

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087174.D
 Acq On : 25 Jun 2025 13:54
 Operator : JC\MD
 Sample : Q2349-01DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 25 15:31:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

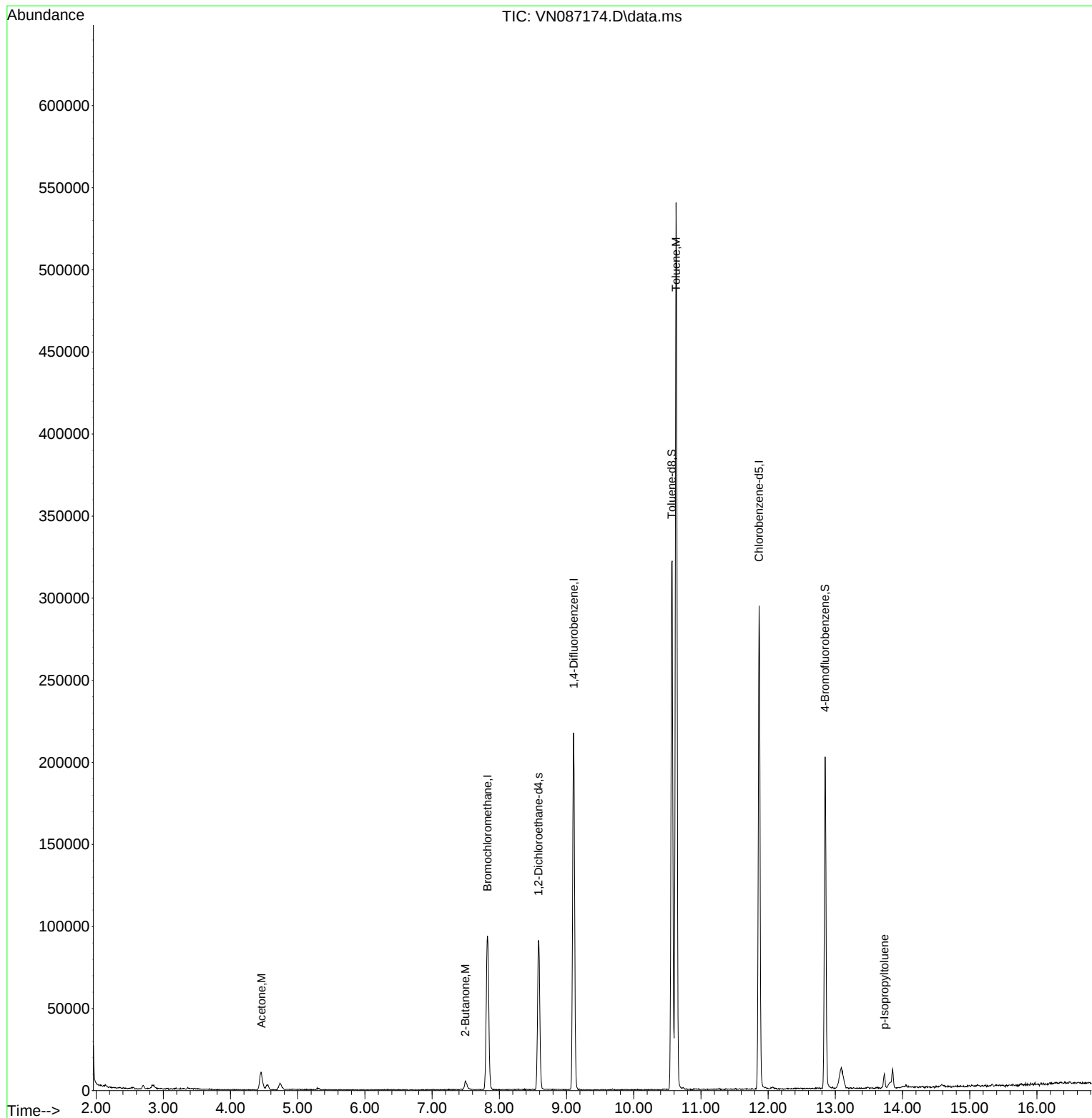
Internal Standards						
1) Bromochloromethane	7.824	128	36259	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	194067	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	178157	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	76877	28.140	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.800%
60) 4-Bromofluorobenzene	12.847	95	79063	28.759	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.867%
63) Toluene-d8	10.565	98	231690	28.964	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.533%
Target Compounds						
					Qvalue	
15) Acetone	4.459	58	7024	14.984	ug/l	88
30) 2-Butanone	7.494	43	9517	4.664	ug/l #	83
62) Toluene	10.630	91	424159	42.154	ug/l	99
82) p-Isopropyltoluene	13.729	119	5347	0.644	ug/l	98

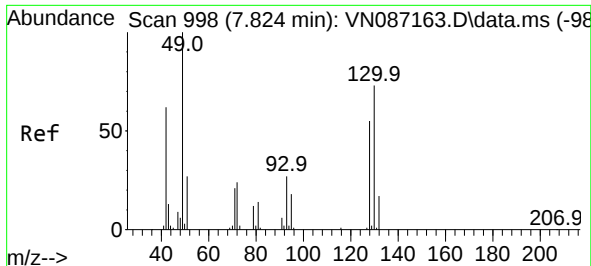
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
Data File : VN087174.D
Acq On : 25 Jun 2025 13:54
Operator : JC\MD
Sample : Q2349-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 25 15:31:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

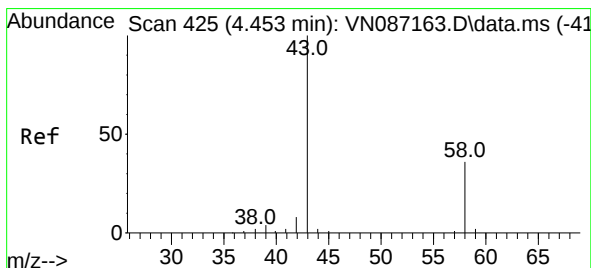
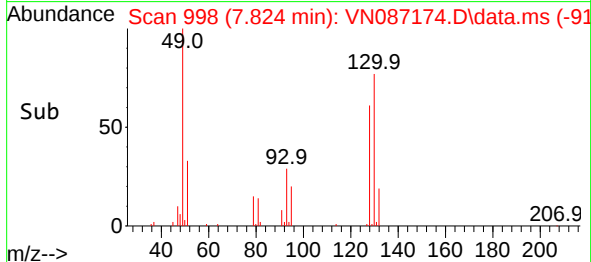
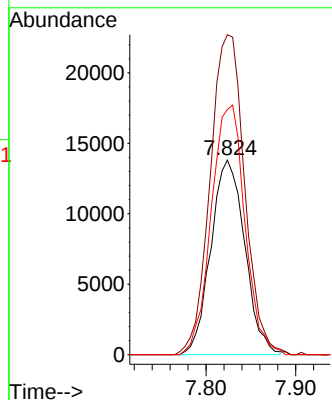
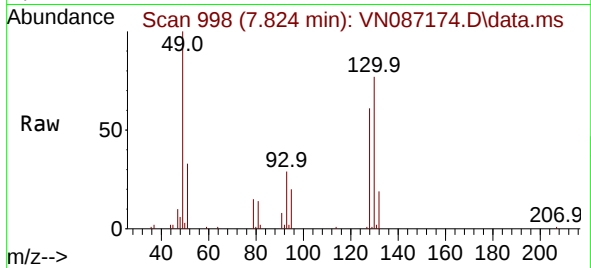




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

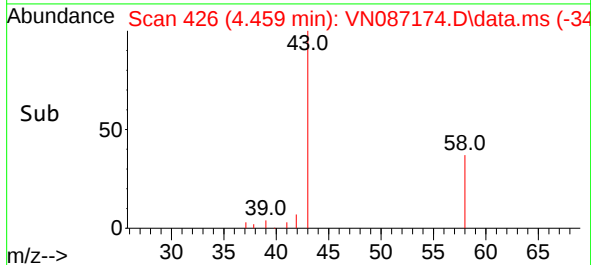
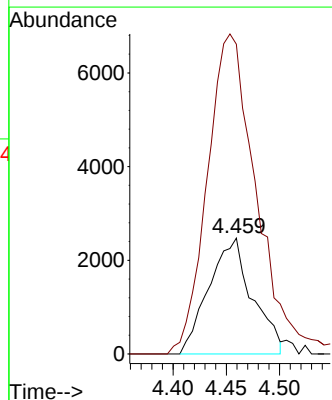
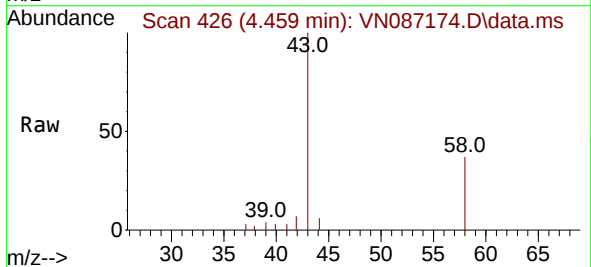
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

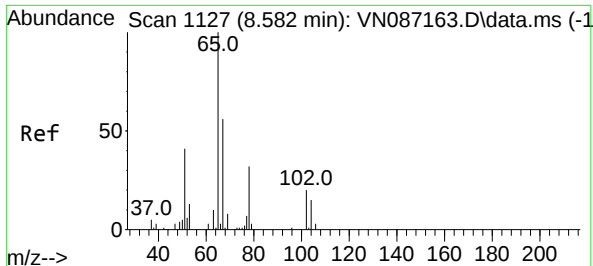
Tgt Ion:128 Resp: 36259
Ion Ratio Lower Upper
128 100
49 167.1 0.0 450.5
130 127.5 0.0 320.7



#15
Acetone
Concen: 14.984 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 58 Resp: 7024
Ion Ratio Lower Upper
58 100
43 257.4 224.3 336.5

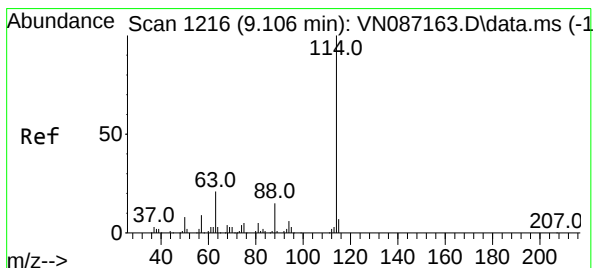
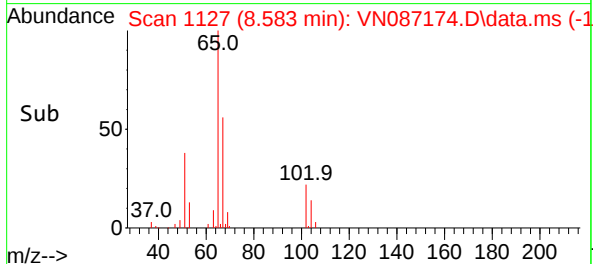
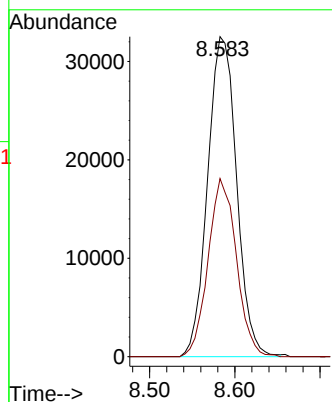
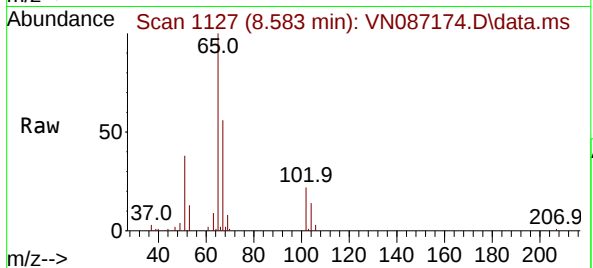




#27
1,2-Dichloroethane-d4
Concen: 28.140 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

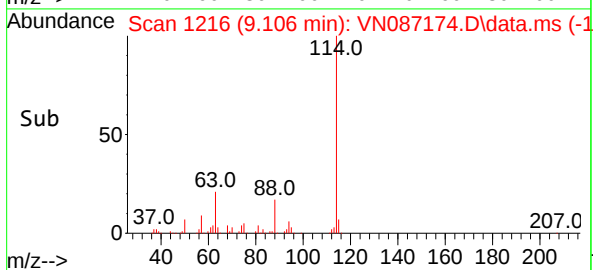
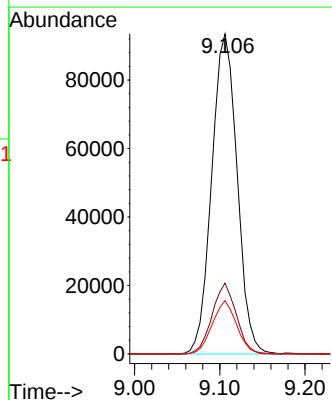
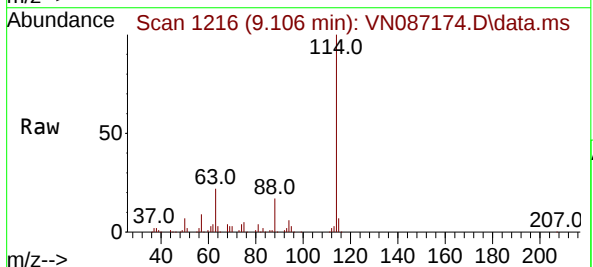
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

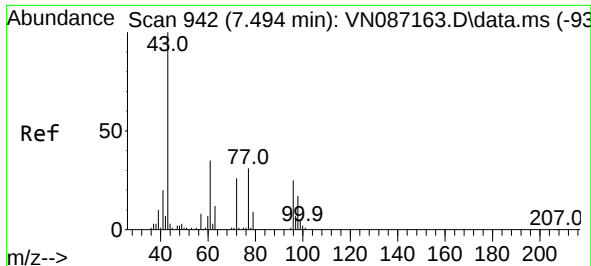
Tgt Ion: 65 Resp: 76877
Ion Ratio Lower Upper
65 100
67 54.2 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 114 Resp: 194067
Ion Ratio Lower Upper
114 100
63 21.0 17.0 25.4
88 15.9 12.6 19.0

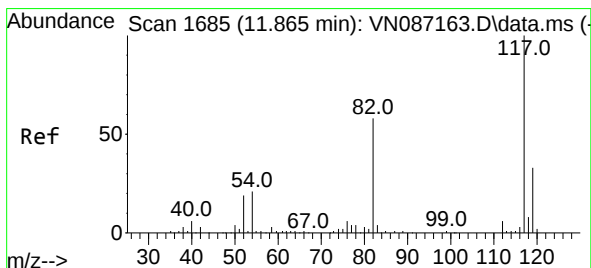
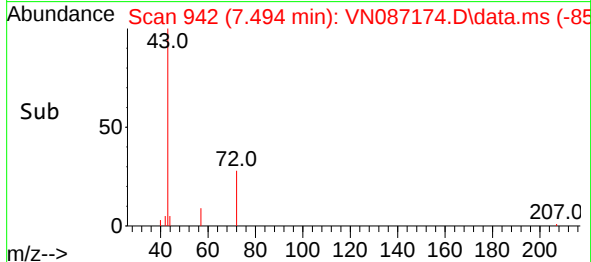
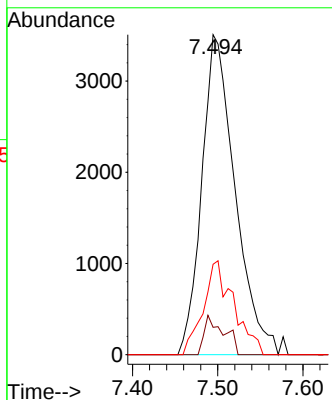
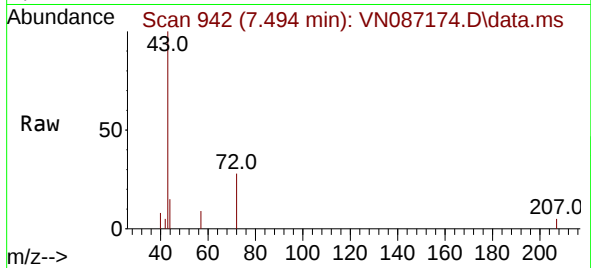




#30
2-Butanone
Concen: 4.664 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

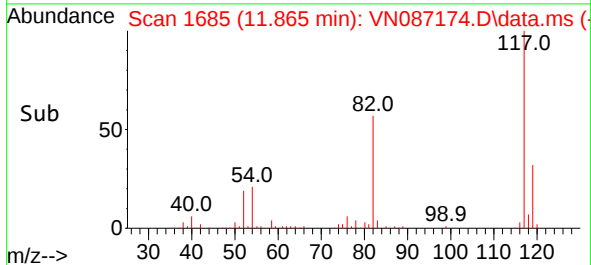
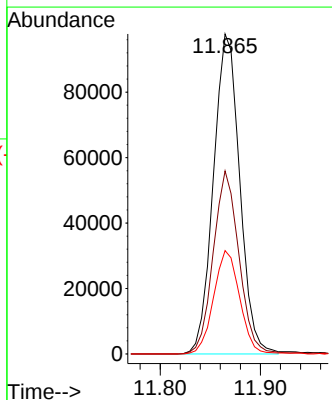
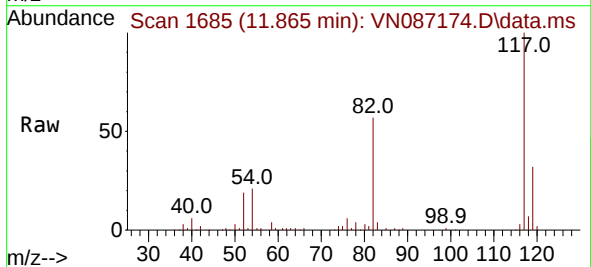
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

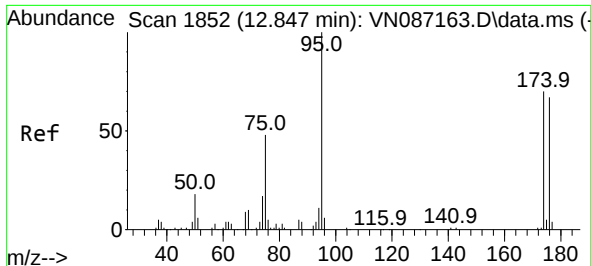
Tgt Ion: 43 Resp: 9517
Ion Ratio Lower Upper
43 100
57 5.3 6.3 9.5#
72 16.9 21.8 32.6#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 117 Resp: 178157
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 32.0 26.2 39.4

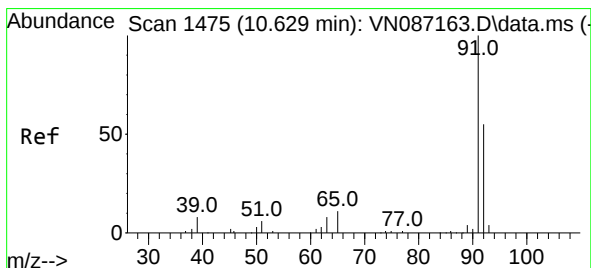
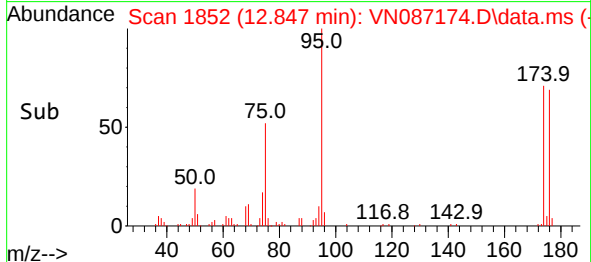
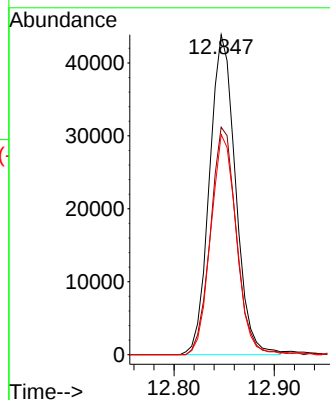
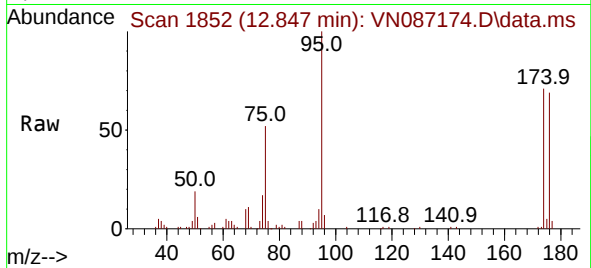




#60
4-Bromofluorobenzene
Concen: 28.759 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

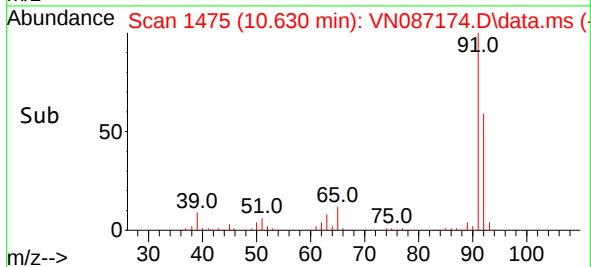
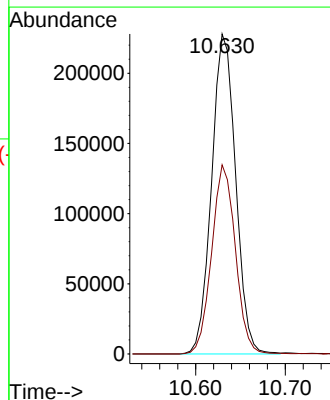
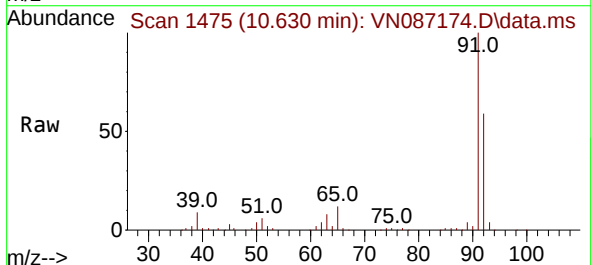
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

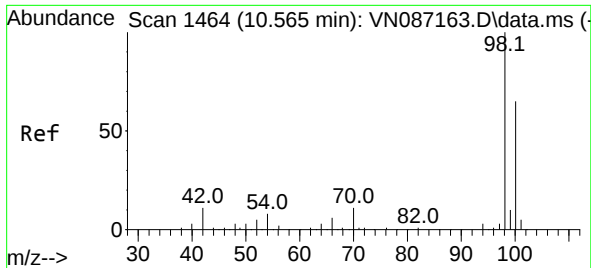
Tgt Ion: 95 Resp: 79063
Ion Ratio Lower Upper
95 100
174 70.8 54.5 81.7
176 68.2 51.9 77.9



#62
Toluene
Concen: 42.154 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 91 Resp: 424159
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.8

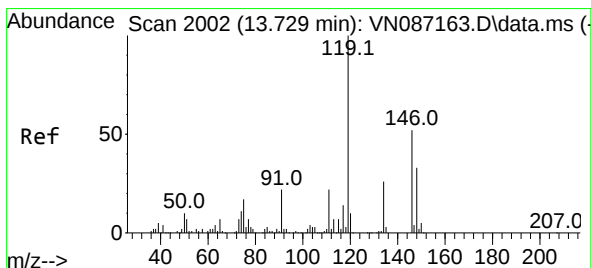
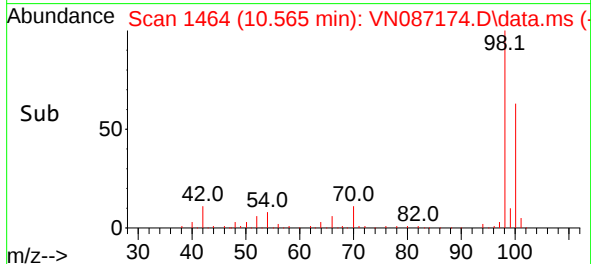
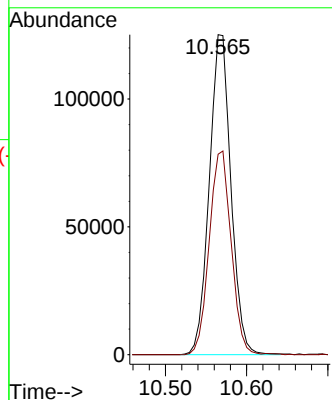
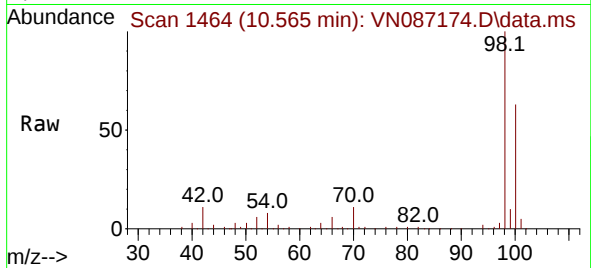




#63
Toluene-d8
Concen: 28.964 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

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

Tgt Ion: 98 Resp: 231690
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#82
p-Isopropyltoluene
Concen: 0.644 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087174.D
Acq: 25 Jun 2025 13:54

Tgt Ion: 119 Resp: 5347
Ion Ratio Lower Upper
119 100
134 24.3 0.0 51.2
91 24.1 0.0 46.4

