

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083536.D
 Acq On : 28 Aug 2024 15:19
 Operator : JC\MD
 Sample : P3759-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 28 15:45:31 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

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

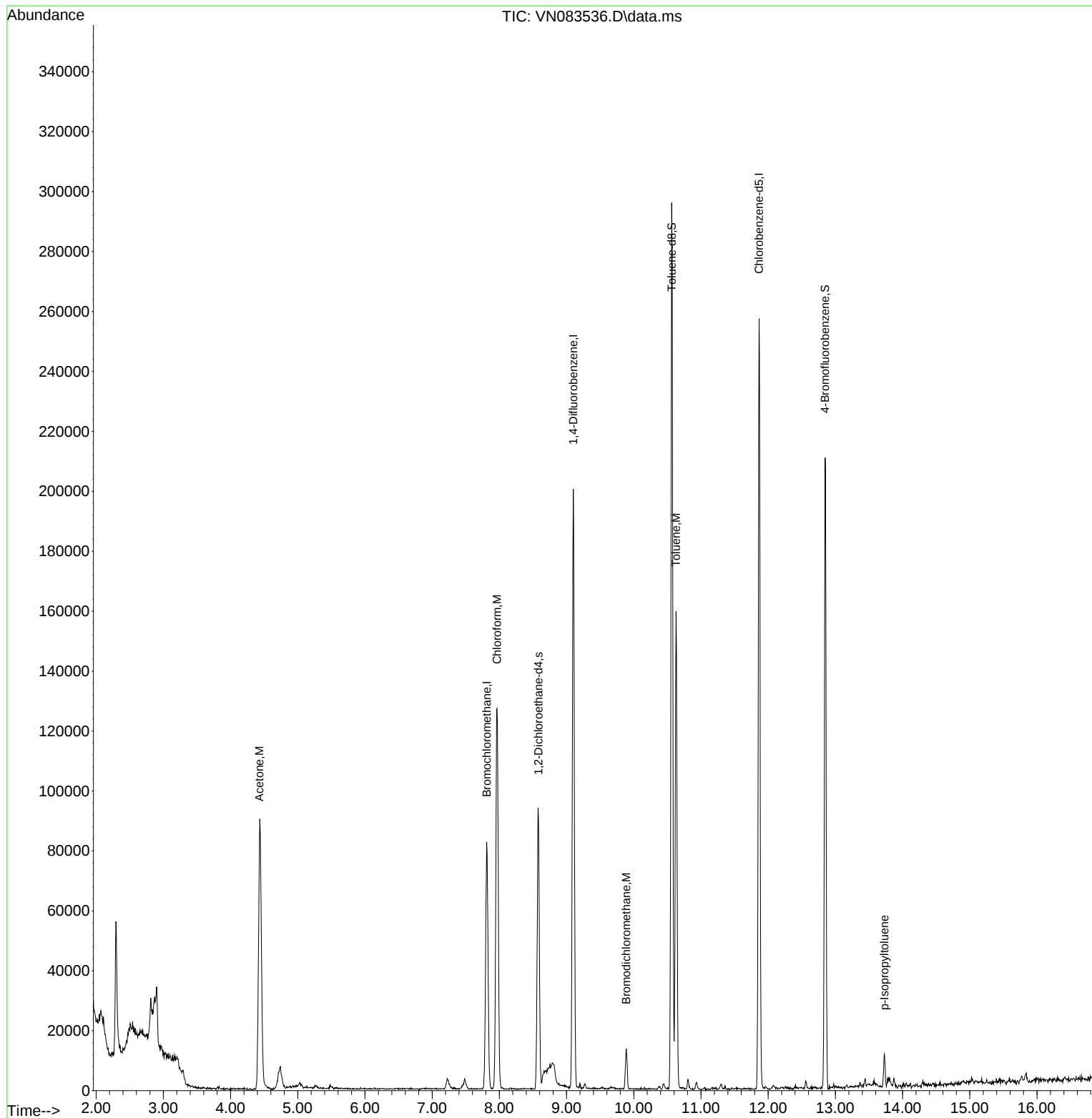
Internal Standards						
1) Bromochloromethane	7.812	128	28060	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	164912	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	144593	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	78726	31.215	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.033%
60) 4-Bromofluorobenzene	12.847	95	75353	29.436	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.133%
63) Toluene-d8	10.565	98	198306	29.707	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.033%
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	17417	62.786	ug/l	# 61
25) Chloroform	7.965	83	127597	33.748	ug/l	100
41) Bromodichloromethane	9.888	83	9378	3.167	ug/l	95
62) Toluene	10.629	91	117947	14.102	ug/l	100
82) p-Isopropyltoluene	13.729	119	5914	0.765	ug/l	89

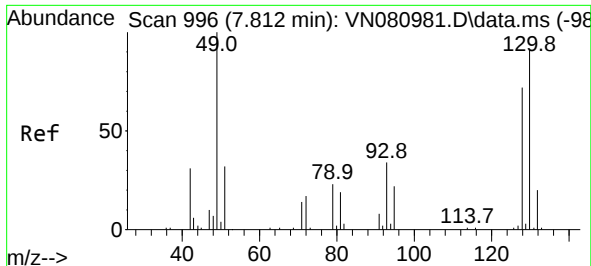
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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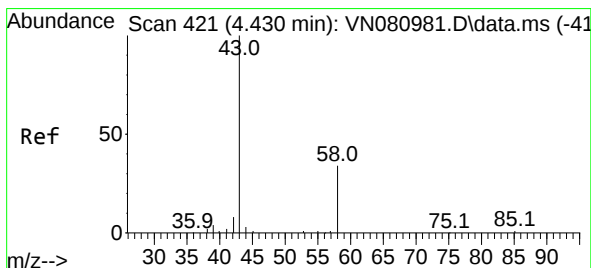
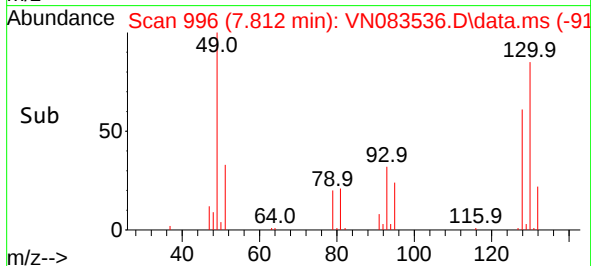
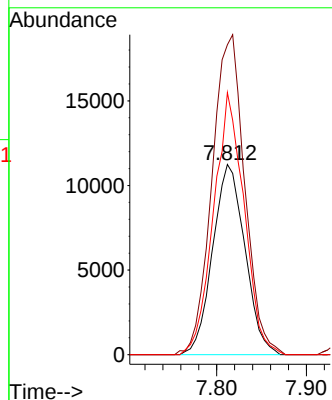
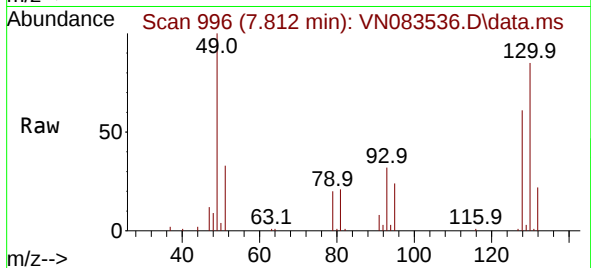




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083536.D
Acq: 28 Aug 2024 15:19

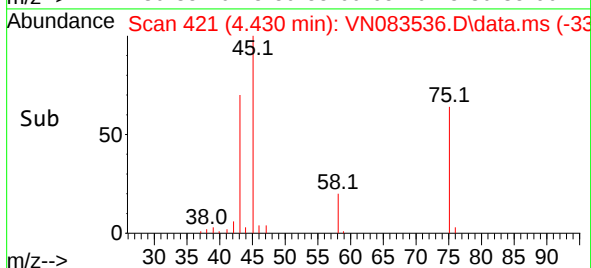
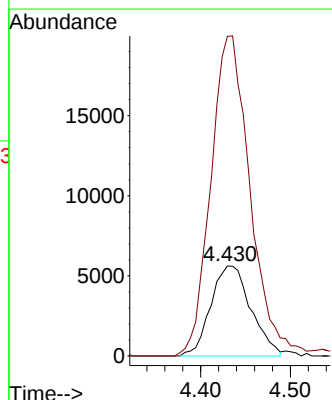
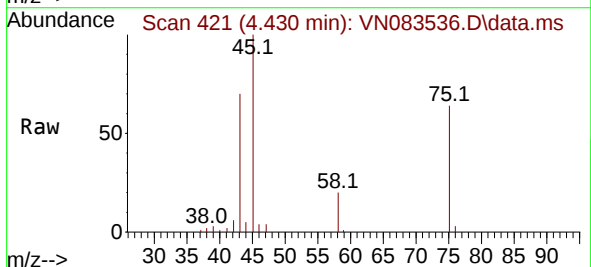
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)

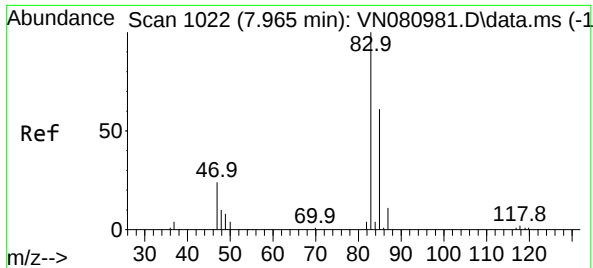
Tgt Ion:	128	Resp:	28060
Ion	Ratio	Lower	Upper
128	100		
49	170.5	0.0	403.7
130	130.3	0.0	323.3



#15
Acetone
Concen: 62.786 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083536.D
Acq: 28 Aug 2024 15:19

Tgt Ion:	58	Resp:	17417
Ion	Ratio	Lower	Upper
58	100		
43	351.8	223.1	334.7





#25

Chloroform

Concen: 33.748 ug/l

RT: 7.965 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN083536.D

Acq: 28 Aug 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

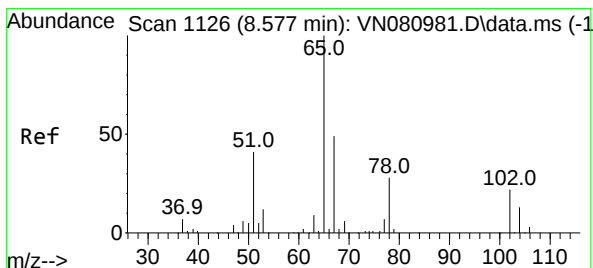
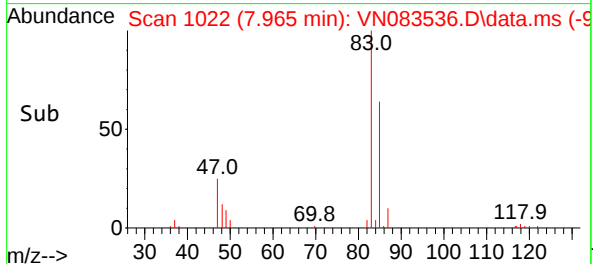
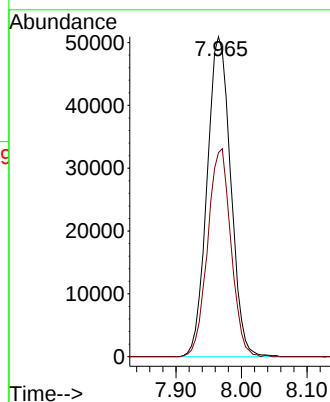
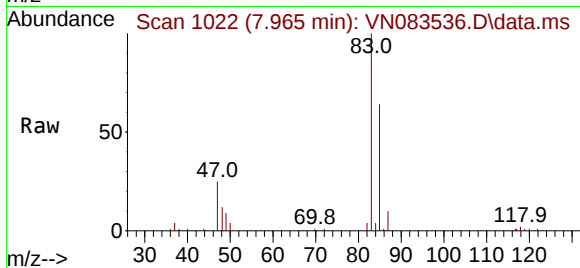
001-WILLETS-PT-BLVD(JULY)

Tgt Ion: 83 Resp: 127597

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3



#27

1,2-Dichloroethane-d4

Concen: 31.215 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN083536.D

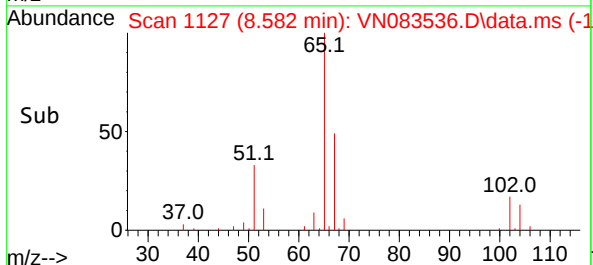
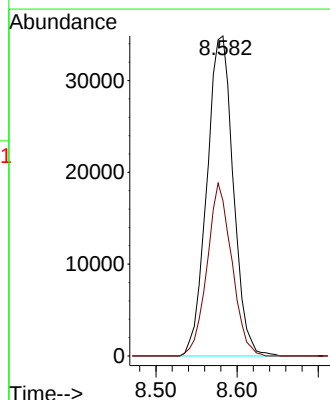
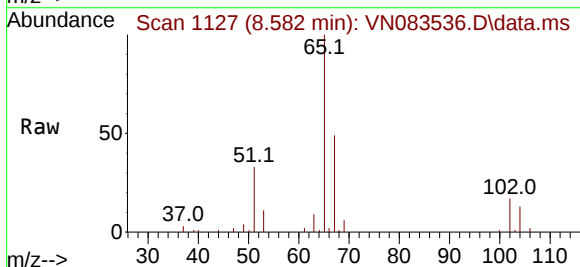
Acq: 28 Aug 2024 15:19

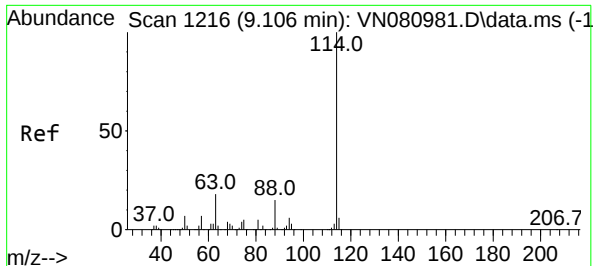
Tgt Ion: 65 Resp: 78726

Ion Ratio Lower Upper

65 100

67 50.5 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083536.D

Acq: 28 Aug 2024 15:19

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JULY)

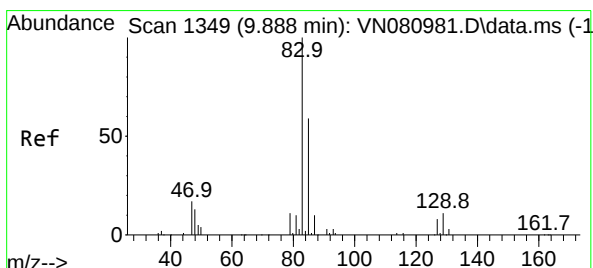
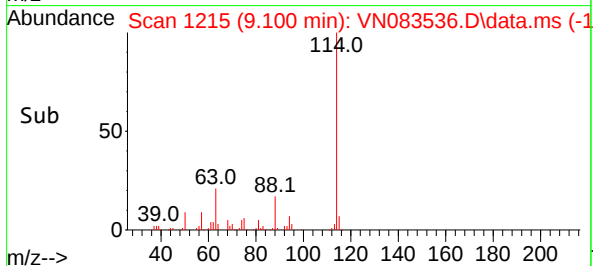
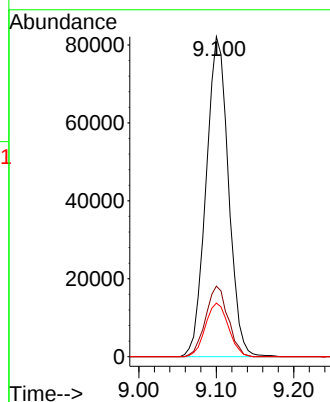
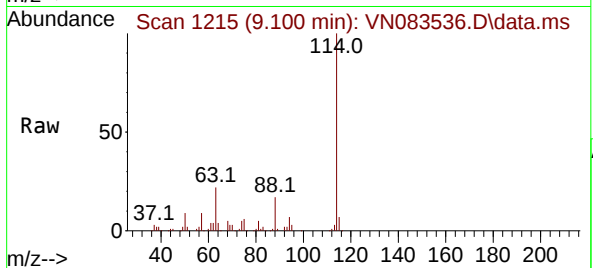
Tgt Ion:114 Resp: 164912

Ion Ratio Lower Upper

114 100

63 22.1 15.9 23.9

88 17.2 12.7 19.1



#41

Bromodichloromethane

Concen: 3.167 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN083536.D

Acq: 28 Aug 2024 15:19

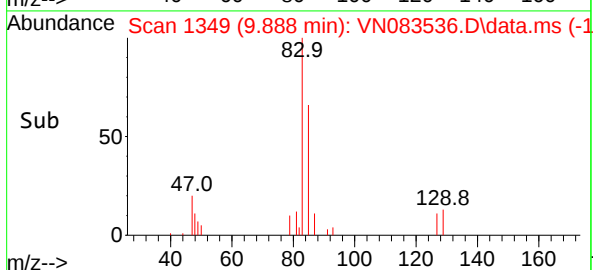
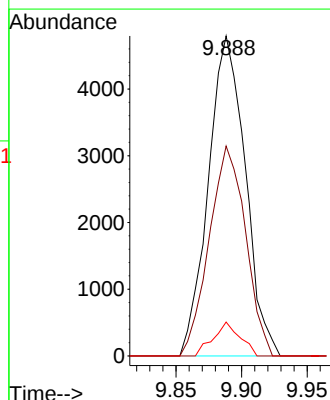
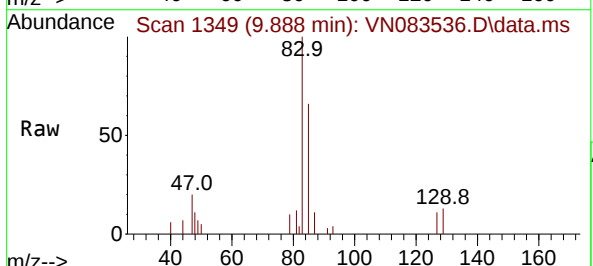
Tgt Ion: 83 Resp: 9378

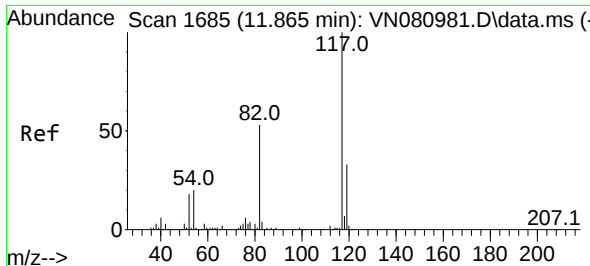
Ion Ratio Lower Upper

83 100

85 65.6 49.4 74.2

127 10.6 7.3 10.9

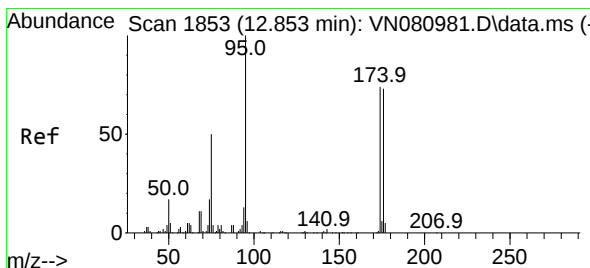
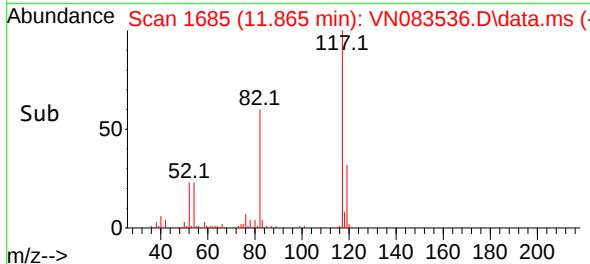
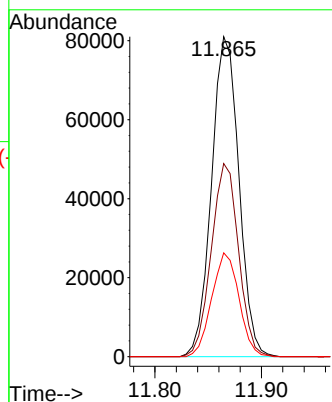
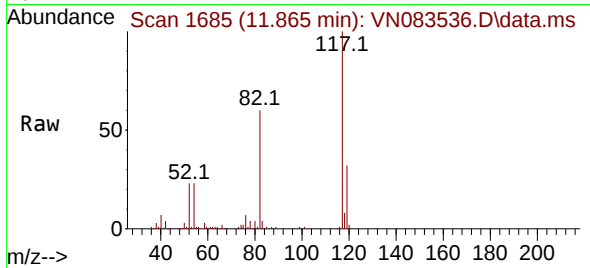




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083536.D
Acq: 28 Aug 2024 15:19

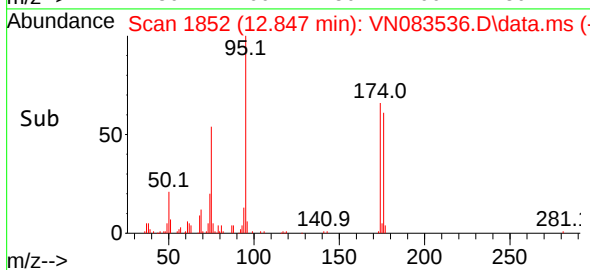
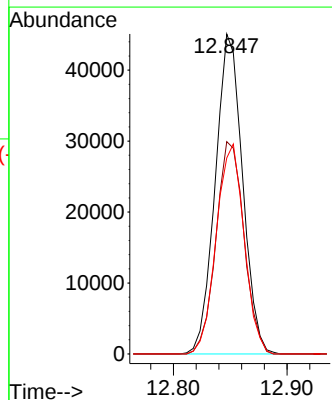
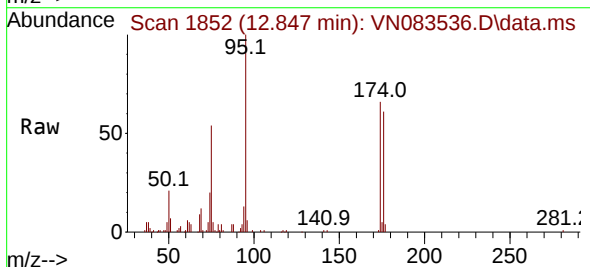
Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(JULY)

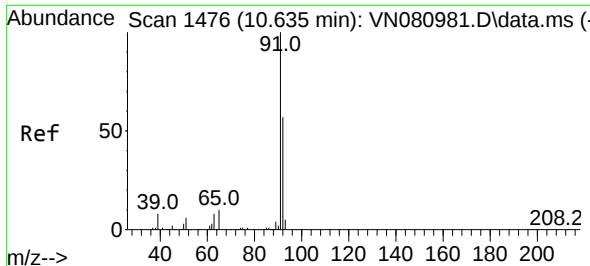
Tgt Ion:117 Resp: 144593
Ion Ratio Lower Upper
117 100
82 60.0 46.6 69.8
119 32.3 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 29.436 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083536.D
Acq: 28 Aug 2024 15:19

Tgt Ion: 95 Resp: 75353
Ion Ratio Lower Upper
95 100
174 68.1 60.5 90.7
176 66.8 57.8 86.6

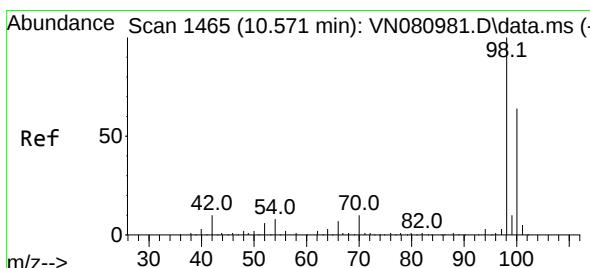
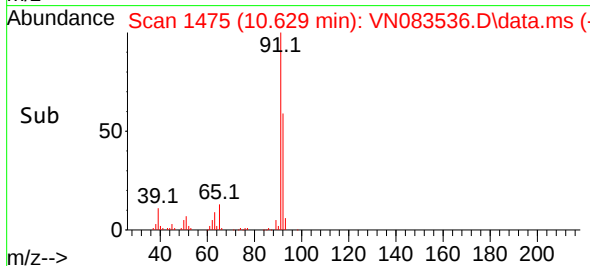
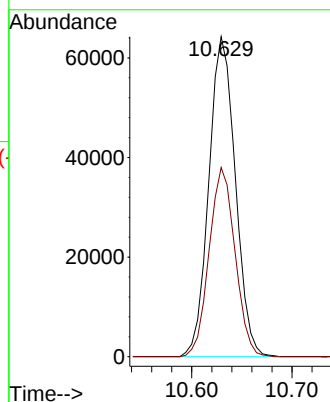
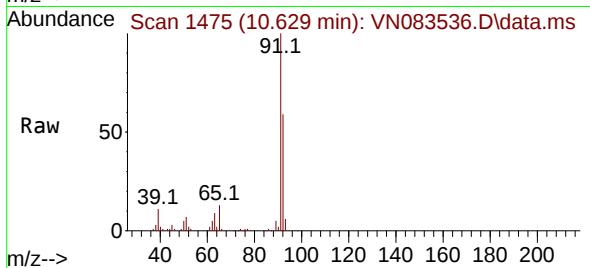




#62
Toluene
Concen: 14.102 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083536.D
Acq: 28 Aug 2024 15:19

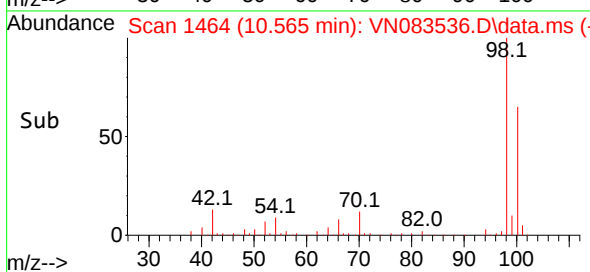
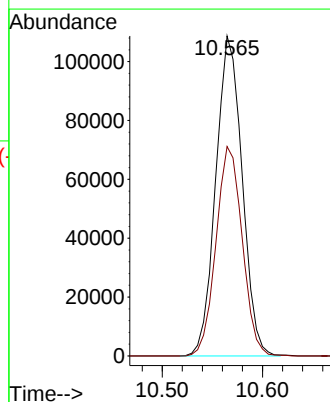
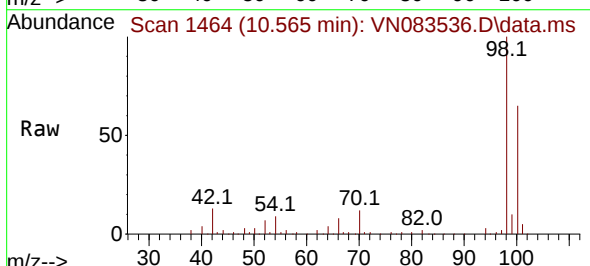
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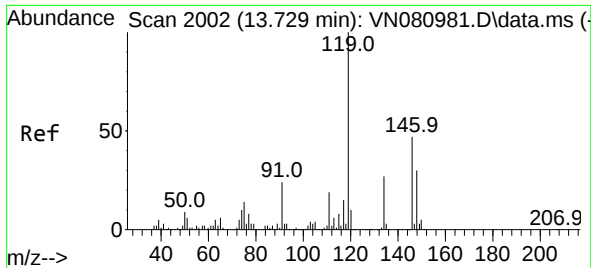
Tgt Ion: 91 Resp: 117947
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7



#63
Toluene-d8
Concen: 29.707 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN083536.D
Acq: 28 Aug 2024 15:19

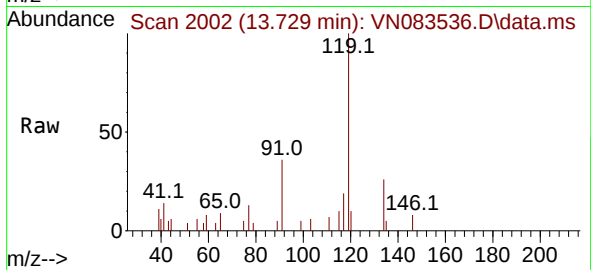
Tgt Ion: 98 Resp: 198306
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





#82
 p-Isopropyltoluene
 Concen: 0.765 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083536.D
 Acq: 28 Aug 2024 15:19

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



Tgt Ion:	119	Resp:	5914
Ion	Ratio	Lower	Upper
119	100		
134	16.9	0.0	49.2
91	27.3	0.0	48.8

