

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084348.D
 Acq On : 08 Oct 2024 14:53
 Operator : JC\MD
 Sample : P4334-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 09 02:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	31390	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165437	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154322	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	79279	31.371	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.567%			
60) 4-Bromofluorobenzene	12.847	95	69842	27.422	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.400%			
63) Toluene-d8	10.565	98	210498	29.444	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.133%			
Target Compounds						
15) Acetone	4.424	58	309723	986.299	ug/l	97
25) Chloroform	7.971	83	5224	1.320	ug/l	98
30) 2-Butanone	7.482	43	36140	24.994	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	12613	4.387	ug/l	97
62) Toluene	10.629	91	495692	54.868	ug/l	99
82) p-Isopropyltoluene	13.729	119	10396	1.363	ug/l	98
91) Naphthalene	15.647	128	7120m	1.013	ug/l	

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

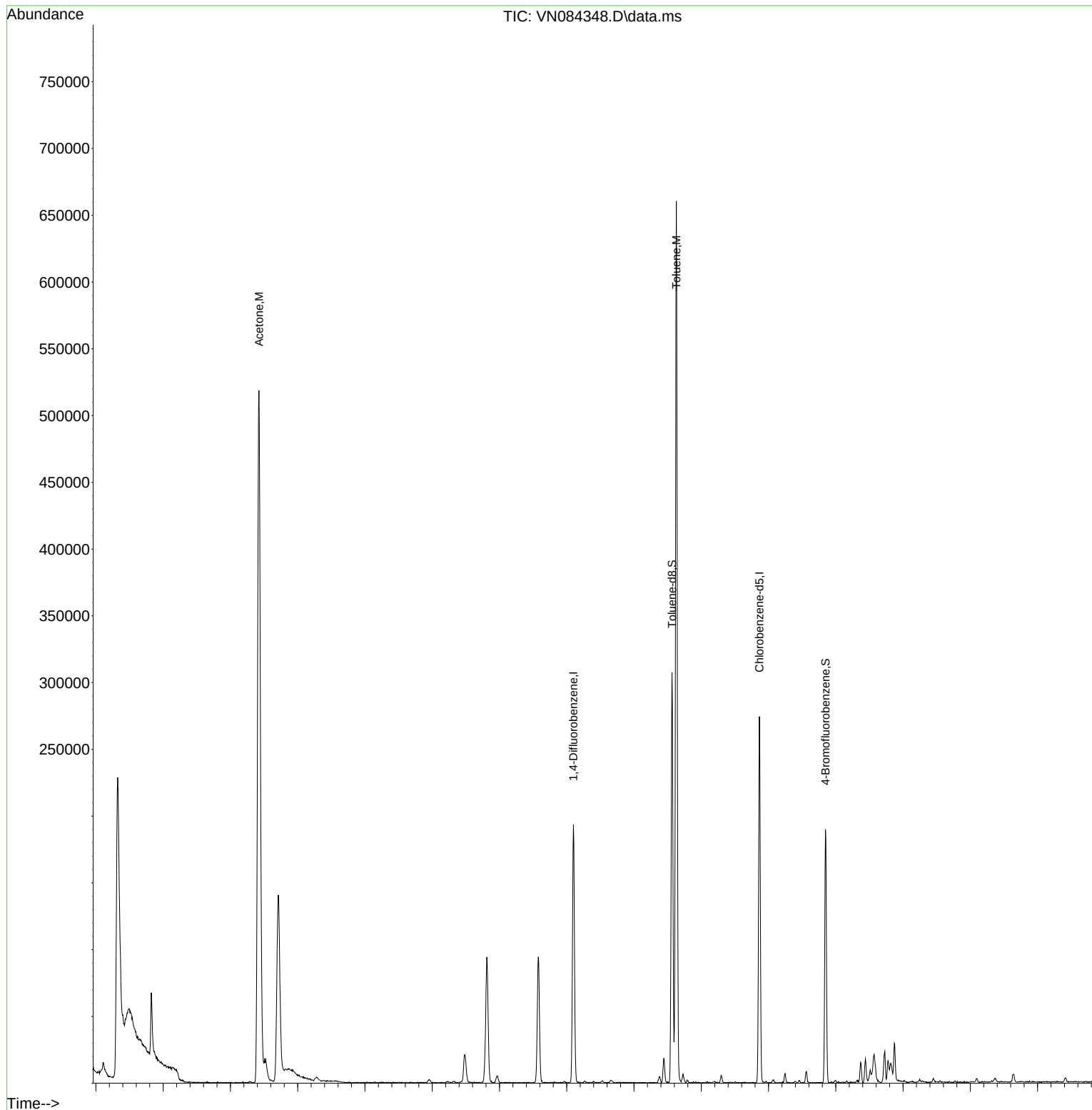
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
Data File : VN084348.D
Acq On : 08 Oct 2024 14:53
Operator : JC\MD
Sample : P4334-01
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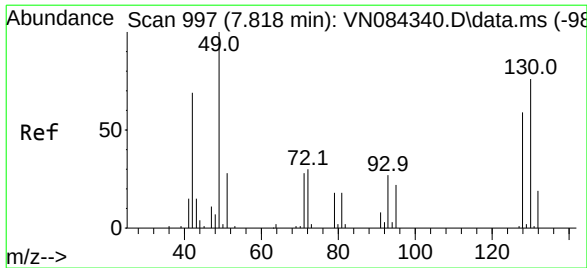
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Manual Integrations
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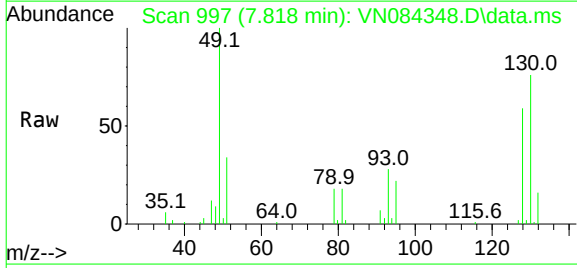
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:21:08 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

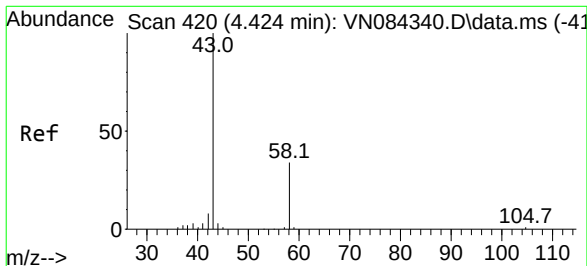
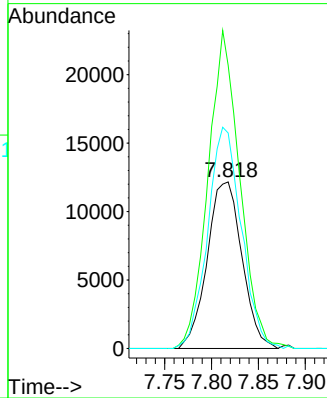
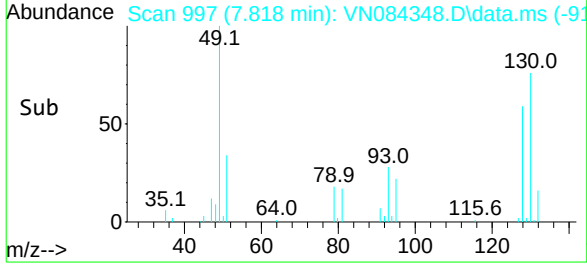
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 128 Resp: 31396
Ion Ratio Lower Upper
128 100
49 173.9 0.0 430.0
130 128.3 0.0 329.8

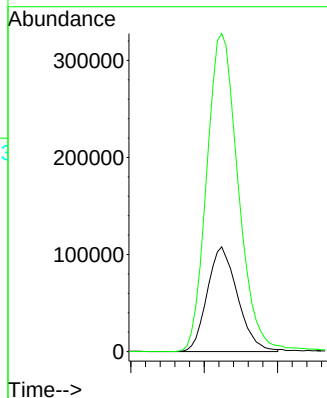
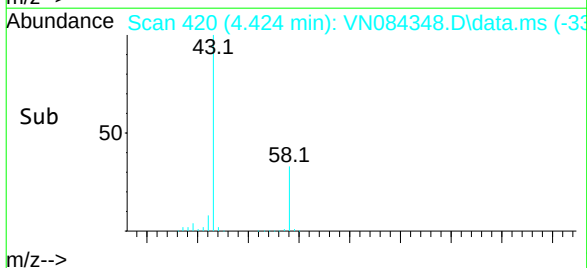
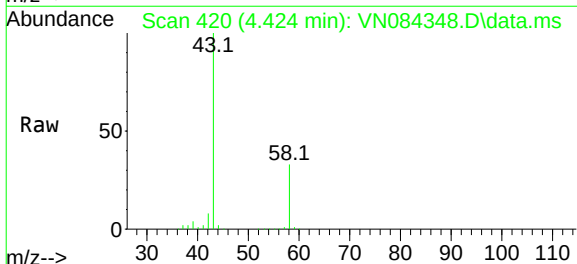
Manual Integrations
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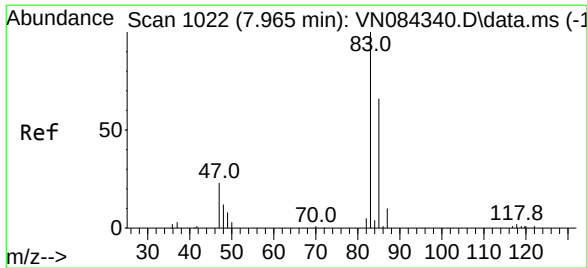
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#15
Acetone
Concen: 986.299 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

Tgt Ion: 58 Resp: 309723
Ion Ratio Lower Upper
58 100
43 303.1 237.5 356.3





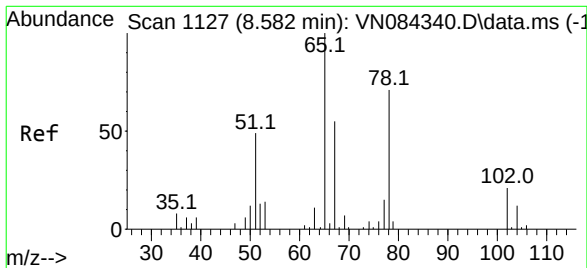
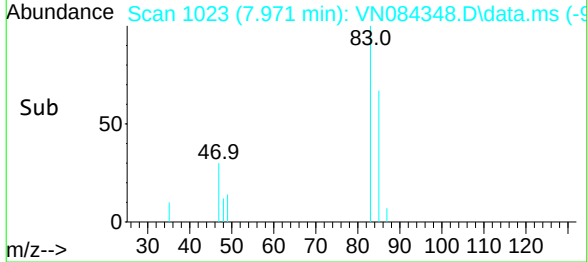
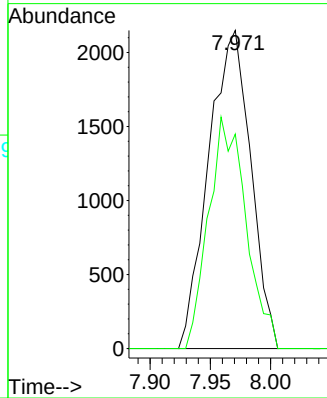
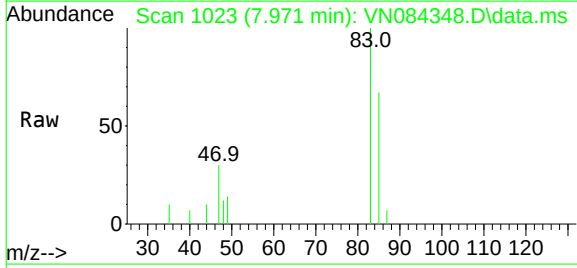
#25
Chloroform
Concen: 1.320 ug/l
RT: 7.971 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

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

Tgt Ion: 83 Resp: 5224
Ion Ratio Lower Upper
83 100
85 67.4 52.4 78.6

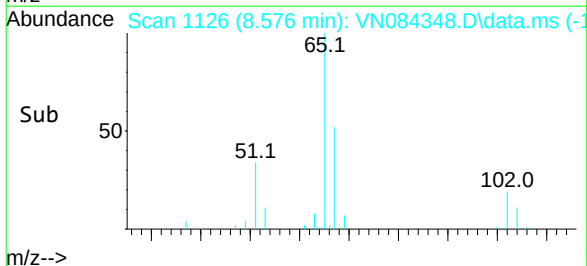
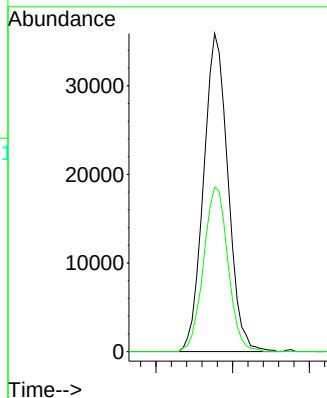
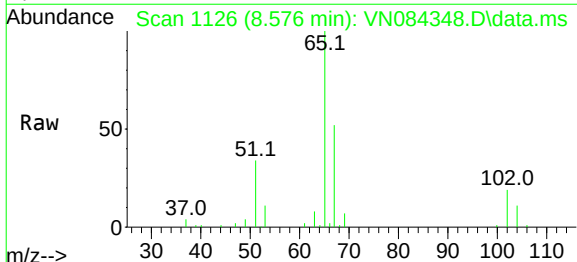
Manual Integrations
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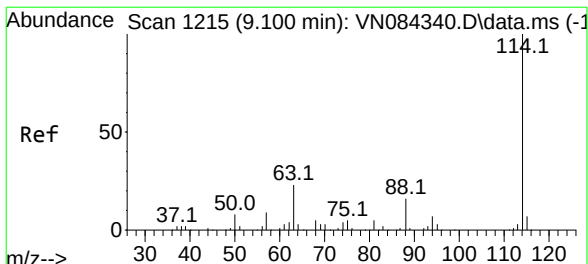
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#27
1,2-Dichloroethane-d4
Concen: 31.371 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

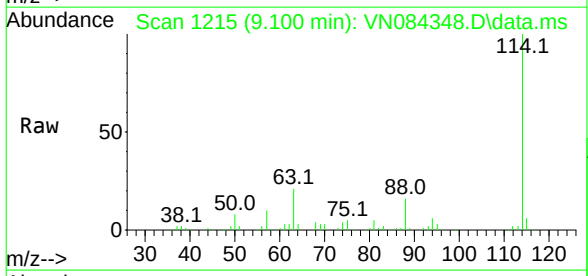
Tgt Ion: 65 Resp: 79279
Ion Ratio Lower Upper
65 100
67 51.8 41.5 62.3





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

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

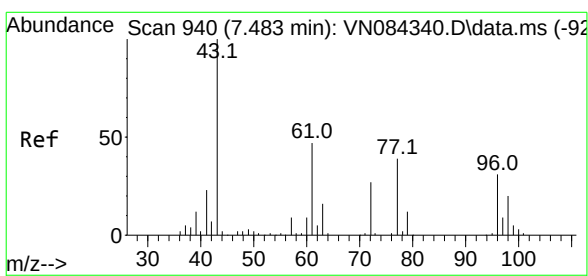
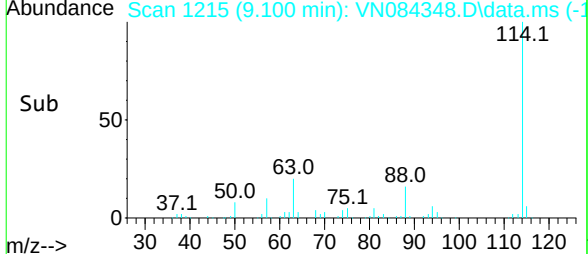
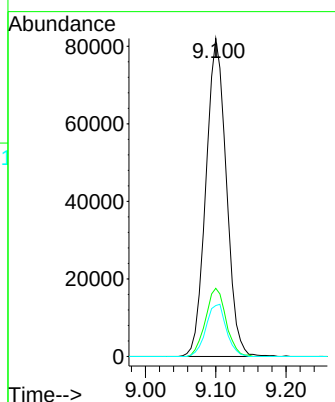


Tgt Ion: 114 Resp: 165437

Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.0
88	16.4	13.2	19.8

Manual Integrations
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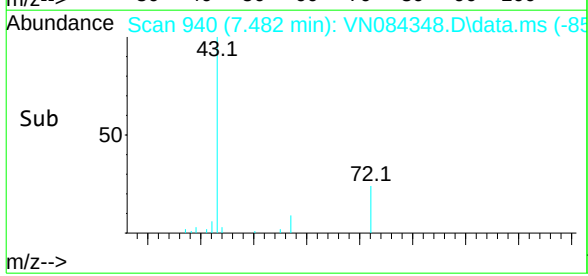
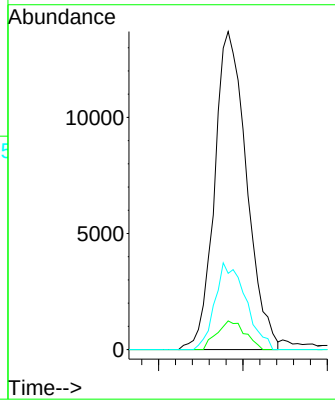
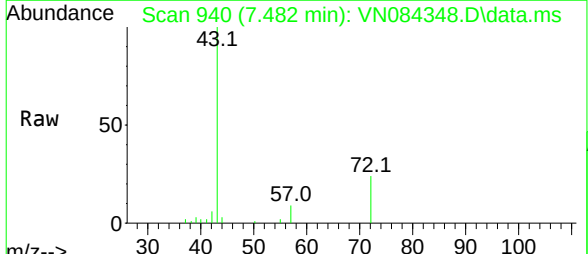
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

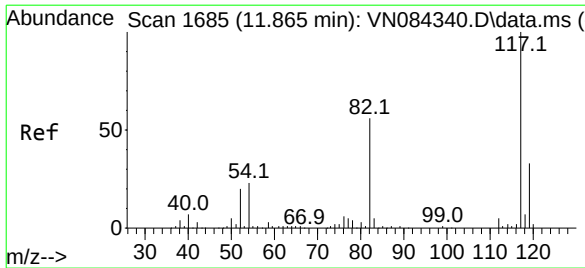


#30
2-Butanone
Concen: 24.994 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

Tgt Ion: 43 Resp: 36140

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	9.8
72	26.2	21.3	31.9





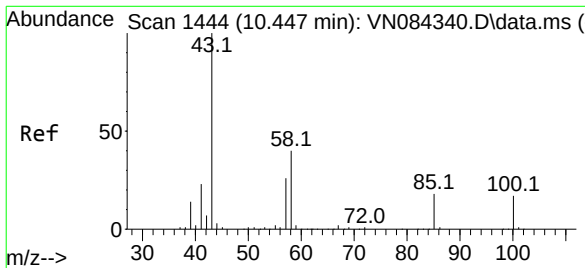
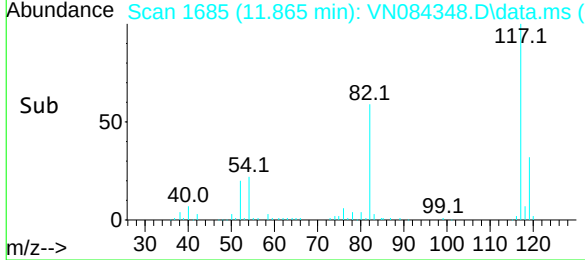
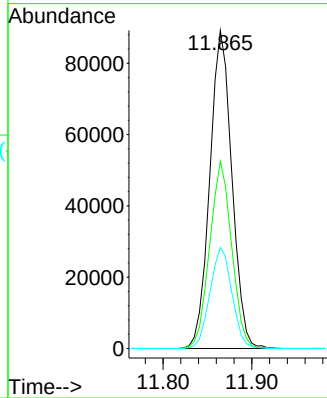
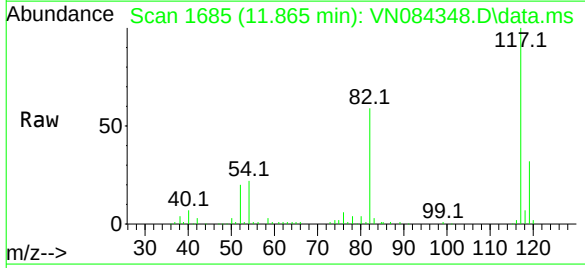
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

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

Tgt Ion: 117 Resp: 154322
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 31.6 25.4 38.2

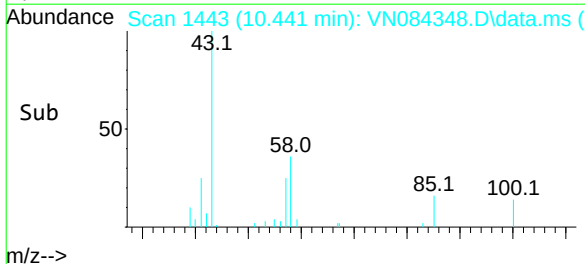
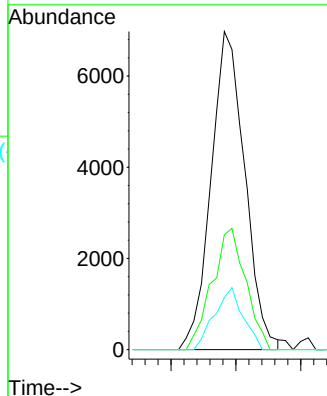
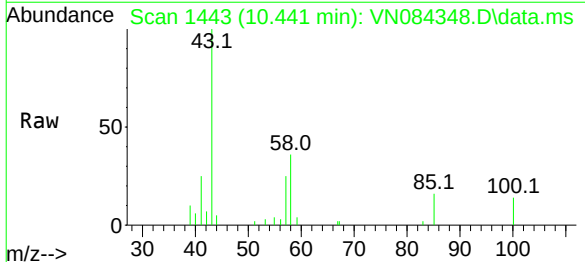
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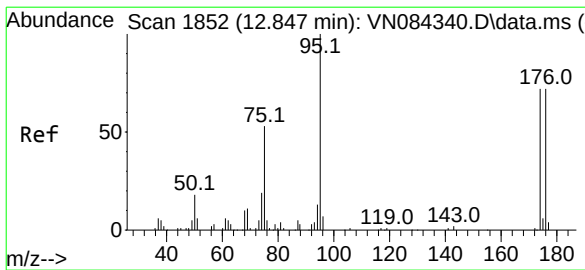
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
4-Methyl-2-Pentanone
Concen: 4.387 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

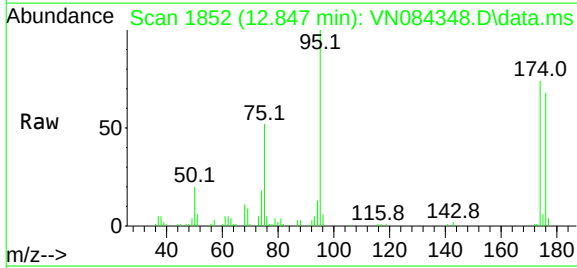
Tgt Ion: 43 Resp: 12613
Ion Ratio Lower Upper
43 100
58 38.0 31.9 47.9
85 16.5 14.6 22.0





#60
4-Bromofluorobenzene
Concen: 27.422 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

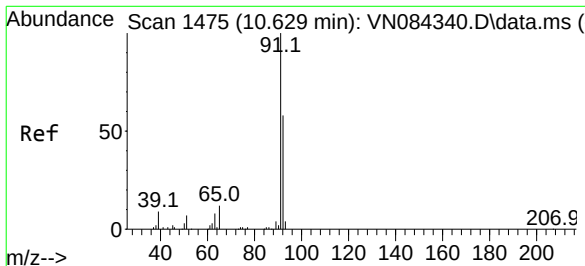
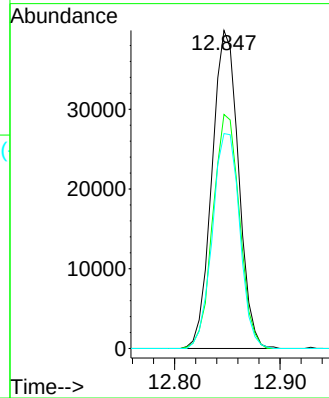
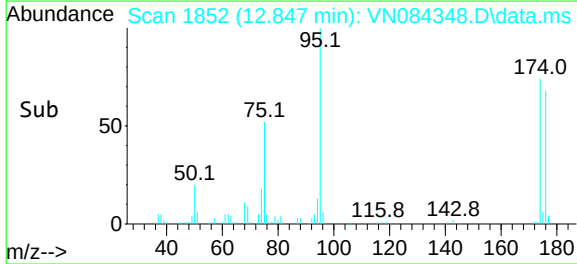
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)



Tgt Ion: 95 Resp: 69842
Ion Ratio Lower Upper
95 100
174 73.6 58.2 87.2
176 69.2 56.4 84.6

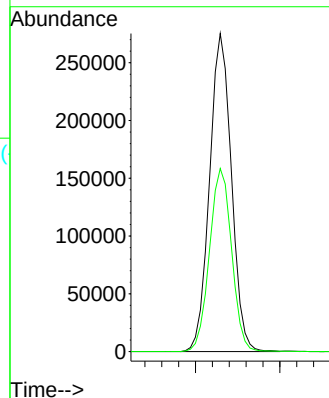
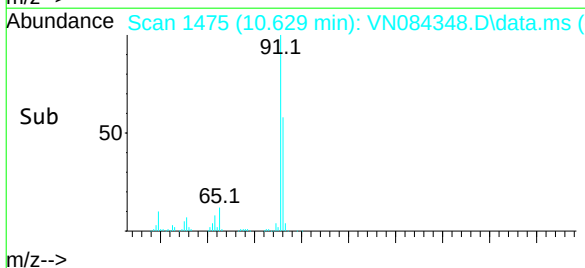
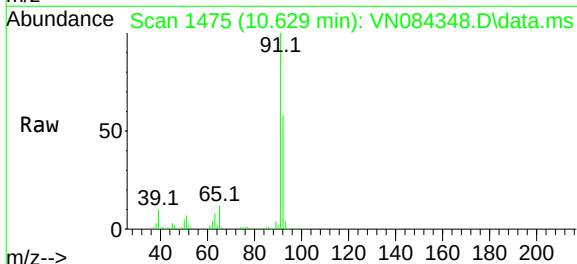
Manual Integrations
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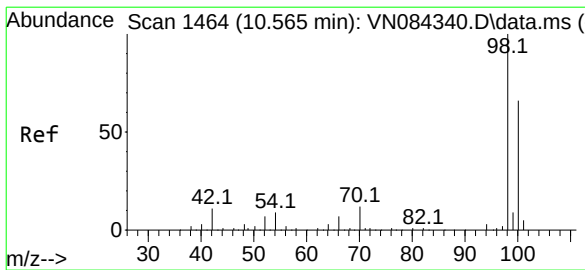
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 54.868 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

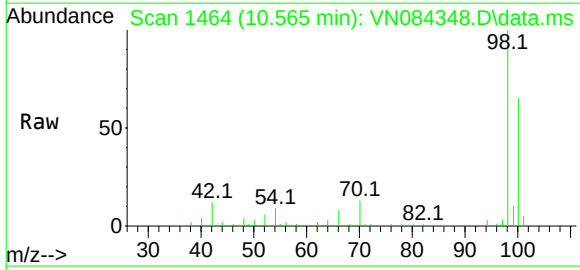
Tgt Ion: 91 Resp: 495692
Ion Ratio Lower Upper
91 100
92 58.4 47.2 70.8





#63
Toluene-d8
Concen: 29.444 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

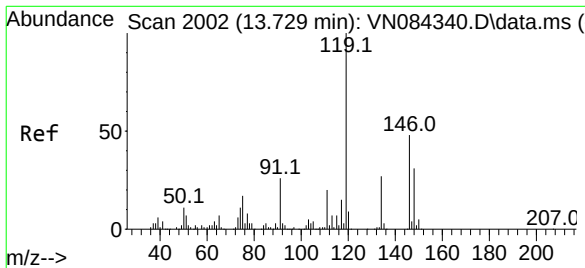
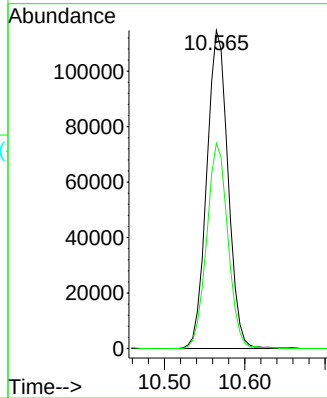
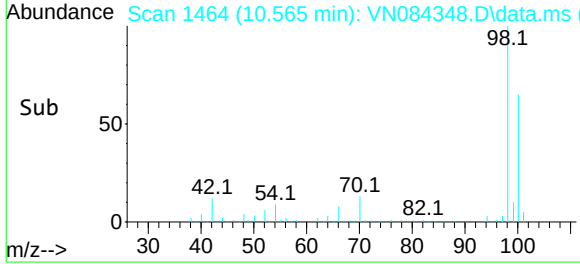
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(SEP)



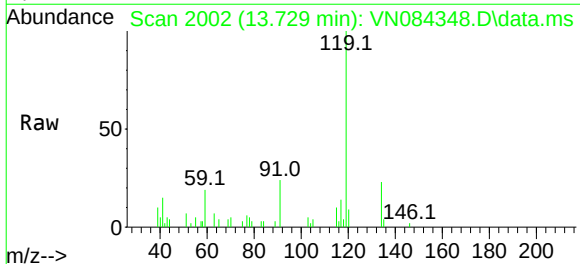
Tgt Ion: 98 Resp: 210498
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

Manual Integrations
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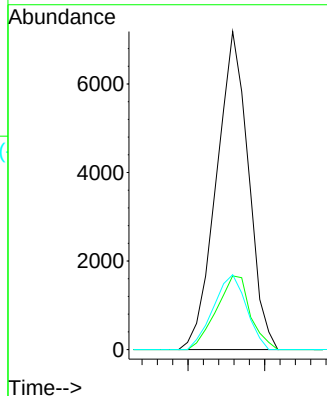
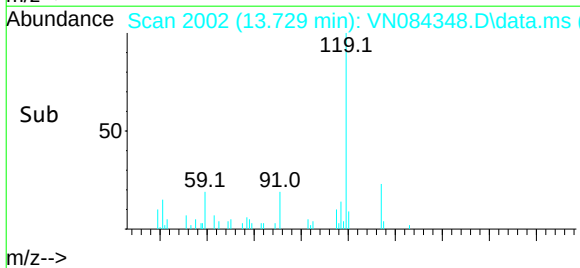
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Supervised By :Mahesh Dadoda 10/09/2024

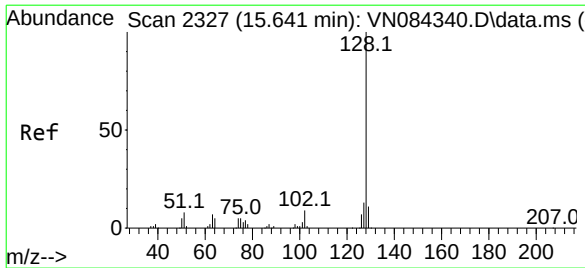


#82
p-Isopropyltoluene
Concen: 1.363 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53



Tgt Ion:119 Resp: 10396
Ion Ratio Lower Upper
119 100
134 24.5 0.0 50.2
91 24.4 0.0 50.6





#91
Naphthalene
Concen: 1.013 ug/l m
RT: 15.647 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084348.D
Acq: 08 Oct 2024 14:53

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

Tgt Ion:	128	Resp:	7120
Ion Ratio	Lower	Upper	
128	100		
127	8.5	10.3	15.5#
129	4.0	8.8	13.2#

Manual Integrations
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