

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074886.D
 Acq On : 12 Oct 2022 19:34
 Operator : JC\MD
 Sample : N5089-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 13 08:03:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

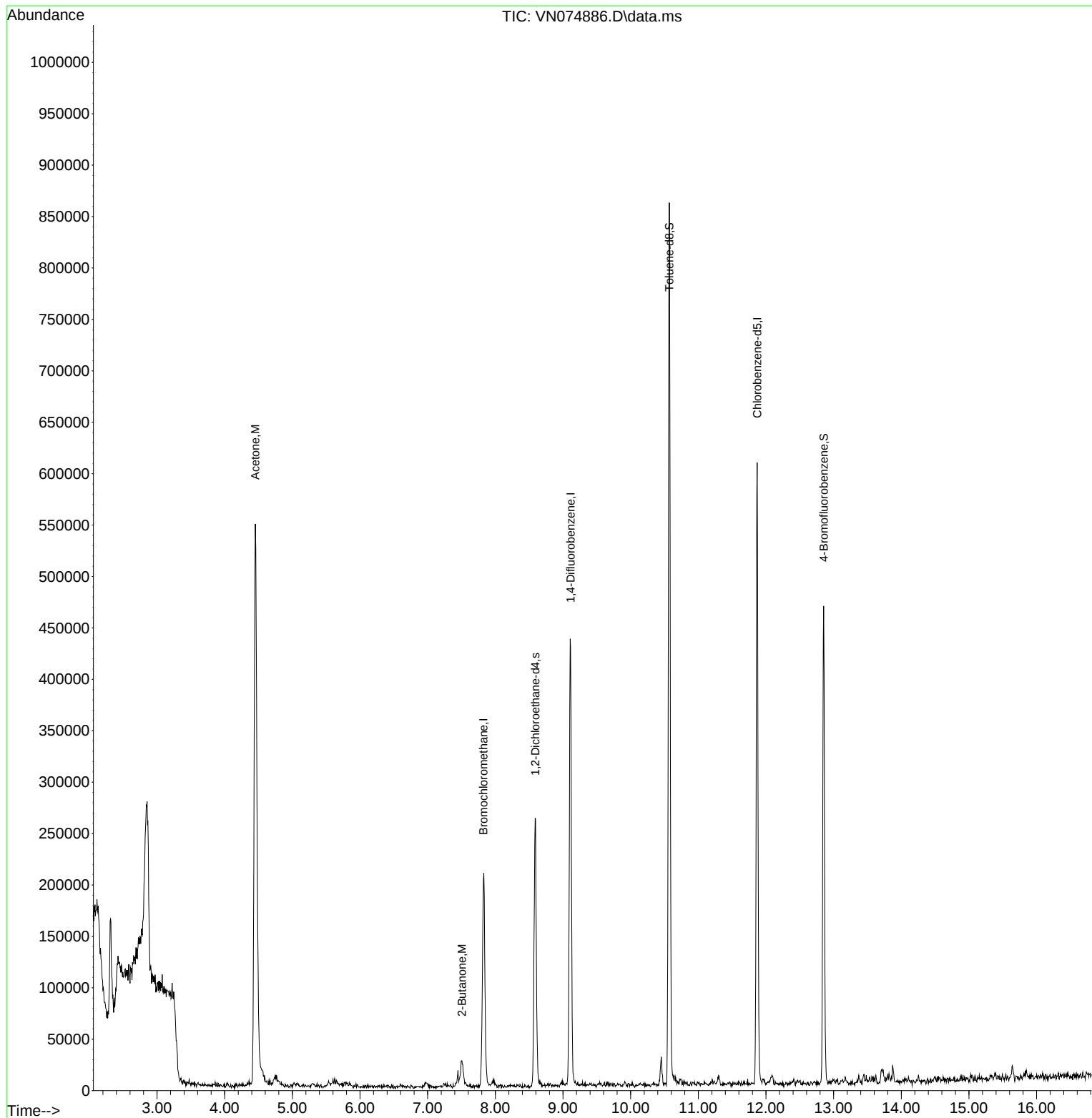
Internal Standards						
1) Bromochloromethane	7.824	128	67430	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	378566	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	329460	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.594	65	193217	30.607	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.033%
60) 4-Bromofluorobenzene	12.853	95	143447	24.552	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.833%
63) Toluene-d8	10.571	98	585939	30.815	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.700%
Target Compounds						
15) Acetone	4.454	58	331736	327.192	ug/l	Qvalue 87
30) 2-Butanone	7.506	43	40615	7.452	ug/l #	82

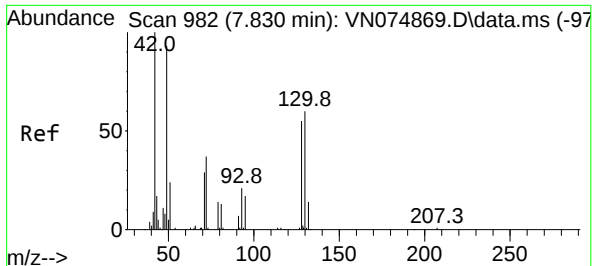
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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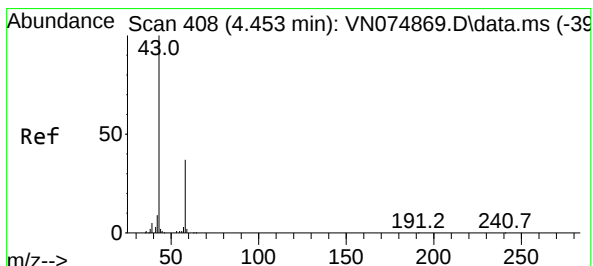
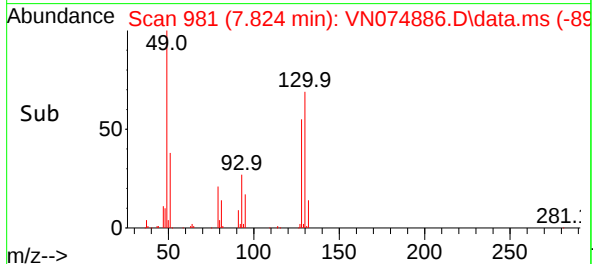
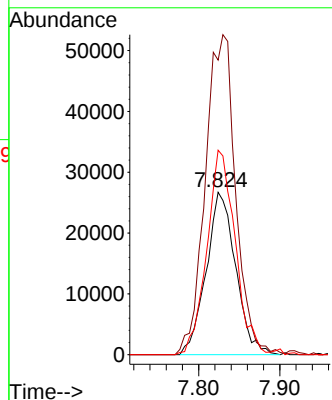
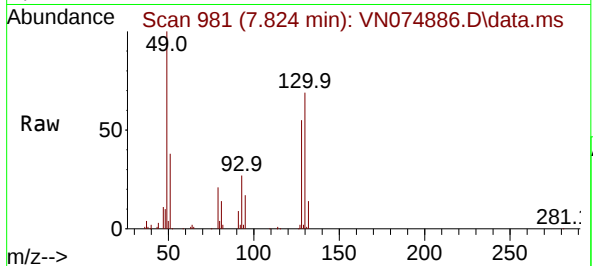




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.824 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN074886.D
 Acq: 12 Oct 2022 19:34

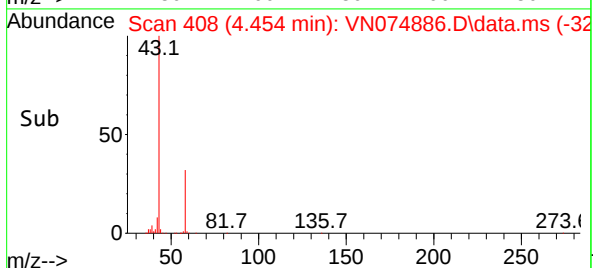
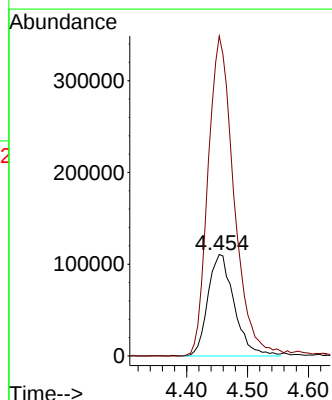
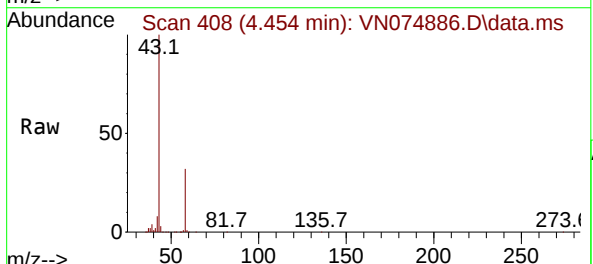
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(OCT)

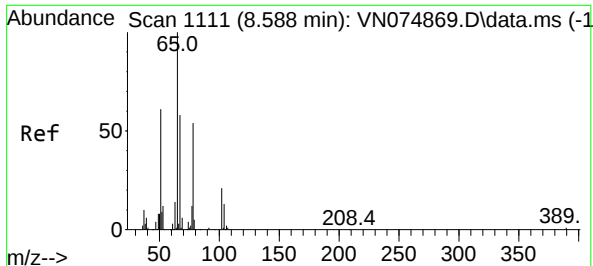
Tgt Ion:128 Resp: 67430
 Ion Ratio Lower Upper
 128 100
 49 203.1 0.0 492.0
 130 121.0 0.0 313.3



#15
 Acetone
 Concen: 327.192 ug/l
 RT: 4.454 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: VN074886.D
 Acq: 12 Oct 2022 19:34

Tgt Ion: 58 Resp: 331736
 Ion Ratio Lower Upper
 58 100
 43 315.6 232.2 348.4





#27

1,2-Dichloroethane-d4

Concen: 30.607 ug/l

RT: 8.594 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN074886.D

Acq: 12 Oct 2022 19:34

Instrument :

MSVOA_N

ClientSampleId :

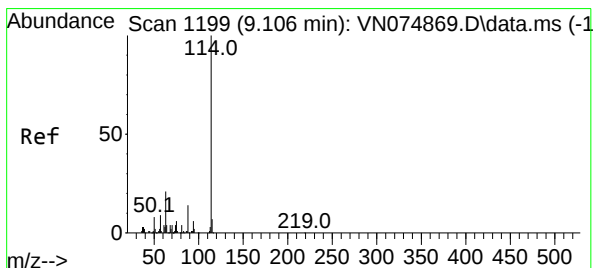
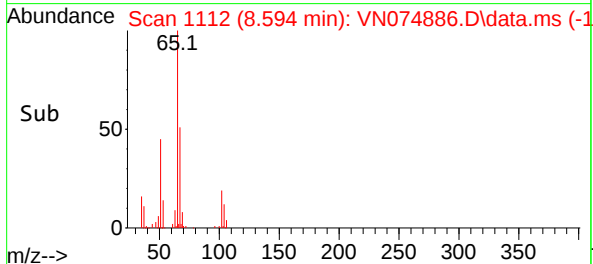
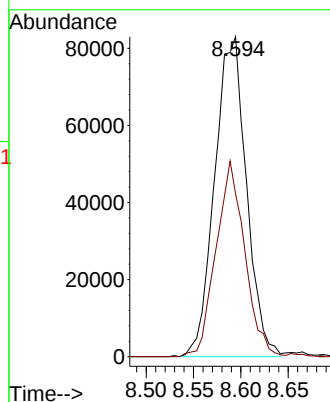
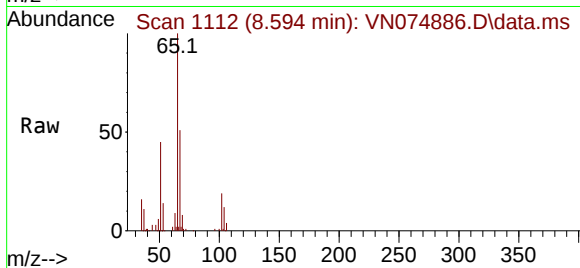
001-WILLETS-PT-BLVD(OCT)

Tgt Ion: 65 Resp: 193217

Ion Ratio Lower Upper

65 100

67 55.4 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074886.D

Acq: 12 Oct 2022 19:34

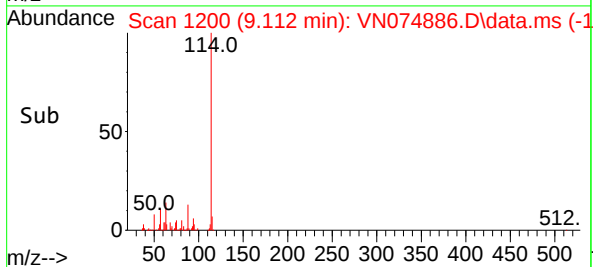
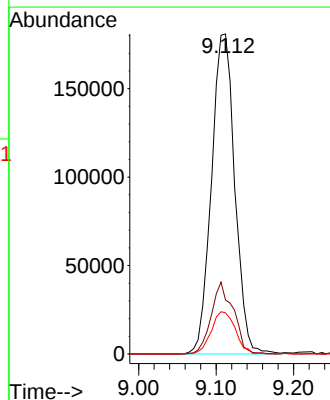
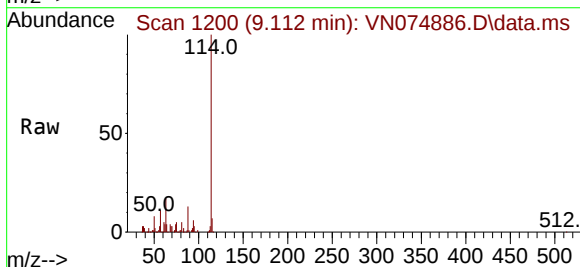
Tgt Ion: 114 Resp: 378566

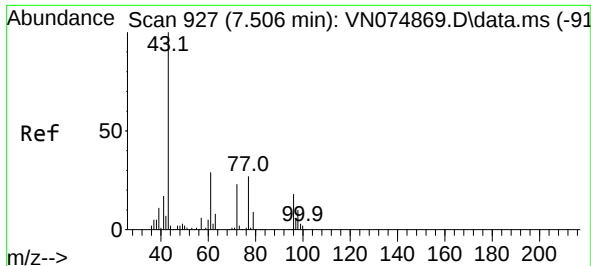
Ion Ratio Lower Upper

114 100

63 21.3 16.6 25.0

88 13.6 12.2 18.4

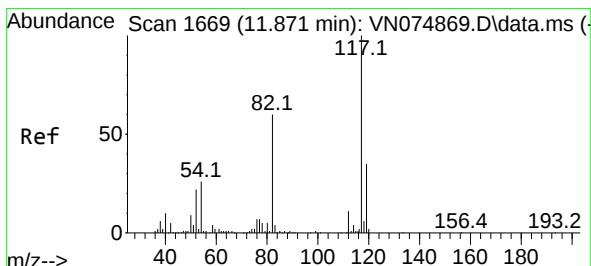
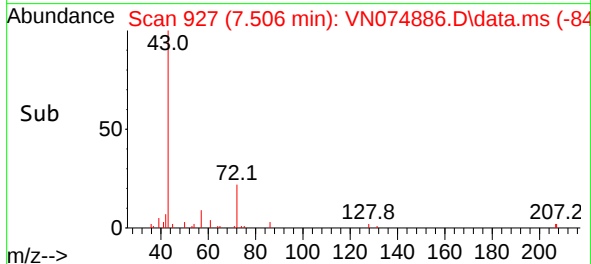
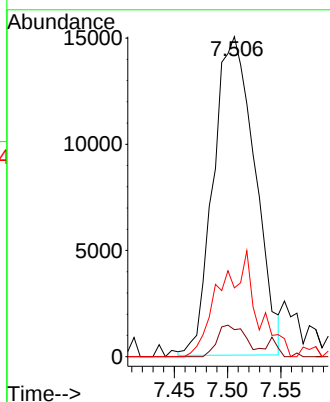
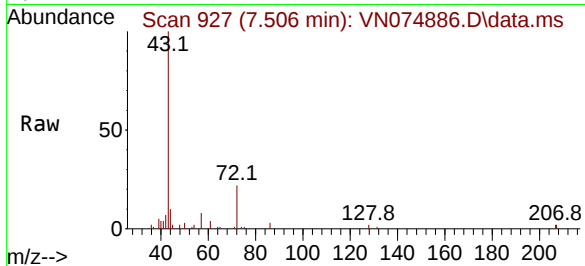




#30
2-Butanone
Concen: 7.452 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074886.D
Acq: 12 Oct 2022 19:34

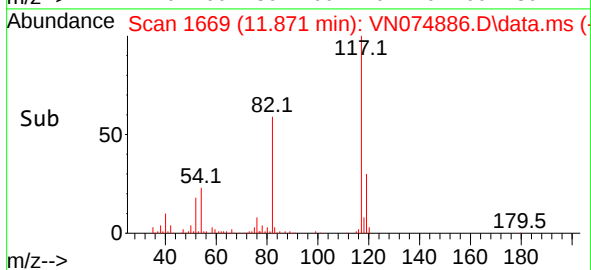
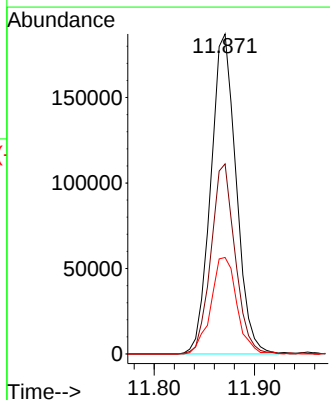
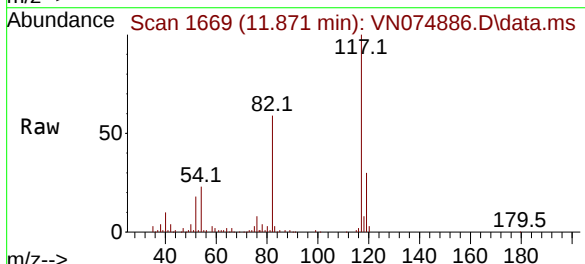
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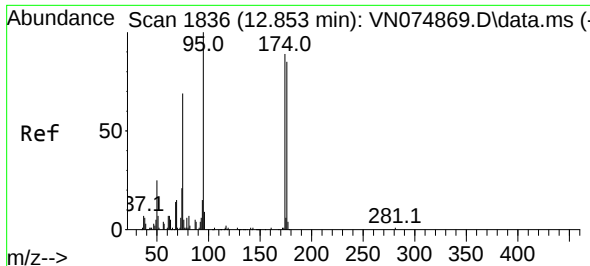
Tgt Ion: 43 Resp: 40615
Ion Ratio Lower Upper
43 100
57 6.5 6.3 9.5
72 15.1 21.0 31.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074886.D
Acq: 12 Oct 2022 19:34

Tgt Ion: 117 Resp: 329460
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 30.6 25.6 38.4

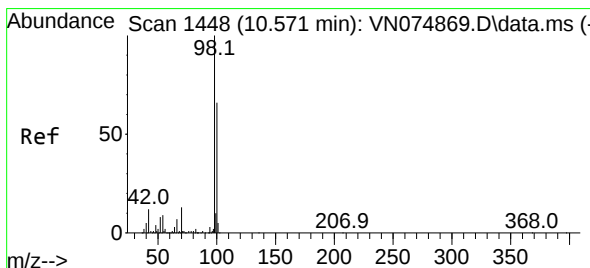
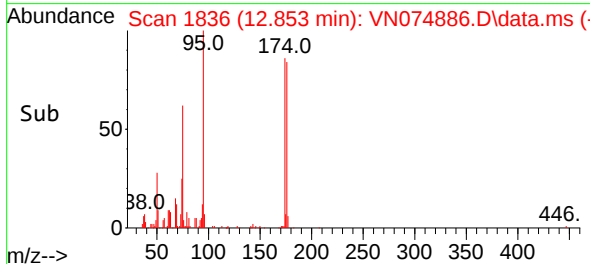
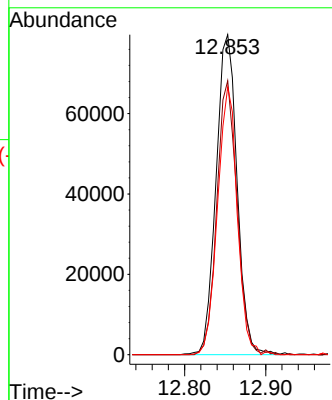
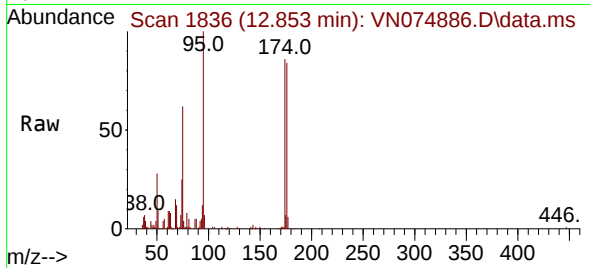




#60
4-Bromofluorobenzene
Concen: 24.552 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074886.D
Acq: 12 Oct 2022 19:34

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

Tgt Ion: 95 Resp: 143447
Ion Ratio Lower Upper
95 100
174 81.9 57.8 86.8
176 78.3 57.0 85.4



#63
Toluene-d8
Concen: 30.815 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074886.D
Acq: 12 Oct 2022 19:34

Tgt Ion: 98 Resp: 585939
Ion Ratio Lower Upper
98 100
100 62.1 52.7 79.1

