

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081689.D
 Acq On : 10 Apr 2024 18:53
 Operator : JC\MD
 Sample : P2023-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 11 09:28:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

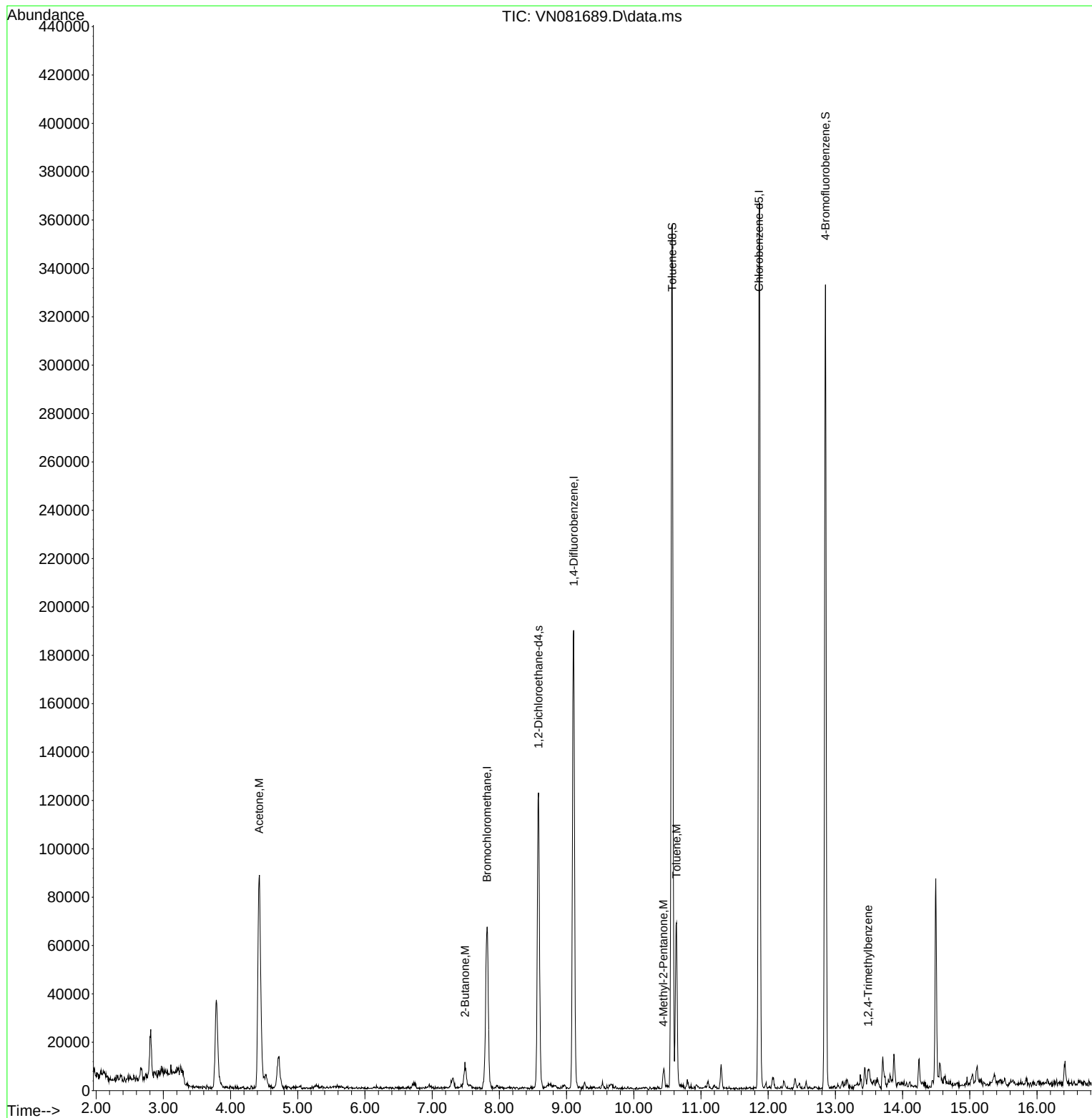
Internal Standards						
1) Bromochloromethane	7.818	128	25582	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	171816	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	218965	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	98643	31.388	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.633%
60) 4-Bromofluorobenzene	12.853	95	111923	25.999	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.667%
63) Toluene-d8	10.571	98	251767	28.665	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.533%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	53591	161.824	ug/l	96
30) 2-Butanone	7.488	43	15373	8.911	ug/l #	80
58) 4-Methyl-2-Pentanone	10.441	43	5768	1.532	ug/l #	81
62) Toluene	10.635	91	52060	3.268	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	5679	0.408	ug/l	53

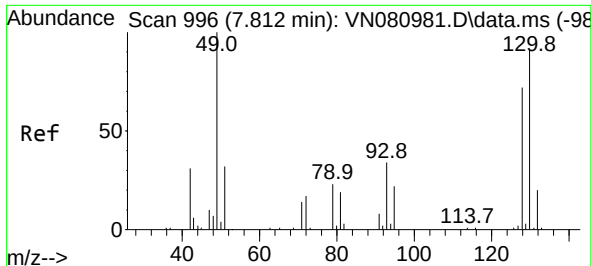
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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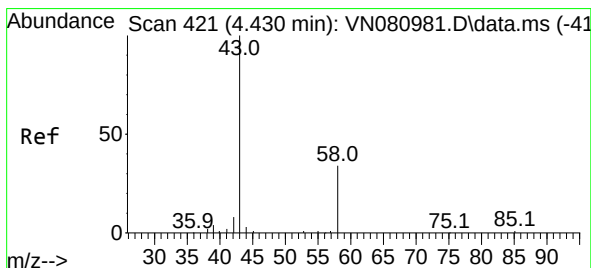
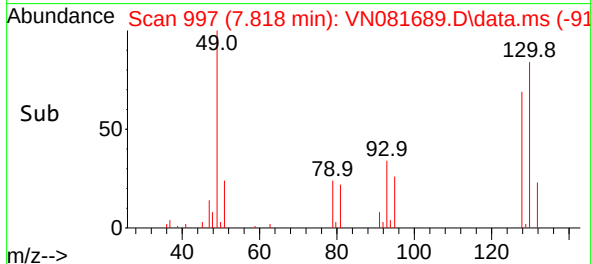
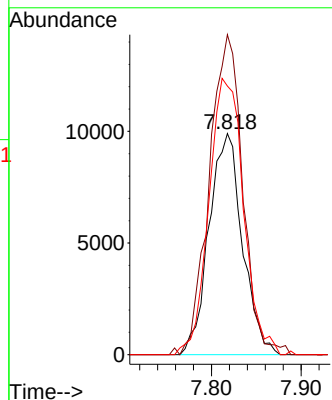
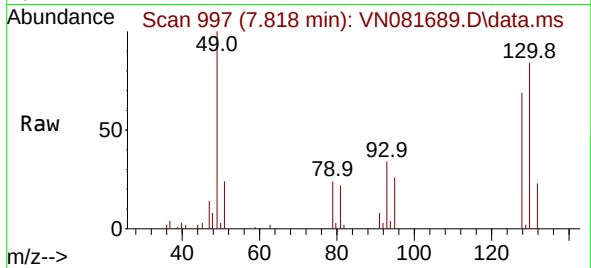




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

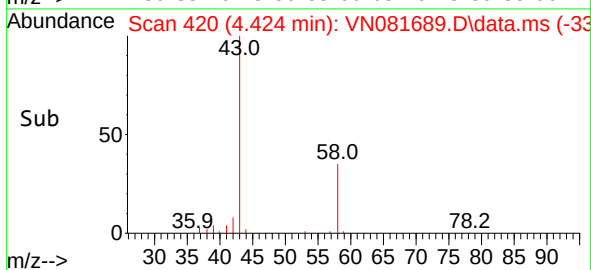
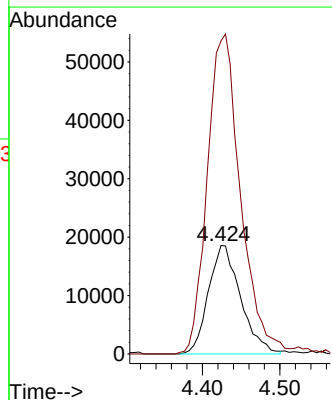
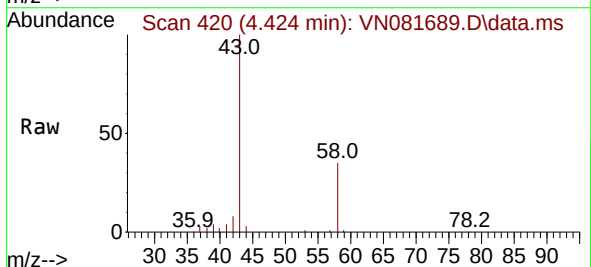
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APRIL)

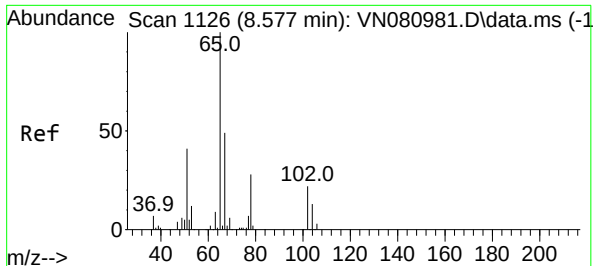
Tgt Ion:128 Resp: 25582
Ion Ratio Lower Upper
128 100
49 142.7 0.0 403.7
130 129.8 0.0 323.3



#15
Acetone
Concen: 161.824 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

Tgt Ion: 58 Resp: 53591
Ion Ratio Lower Upper
58 100
43 286.8 223.1 334.7





#27

1,2-Dichloroethane-d4

Concen: 31.388 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN081689.D

Acq: 10 Apr 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

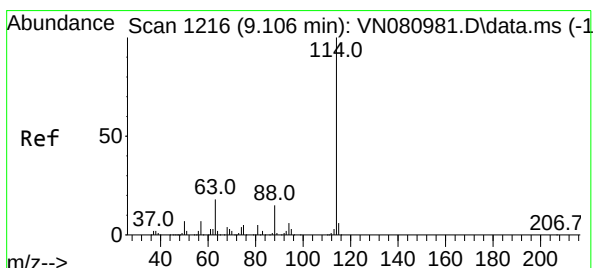
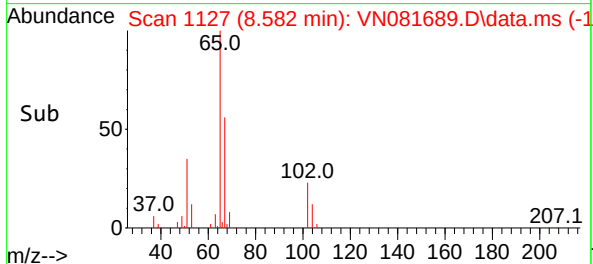
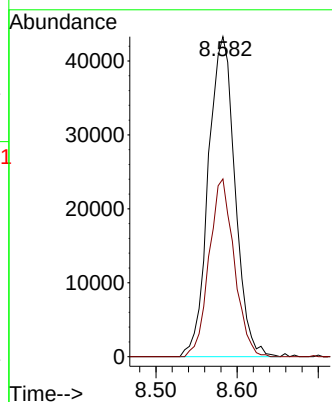
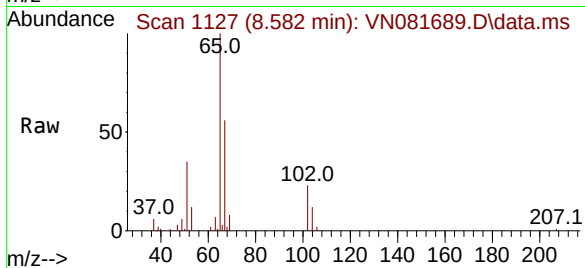
001-WILLETS-PT-BLVD(APRIL)

Tgt Ion: 65 Resp: 98643

Ion Ratio Lower Upper

65 100

67 52.3 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081689.D

Acq: 10 Apr 2024 18:53

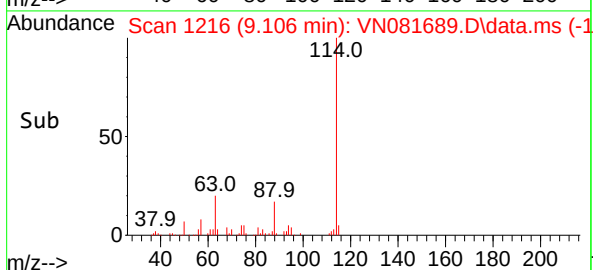
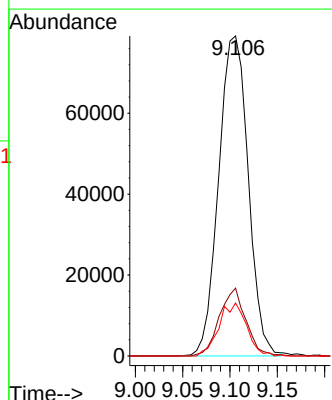
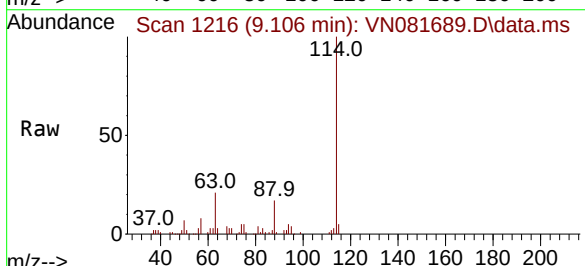
Tgt Ion: 114 Resp: 171816

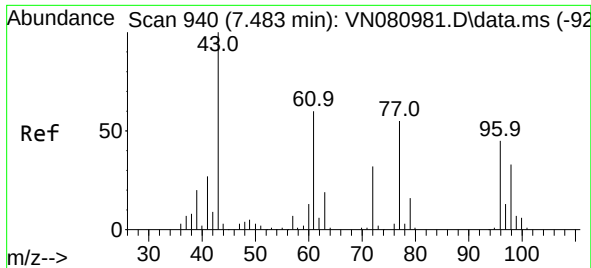
Ion Ratio Lower Upper

114 100

63 19.0 15.9 23.9

88 15.4 12.7 19.1

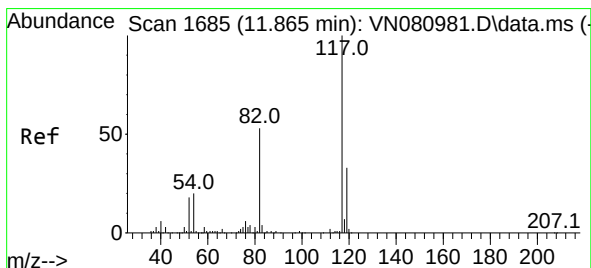
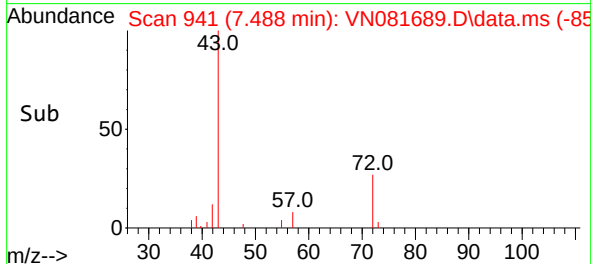
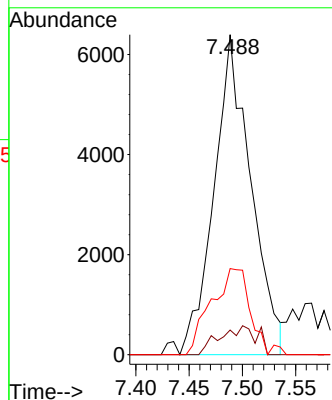
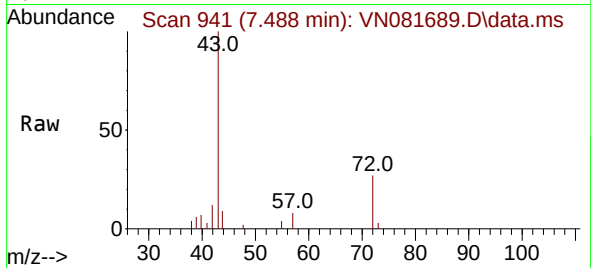




#30
2-Butanone
Concen: 8.911 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

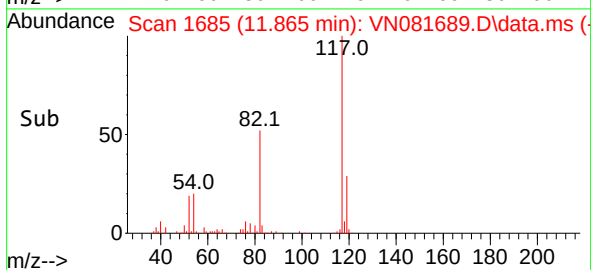
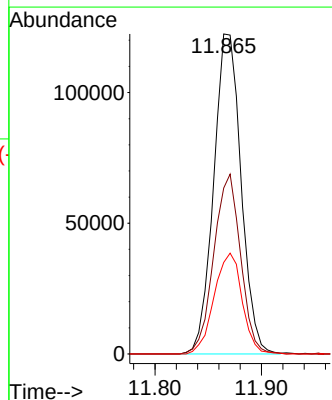
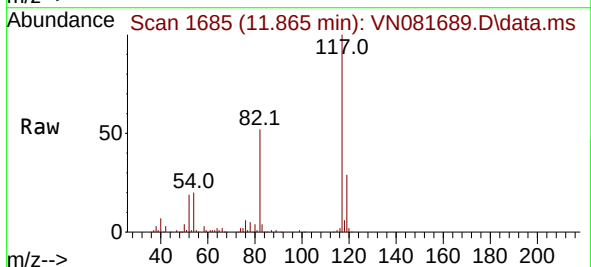
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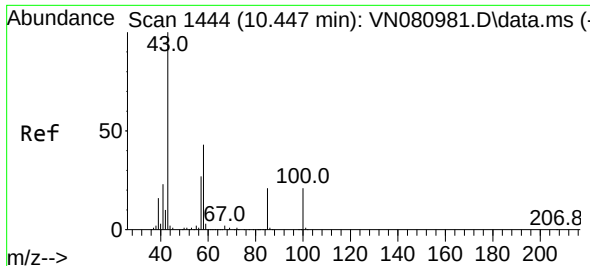
Tgt Ion: 43 Resp: 15373
Ion Ratio Lower Upper
43 100
57 2.8 6.7 10.1#
72 18.8 24.0 36.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

Tgt Ion: 117 Resp: 218965
Ion Ratio Lower Upper
117 100
82 54.9 46.6 69.8
119 32.2 25.4 38.2

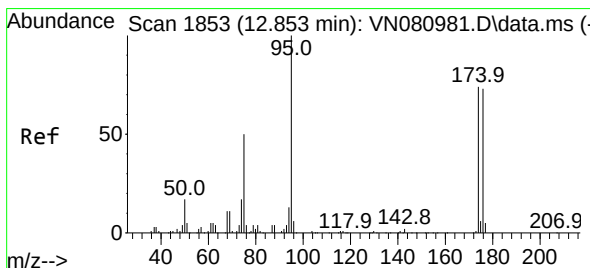
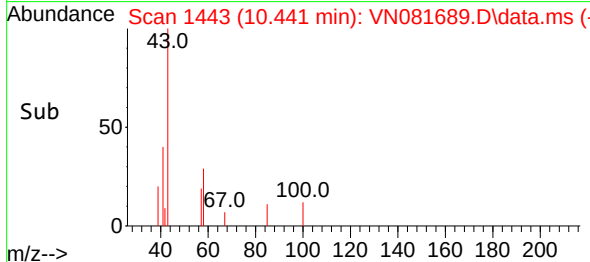
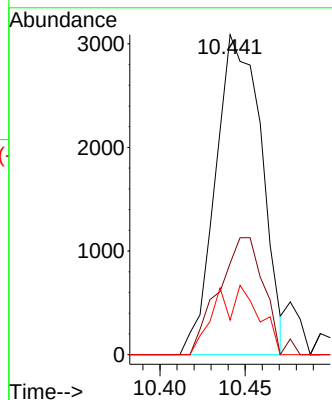
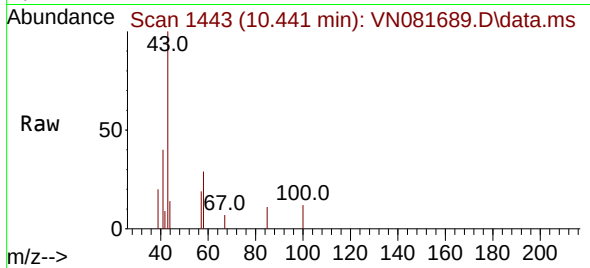




#58
4-Methyl-2-Pentanone
Concen: 1.532 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

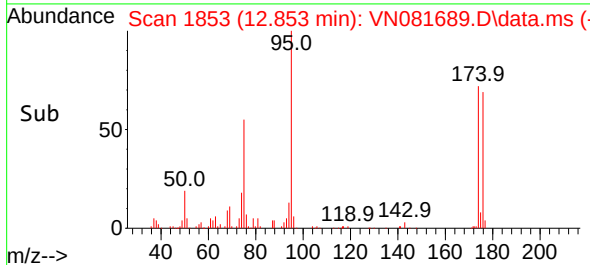
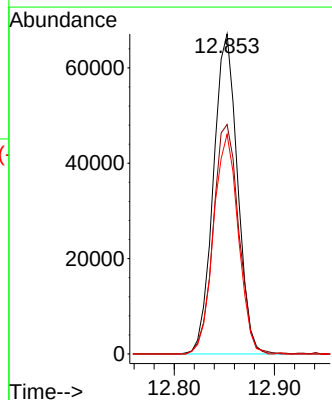
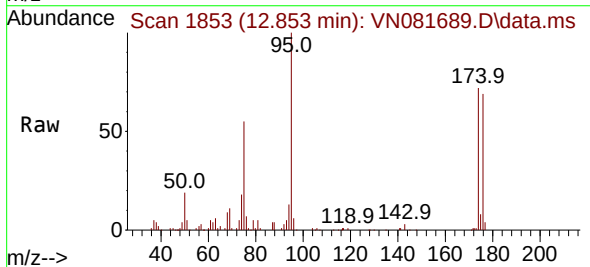
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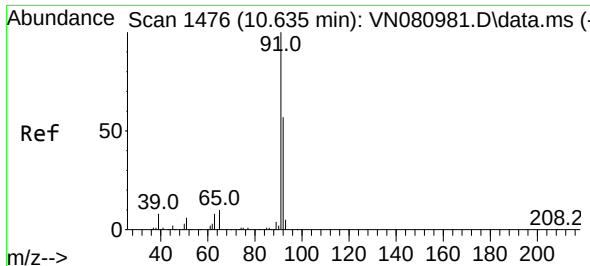
Tgt Ion: 43 Resp: 5768
Ion Ratio Lower Upper
43 100
58 35.5 36.5 54.7#
85 11.4 19.5 29.3#



#60
4-Bromofluorobenzene
Concen: 25.999 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

Tgt Ion: 95 Resp: 111923
Ion Ratio Lower Upper
95 100
174 76.0 60.5 90.7
176 70.6 57.8 86.6

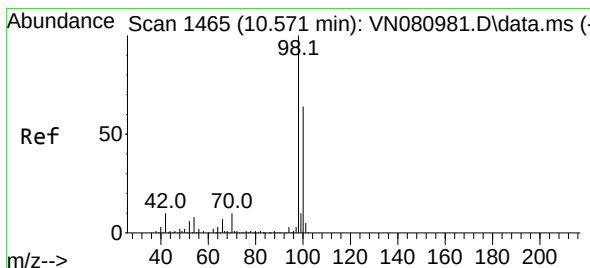
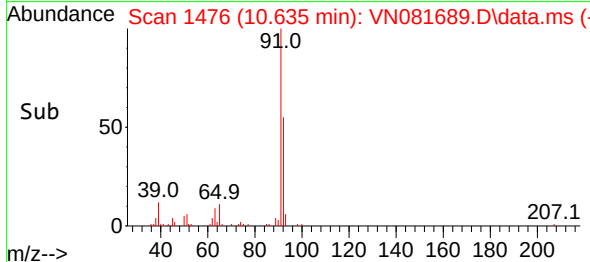
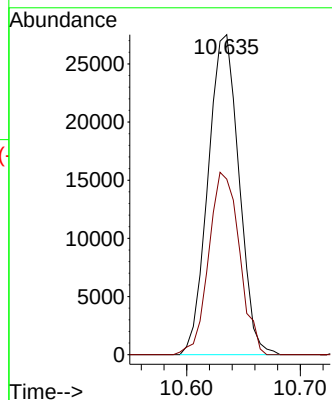
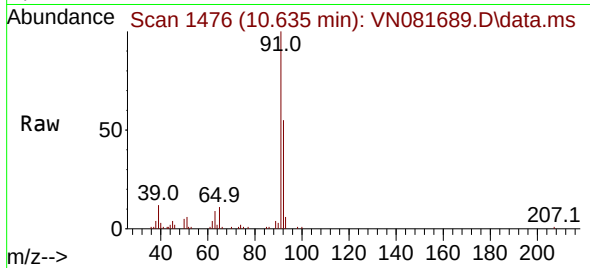




#62
Toluene
Concen: 3.268 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

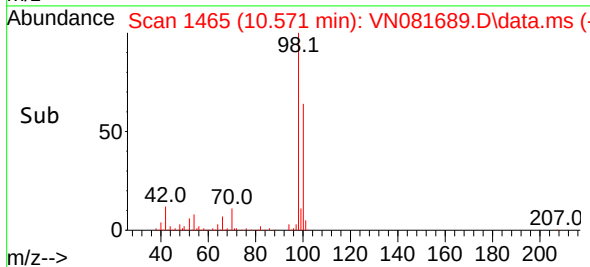
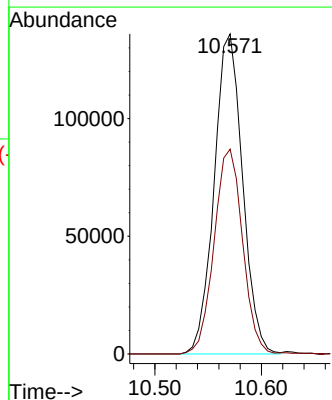
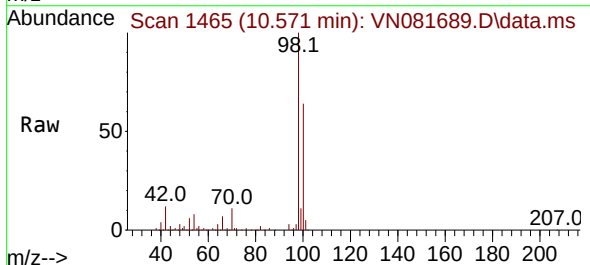
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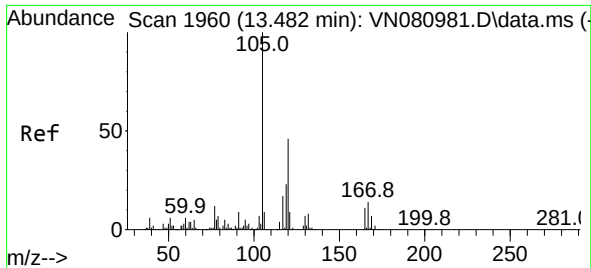
Tgt Ion: 91 Resp: 52060
Ion Ratio Lower Upper
91 100
92 56.8 46.5 69.7



#63
Toluene-d8
Concen: 28.665 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081689.D
Acq: 10 Apr 2024 18:53

Tgt Ion: 98 Resp: 251767
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1





#80
 1,2,4-Trimethylbenzene
 Concen: 0.408 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN081689.D
 Acq: 10 Apr 2024 18:53

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

Tgt Ion:105 Resp: 5679
 Ion Ratio Lower Upper
 105 100
 120 13.1 0.0 86.8

