

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084991.D
 Acq On : 21 Nov 2024 12:18
 Operator : JC\MD
 Sample : P4853-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(NOV)DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 14:43:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29935	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	160655	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	138636	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	74063	30.775	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.567%			
60) 4-Bromofluorobenzene	12.847	95	61511	25.768	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 85.900%			
63) Toluene-d8	10.565	98	186234	28.376	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 94.600%			
Target Compounds						
15) Acetone	4.430	58	21336	93.342	ug/l	96
16) Carbon Disulfide	4.706	76	6302m	1.228	ug/l	
30) 2-Butanone	7.489	43	7792	6.981	ug/l #	79
62) Toluene	10.630	91	274179	34.723	ug/l	99
67) m/p-Xylenes	12.071	106	855	0.269	ug/l #	43
82) p-Isopropyltoluene	13.729	119	3786	0.608	ug/l	94

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

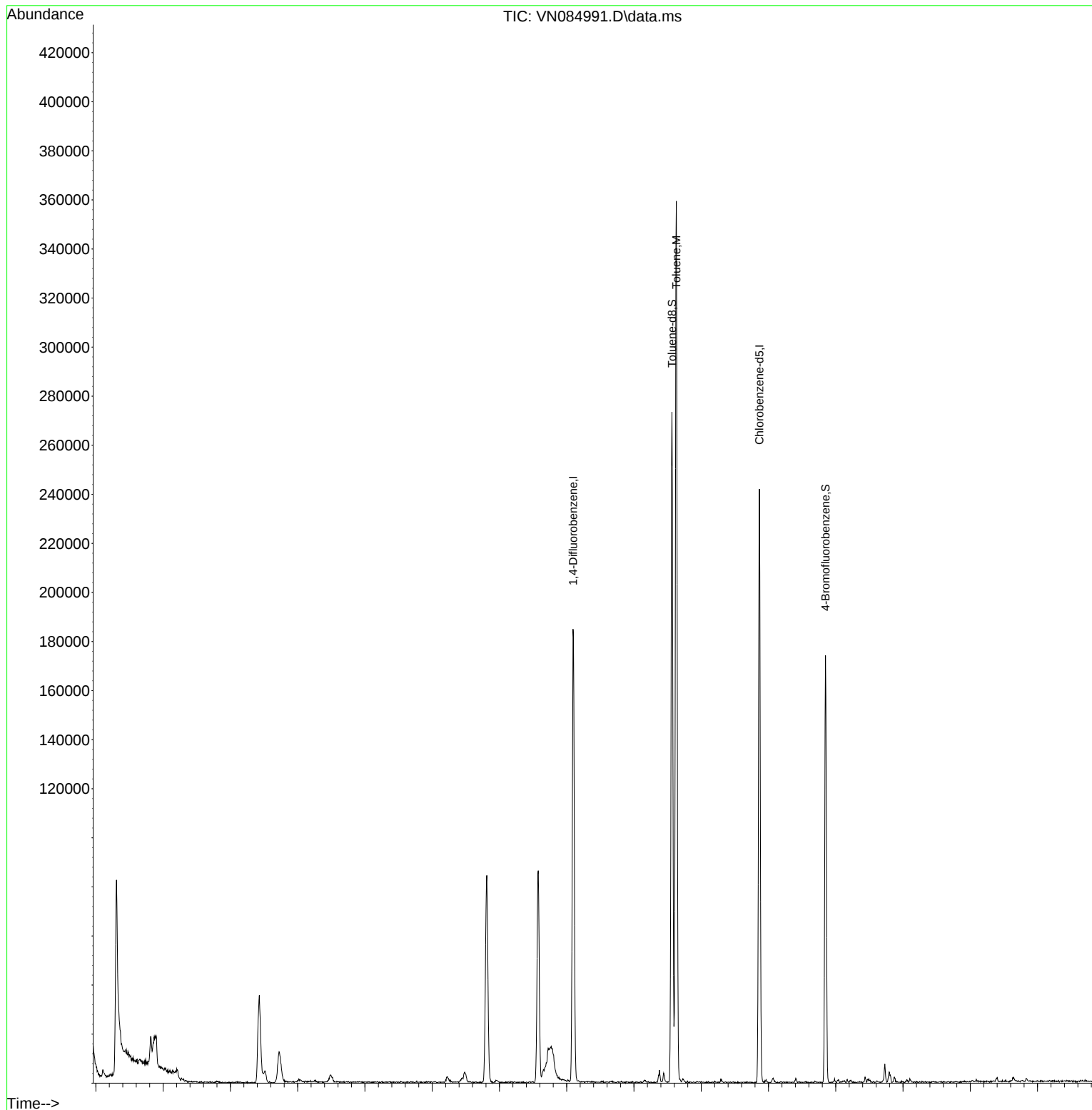
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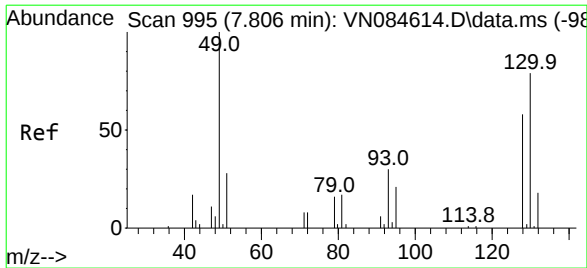
Instrument :
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001-WILLETS-PT-BLVD(NOV)DL

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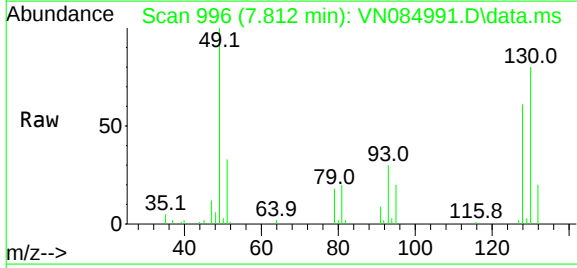
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

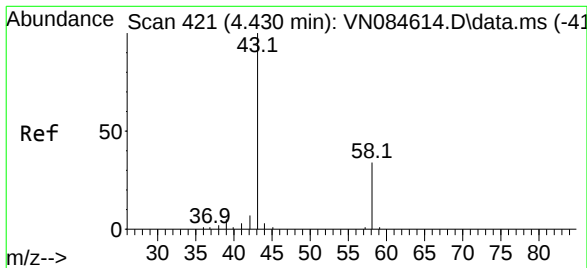
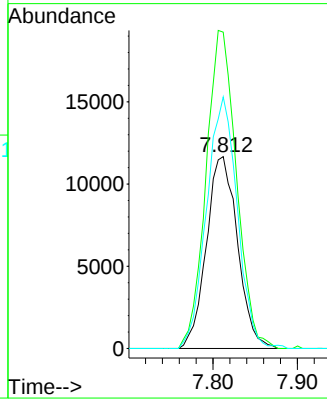
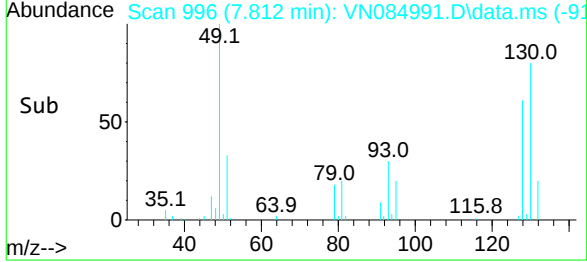
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)DL



Tgt Ion: 128 Resp: 29935
Ion Ratio Lower Upper
128 100
49 162.0 0.0 427.0
130 128.9 0.0 322.2

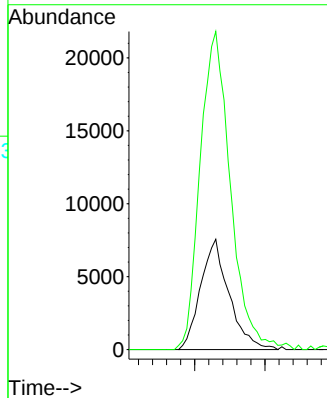
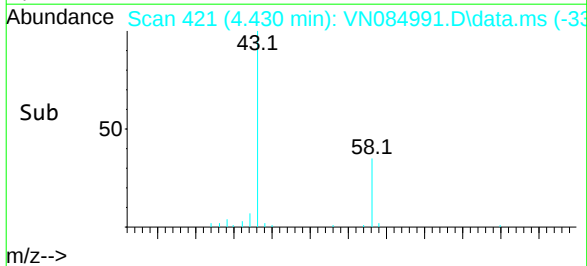
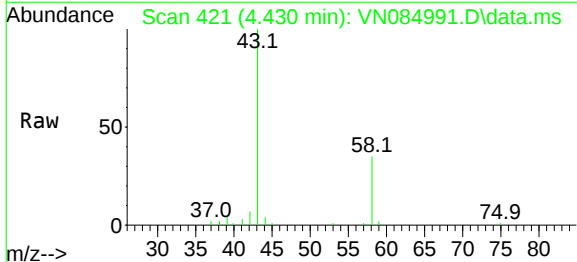
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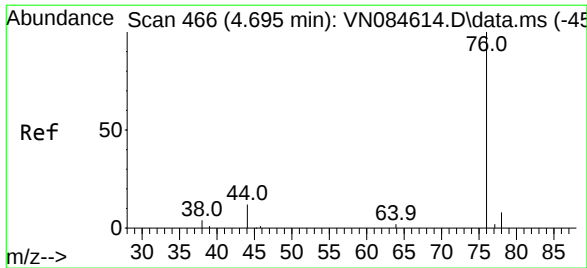
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#15
Acetone
Concen: 93.342 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

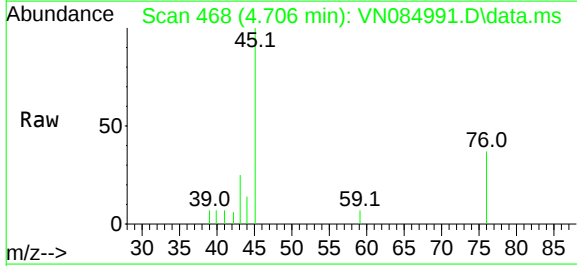
Tgt Ion: 58 Resp: 21336
Ion Ratio Lower Upper
58 100
43 284.5 233.0 349.6





#16
Carbon Disulfide
Concen: 1.228 ug/l m
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

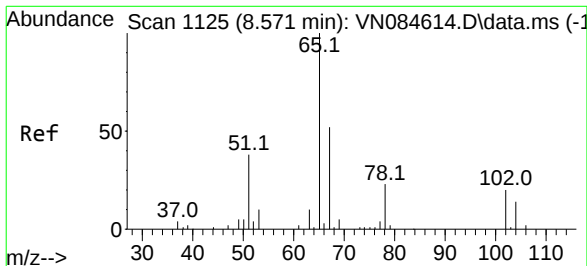
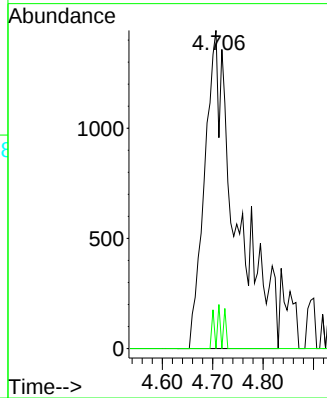
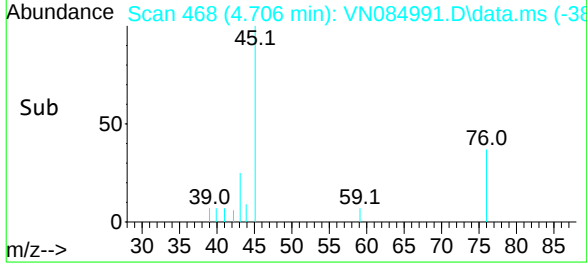
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(NOV)DL



Tgt Ion: 76 Resp: 6302
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

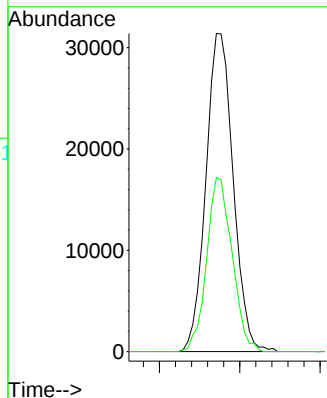
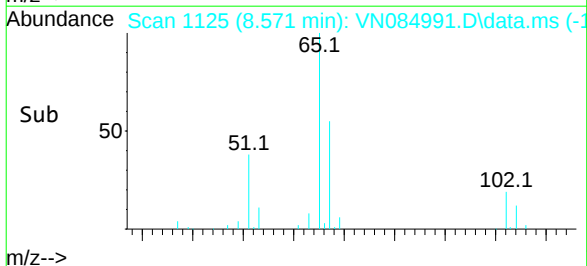
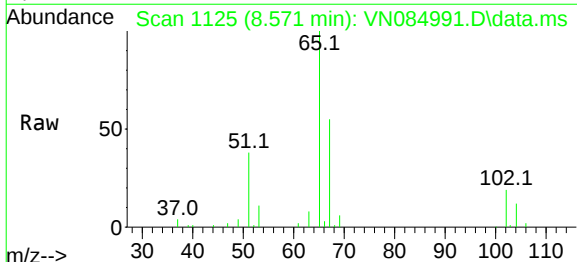
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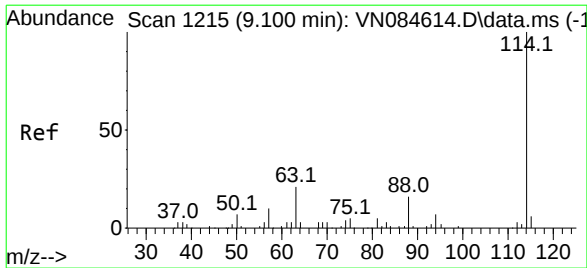
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#27
1,2-Dichloroethane-d4
Concen: 30.775 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

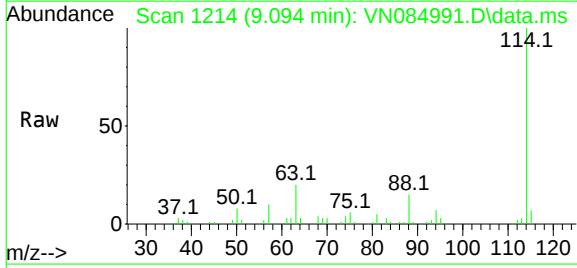
Tgt Ion: 65 Resp: 74063
Ion Ratio Lower Upper
65 100
67 51.1 40.7 61.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

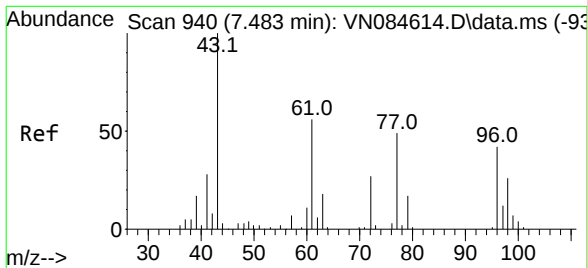
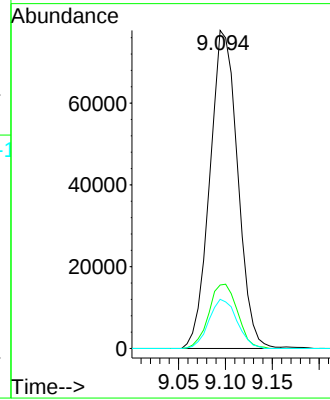
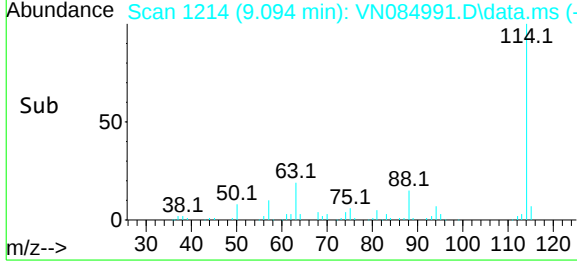
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)DL



Tgt Ion: 114 Resp: 160655
Ion Ratio Lower Upper
114 100
63 20.8 16.8 25.2
88 15.6 12.9 19.3

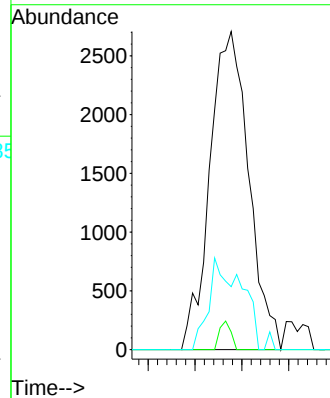
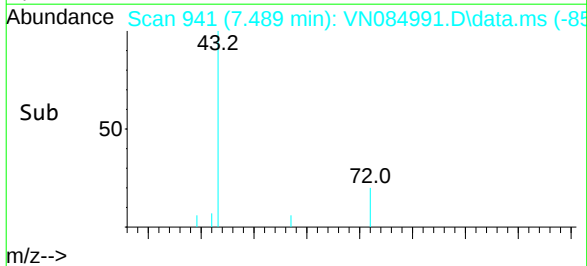
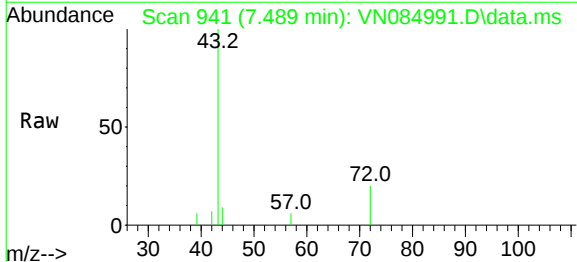
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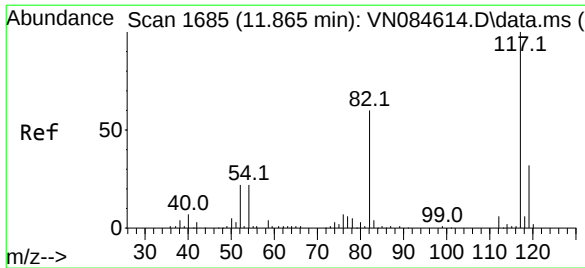
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
2-Butanone
Concen: 6.981 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

Tgt Ion: 43 Resp: 7792
Ion Ratio Lower Upper
43 100
57 2.6 6.2 9.4#
72 14.8 21.5 32.3#





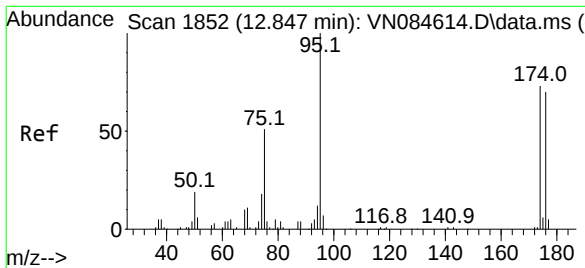
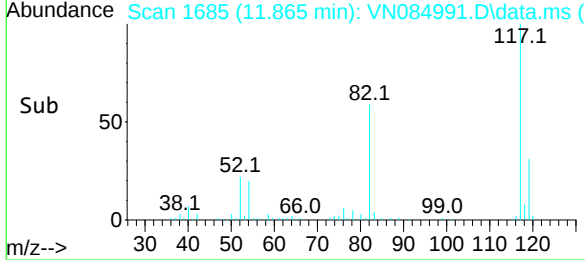
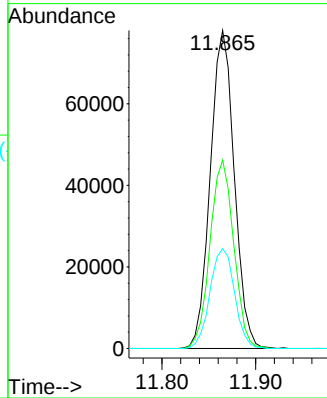
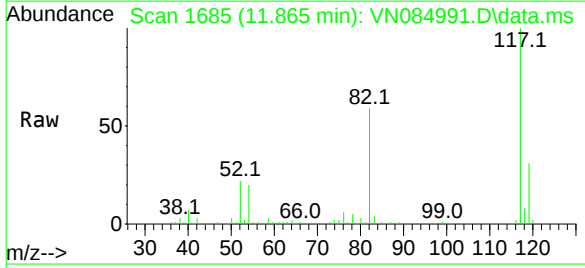
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(NOV)DL

Tgt Ion:117 Resp: 138636
Ion Ratio Lower Upper
117 100
82 58.7 45.5 68.3
119 32.2 25.3 37.9

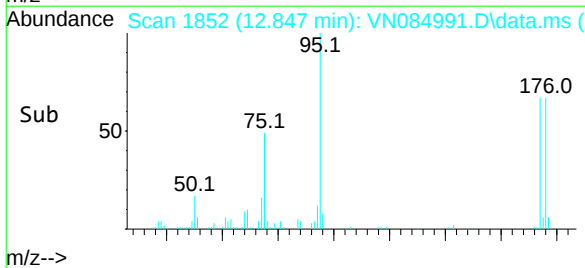
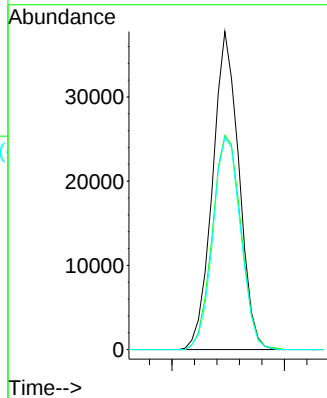
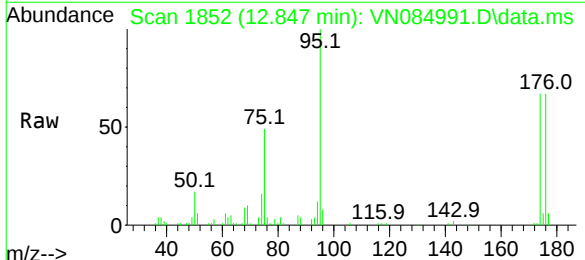
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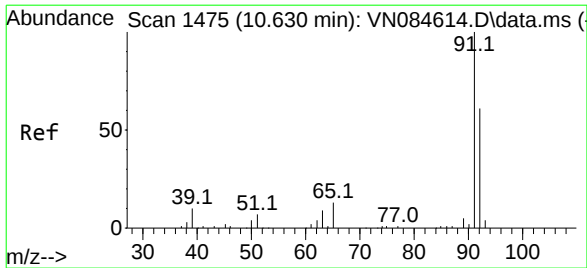
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
4-Bromofluorobenzene
Concen: 25.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

Tgt Ion: 95 Resp: 61511
Ion Ratio Lower Upper
95 100
174 73.2 59.6 89.4
176 70.4 58.6 88.0





#62

Toluene

Concen: 34.723 ug/l

RT: 10.630 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084991.D

Acq: 21 Nov 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(NOV)DL

Tgt Ion: 91 Resp: 274179

Ion Ratio Lower Upper

91 100

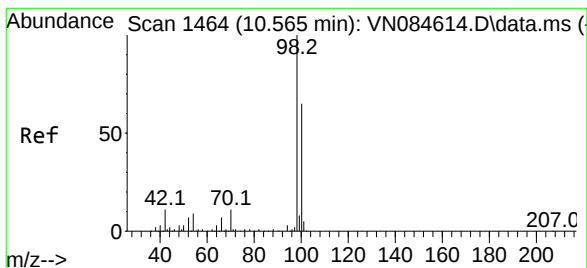
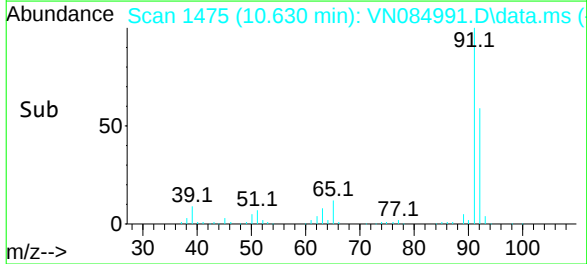
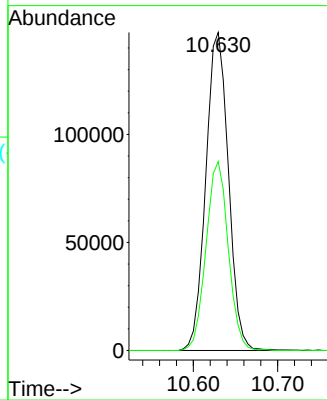
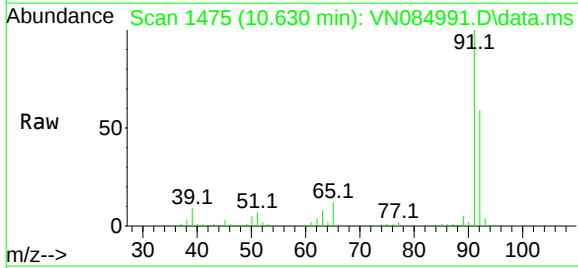
92 58.4 47.5 71.3

Manual Integrations

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Supervised By :Mahesh Dadoda 11/22/2024



#63

Toluene-d8

Concen: 28.376 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084991.D

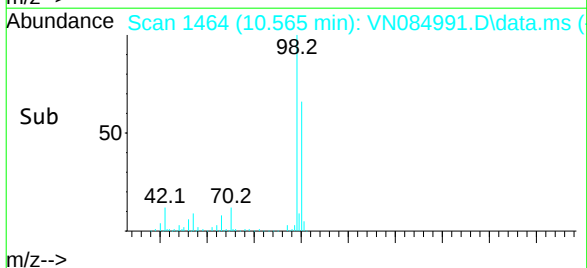
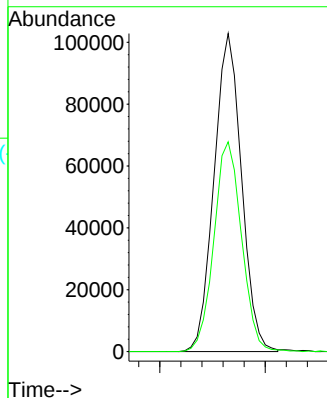
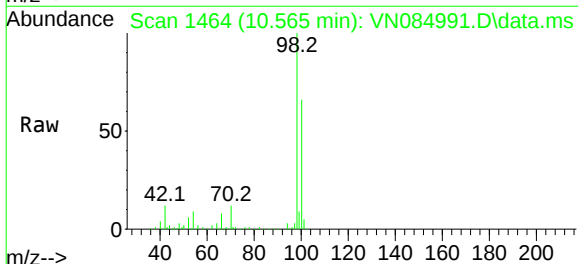
Acq: 21 Nov 2024 12:18

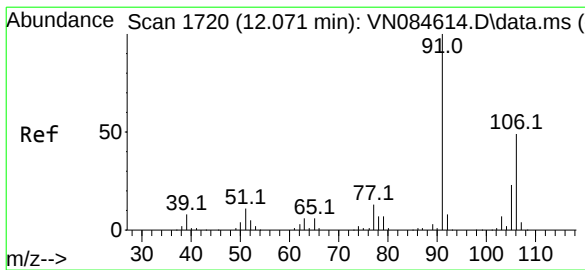
Tgt Ion: 98 Resp: 186234

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2





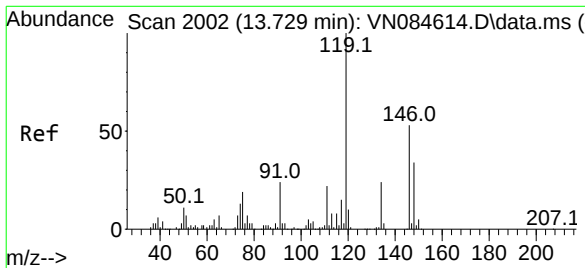
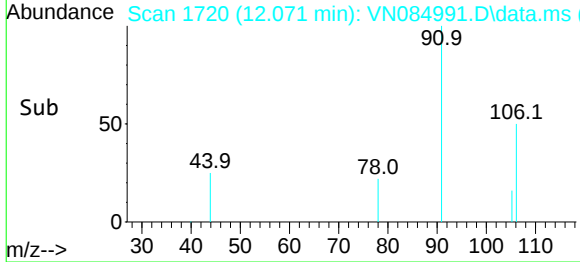
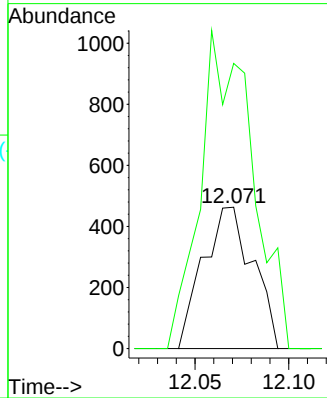
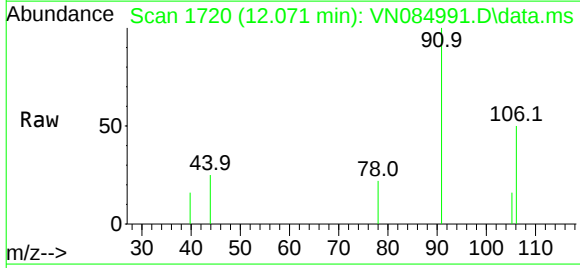
#67
m/p-Xylenes
Concen: 0.269 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

Instrument :
MSVOA_N
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Tgt Ion:106 Resp: 855
Ion Ratio Lower Upper
106 100
91 120.4 168.1 252.1#

Manual Integrations
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Supervised By :Mahesh Dadoda 11/22/2024



#82
p-Isopropyltoluene
Concen: 0.608 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084991.D
Acq: 21 Nov 2024 12:18

Tgt Ion:119 Resp: 3786
Ion Ratio Lower Upper
119 100
134 19.5 0.0 51.4
91 25.1 0.0 50.4

