

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087357.D
 Acq On : 18 Jul 2025 11:51
 Operator : JC\MD
 Sample : Q2630-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 Willets Pt Blvd (June)

Quant Time: Jul 18 12:15:43 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)

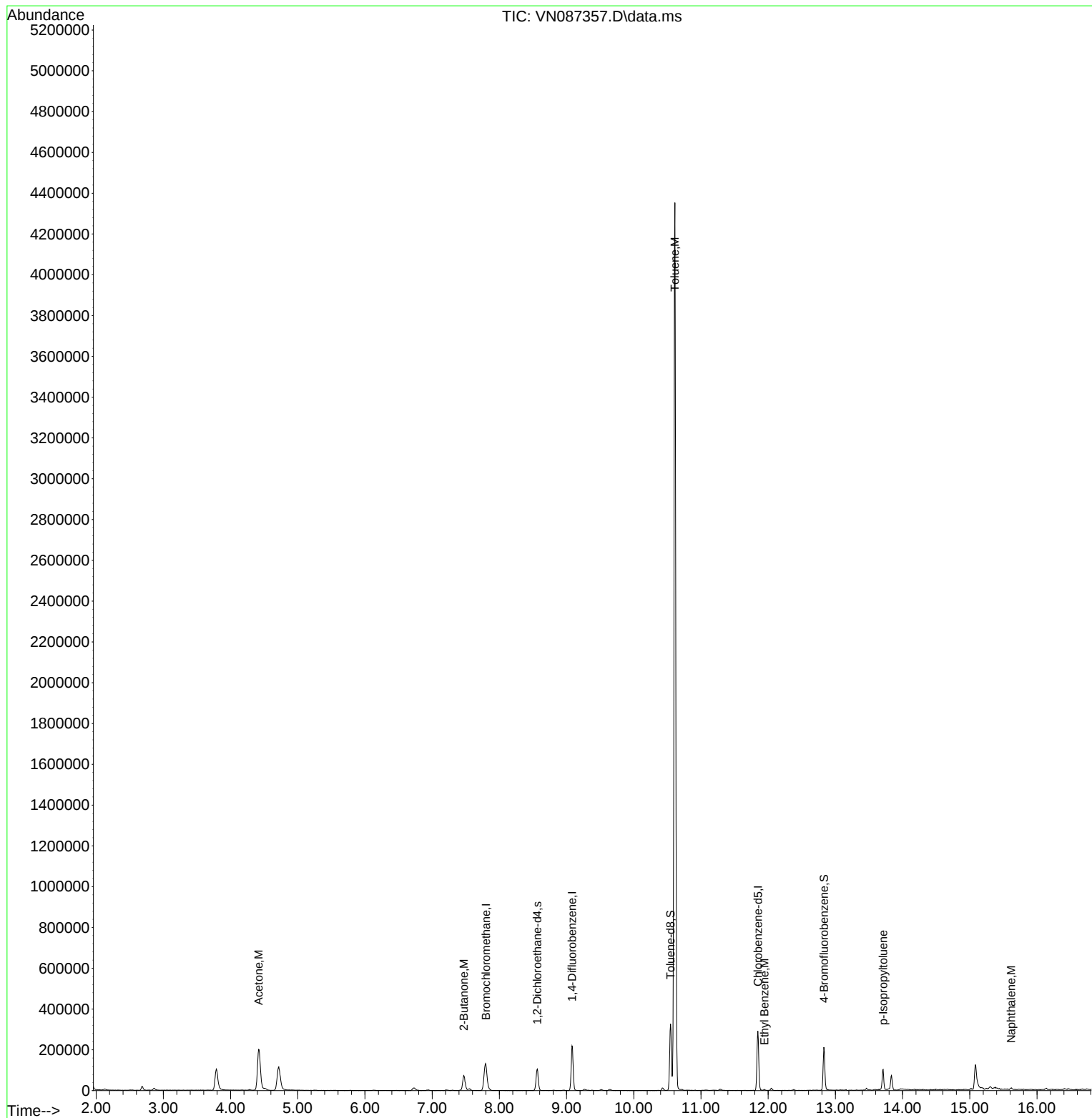
Internal Standards						
1) Bromochloromethane	7.800	128	36588	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.082	114	185825	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	168228	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	88806	32.214	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.367%
60) 4-Bromofluorobenzene	12.829	95	76262	29.377	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.933%
63) Toluene-d8	10.547	98	221749	29.357	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.867%
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	122722	259.445	ug/l	83
30) 2-Butanone	7.471	43	123087	63.000	ug/l #	77
62) Toluene	10.612	91	3247788	341.828	ug/l	98
66) Ethyl Benzene	11.947	91	3283	0.316	ug/l	96
82) p-Isopropyltoluene	13.712	119	53649	6.844	ug/l	96
91) Naphthalene	15.617	128	7793	0.839	ug/l #	93

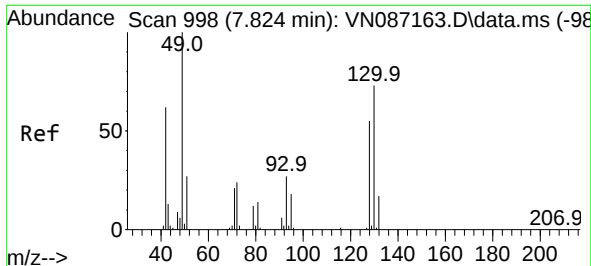
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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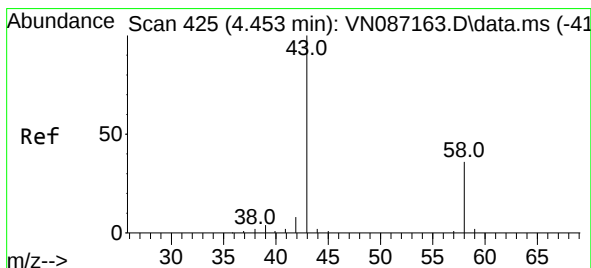
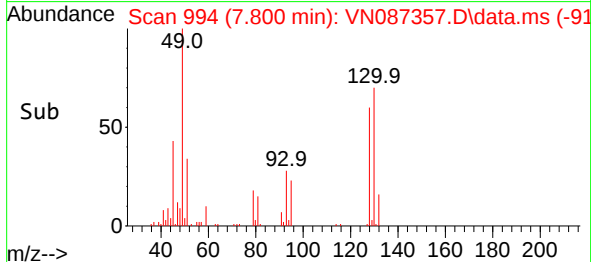
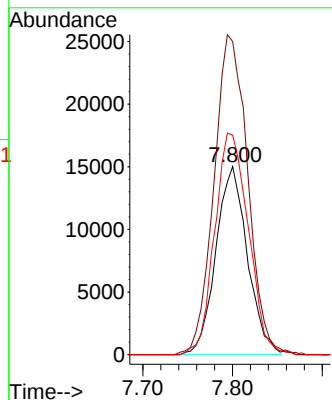
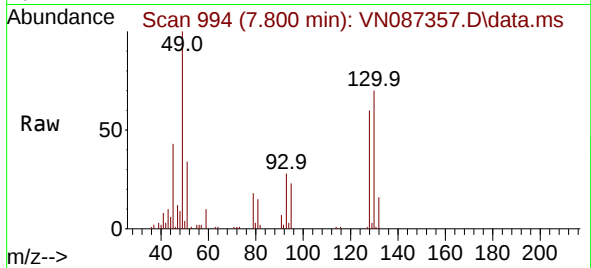




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

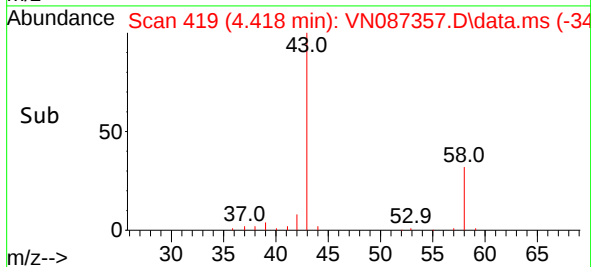
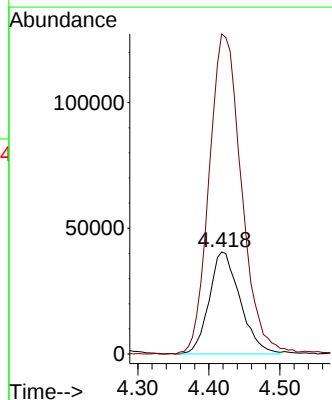
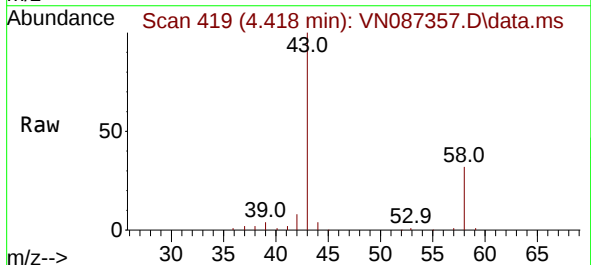
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (June)

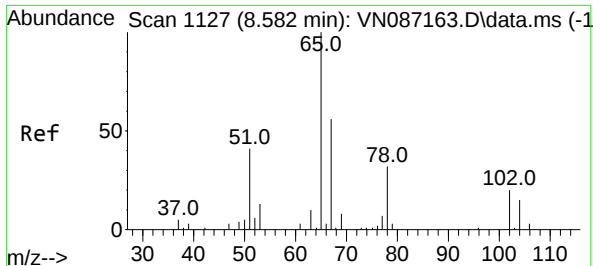
Tgt Ion:128 Resp: 36588
Ion Ratio Lower Upper
128 100
49 181.8 0.0 450.5
130 126.3 0.0 320.7



#15
Acetone
Concen: 259.445 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.035 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

Tgt Ion: 58 Resp: 122722
Ion Ratio Lower Upper
58 100
43 312.3 224.3 336.5





#27

1,2-Dichloroethane-d4

Concen: 32.214 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.018 min

Lab File: VN087357.D

Acq: 18 Jul 2025 11:51

Instrument :

MSVOA_N

ClientSampleId :

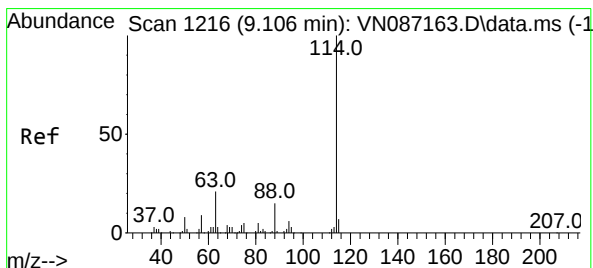
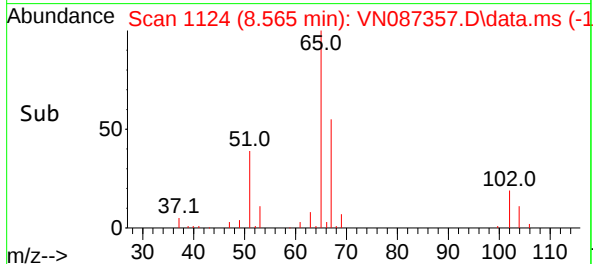
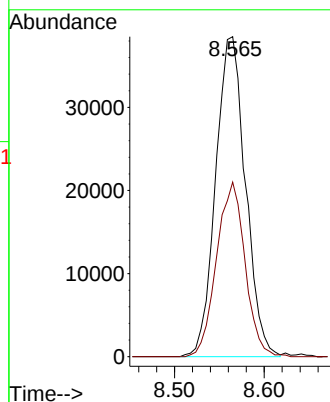
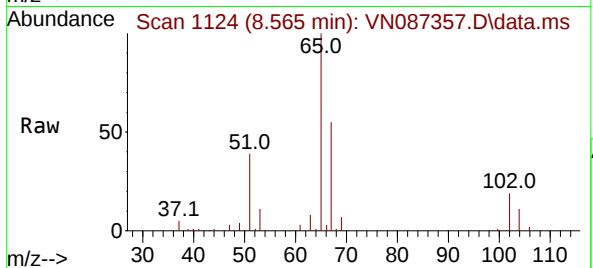
001 Willets Pt Blvd (June)

Tgt Ion: 65 Resp: 88806

Ion Ratio Lower Upper

65 100

67 52.0 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.024 min

Lab File: VN087357.D

Acq: 18 Jul 2025 11:51

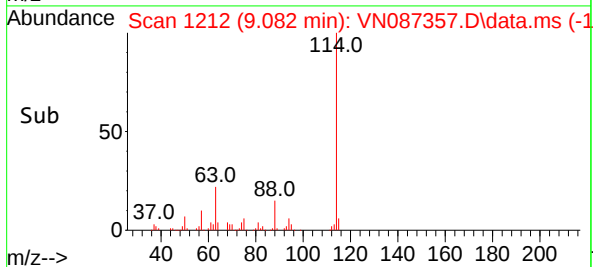
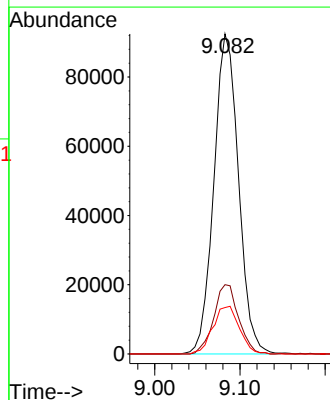
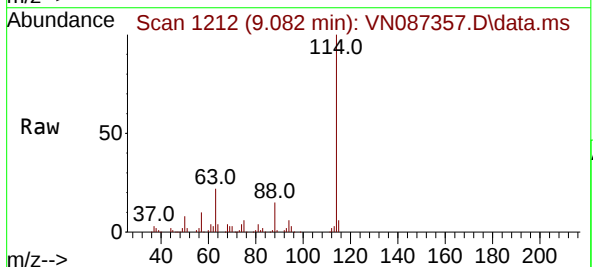
Tgt Ion: 114 Resp: 185825

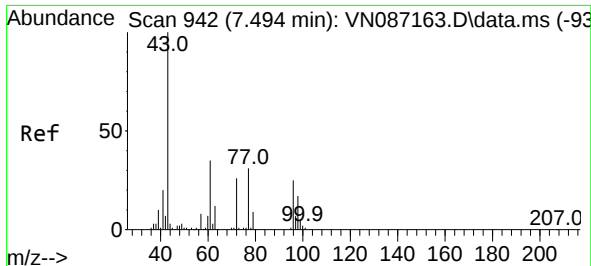
Ion Ratio Lower Upper

114 100

63 21.8 17.0 25.4

88 16.1 12.6 19.0

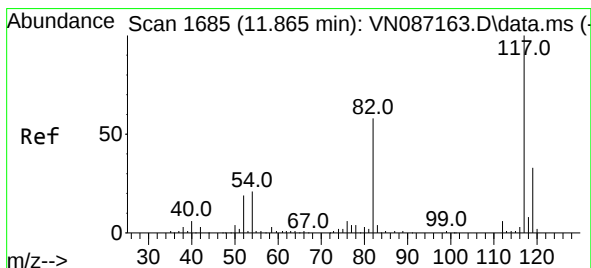
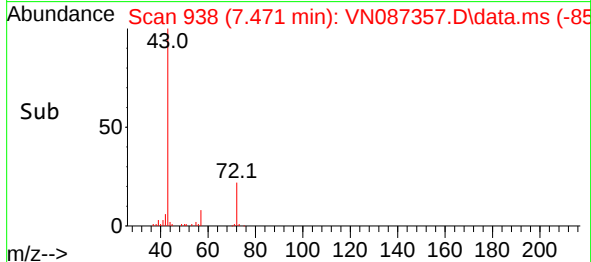
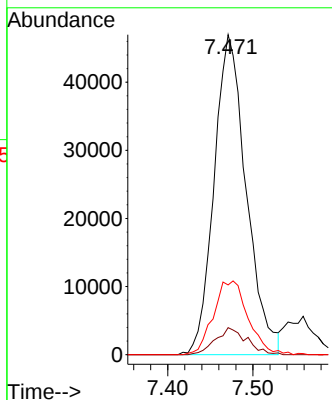
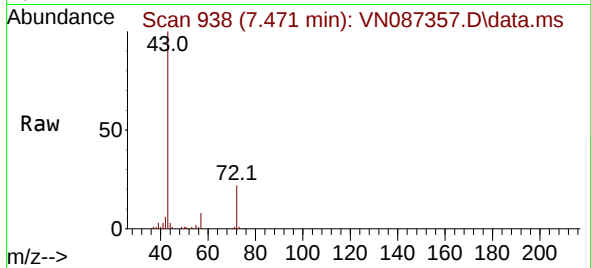




#30
2-Butanone
Concen: 63.000 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

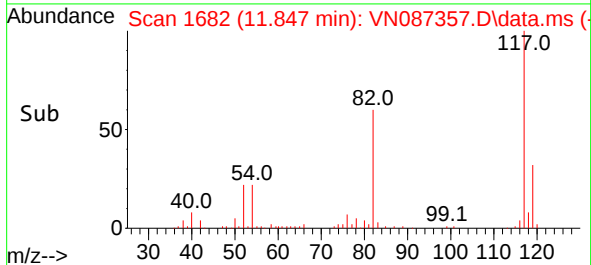
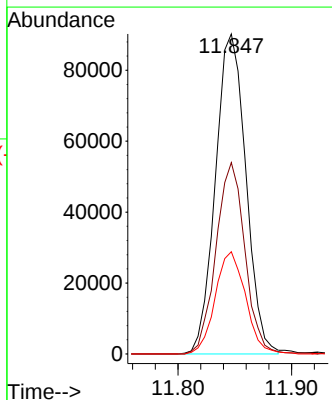
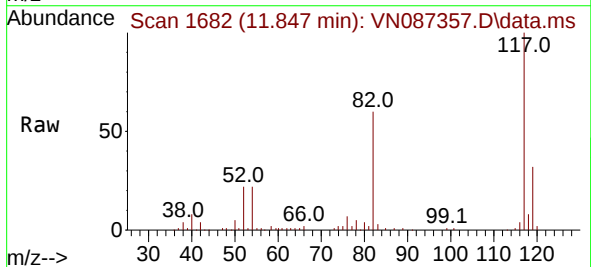
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (June)

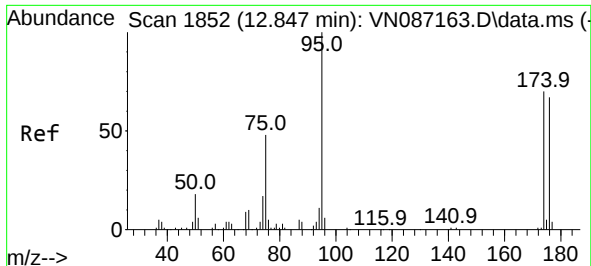
Tgt Ion: 43 Resp: 123087
Ion Ratio Lower Upper
43 100
57 8.1 6.3 9.5
72 12.1 21.8 32.6#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

Tgt Ion: 117 Resp: 168228
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.9 26.2 39.4

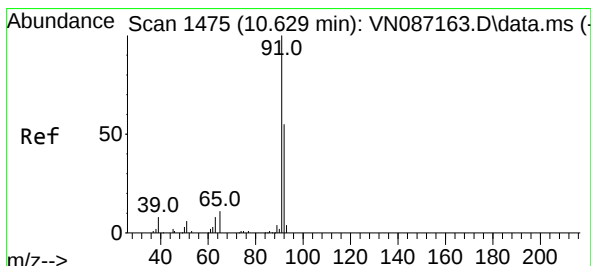
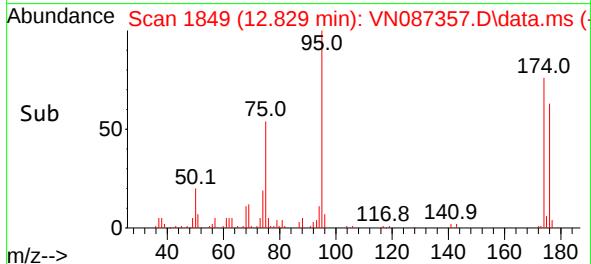
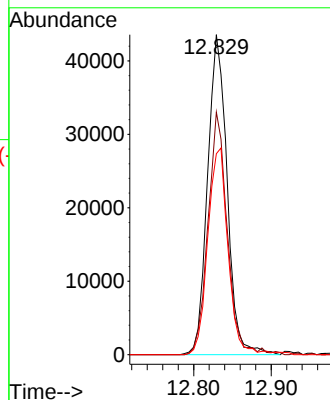
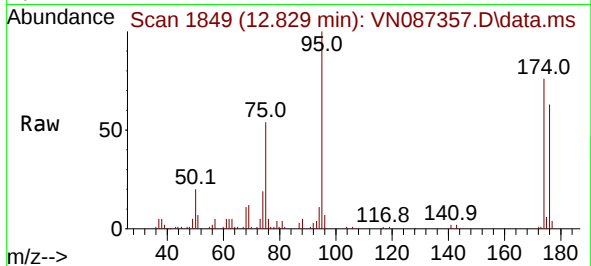




#60
4-Bromofluorobenzene
Concen: 29.377 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

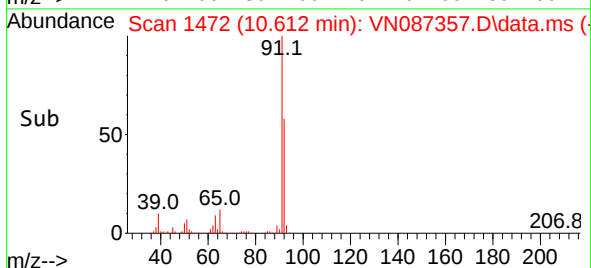
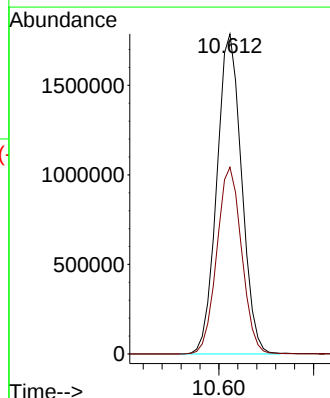
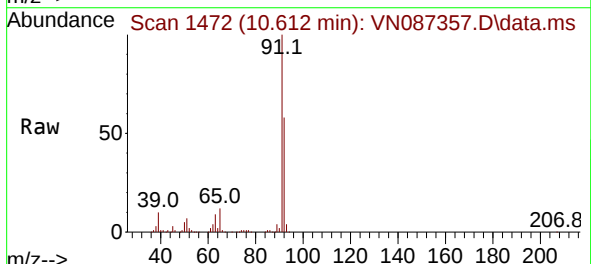
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (June)

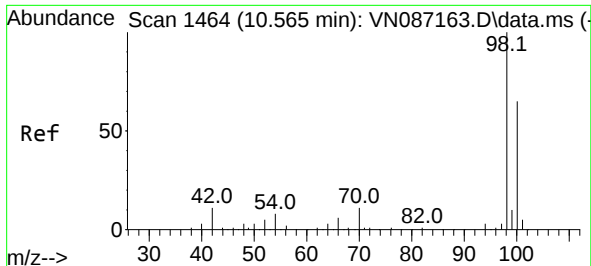
Tgt Ion: 95 Resp: 76262
Ion Ratio Lower Upper
95 100
174 73.4 54.5 81.7
176 66.4 51.9 77.9



#62
Toluene
Concen: 341.828 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

Tgt Ion: 91 Resp: 3247788
Ion Ratio Lower Upper
91 100
92 58.5 45.8 68.8

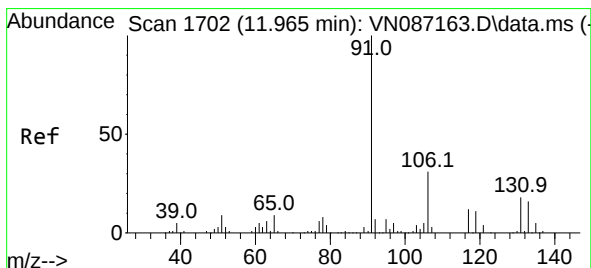
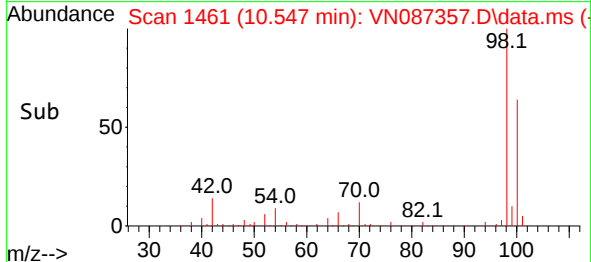
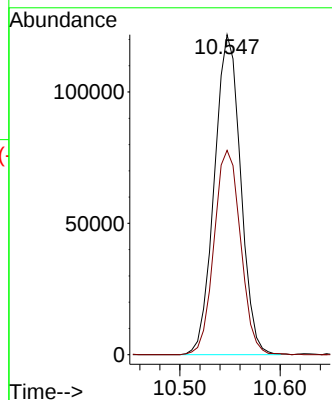
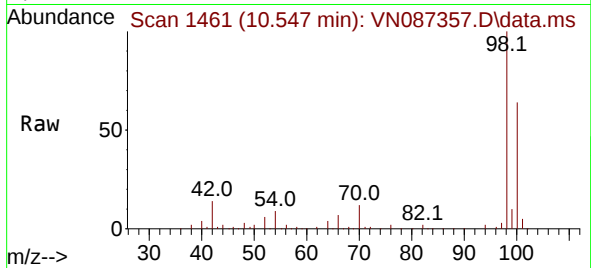




#63
Toluene-d8
Concen: 29.357 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

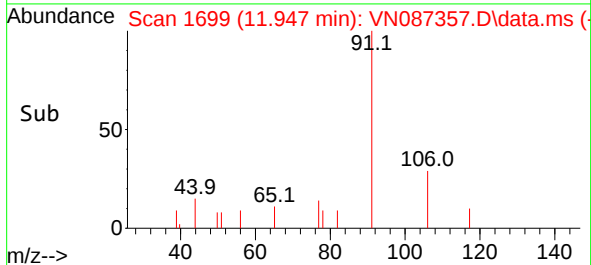
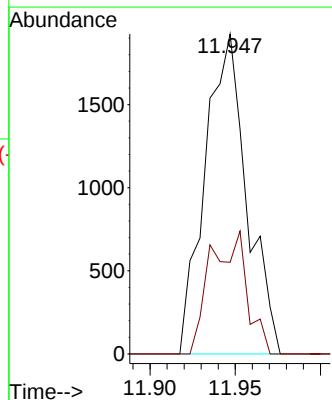
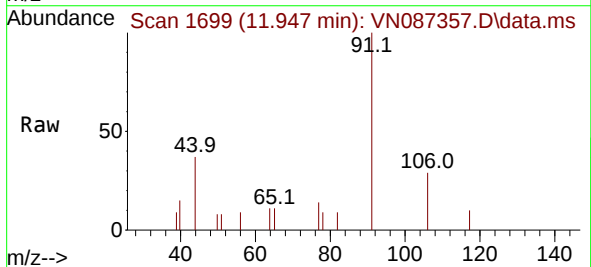
Instrument :
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ClientSampleId :
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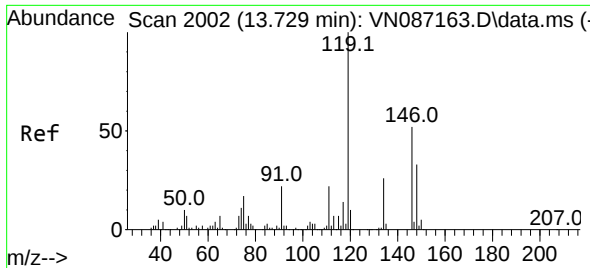
Tgt Ion: 98 Resp: 221749
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#66
Ethyl Benzene
Concen: 0.316 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

Tgt Ion: 91 Resp: 3283
Ion Ratio Lower Upper
91 100
106 28.6 24.8 37.2

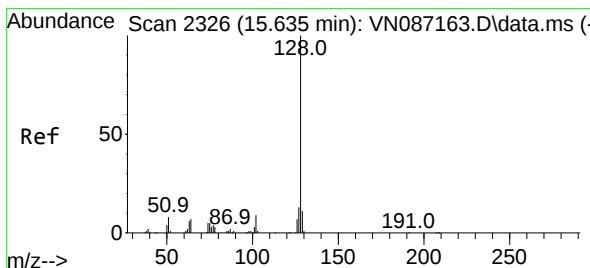
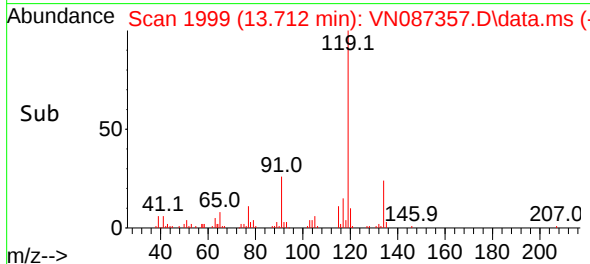
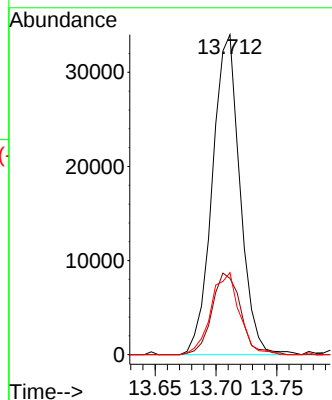
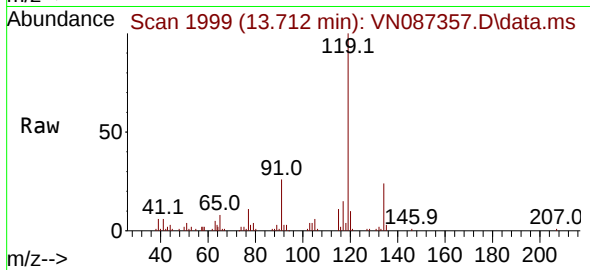




#82
p-Isopropyltoluene
Concen: 6.844 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

Instrument :
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ClientSampleId :
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Tgt Ion:119 Resp: 53649
Ion Ratio Lower Upper
119 100
134 26.6 0.0 51.2
91 26.3 0.0 46.4



#91
Naphthalene
Concen: 0.839 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. -0.018 min
Lab File: VN087357.D
Acq: 18 Jul 2025 11:51

Tgt Ion:128 Resp: 7793
Ion Ratio Lower Upper
128 100
127 8.7 10.6 15.8#
129 10.2 8.8 13.2

