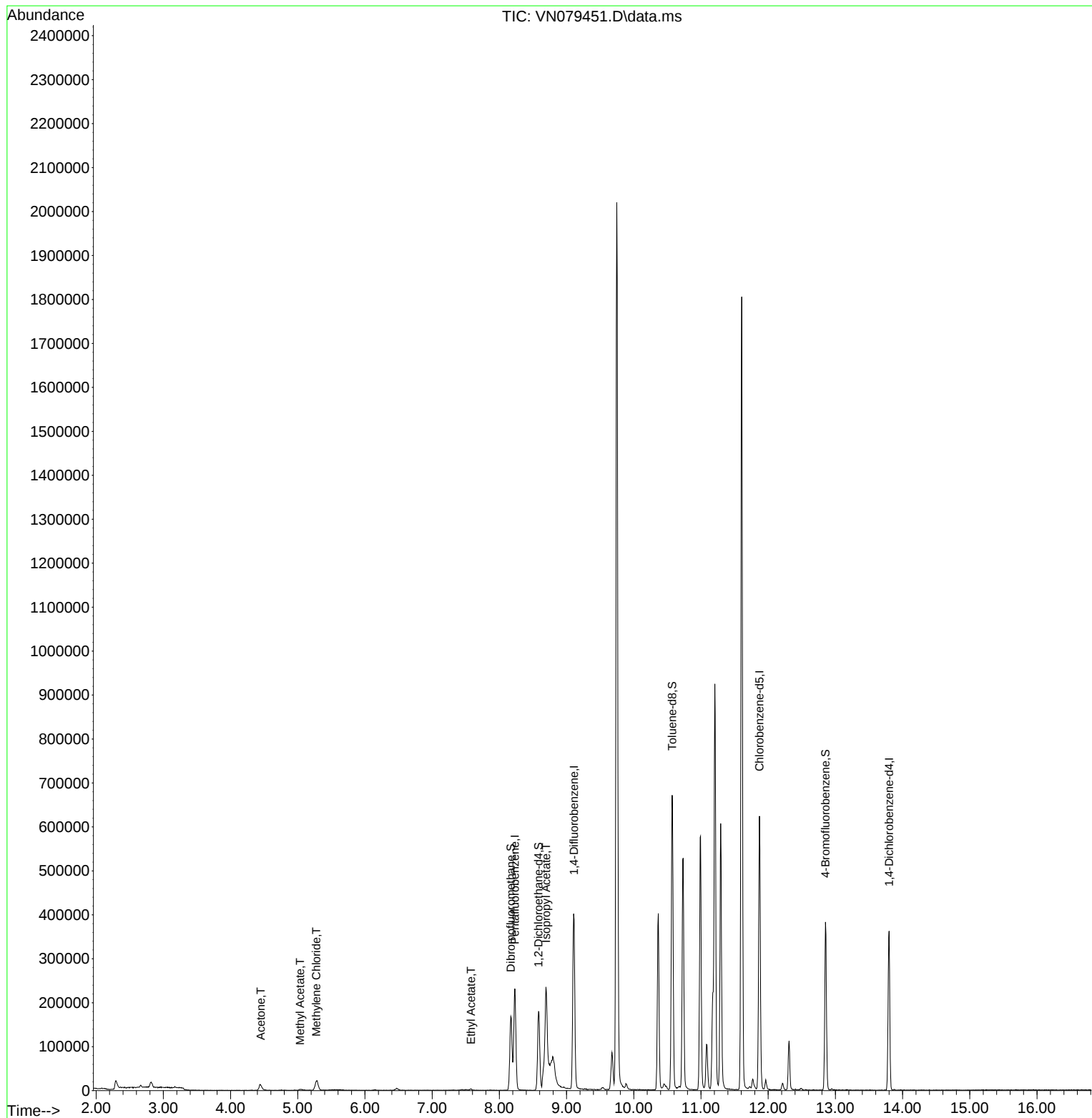
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
Data File : VN079451.D
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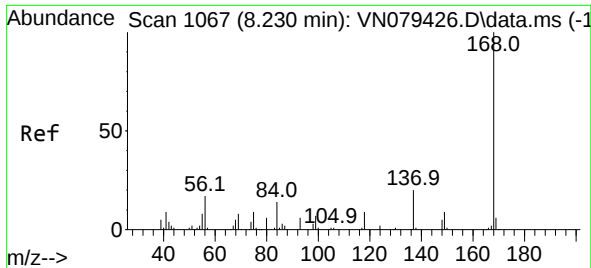
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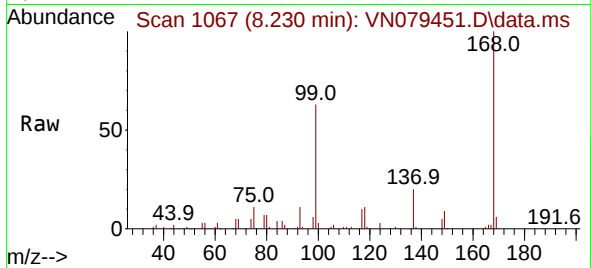
Quant Time: Oct 06 23:05:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43

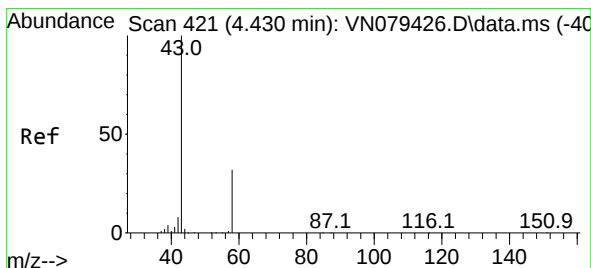
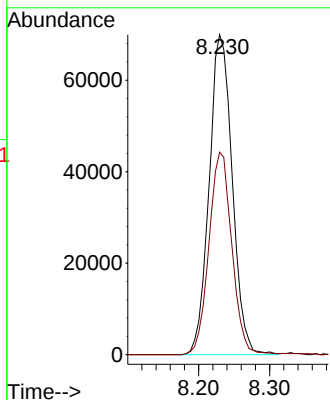
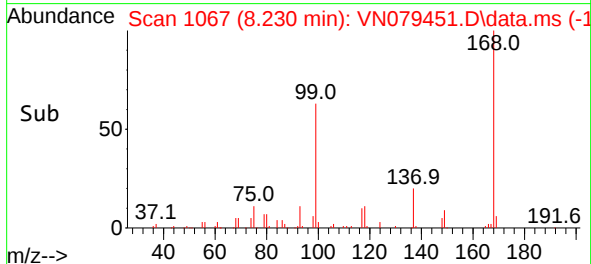
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#06



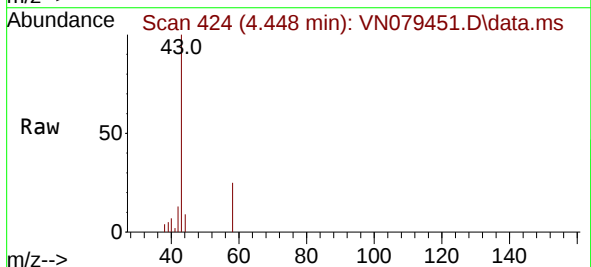
Tgt Ion:168 Resp: 157814
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6

Manual Integrations
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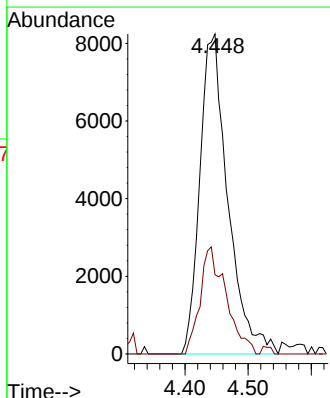
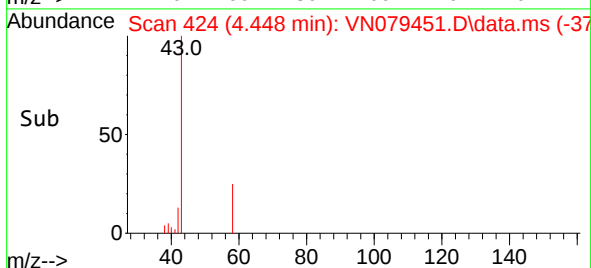
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

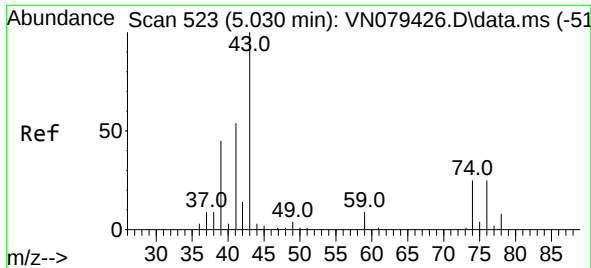


#16
Acetone
Concen: 25.037 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43



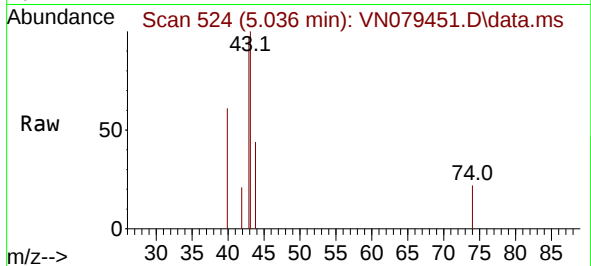
Tgt Ion: 43 Resp: 25410
Ion Ratio Lower Upper
43 100
58 24.8 28.0 42.0#





#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43

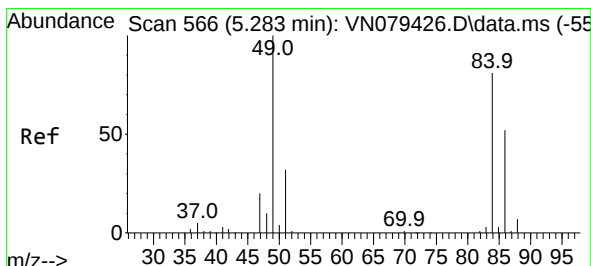
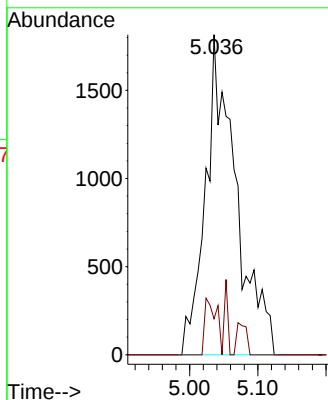
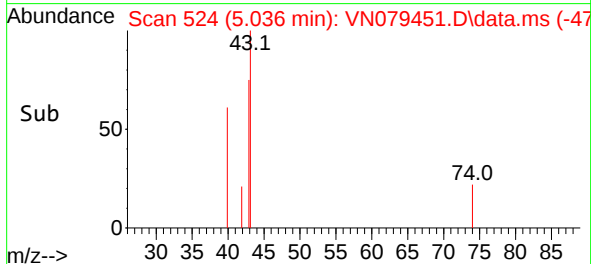
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#06



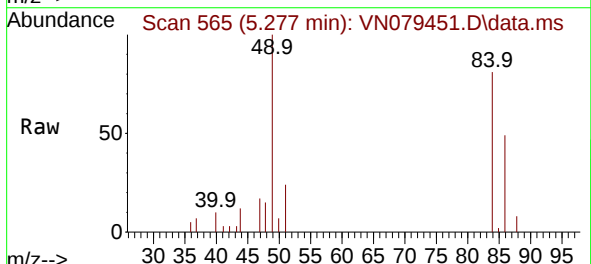
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
74 6.8 26.2 39.4

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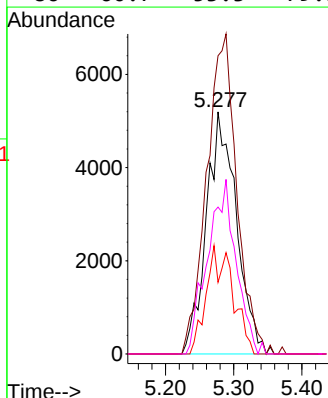
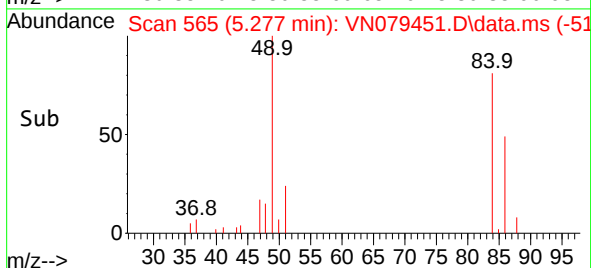
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

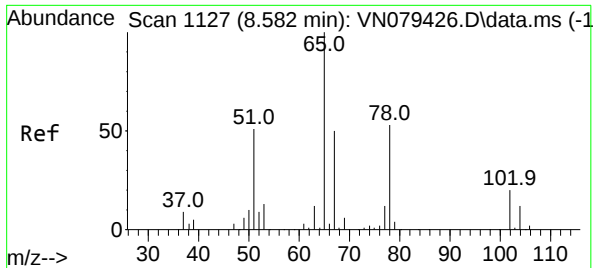


#20
Methylene Chloride
Concen: 6.650 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43



Tgt Ion: 84 Resp: 15939
Ion Ratio Lower Upper
84 100
49 123.2 79.7 119.5#
51 29.6 25.2 37.8
86 60.7 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 56.658 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079451.D

Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_N

ClientSampleId :

PB156147ZHE#06

Tgt Ion: 65 Resp: 14497

Ion Ratio Lower Upper

65 100

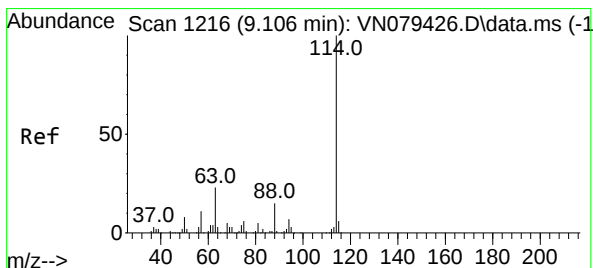
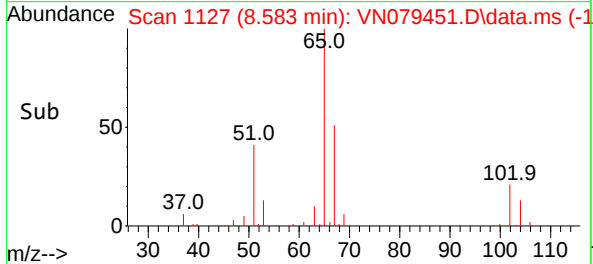
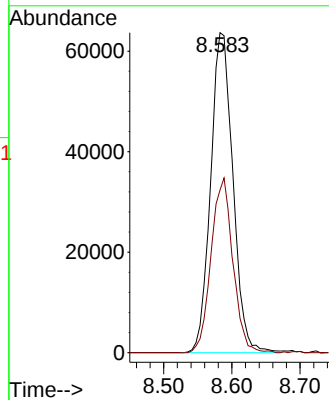
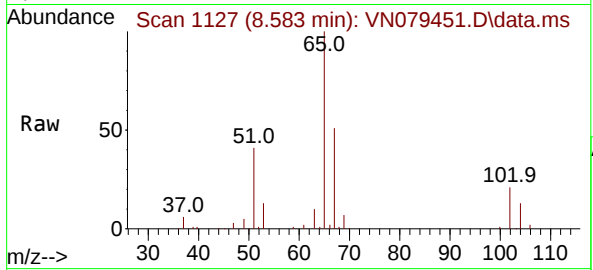
67 53.4 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN079451.D

Acq: 06 Oct 2023 16:43

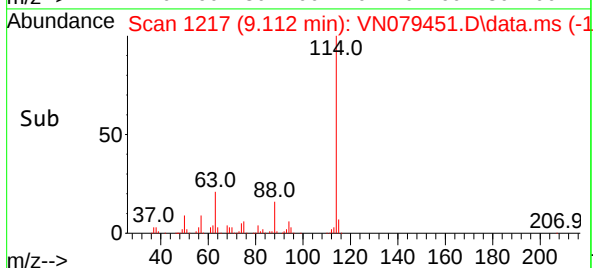
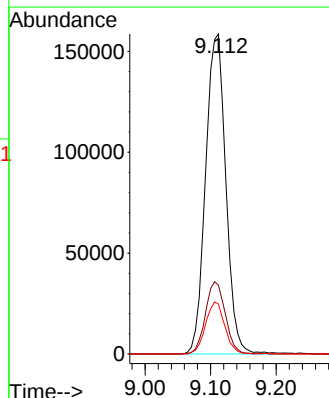
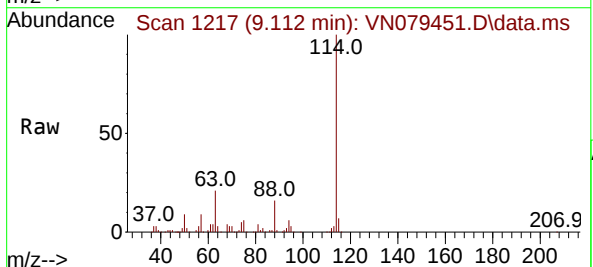
Tgt Ion:114 Resp: 341195

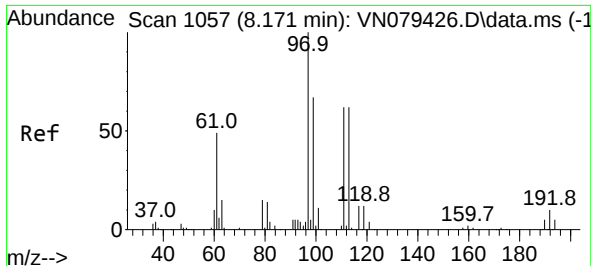
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.492 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079451.D

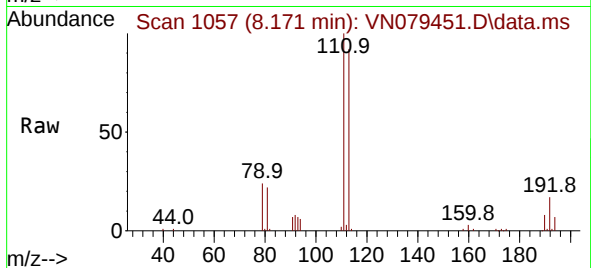
Acq: 06 Oct 2023 16:43

Instrument :

MSVOA_N

ClientSampleId :

PB156147ZHE#06



Tgt Ion: 113 Resp: 118900

Ion Ratio Lower Upper

113 100

111 107.0 82.6 123.8

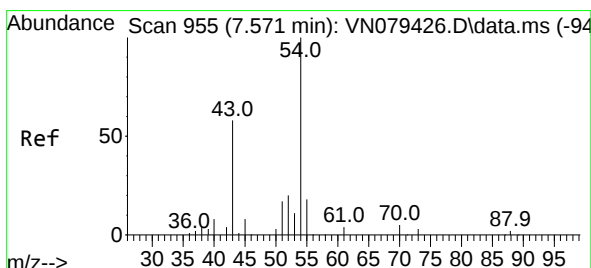
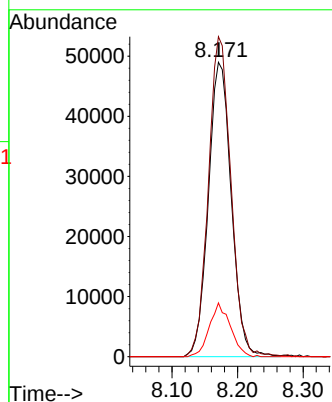
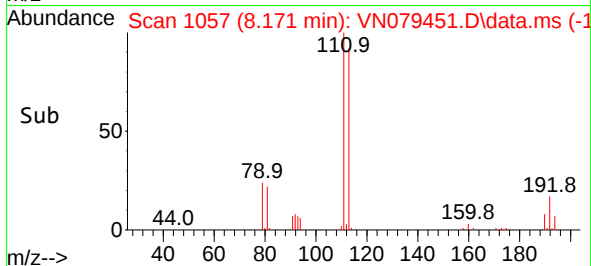
192 16.8 12.7 19.1

Manual Integrations

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#37

Ethyl Acetate

Concen: 1.439 ug/l m

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN079451.D

Acq: 06 Oct 2023 16:43

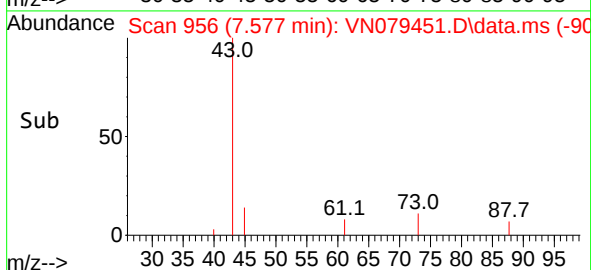
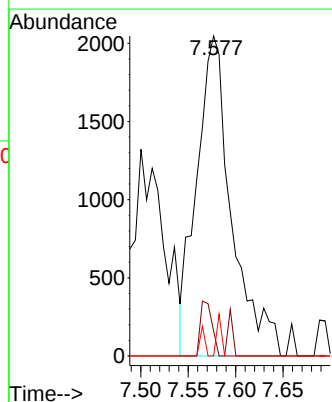
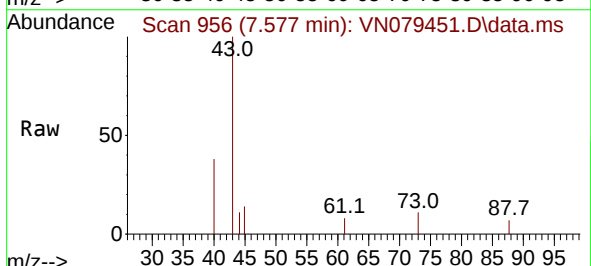
Tgt Ion: 43 Resp: 5270

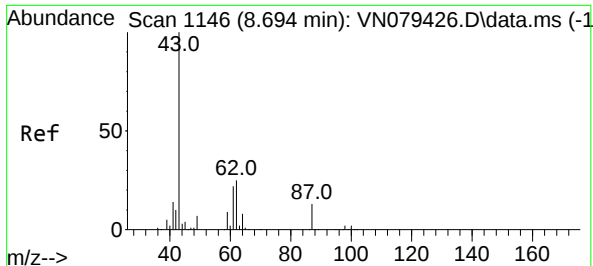
Ion Ratio Lower Upper

43 100

61 2.0 13.2 19.8#

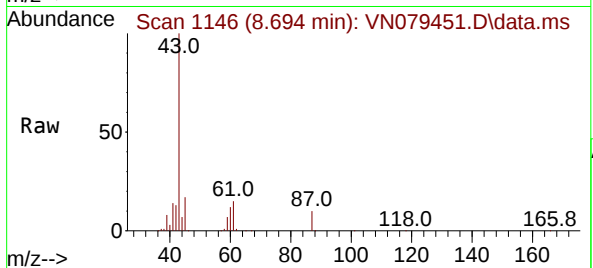
70 1.8 11.3 16.9#





#43
Isopropyl Acetate
Concen: 48.252 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43

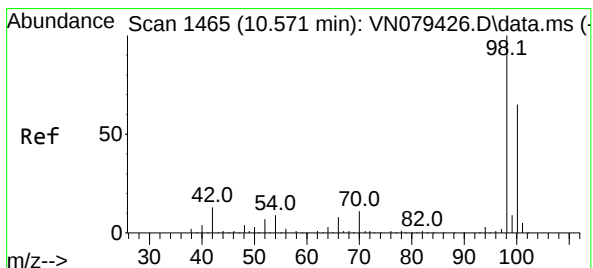
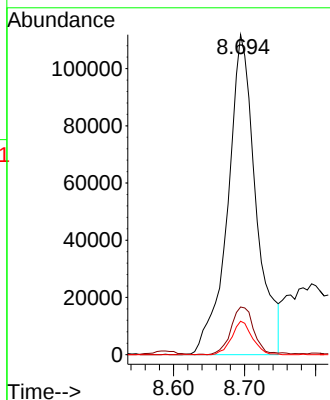
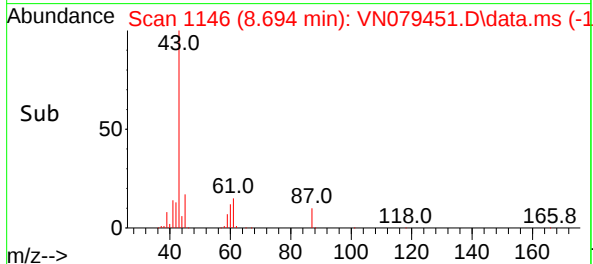
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#06



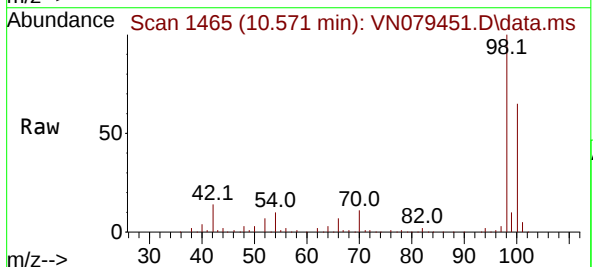
Tgt Ion: 43 Resp: 309549
Ion Ratio Lower Upper
43 100
61 12.4 24.7 37.1
87 7.6 14.6 21.8

Manual Integrations
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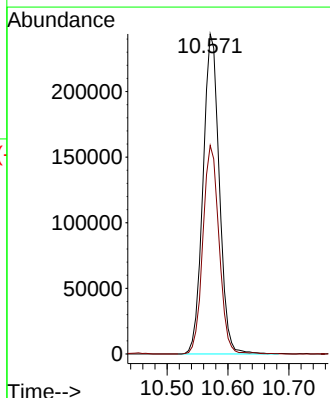
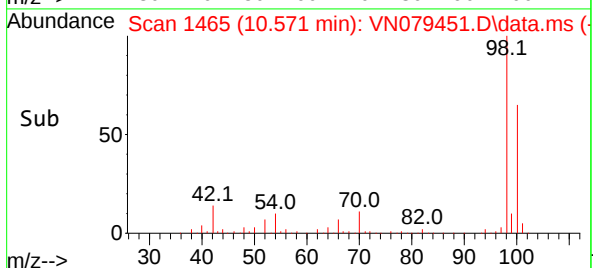
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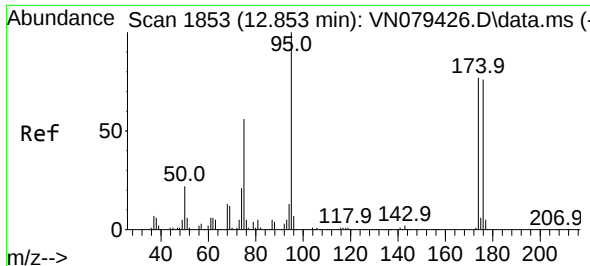


#50
Toluene-d8
Concen: 51.155 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43



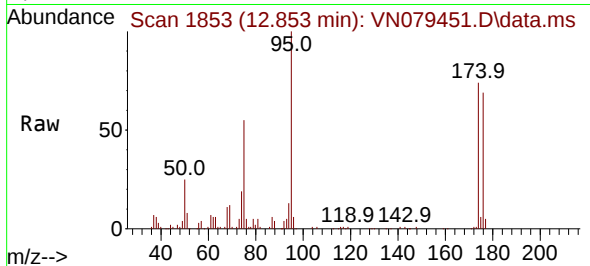
Tgt Ion: 98 Resp: 453844
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 45.258 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43

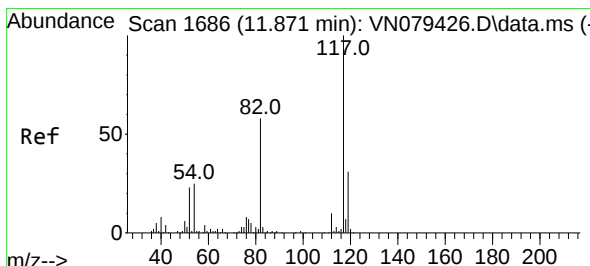
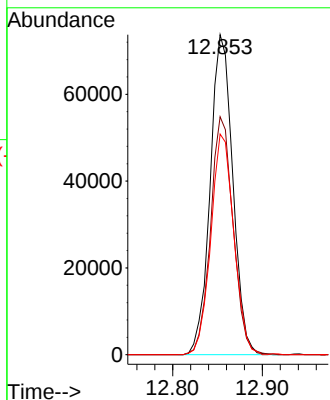
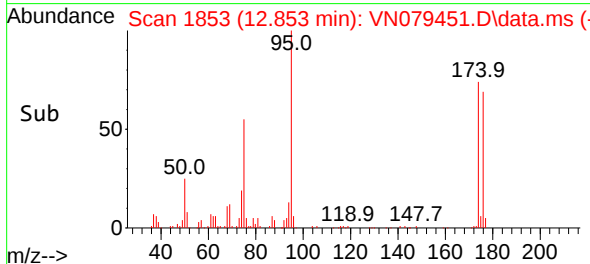
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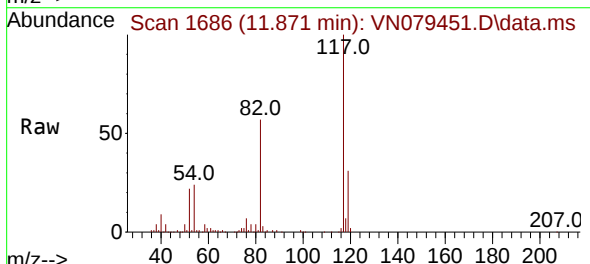
Tgt Ion: 95 Resp: 12885
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 70.2 0.0 135.8

Manual Integrations
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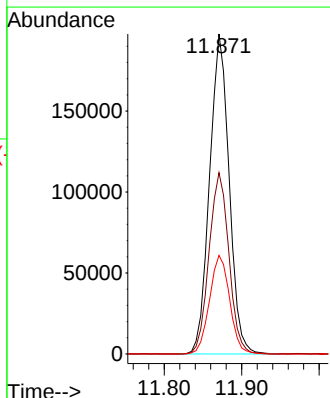
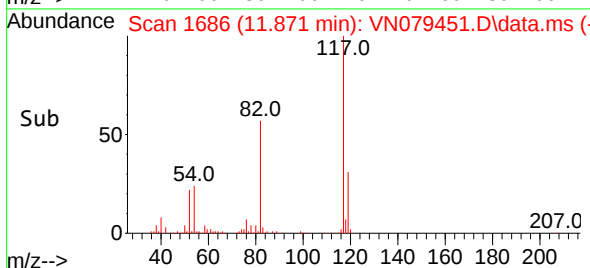
Reviewed By :John Carlone 10/09/2023
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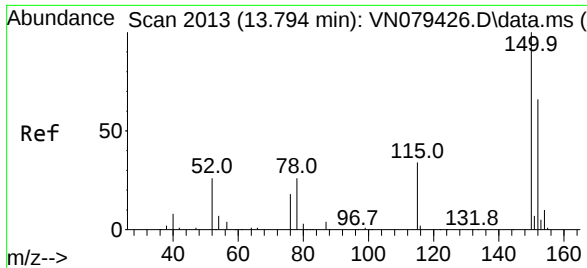


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079451.D
Acq: 06 Oct 2023 16:43



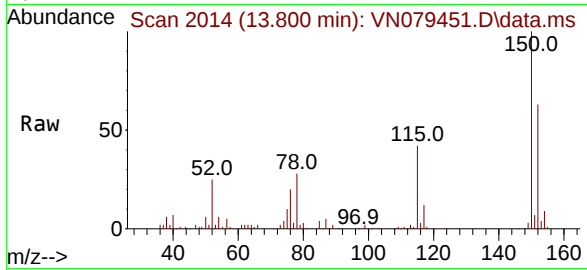
Tgt Ion:117 Resp: 346338
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079451.D
 Acq: 06 Oct 2023 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 9450
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 157.7 0.0 355.8

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