

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078381.D
 Acq On : 23 Jun 2023 16:27
 Operator : JC\MD
 Sample : 03395-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 24 01:22:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

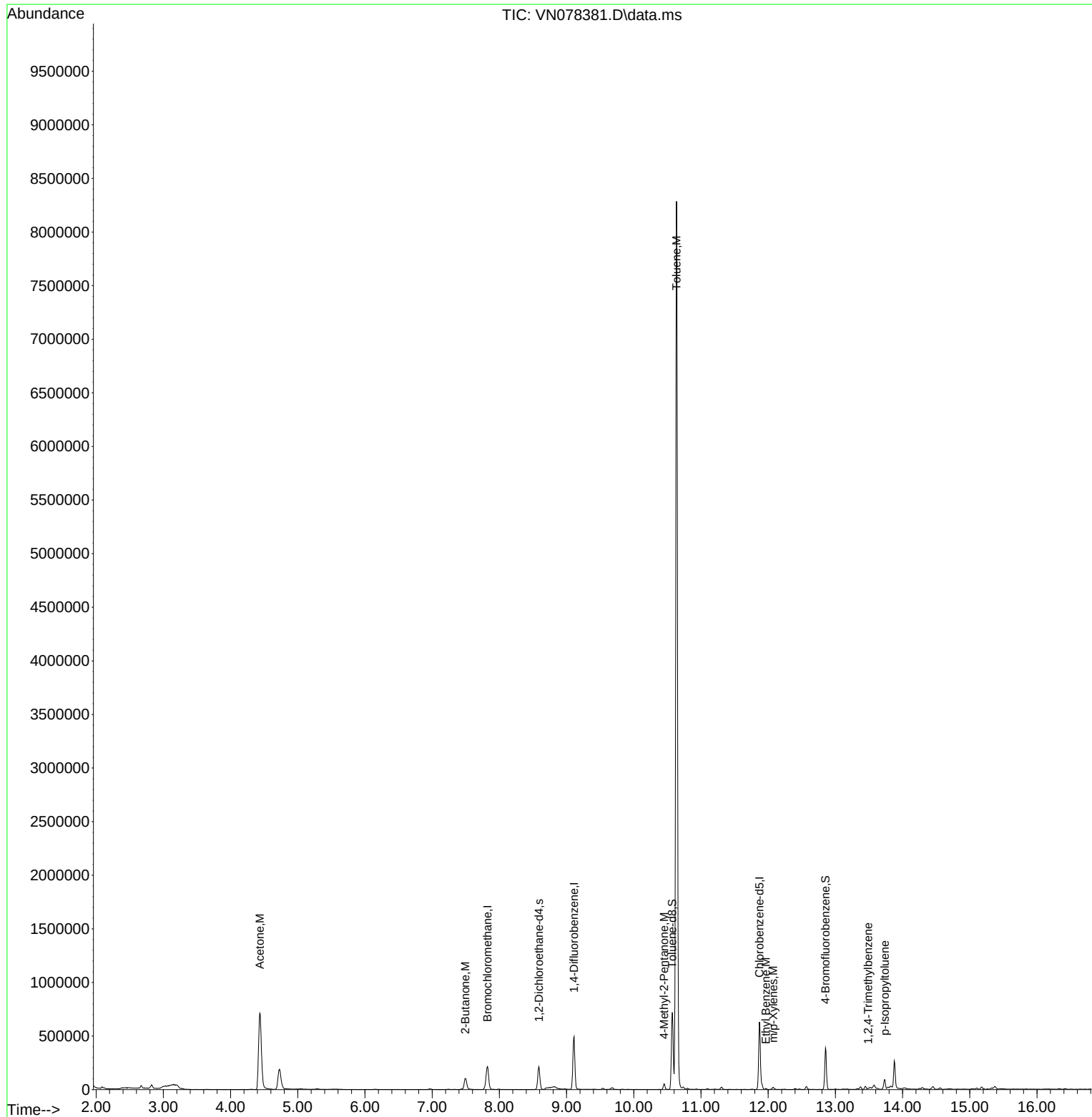
Internal Standards						
1) Bromochloromethane	7.824	128	79749	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	432053	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	370375	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	173825	28.945	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.467%
60) 4-Bromofluorobenzene	12.853	95	135050	25.881	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.267%
63) Toluene-d8	10.570	98	526444	29.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	433587	804.904	ug/l	92
30) 2-Butanone	7.494	43	165850	70.647	ug/l #	84
58) 4-Methyl-2-Pentanone	10.453	43	34048	6.884	ug/l	98
62) Toluene	10.635	91	6457949	299.598	ug/l	100
66) Ethyl Benzene	11.965	91	6053	0.276	ug/l	96
67) m/p-Xylenes	12.076	106	4978	0.600	ug/l	88
80) 1,2,4-Trimethylbenzene	13.488	105	5420	0.350	ug/l	92
82) p-Isopropyltoluene	13.735	119	46358	3.427	ug/l	96

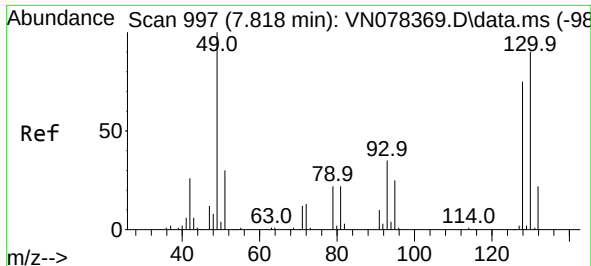
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 24 00:59:50 2023
Response via : Initial Calibration

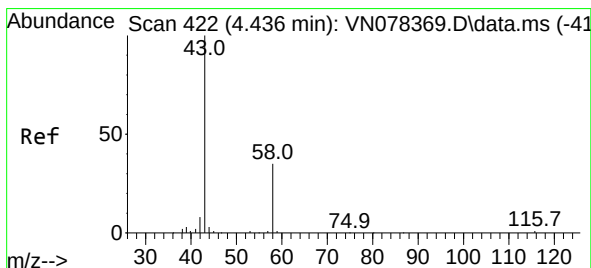
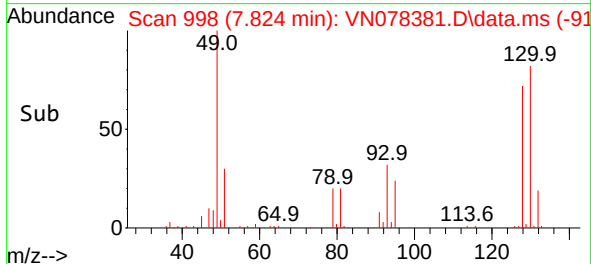
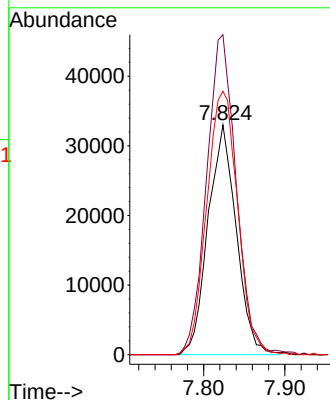
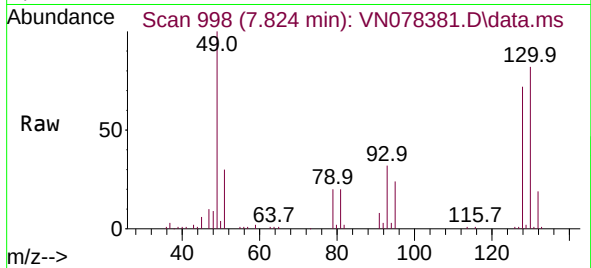




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

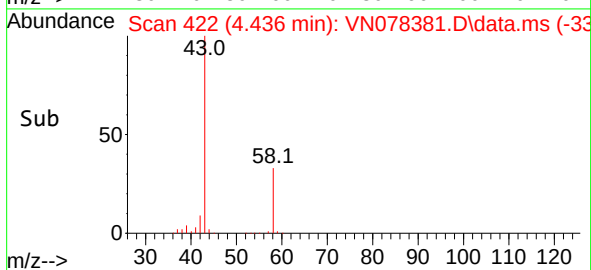
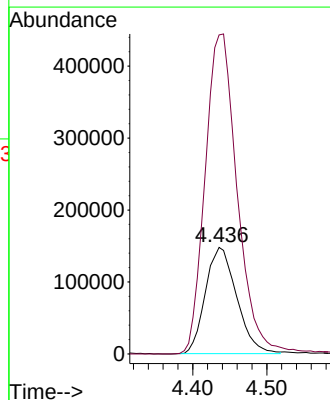
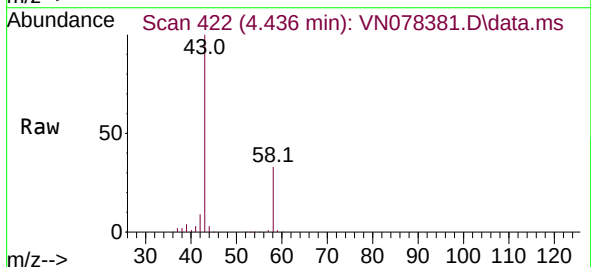
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

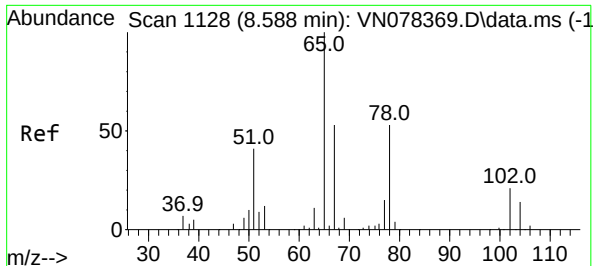
Tgt Ion:128 Resp: 79749
Ion Ratio Lower Upper
128 100
49 145.2 0.0 370.8
130 126.1 0.0 307.0



#15
Acetone
Concen: 804.904 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Tgt Ion: 58 Resp: 433587
Ion Ratio Lower Upper
58 100
43 299.7 227.5 341.3





#27

1,2-Dichloroethane-d4

Concen: 28.945 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN078381.D

Acq: 23 Jun 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

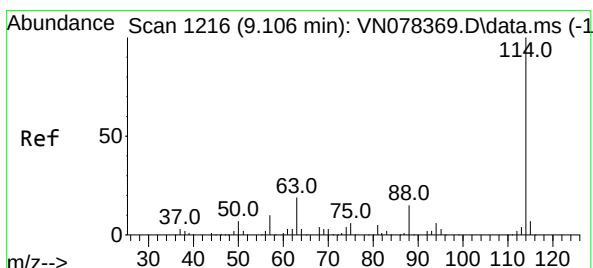
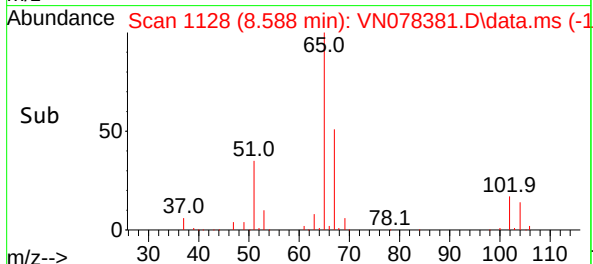
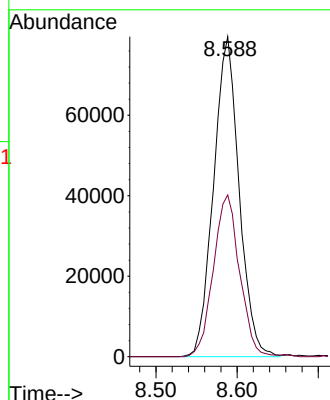
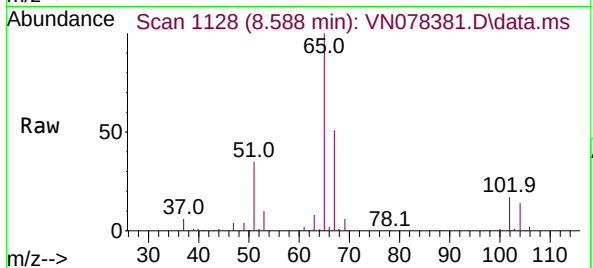
001-WILLETS-PT-BLVD(JUNE)

Tgt Ion: 65 Resp: 173825

Ion Ratio Lower Upper

65 100

67 51.8 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078381.D

Acq: 23 Jun 2023 16:27

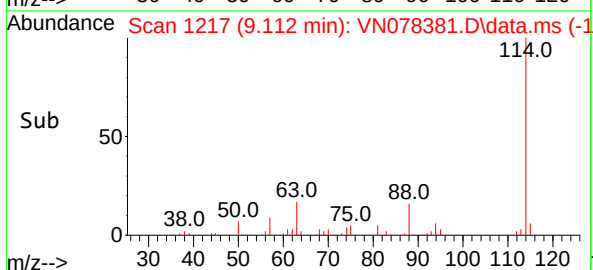
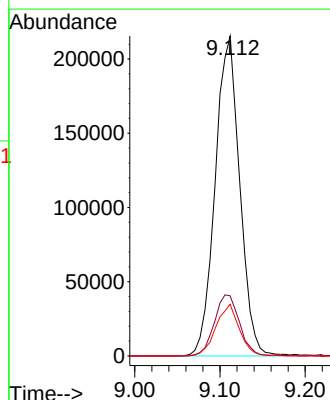
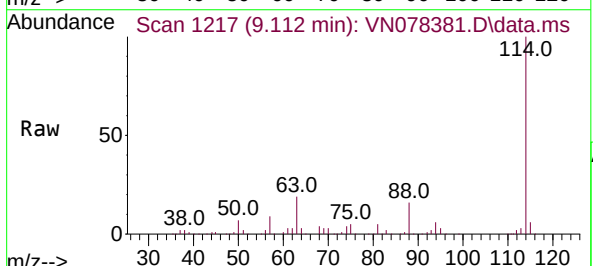
Tgt Ion: 114 Resp: 432053

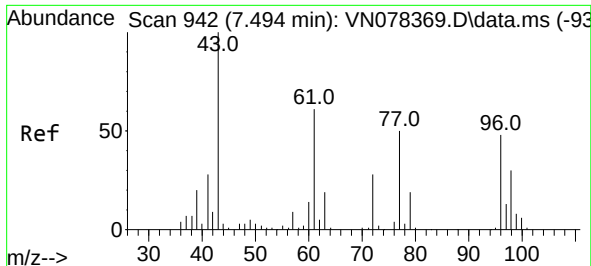
Ion Ratio Lower Upper

114 100

63 19.5 15.2 22.8

88 15.4 12.5 18.7

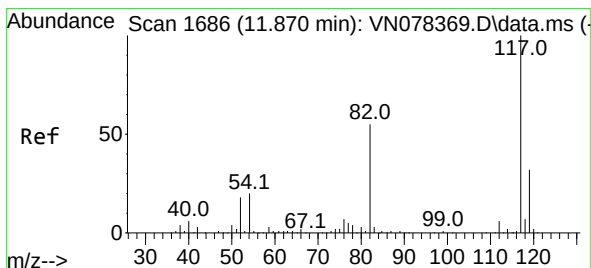
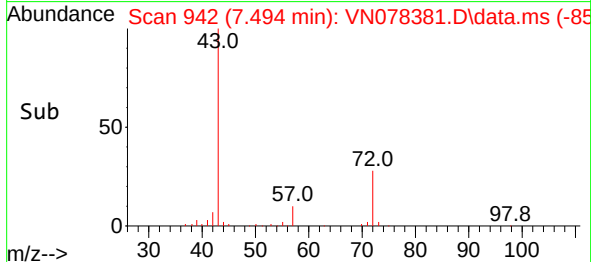
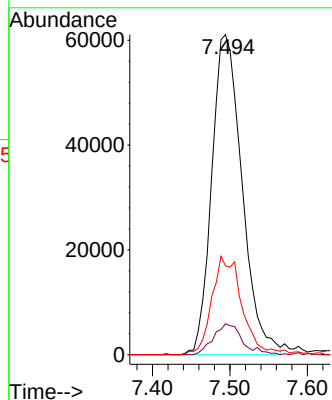
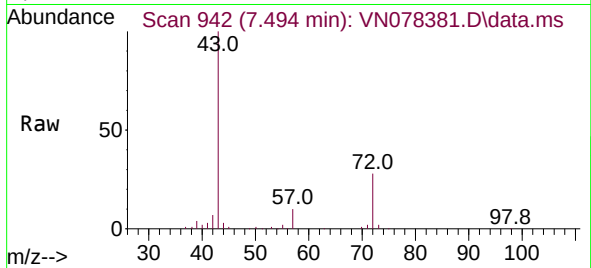




#30
2-Butanone
Concen: 70.647 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

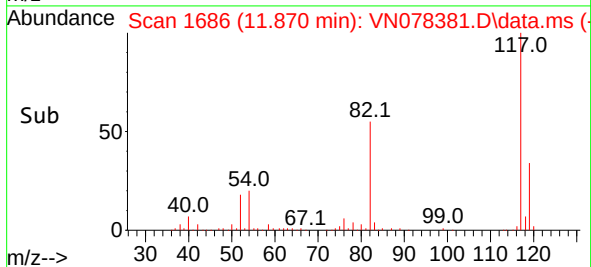
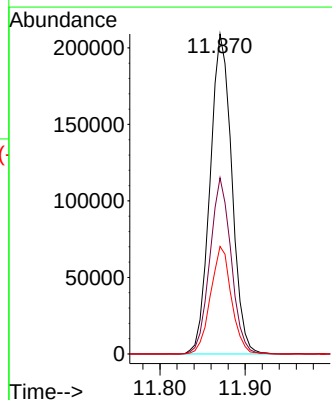
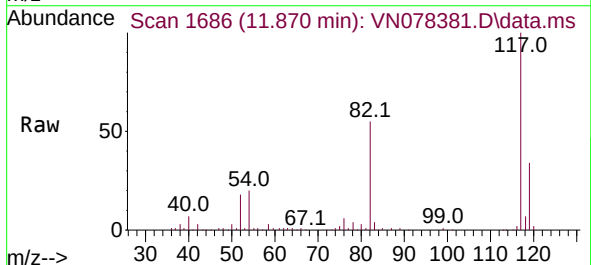
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

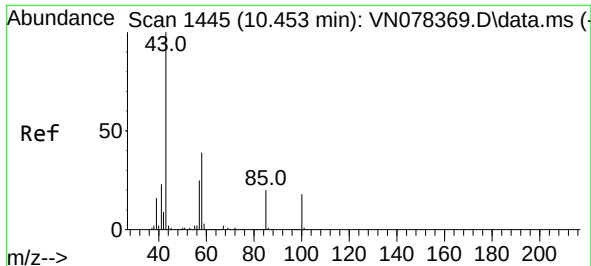
Tgt Ion: 43 Resp: 165850
Ion Ratio Lower Upper
43 100
57 8.5 6.8 10.2
72 18.9 23.8 35.6#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Tgt Ion: 117 Resp: 370375
Ion Ratio Lower Upper
117 100
82 53.8 43.9 65.9
119 32.3 26.2 39.4

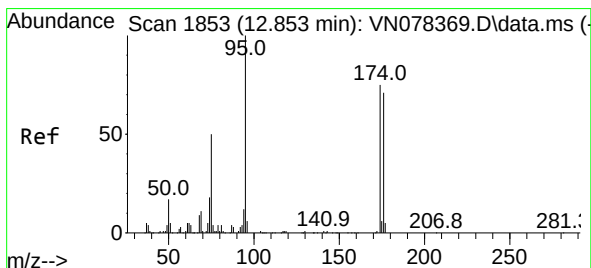
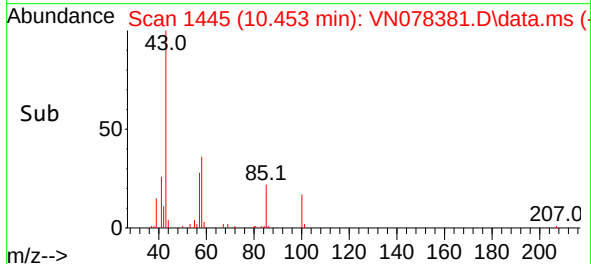
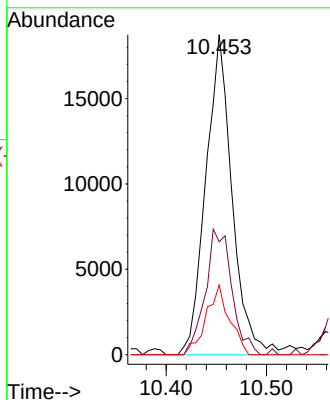
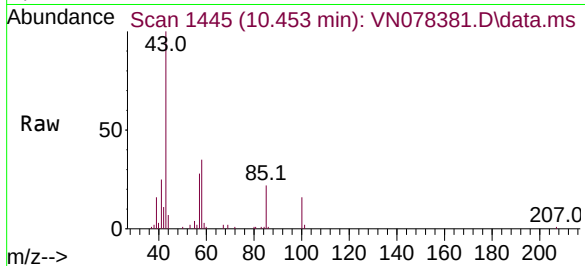




#58
4-Methyl-2-Pentanone
Concen: 6.884 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

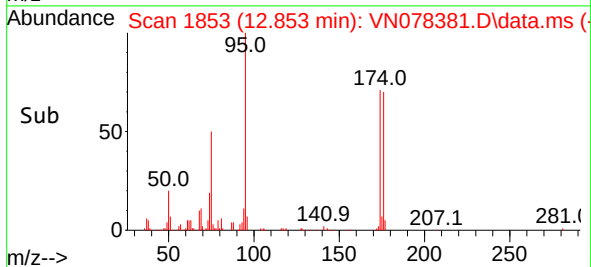
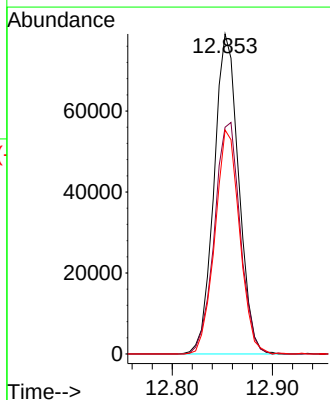
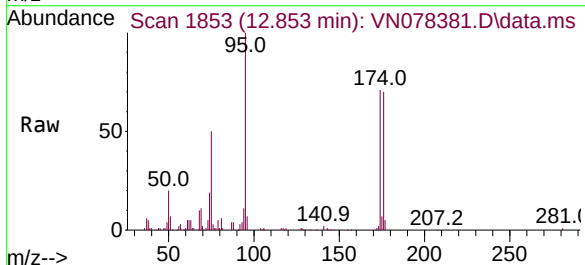
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

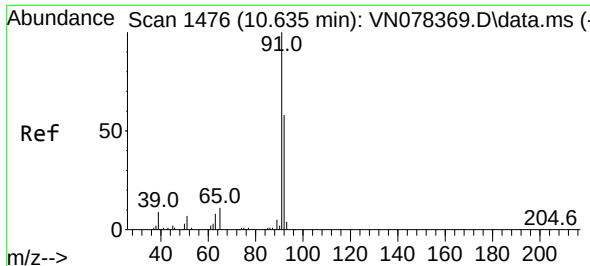
Tgt Ion:	43	Resp:	34048
Ion	Ratio	Lower	Upper
43	100		
58	39.3	32.6	48.8
85	19.5	16.2	24.2



#60
4-Bromofluorobenzene
Concen: 25.881 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Tgt Ion:	95	Resp:	135050
Ion	Ratio	Lower	Upper
95	100		
174	75.5	61.7	92.5
176	70.0	58.1	87.1

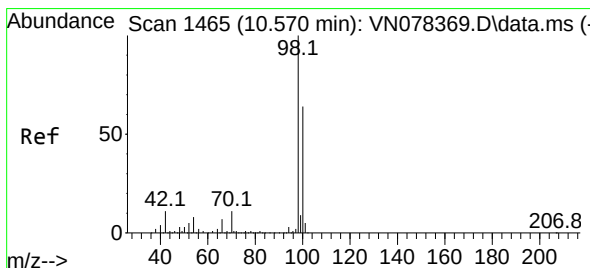
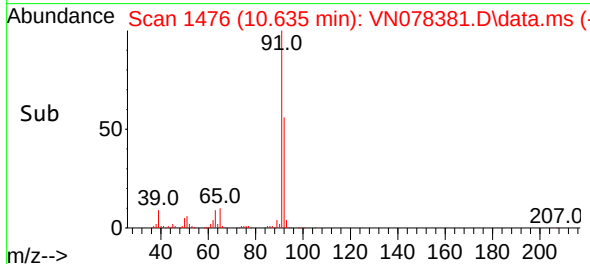
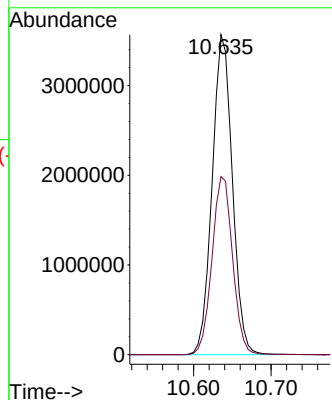
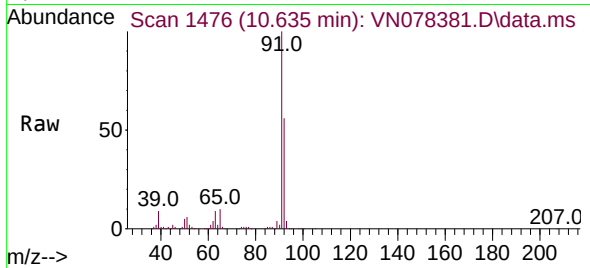




#62
Toluene
Concen: 299.598 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

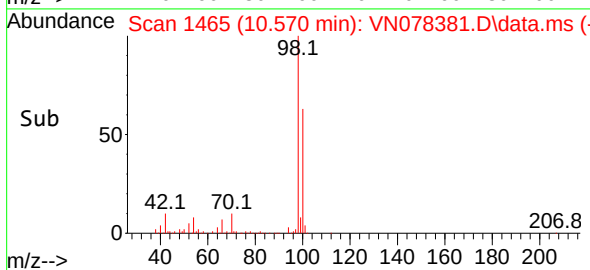
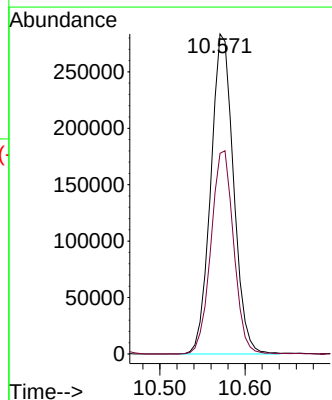
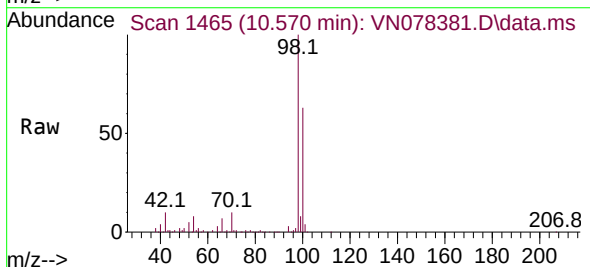
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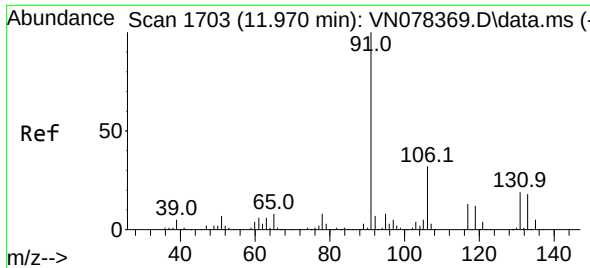
Tgt Ion: 91 Resp: 6457949
Ion Ratio Lower Upper
91 100
92 56.7 45.2 67.8



#63
Toluene-d8
Concen: 29.336 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Tgt Ion: 98 Resp: 526444
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5

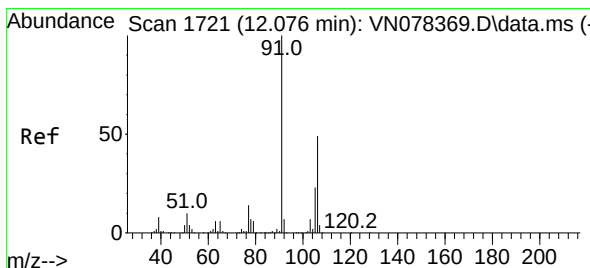
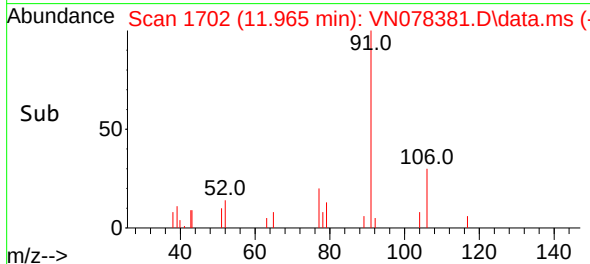
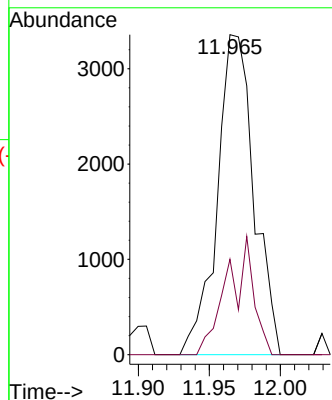
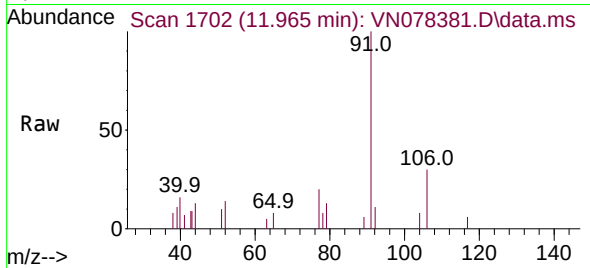




#66
Ethyl Benzene
Concen: 0.276 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

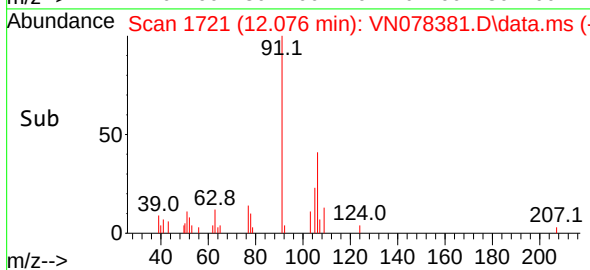
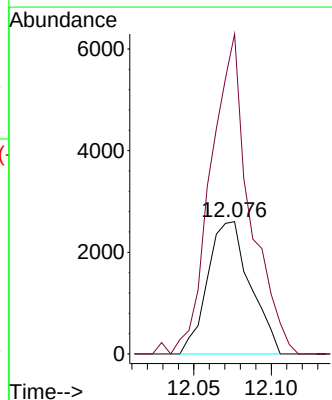
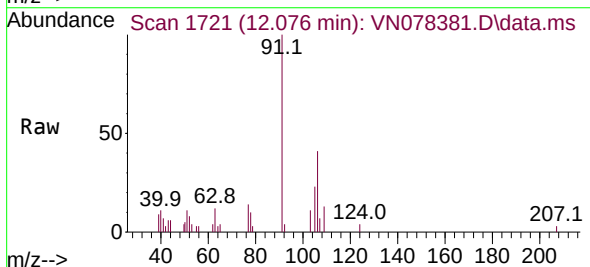
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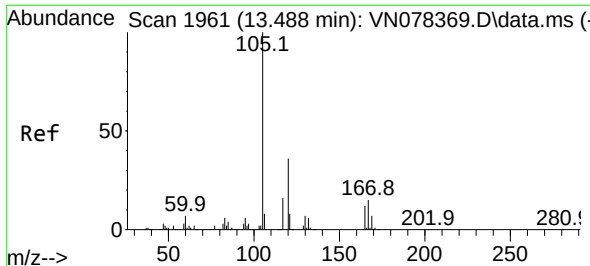
Tgt Ion: 91 Resp: 6053
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4



#67
m/p-Xylenes
Concen: 0.600 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Tgt Ion:106 Resp: 4978
Ion Ratio Lower Upper
106 100
91 221.3 162.5 243.7

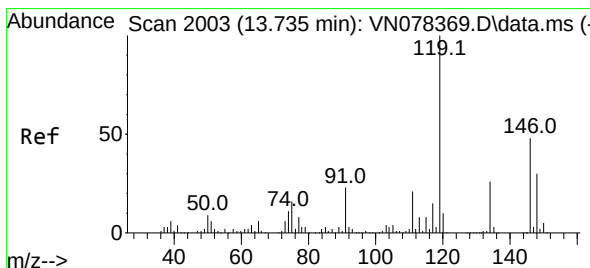
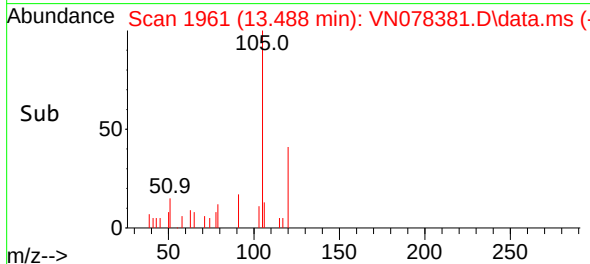
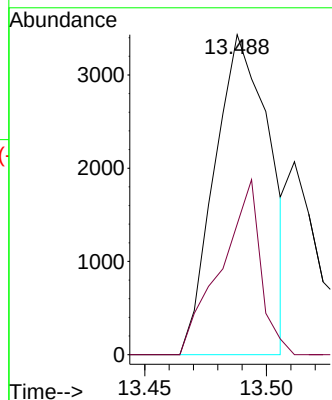
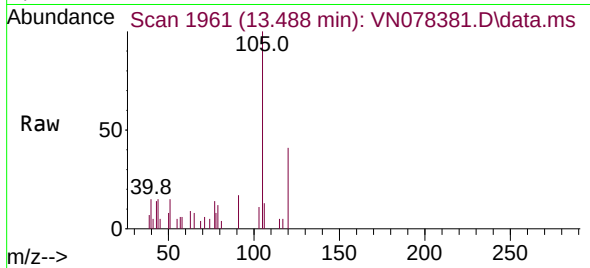




#80
1,2,4-Trimethylbenzene
Concen: 0.350 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Instrument :
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001-WILLETS-PT-BLVD(JUNE)

Tgt Ion:105 Resp: 5420
Ion Ratio Lower Upper
105 100
120 39.0 0.0 88.2



#82
p-Isopropyltoluene
Concen: 3.427 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078381.D
Acq: 23 Jun 2023 16:27

Tgt Ion:119 Resp: 46358
Ion Ratio Lower Upper
119 100
134 24.0 0.0 52.4
91 25.7 0.0 48.2

