

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079585.D
 Acq On : 17 Oct 2023 16:45
 Operator : JC\MD
 Sample : 04894-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(OCT)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 02:32:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	19187	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	129697	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	151664	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	84841	31.100	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	103.667%	
60) 4-Bromofluorobenzene	12.859	95	56878	20.508	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	68.367%	
63) Toluene-d8	10.571	98	188786	29.049	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	96.833%	
Target Compounds						
15) Acetone	4.436	58	9746m	20.613	ug/l	Qvalue
23) tert-Butyl Alcohol	5.542	59	13532m	27.114	ug/l	
25) Chloroform	7.971	83	9205	1.586	ug/l	86
62) Toluene	10.635	91	106059	9.150	ug/l	97

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

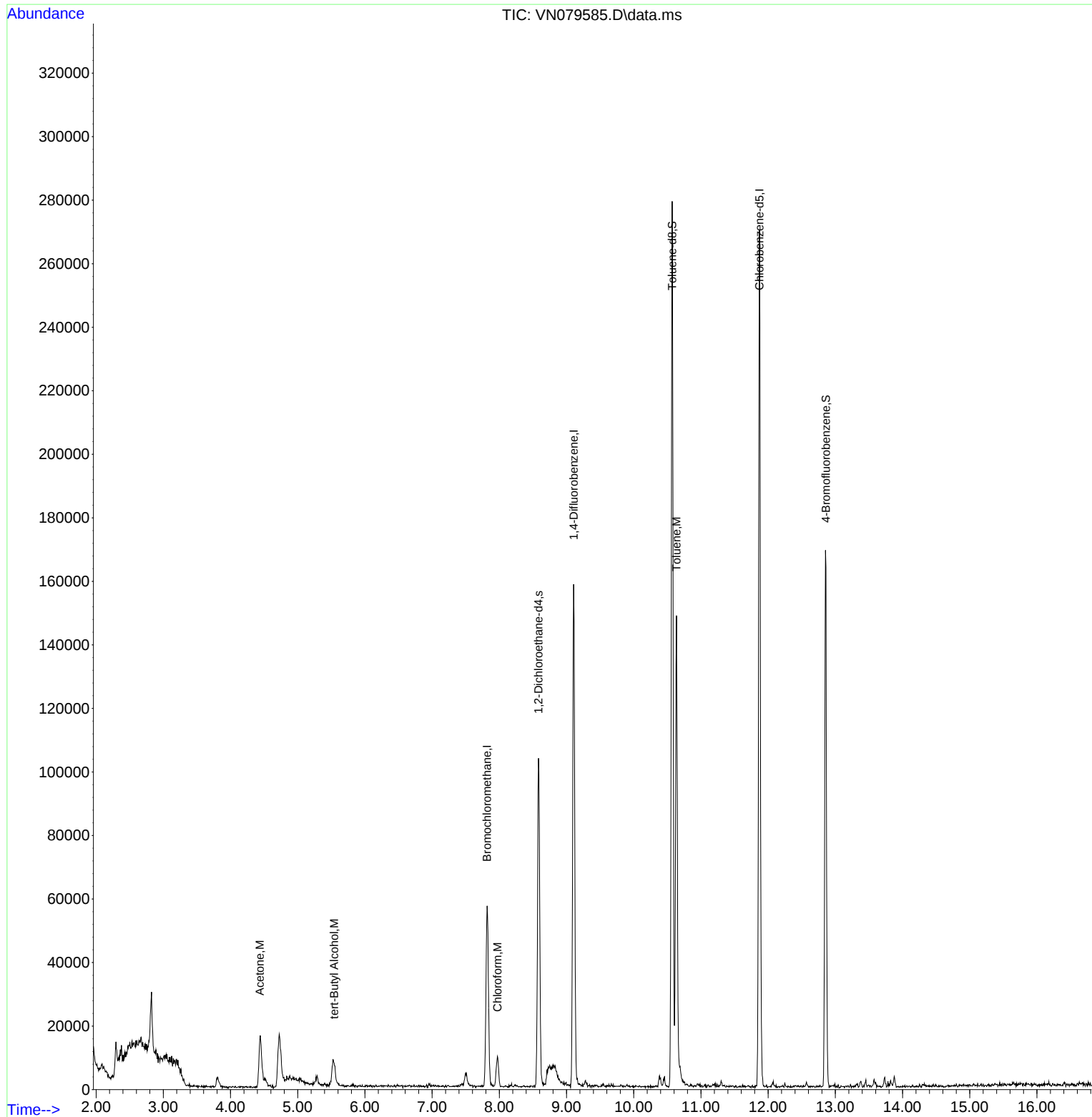
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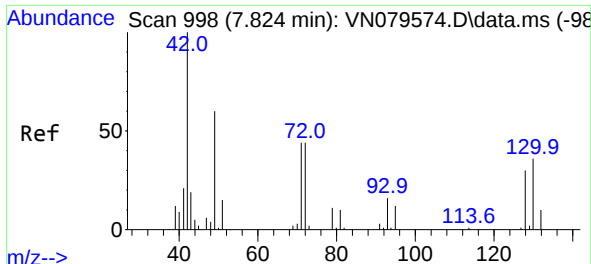
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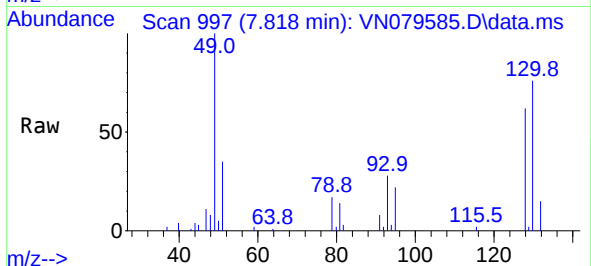
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

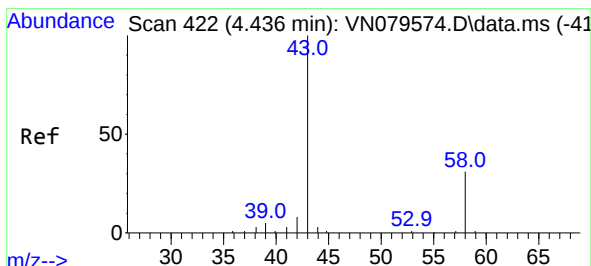
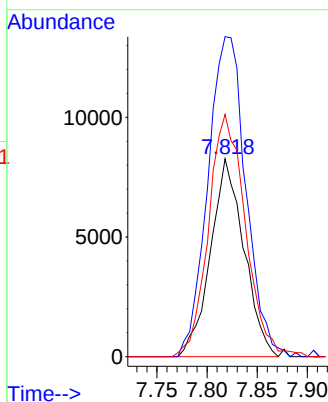
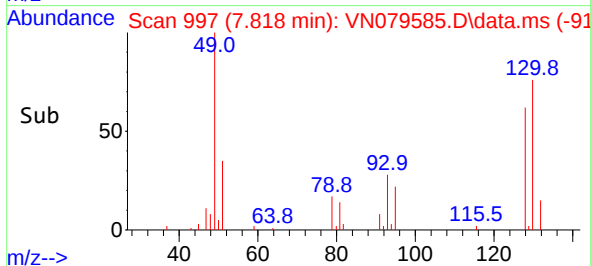
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(OCT)



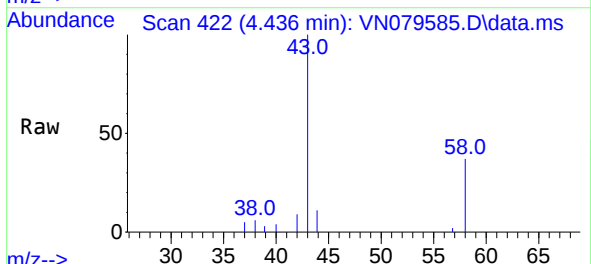
Tgt Ion:128 Resp: 1918
Ion Ratio Lower Upper
128 100
49 183.6 0.0 468.5
130 134.0 0.0 320.7

Manual Integrations
APPROVED

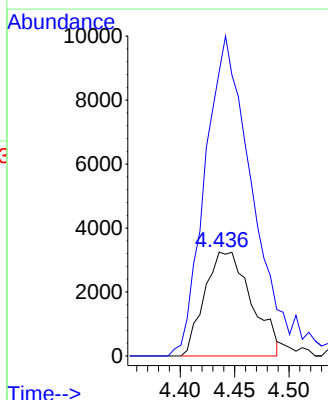
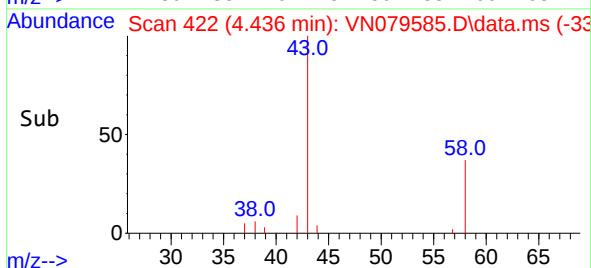
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023

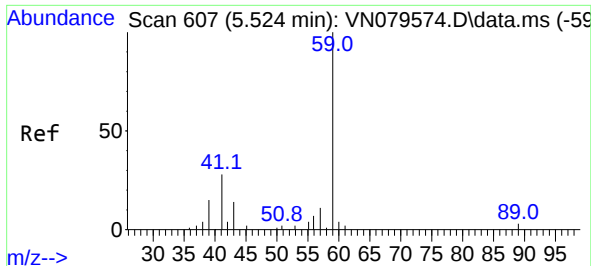


#15
Acetone
Concen: 20.613 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45



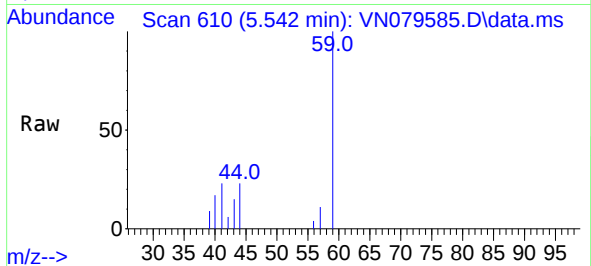
Tgt Ion: 58 Resp: 9746
Ion Ratio Lower Upper
58 100
43 273.6 225.2 337.8





#23
tert-Butyl Alcohol
Concen: 27.114 ug/l m
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

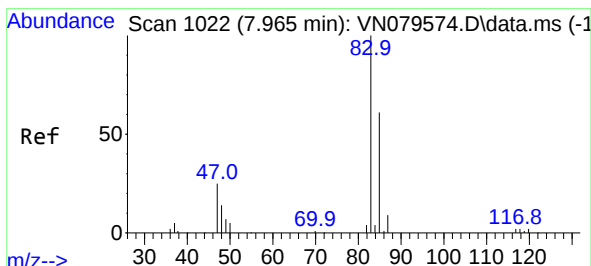
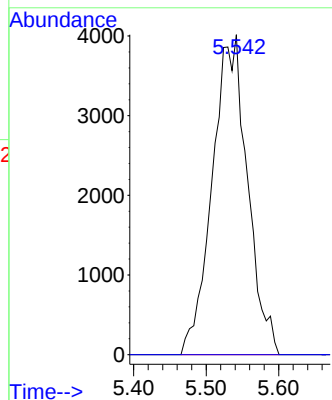
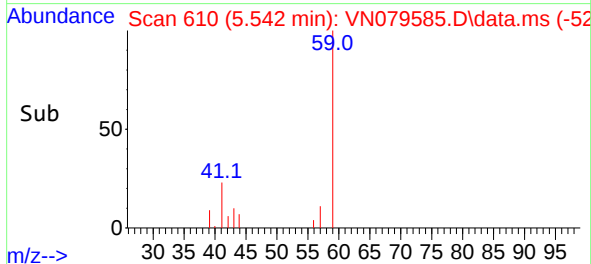
Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(OCT)



Tgt Ion: 59 Resp: 1353
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

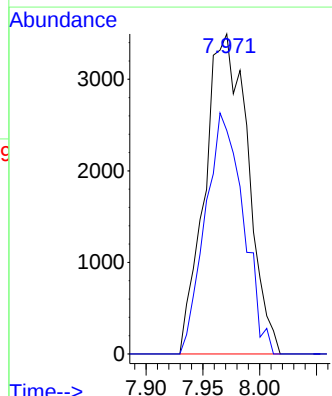
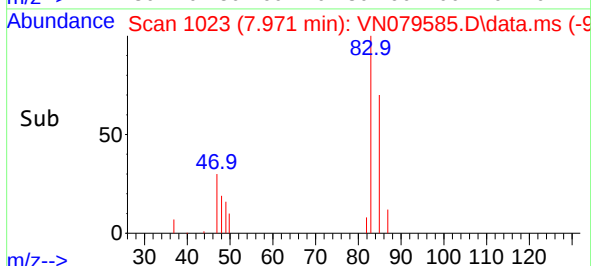
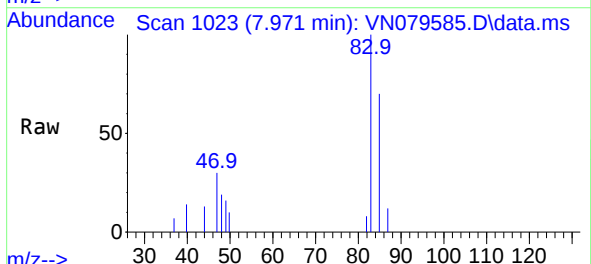
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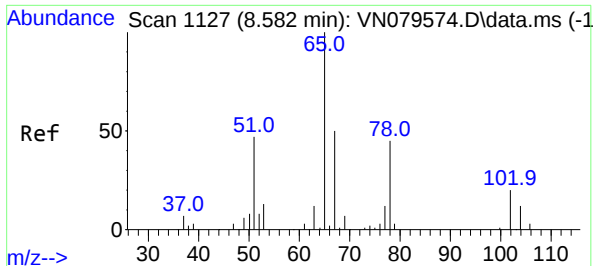
Reviewed By :John Carlone 10/18/2023
Supervised By :Mahesh Dadoda 10/20/2023



#25
Chloroform
Concen: 1.586 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

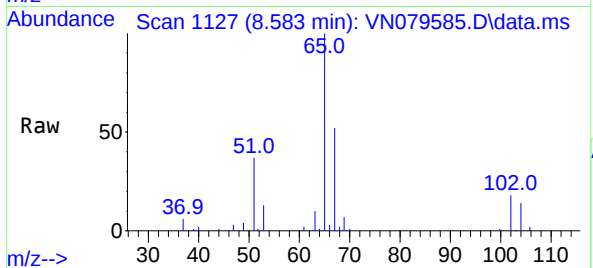
Tgt Ion: 83 Resp: 9205
Ion Ratio Lower Upper
83 100
85 69.8 47.4 71.2





#27
1,2-Dichloroethane-d4
Concen: 31.100 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

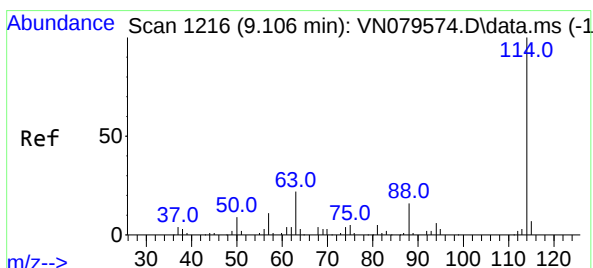
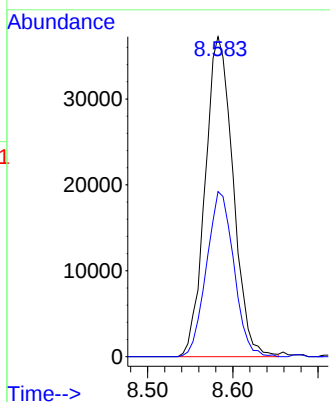
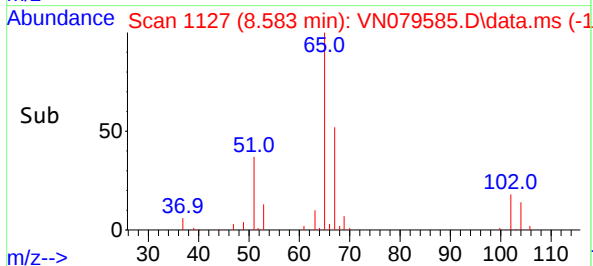
Instrument :
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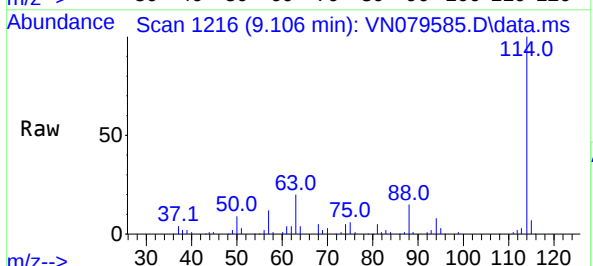
Tgt Ion: 65 Resp: 8484
Ion Ratio Lower Upper
65 100
67 50.5 42.1 63.1

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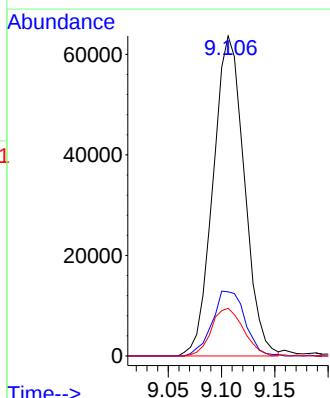
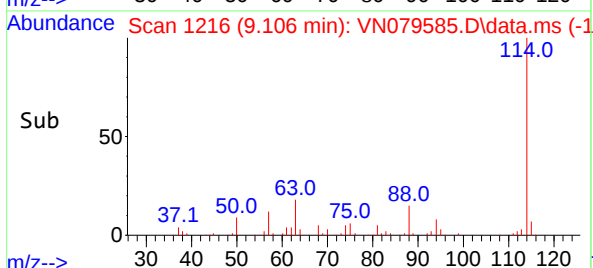
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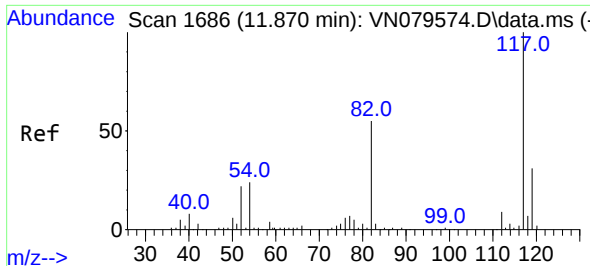


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45



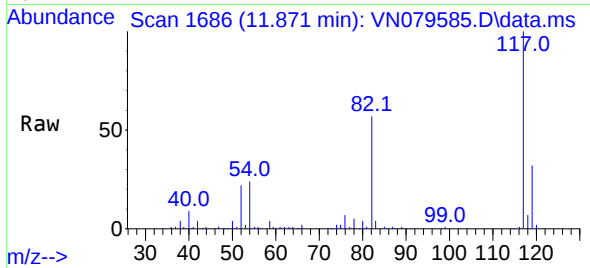
Tgt Ion:114 Resp: 129697
Ion Ratio Lower Upper
114 100
63 21.3 18.1 27.1
88 15.2 12.2 18.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

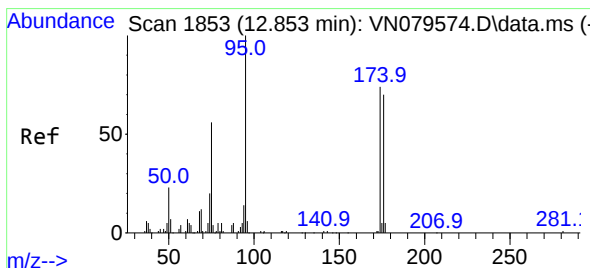
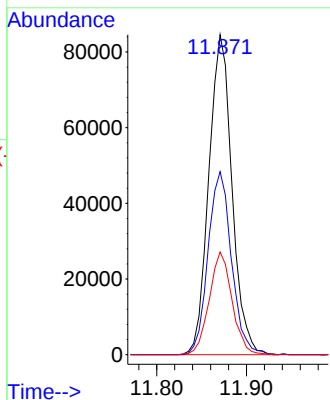
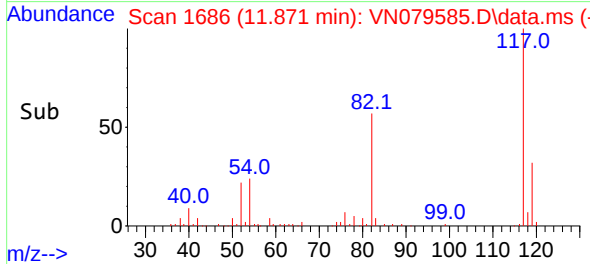
Instrument :
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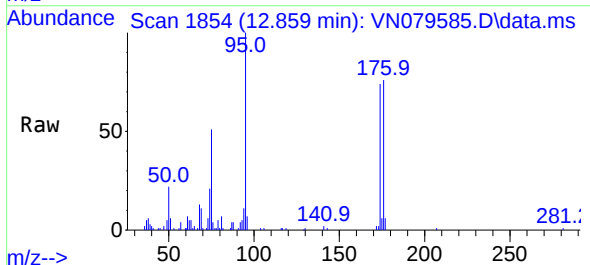
Tgt Ion:117 Resp: 151664
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.2
119 31.7 25.2 37.8

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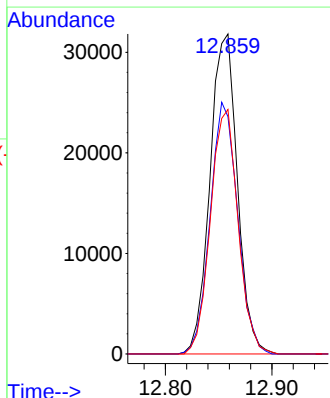
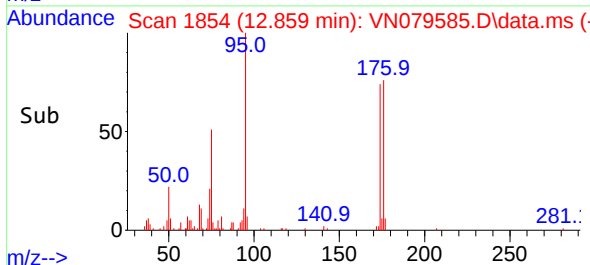
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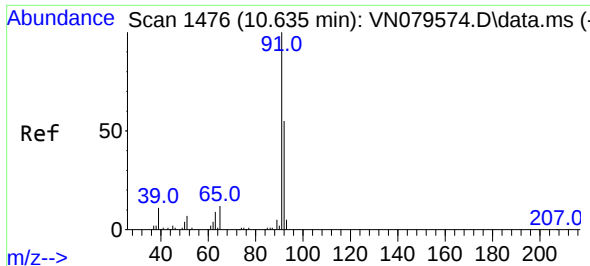


#60
4-Bromofluorobenzene
Concen: 20.508 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45



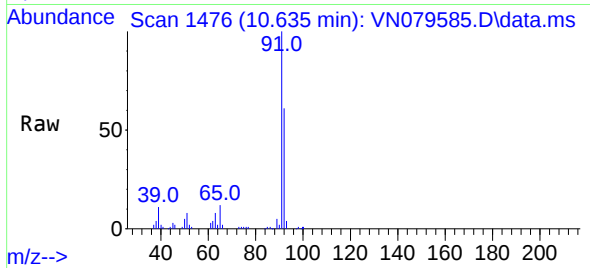
Tgt Ion: 95 Resp: 56878
Ion Ratio Lower Upper
95 100
174 79.0 60.5 90.7
176 77.0 57.2 85.8





#62
Toluene
Concen: 9.150 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

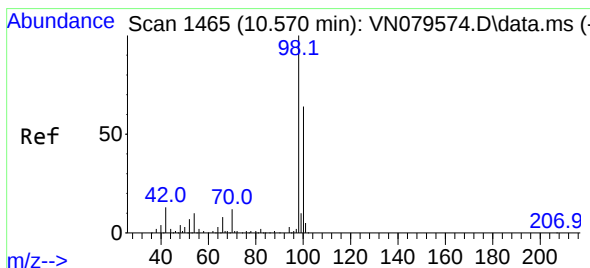
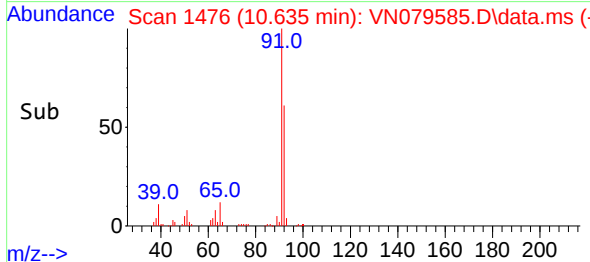
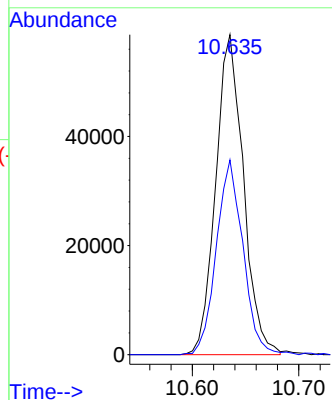
Instrument : MSVOA_N
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Tgt Ion: 91 Resp: 106059
Ion Ratio Lower Upper
91 100
92 58.6 45.3 67.9

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2023



#63
Toluene-d8
Concen: 29.049 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079585.D
Acq: 17 Oct 2023 16:45

Tgt Ion: 98 Resp: 188786
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

