

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083538.D
 Acq On : 28 Aug 2024 16:07
 Operator : JC\MD
 Sample : P3759-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 28 17:13:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	29552	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	171910	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	150813	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82198	30.946	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.167%			
60) 4-Bromofluorobenzene	12.847	95	77660	29.086	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.967%			
63) Toluene-d8	10.565	98	205599	29.530	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.433%			
Target Compounds						
15) Acetone	4.430	58	57665	197.379	ug/l	75
16) Carbon Disulfide	4.695	76	11248	2.253	ug/l #	90
25) Chloroform	7.971	83	960m	0.241	ug/l	
30) 2-Butanone	7.488	43	16389	11.845	ug/l	93
58) 4-Methyl-2-Pentanone	10.447	43	4534	1.695	ug/l #	81
62) Toluene	10.629	91	391227	44.846	ug/l	100
67) m/p-Xylenes	12.065	106	962	0.264	ug/l #	31
80) 1,2,4-Trimethylbenzene	13.482	105	1962	0.244	ug/l	80
82) p-Isopropyltoluene	13.729	119	19580	2.429	ug/l	98

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

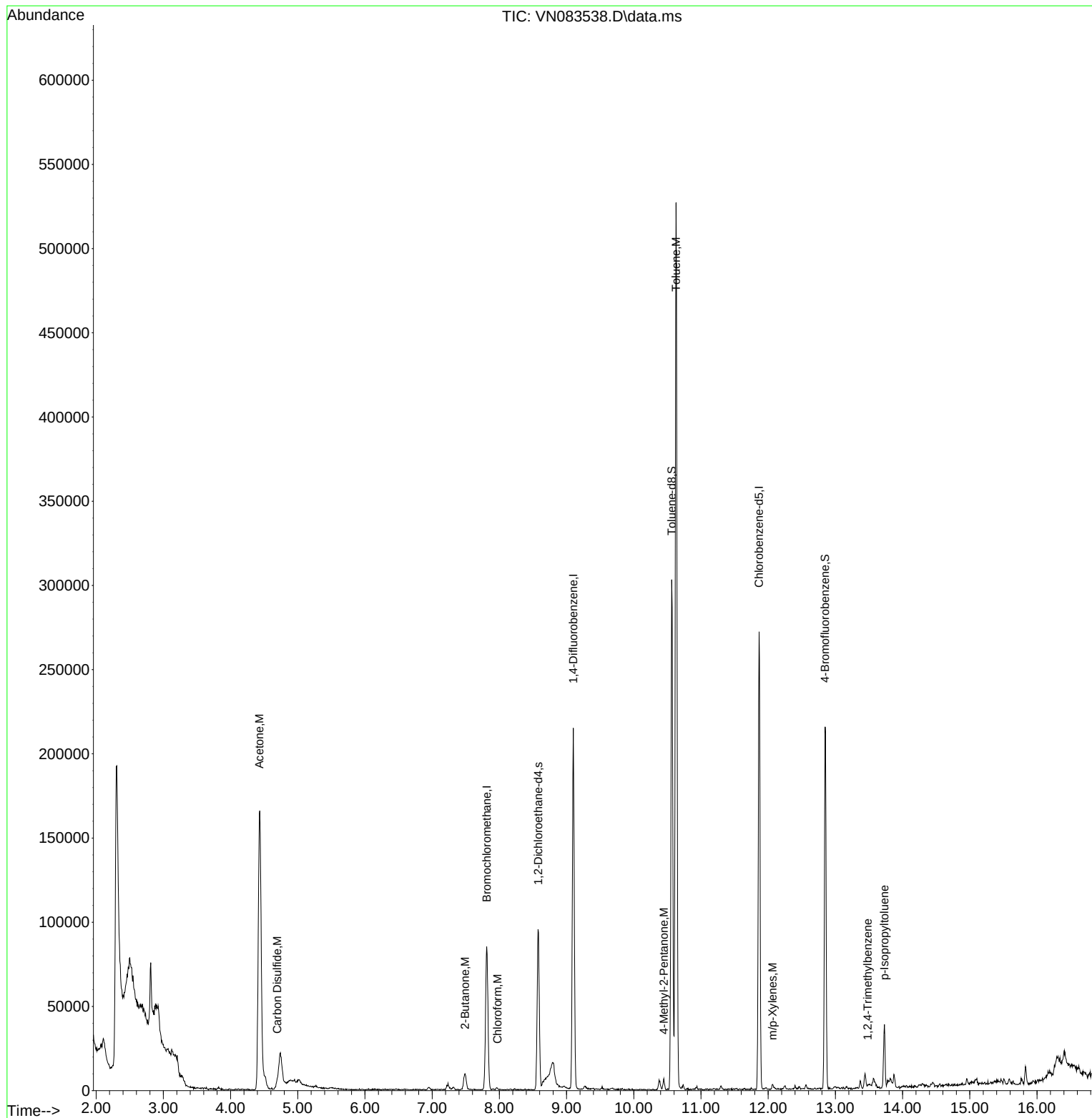
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
Data File : VN083538.D
Acq On : 28 Aug 2024 16:07
Operator : JC\MD
Sample : P3759-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

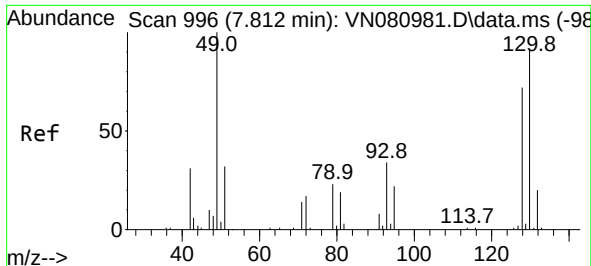
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

Quant Time: Aug 28 17:13:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 28 12:23:16 2024
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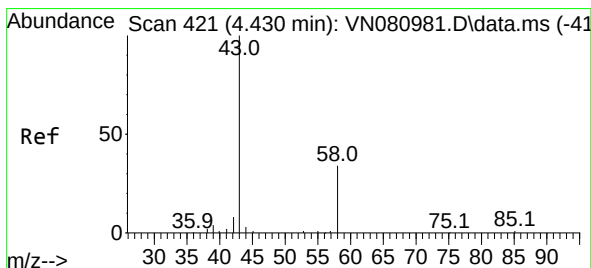
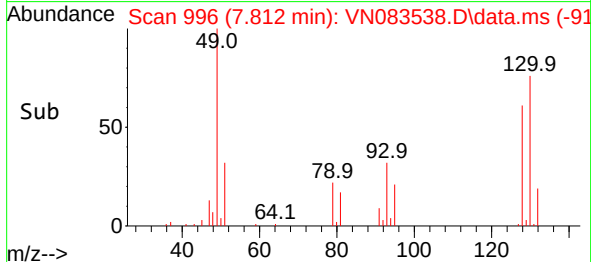
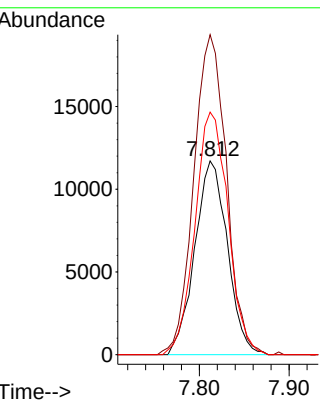
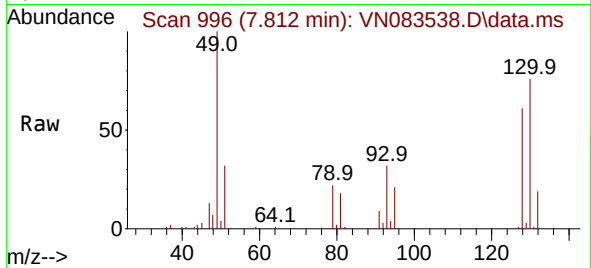
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

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

Tgt Ion:128 Resp: 2955
Ion Ratio Lower Upper
128 100
49 165.4 0.0 403.7
130 127.3 0.0 323.3

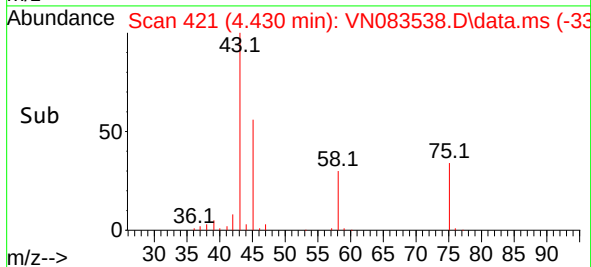
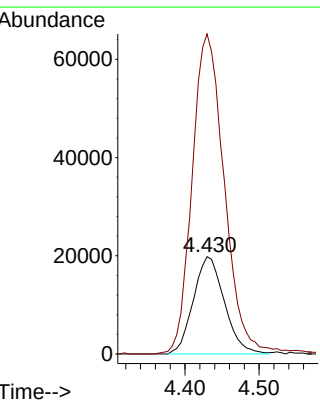
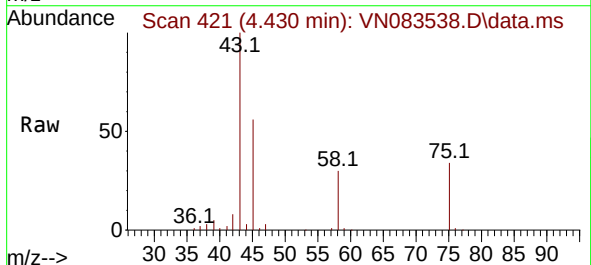
Manual Integrations
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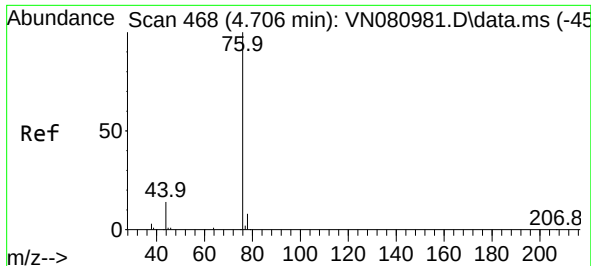
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#15
Acetone
Concen: 197.379 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

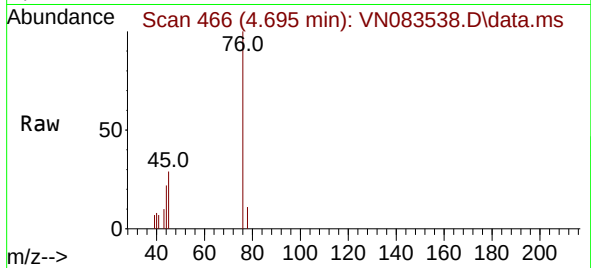
Tgt Ion: 58 Resp: 57665
Ion Ratio Lower Upper
58 100
43 326.2 223.1 334.7





#16
Carbon Disulfide
Concen: 2.253 ug/l
RT: 4.695 min Scan# 406
Delta R.T. -0.012 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

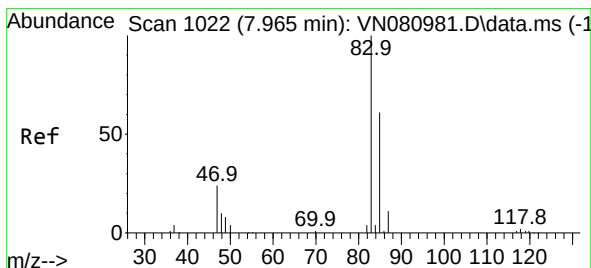
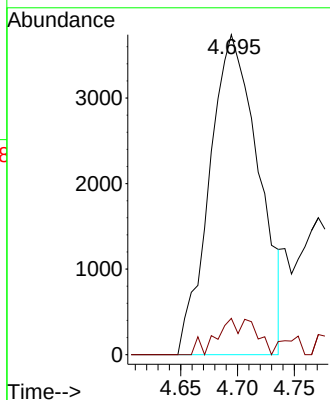
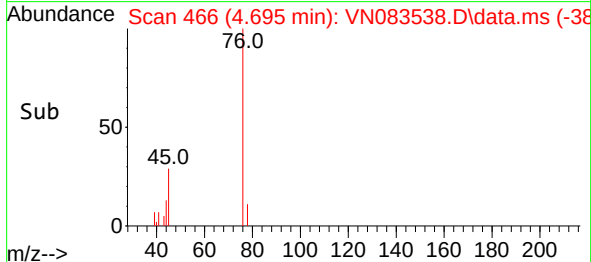
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



Tgt Ion: 76 Resp: 11248
Ion Ratio Lower Upper
76 100
78 11.3 6.3 9.5

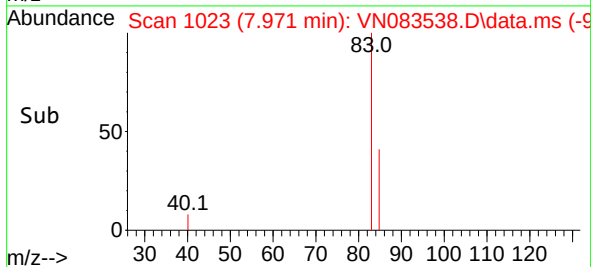
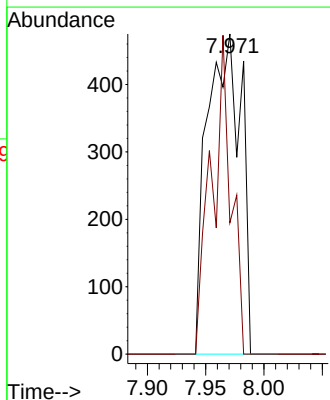
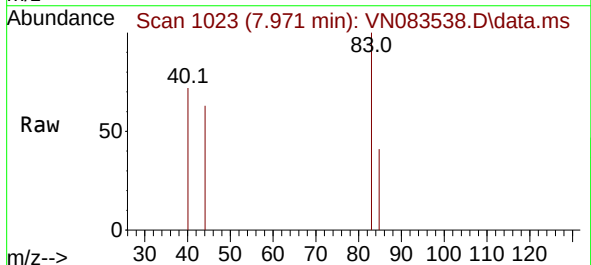
Manual Integrations
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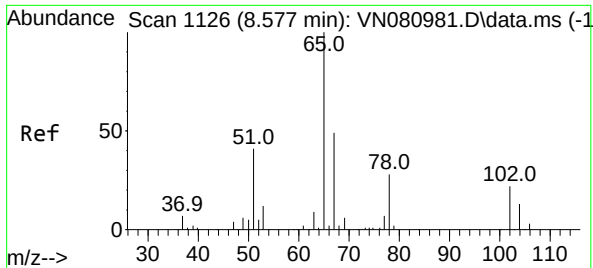
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#25
Chloroform
Concen: 0.241 ug/l m
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

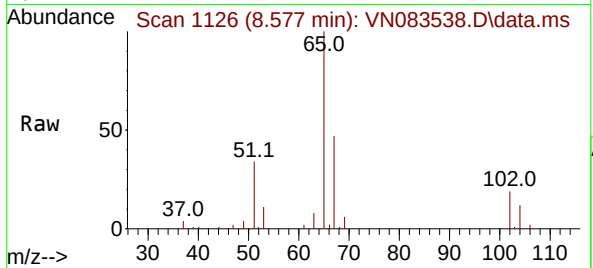
Tgt Ion: 83 Resp: 960
Ion Ratio Lower Upper
83 100
85 41.1 50.9 76.3#





#27
1,2-Dichloroethane-d4
Concen: 30.946 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

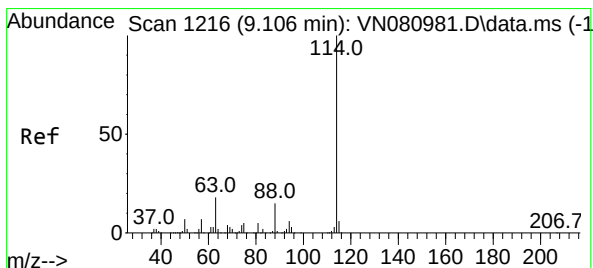
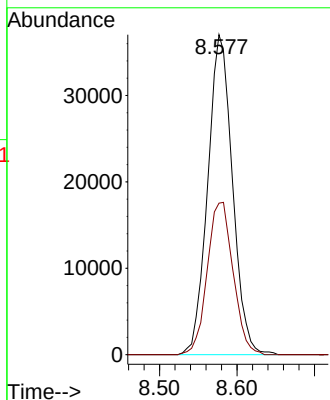
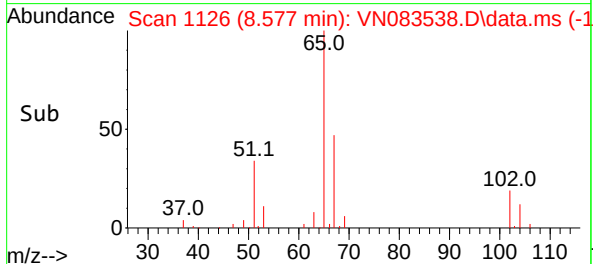
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



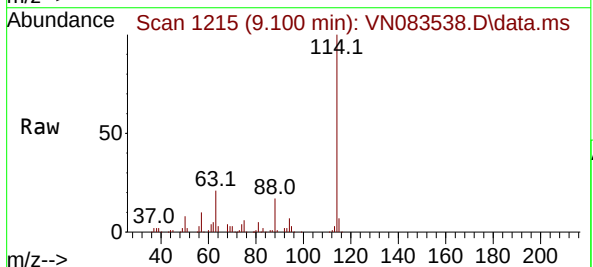
Tgt Ion: 65 Resp: 82198
Ion Ratio Lower Upper
65 100
67 49.8 43.2 64.8

Manual Integrations
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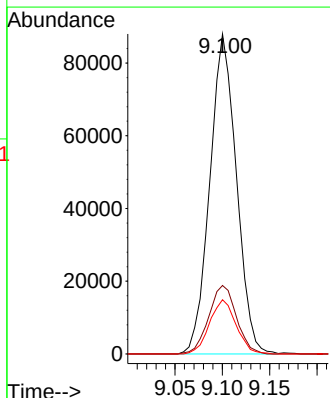
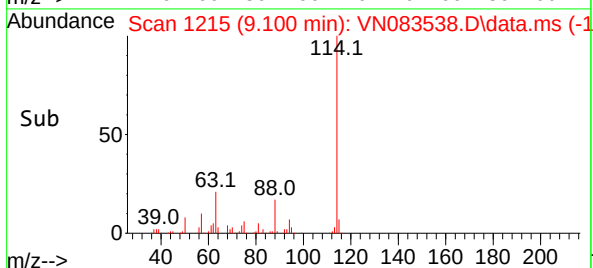
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

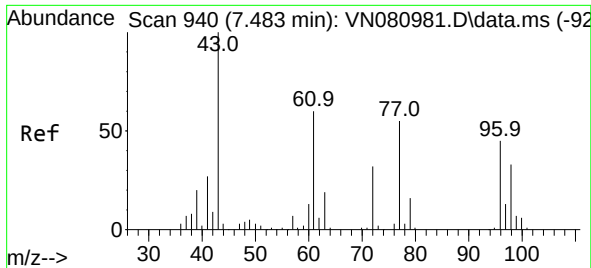


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07



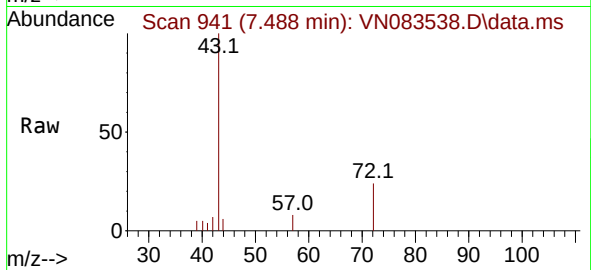
Tgt Ion: 114 Resp: 171910
Ion Ratio Lower Upper
114 100
63 22.2 15.9 23.9
88 16.9 12.7 19.1





#30
2-Butanone
Concen: 11.845 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

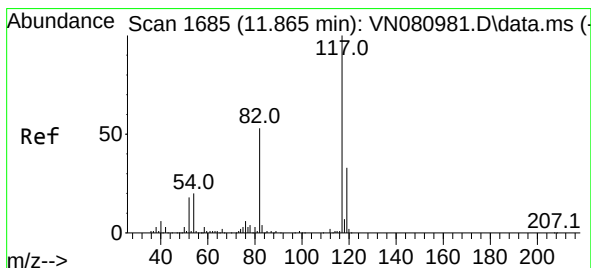
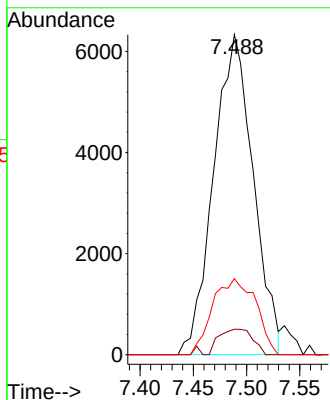
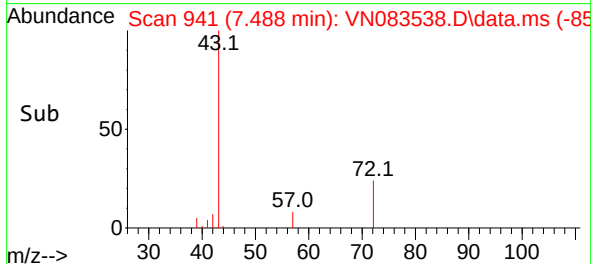
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



Tgt Ion: 43 Resp: 16389
Ion Ratio Lower Upper
43 100
57 6.8 6.7 10.1
72 25.9 24.0 36.0

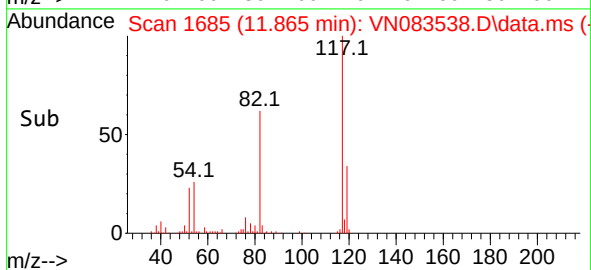
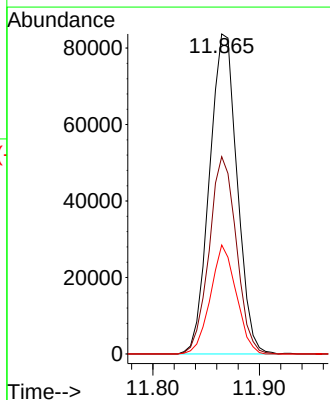
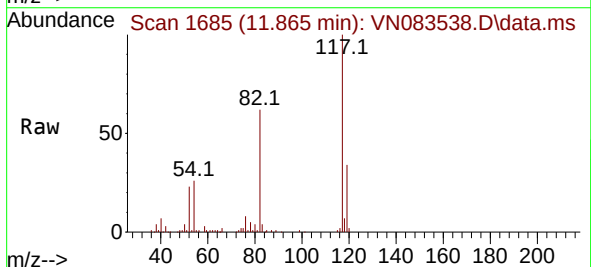
Manual Integrations
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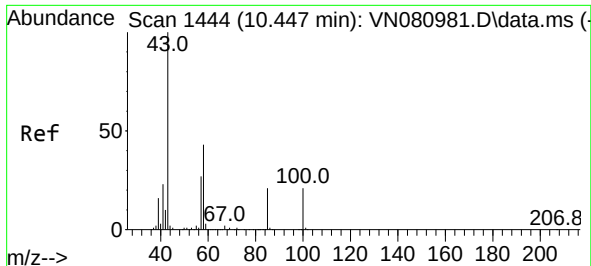
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

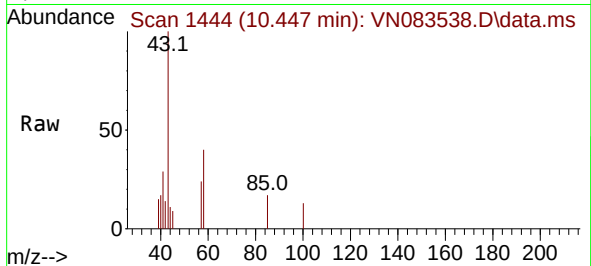
Tgt Ion:117 Resp: 150813
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 31.8 25.4 38.2





#58
4-Methyl-2-Pentanone
Concen: 1.695 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

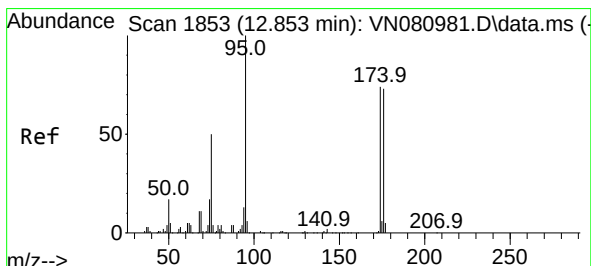
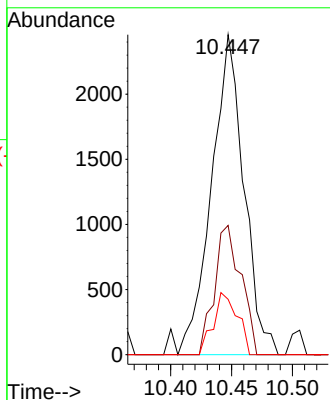
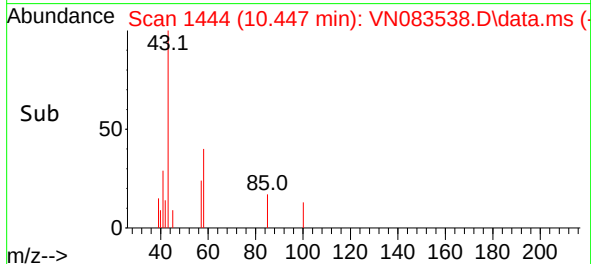
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(AUG)



Tgt Ion: 43 Resp: 4534
Ion Ratio Lower Upper
43 100
58 33.0 36.5 54.7
85 14.4 19.5 29.3

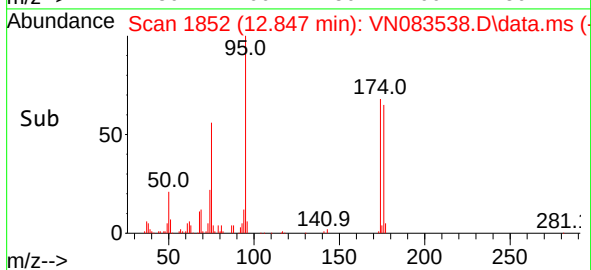
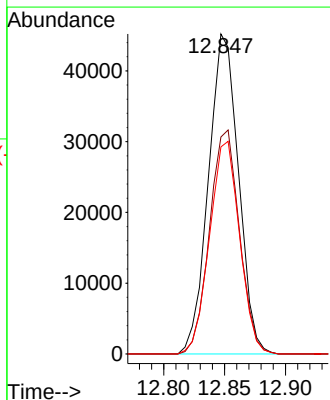
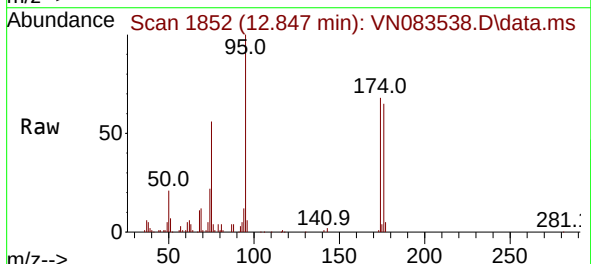
Manual Integrations
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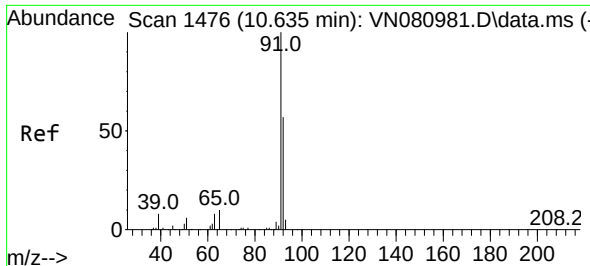
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 29.086 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

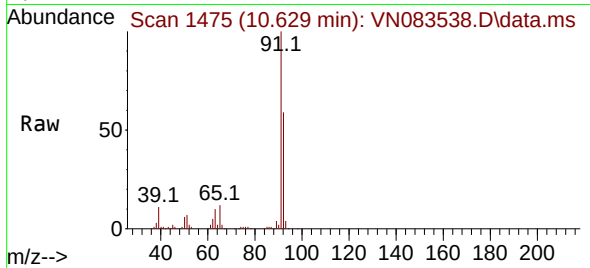
Tgt Ion: 95 Resp: 77660
Ion Ratio Lower Upper
95 100
174 69.7 60.5 90.7
176 66.4 57.8 86.6





#62
Toluene
Concen: 44.846 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

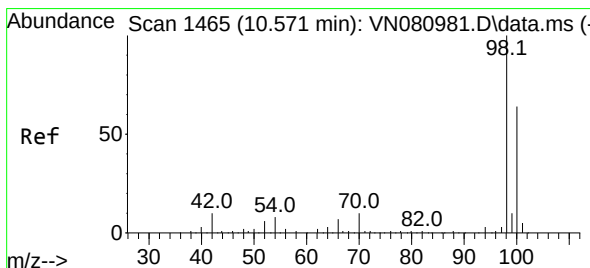
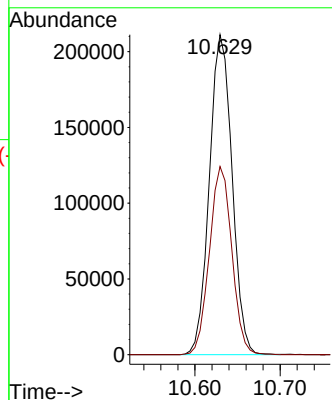
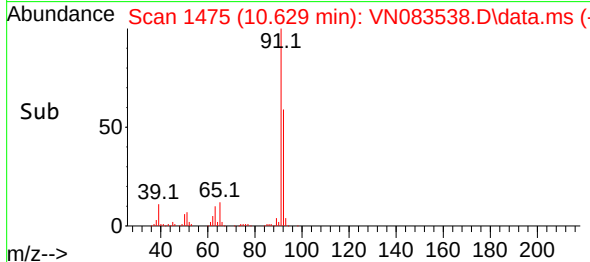
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



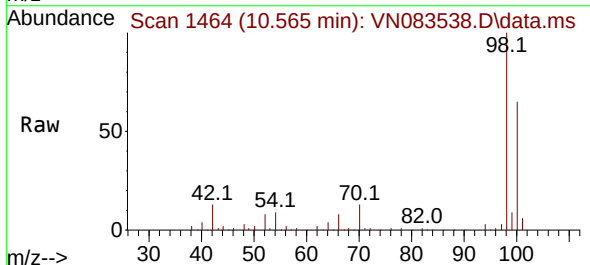
Tgt Ion: 91 Resp: 391227
Ion Ratio Lower Upper
91 100
92 58.0 46.5 69.7

Manual Integrations
APPROVED

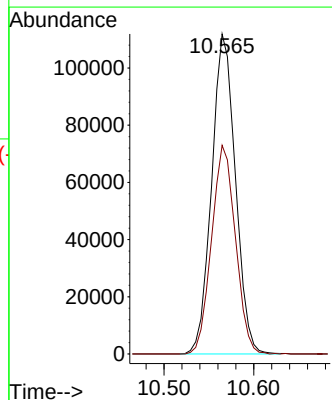
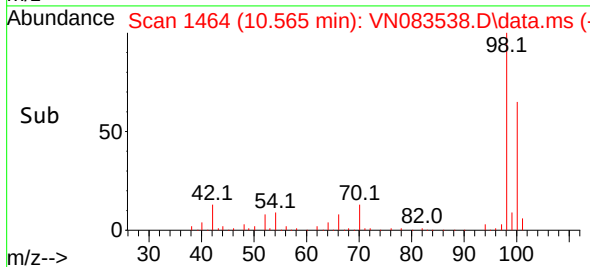
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

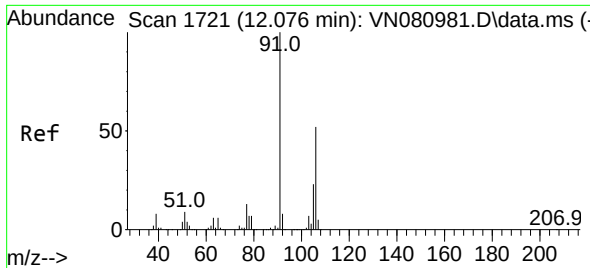


#63
Toluene-d8
Concen: 29.530 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07



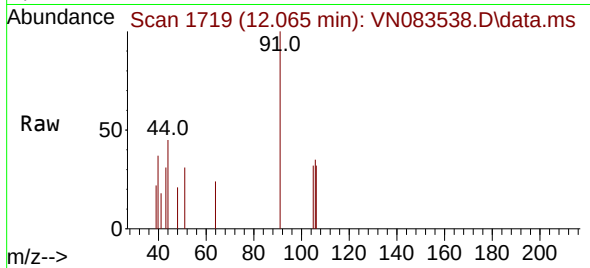
Tgt Ion: 98 Resp: 205599
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





#67
m/p-Xylenes
Concen: 0.264 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.012 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07

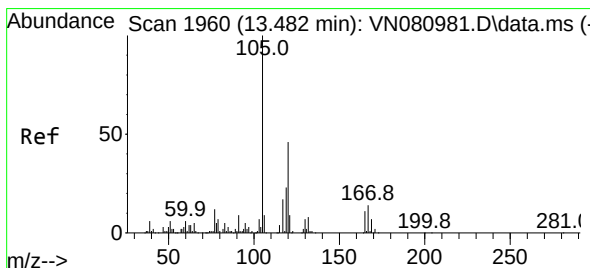
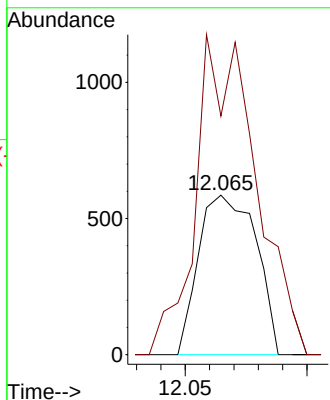
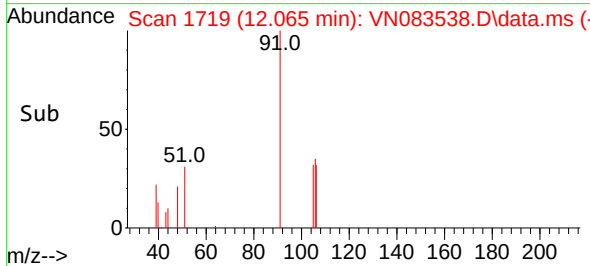
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)



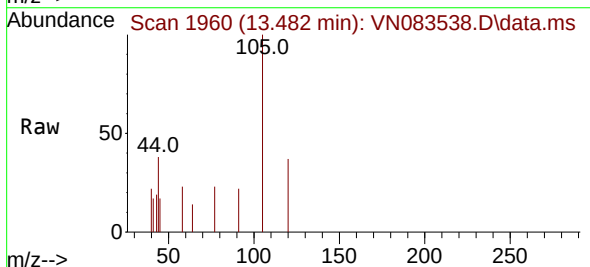
Tgt Ion:106 Resp: 962
Ion Ratio Lower Upper
106 100
91 100.3 166.6 249.8

Manual Integrations
APPROVED

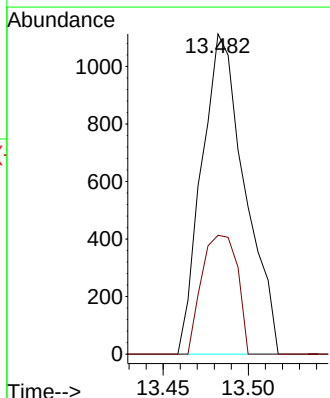
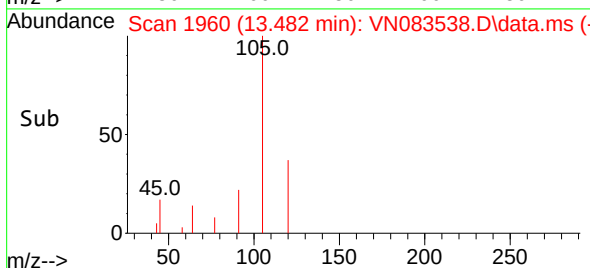
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

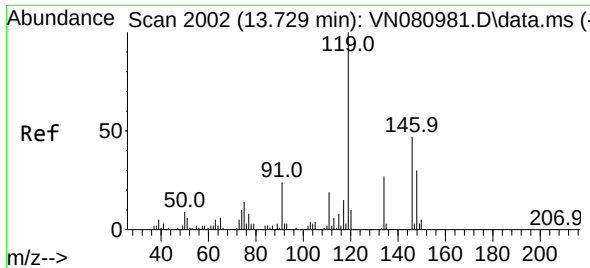


#80
1,2,4-Trimethylbenzene
Concen: 0.244 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083538.D
Acq: 28 Aug 2024 16:07



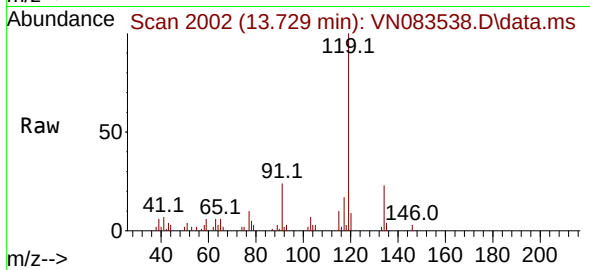
Tgt Ion:105 Resp: 1962
Ion Ratio Lower Upper
105 100
120 30.6 0.0 86.8





#82
 p-Isopropyltoluene
 Concen: 2.429 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083538.D
 Acq: 28 Aug 2024 16:07

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



Tgt Ion:	119	Resp:	19580
Ion Ratio	Lower	Upper	
119	100		
134	24.8	0.0	49.2
91	26.4	0.0	48.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

