

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078932.D
 Acq On : 17 Aug 2023 17:53
 Operator : JC\MD
 Sample : 04027-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 18 05:34:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

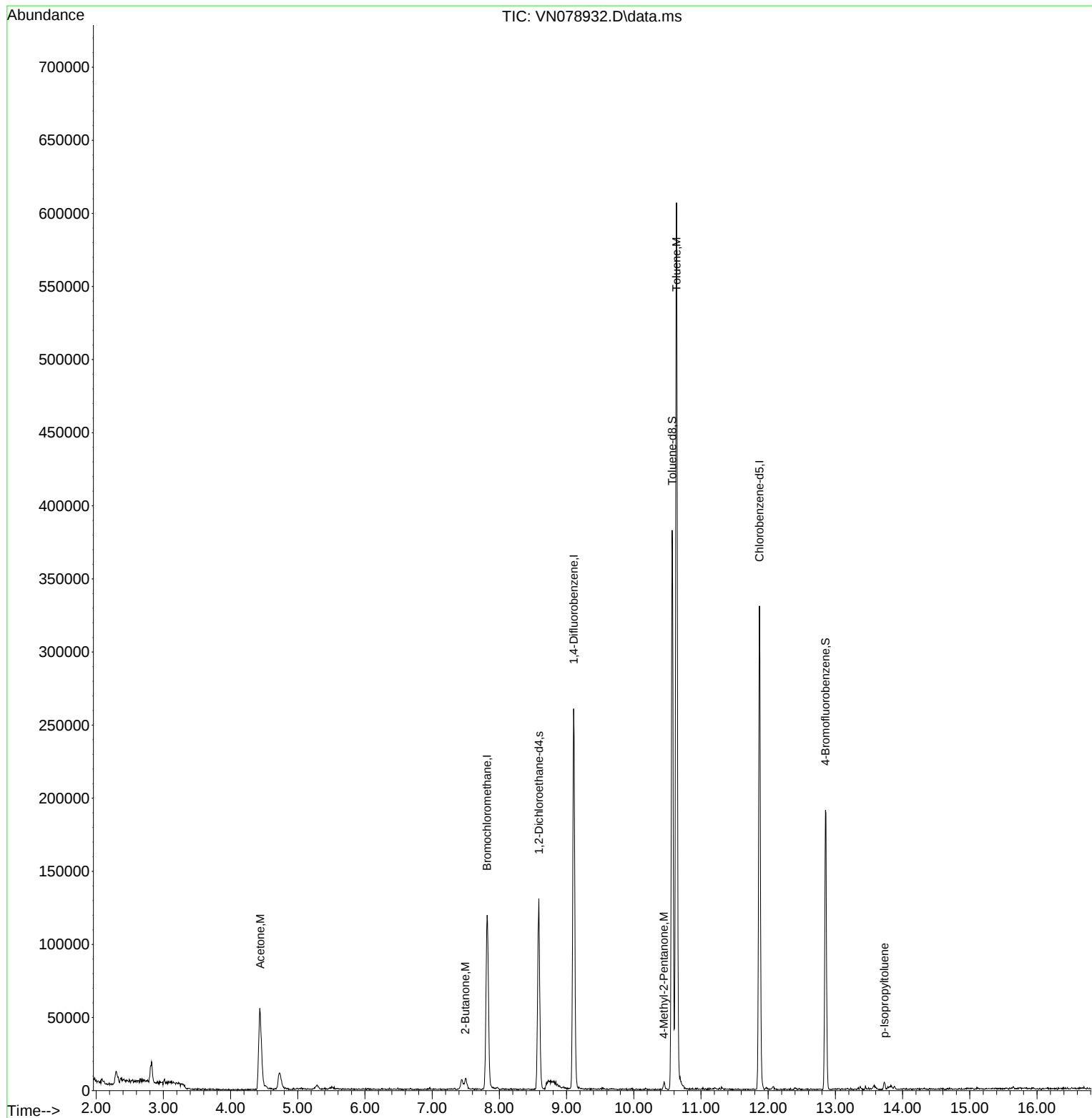
Internal Standards						
1) Bromochloromethane	7.818	128	39491	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	214398	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	185417	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	98800	30.881	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.933%
60) 4-Bromofluorobenzene	12.853	95	66090	24.435	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.467%
63) Toluene-d8	10.571	98	257586	29.748	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.167%
Target Compounds						
15) Acetone	4.442	58	30463	77.050	ug/l	98
30) 2-Butanone	7.494	43	12283	6.433	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	3007	0.817	ug/l #	97
62) Toluene	10.635	91	442863	43.749	ug/l	97
82) p-Isopropyltoluene	13.729	119	2579	0.379	ug/l	79

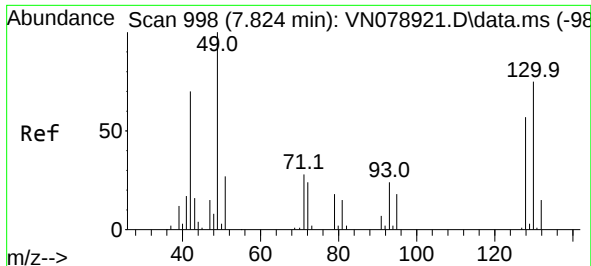
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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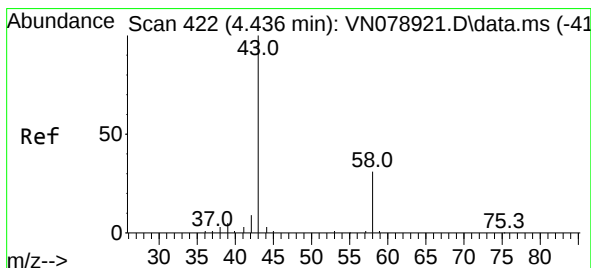
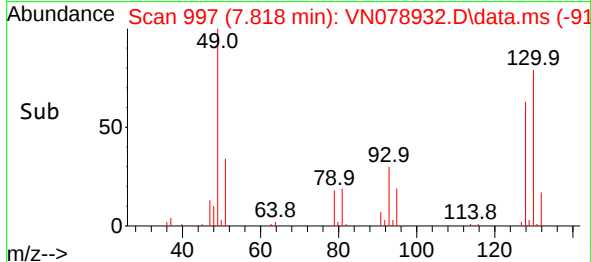
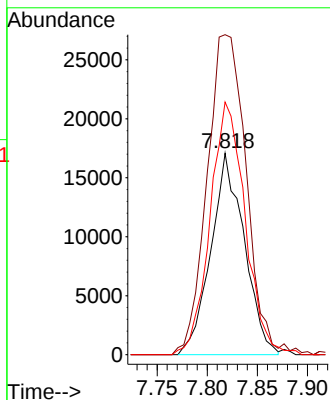
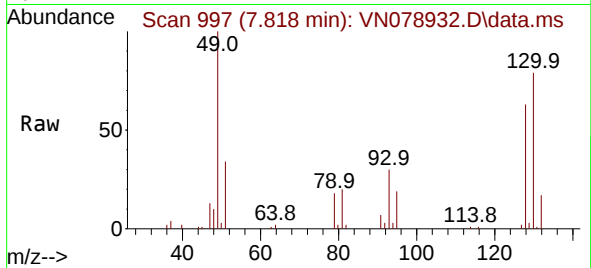




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

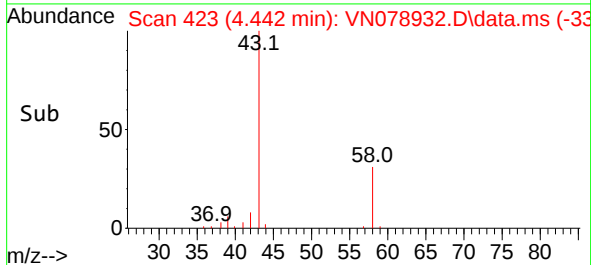
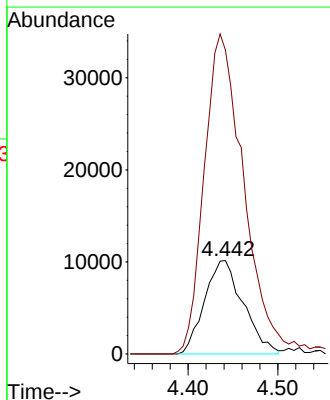
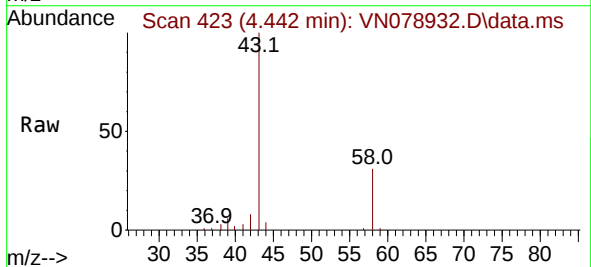
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUN)DL

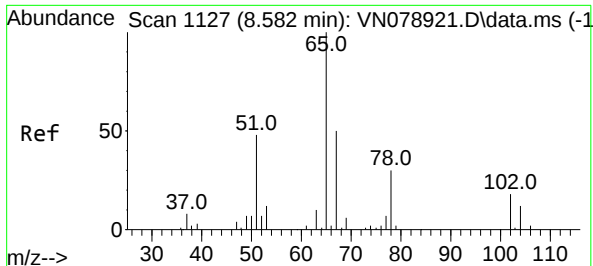
Tgt Ion	Ratio	Lower	Upper
128	100		
49	184.8	0.0	481.8
130	131.8	0.0	320.5



#15
Acetone
Concen: 77.050 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

Tgt Ion	Ratio	Lower	Upper
58	100		
43	322.5	260.6	390.8





#27

1,2-Dichloroethane-d4

Concen: 30.881 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078932.D

Acq: 17 Aug 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

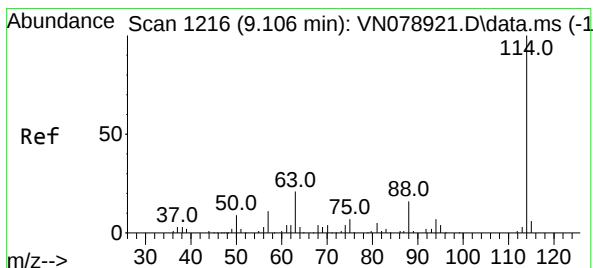
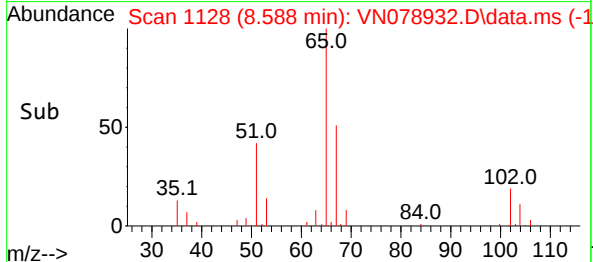
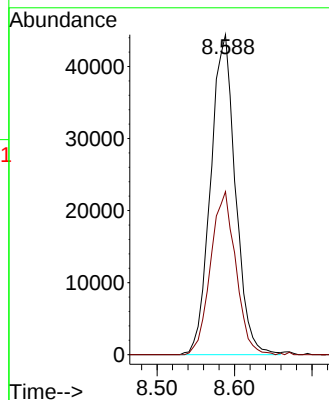
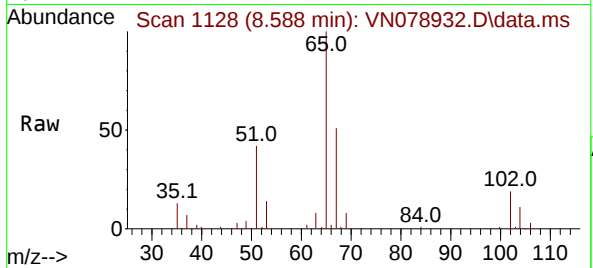
001-WILLETS-PT-BLVD(JUN)DL

Tgt Ion: 65 Resp: 98800

Ion Ratio Lower Upper

65 100

67 51.7 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078932.D

Acq: 17 Aug 2023 17:53

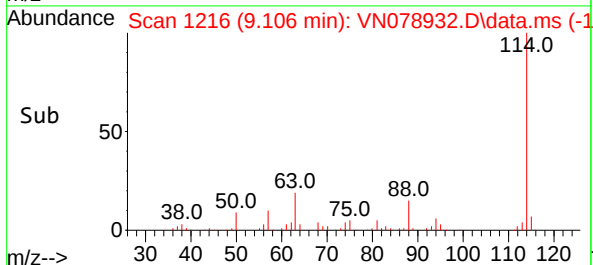
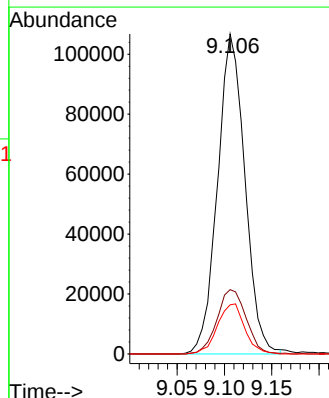
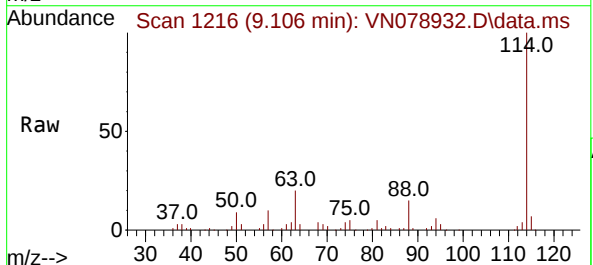
Tgt Ion: 114 Resp: 214398

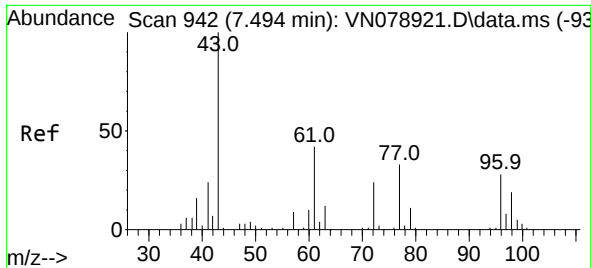
Ion Ratio Lower Upper

114 100

63 21.4 17.4 26.2

88 15.6 12.0 18.0

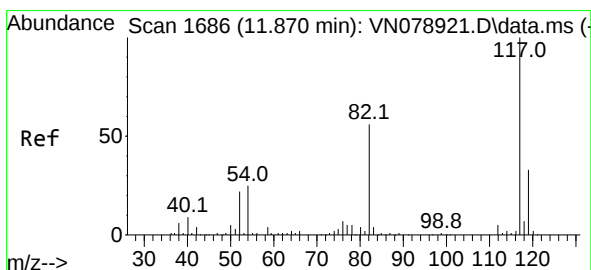
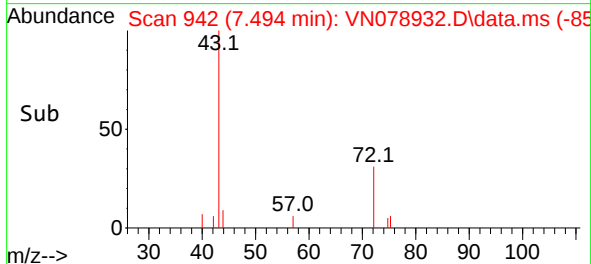
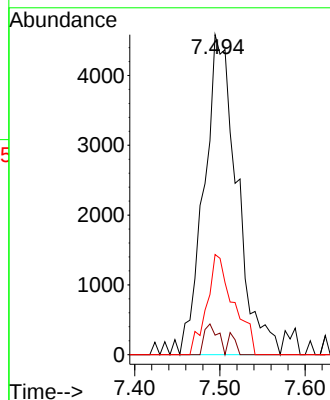
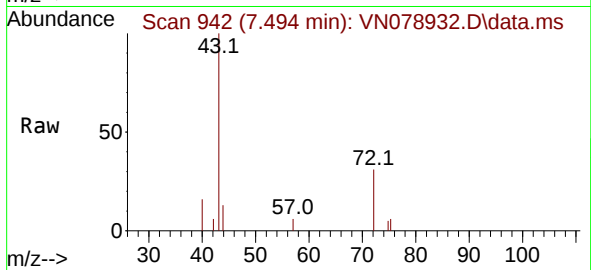




#30
2-Butanone
Concen: 6.433 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

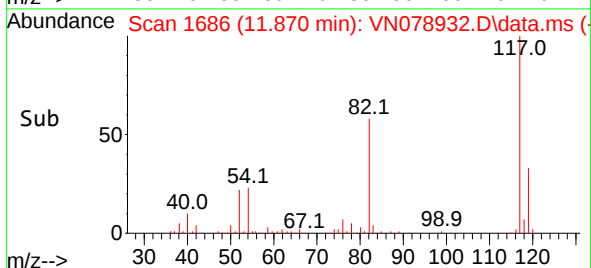
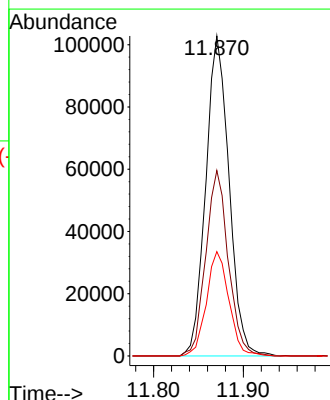
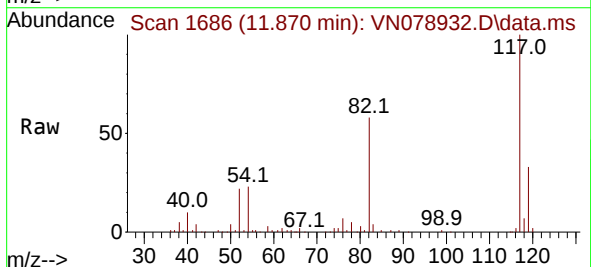
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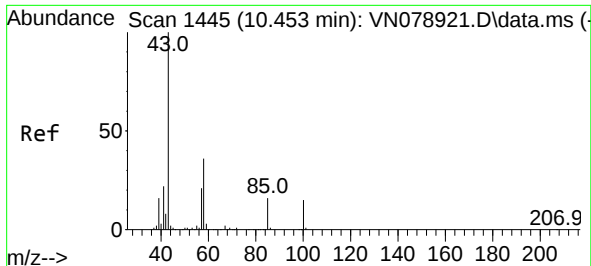
Tgt Ion: 43 Resp: 12283
Ion Ratio Lower Upper
43 100
57 4.0 6.2 9.4#
72 24.3 19.4 29.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

Tgt Ion: 117 Resp: 185417
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.0
119 31.5 25.5 38.3

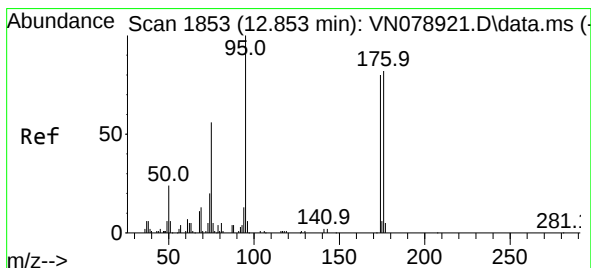
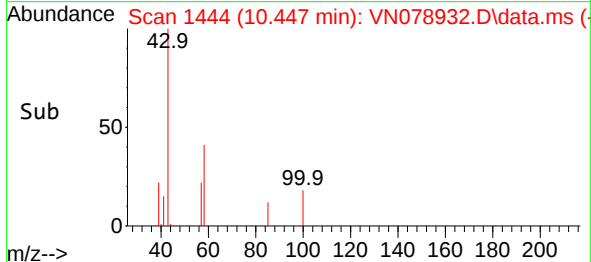
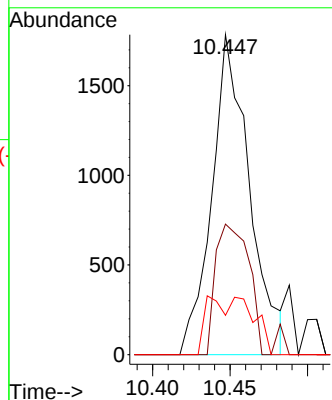
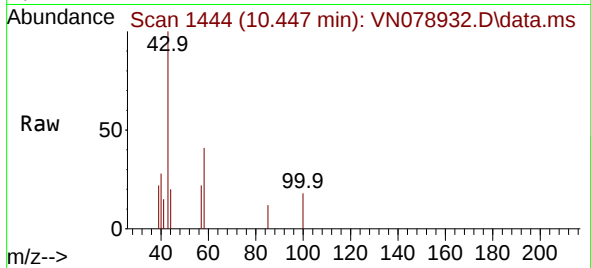




#58
4-Methyl-2-Pentanone
Concen: 0.817 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

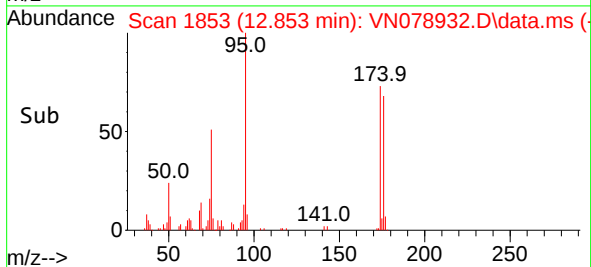
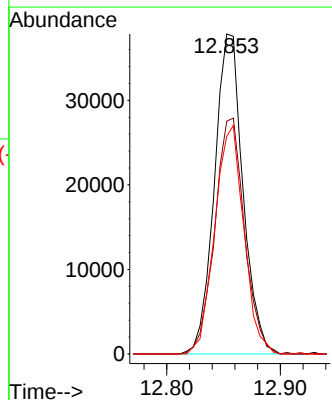
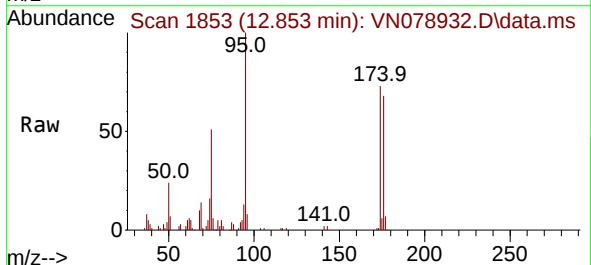
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MSVOA_N
ClientSampleId :
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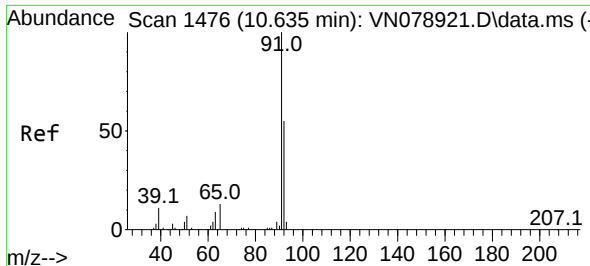
Tgt Ion: 43 Resp: 3007
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
85 12.1 12.7 19.1#



#60
4-Bromofluorobenzene
Concen: 24.435 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

Tgt Ion: 95 Resp: 66090
Ion Ratio Lower Upper
95 100
174 76.5 64.8 97.2
176 72.6 63.0 94.6

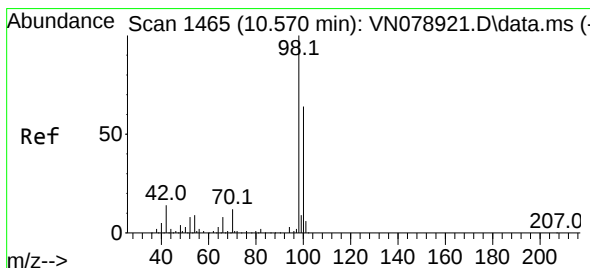
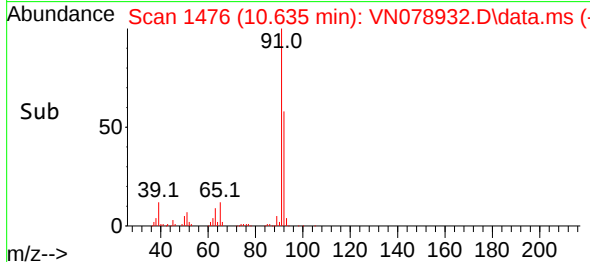
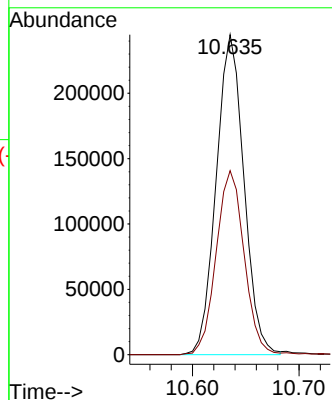
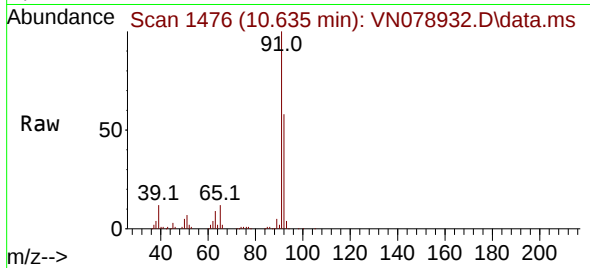




#62
Toluene
Concen: 43.749 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

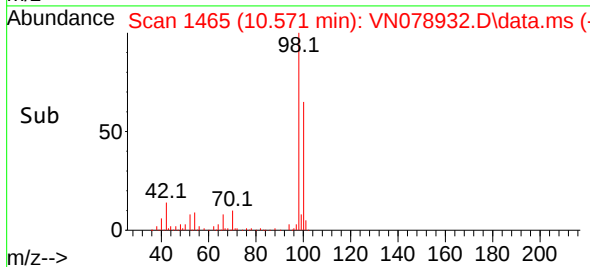
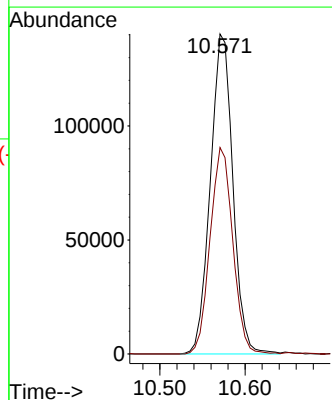
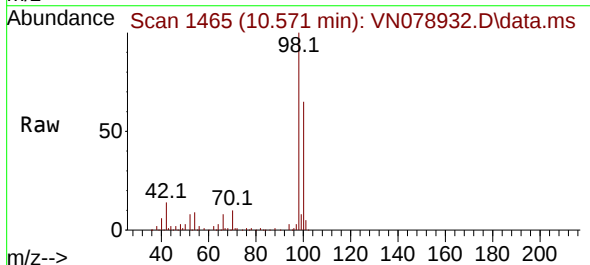
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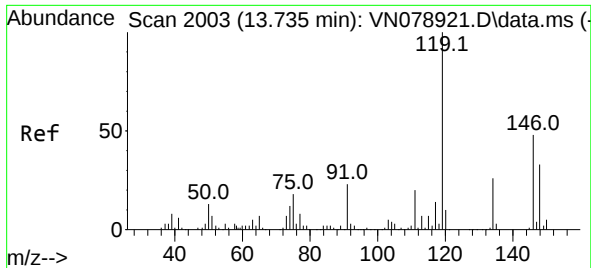
Tgt Ion: 91 Resp: 442863
Ion Ratio Lower Upper
91 100
92 57.9 44.7 67.1



#63
Toluene-d8
Concen: 29.748 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078932.D
Acq: 17 Aug 2023 17:53

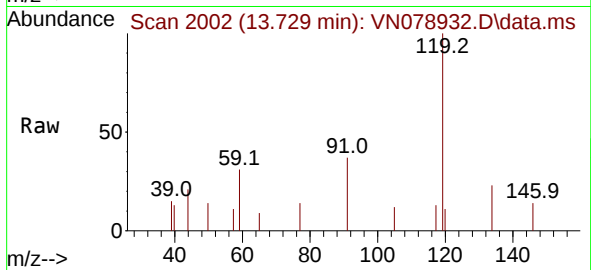
Tgt Ion: 98 Resp: 257586
Ion Ratio Lower Upper
98 100
100 65.0 51.1 76.7





#82
 p-Isopropyltoluene
 Concen: 0.379 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078932.D
 Acq: 17 Aug 2023 17:53

Instrument :
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Tgt Ion:	119	Resp:	2579
Ion	Ratio	Lower	Upper
119	100		
134	19.6	0.0	52.4
91	38.8	0.0	47.4

