

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087431.D
 Acq On : 28 Jul 2025 14:53
 Operator : JC\MD
 Sample : Q2699-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 28 15:10:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

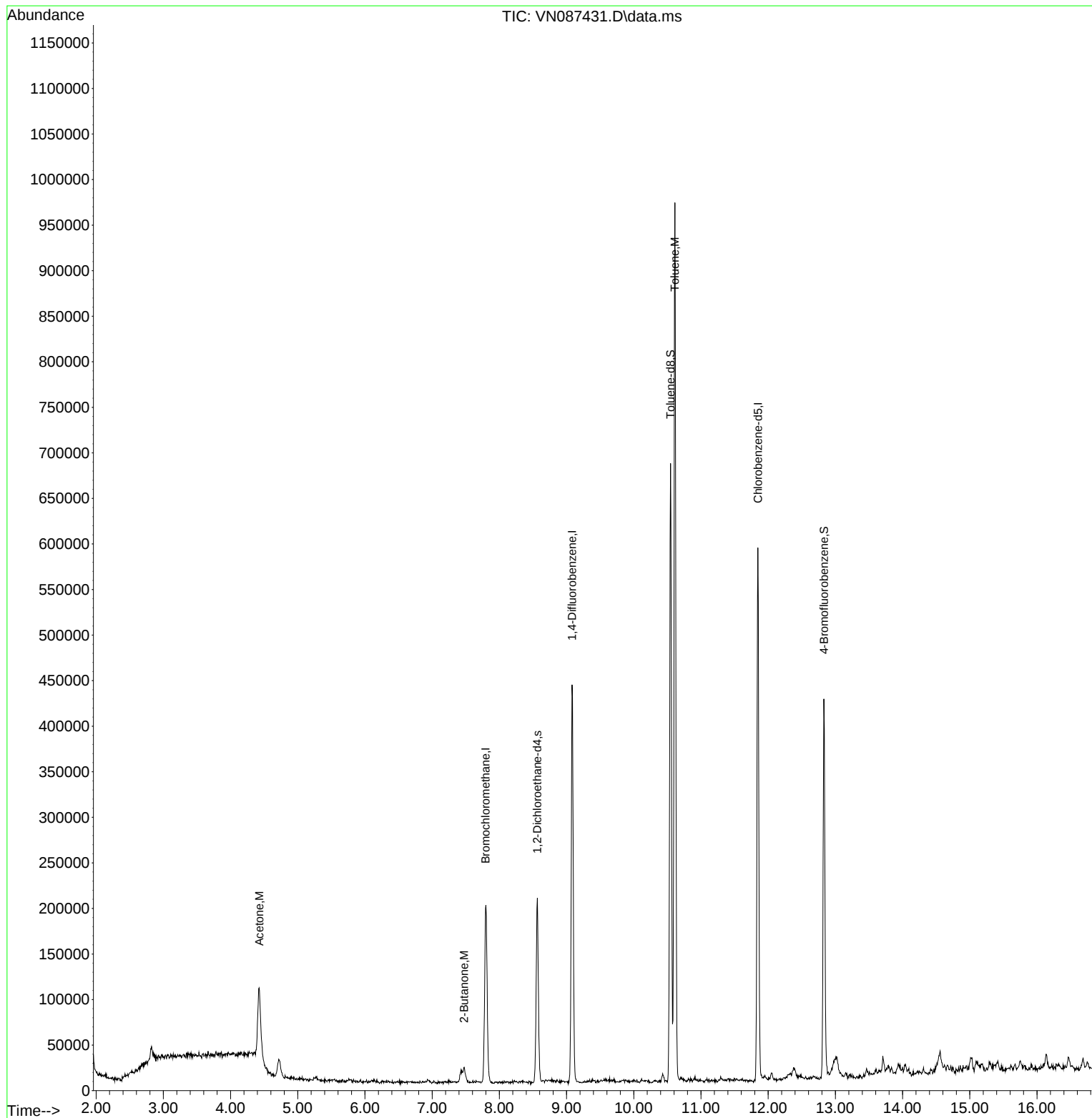
Internal Standards						
1) Bromochloromethane	7.794	128	66855	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	369763	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	330190	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	153468	30.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.067%	
60) 4-Bromofluorobenzene	12.829	95	152645	28.152	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.833%	
63) Toluene-d8	10.547	98	458875	30.261	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.867%	
Target Compounds						
					Qvalue	
15) Acetone	4.430	58	37796	60.306	ug/l	89
30) 2-Butanone	7.477	43	24573	6.461	ug/l #	96
62) Toluene	10.612	91	717288	38.492	ug/l	99

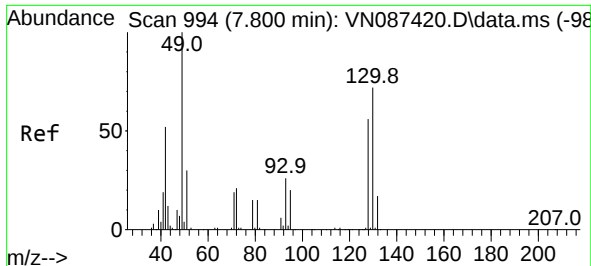
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
Data File : VN087431.D
Acq On : 28 Jul 2025 14:53
Operator : JC\MD
Sample : Q2699-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 28 15:10:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

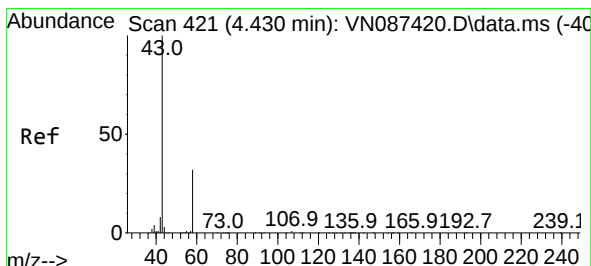
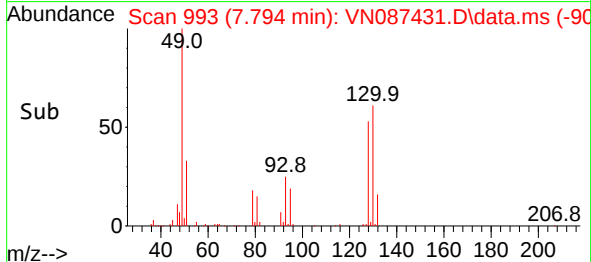
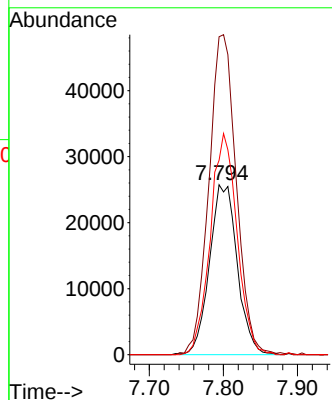
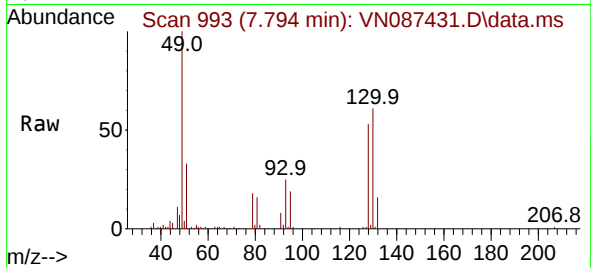




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

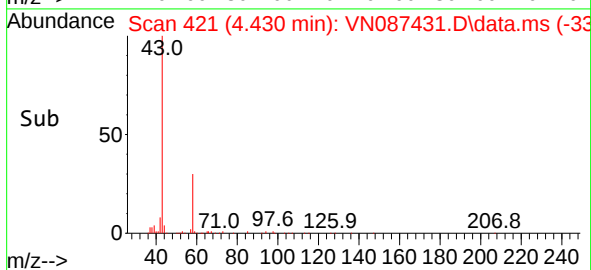
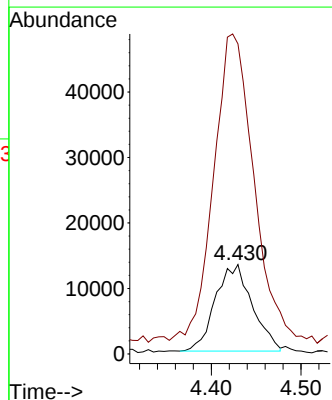
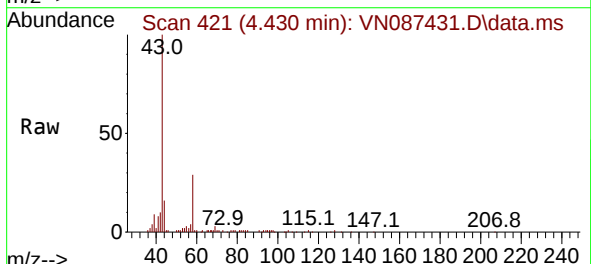
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

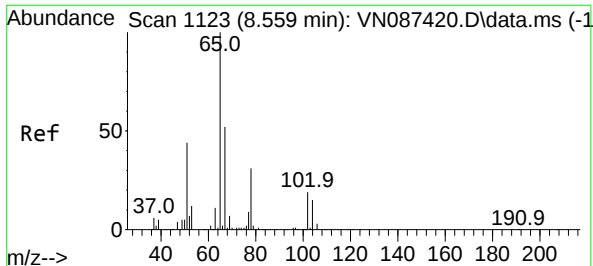
Tgt Ion:128 Resp: 66855
Ion Ratio Lower Upper
128 100
49 186.3 0.0 457.3
130 125.9 0.0 316.0



#15
Acetone
Concen: 60.306 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion: 58 Resp: 37796
Ion Ratio Lower Upper
58 100
43 332.2 248.4 372.6





#27

1,2-Dichloroethane-d4

Concen: 30.019 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087431.D

Acq: 28 Jul 2025 14:53

Instrument :

MSVOA_N

ClientSampleId :

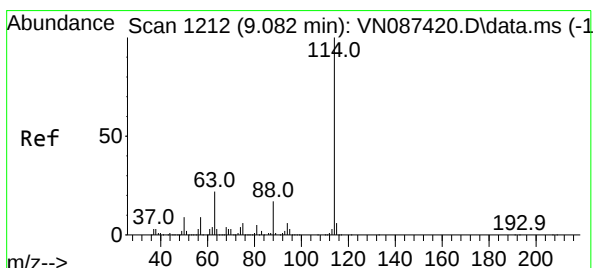
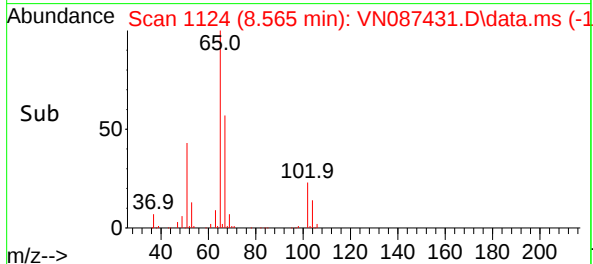
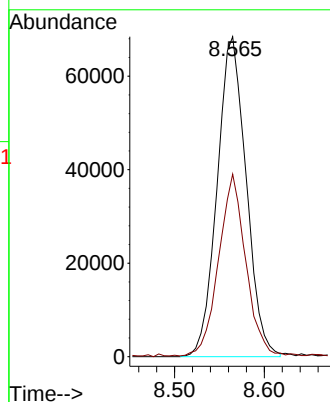
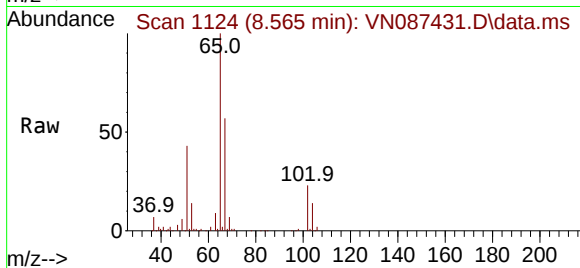
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 65 Resp: 153468

Ion Ratio Lower Upper

65 100

67 53.6 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087431.D

Acq: 28 Jul 2025 14:53

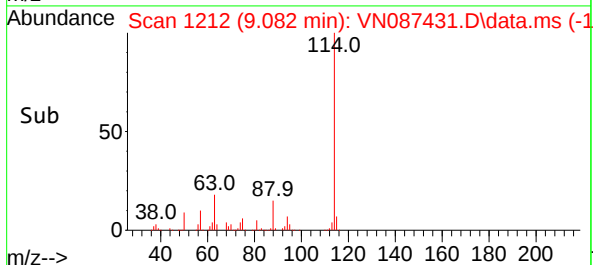
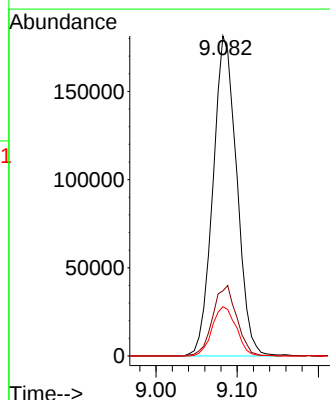
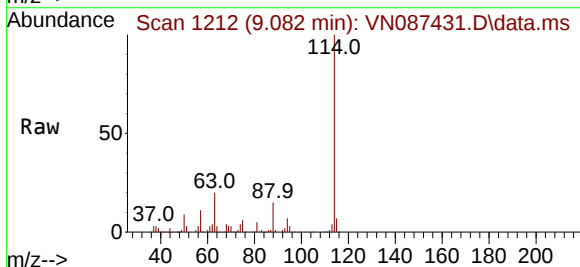
Tgt Ion: 114 Resp: 369763

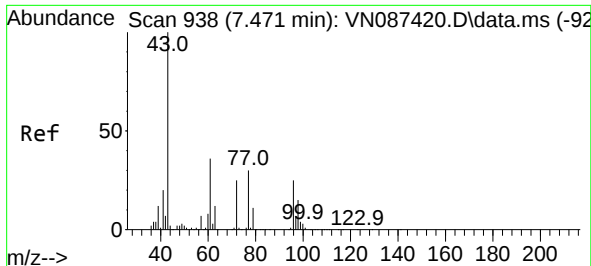
Ion Ratio Lower Upper

114 100

63 22.2 17.8 26.6

88 15.6 13.0 19.4

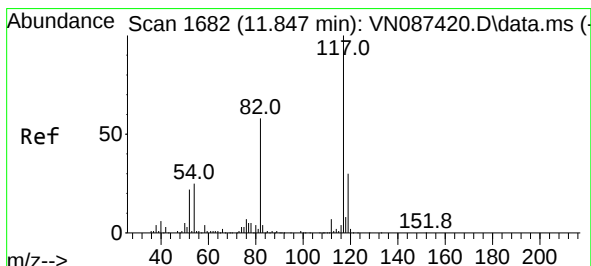
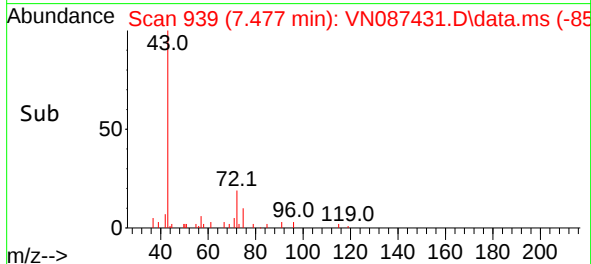
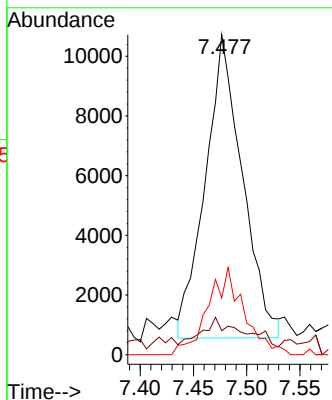
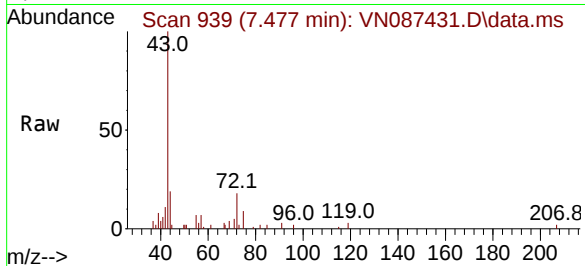




#30
2-Butanone
Concen: 6.461 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

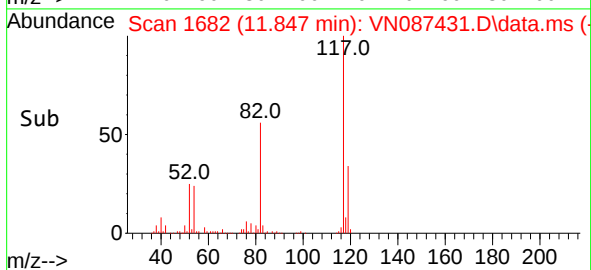
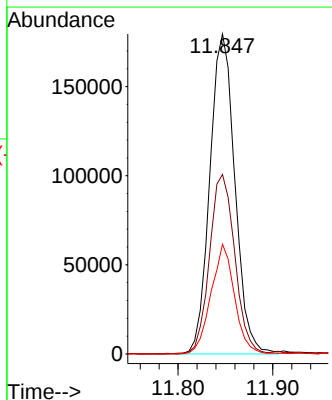
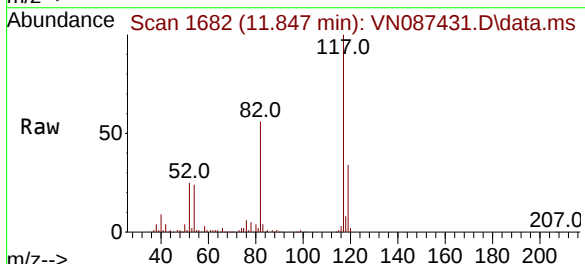
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

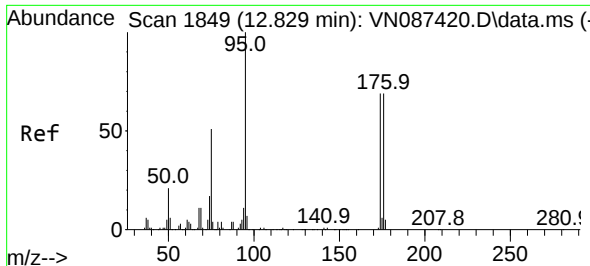
Tgt Ion: 43 Resp: 24573
Ion Ratio Lower Upper
43 100
57 5.5 6.0 9.0#
72 27.3 20.3 30.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion: 117 Resp: 330190
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.1 25.7 38.5

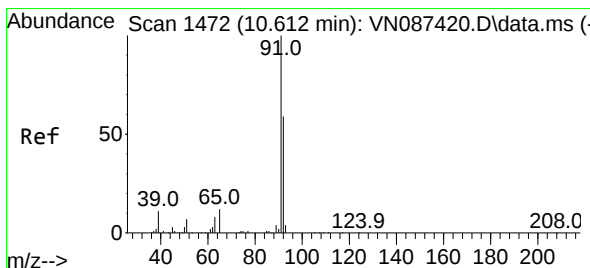
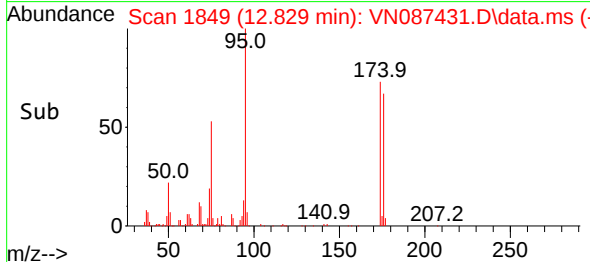
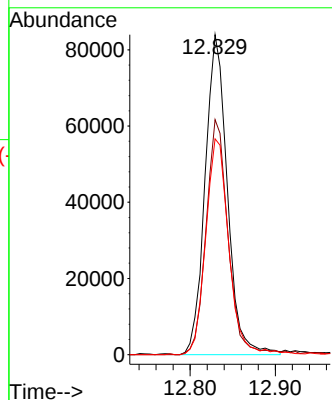
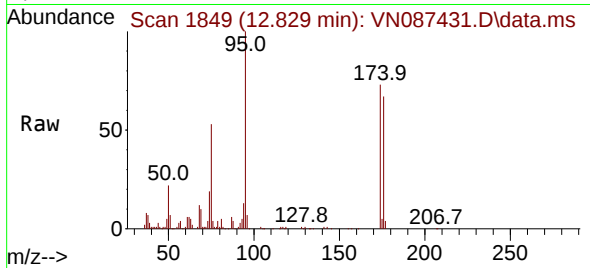




#60
4-Bromofluorobenzene
Concen: 28.152 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

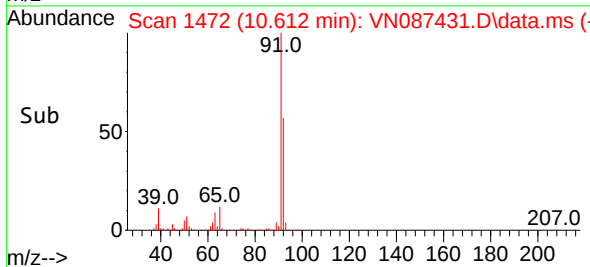
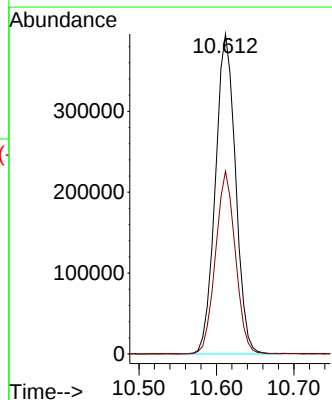
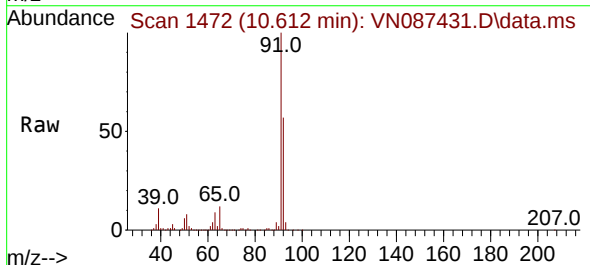
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

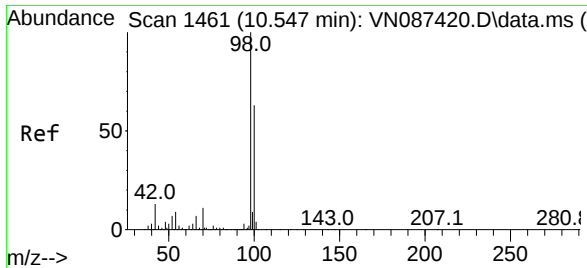
Tgt Ion: 95 Resp: 152645
Ion Ratio Lower Upper
95 100
174 71.6 57.8 86.8
176 69.7 54.9 82.3



#62
Toluene
Concen: 38.492 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087431.D
Acq: 28 Jul 2025 14:53

Tgt Ion: 91 Resp: 717288
Ion Ratio Lower Upper
91 100
92 56.3 45.6 68.4





#63

Toluene-d8

Concen: 30.261 ug/l

RT: 10.547 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN087431.D

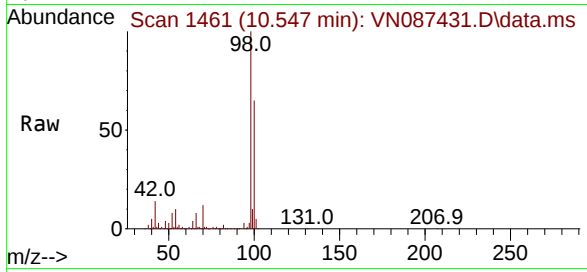
Acq: 28 Jul 2025 14:53

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)DL



Tgt Ion: 98 Resp: 458875

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1

