

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
 Data File : VN088467.D
 Acq On : 05 Dec 2025 10:59
 Operator : JC\MD
 Sample : Q3760-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 05 23:38:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

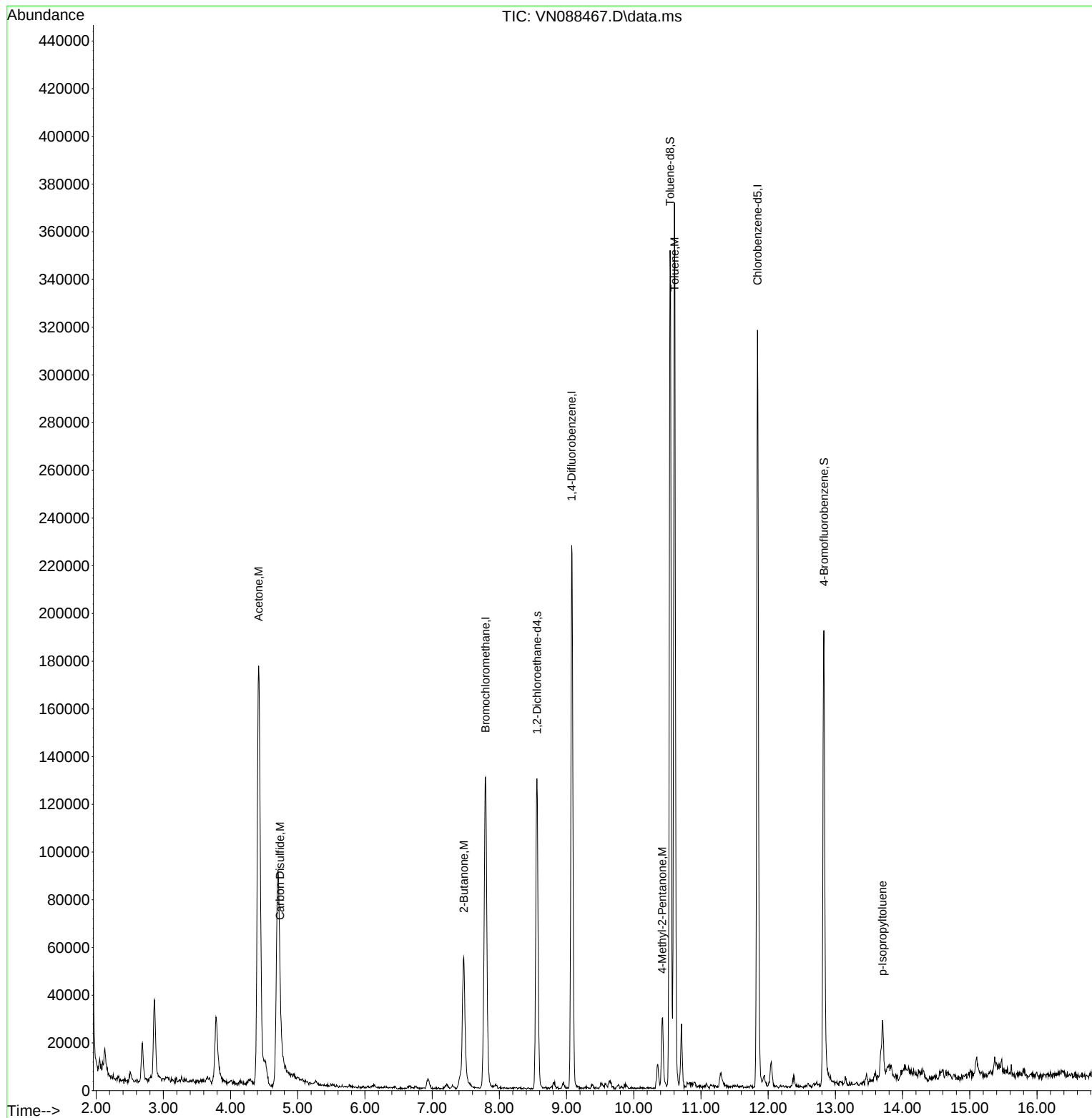
Internal Standards						
1) Bromochloromethane	7.794	128	39477	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.076	114	181676	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	165639	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	113370	31.439	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.800%
60) 4-Bromofluorobenzene	12.829	95	71876	25.670	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.567%
63) Toluene-d8	10.541	98	236619	30.173	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	102370	219.978	ug/l	91
16) Carbon Disulfide	4.735	76	33362	4.557	ug/l	97
30) 2-Butanone	7.471	43	96965	49.450	ug/l #	95
58) 4-Methyl-2-Pentanone	10.423	43	23369	6.238	ug/l	95
62) Toluene	10.606	91	266923	28.081	ug/l	98
82) p-Isopropyltoluene	13.700	119	11419	1.346	ug/l	95

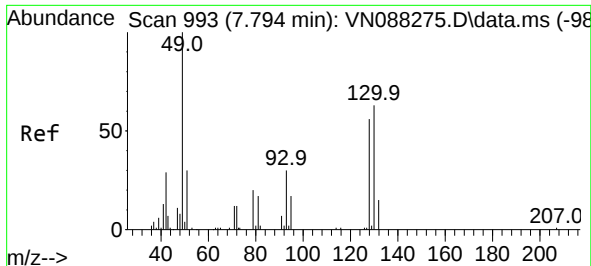
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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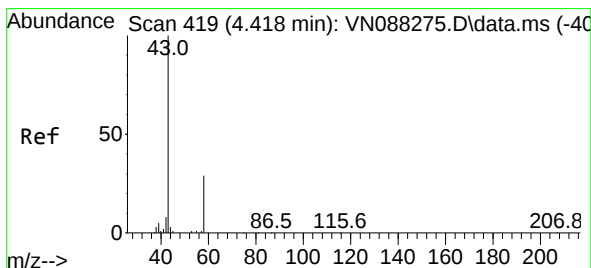
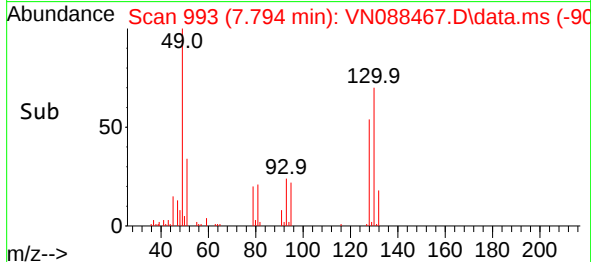
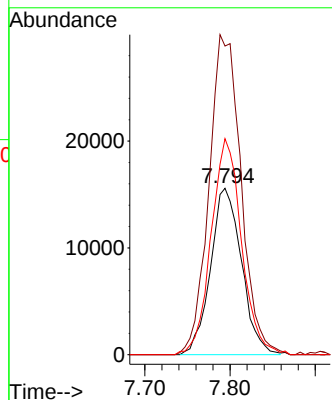
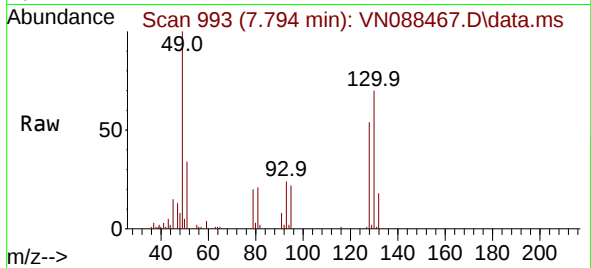




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

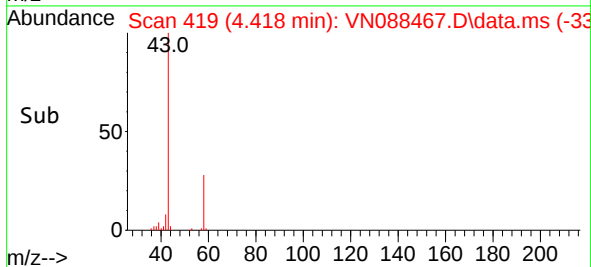
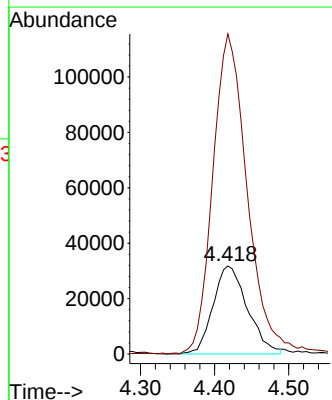
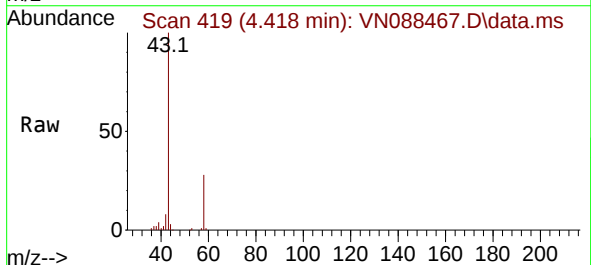
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Dec)

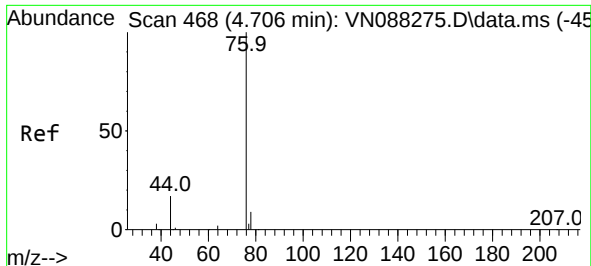
Tgt Ion:128 Resp: 39477
Ion Ratio Lower Upper
128 100
49 198.6 0.0 501.2
130 127.3 0.0 320.2



#15
Acetone
Concen: 219.978 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 58 Resp: 102370
Ion Ratio Lower Upper
58 100
43 362.7 273.9 410.9

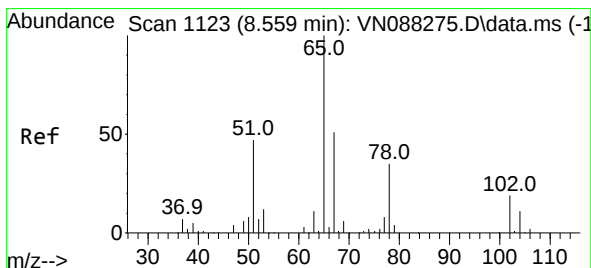
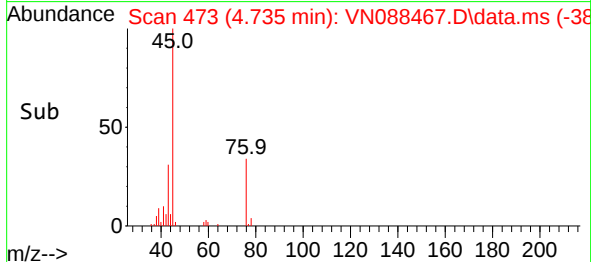
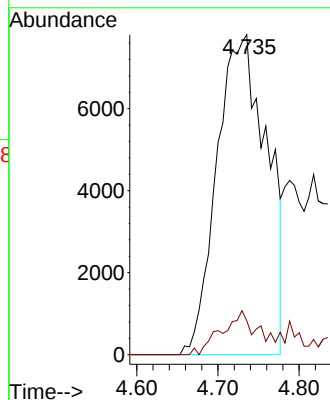
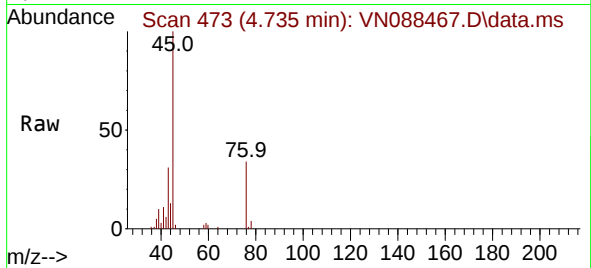




#16
Carbon Disulfide
Concen: 4.557 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

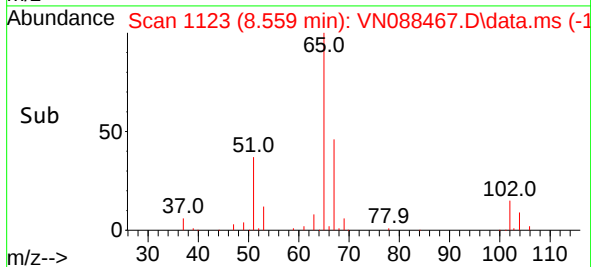
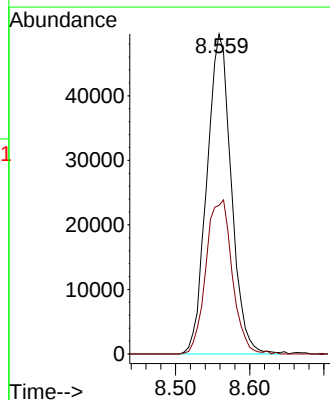
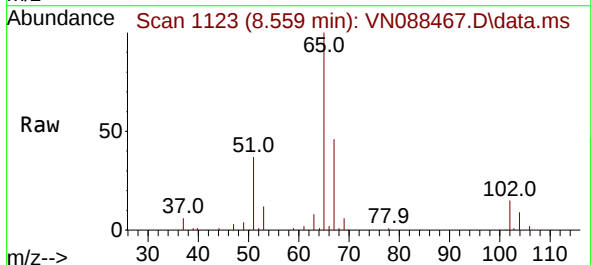
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Dec)

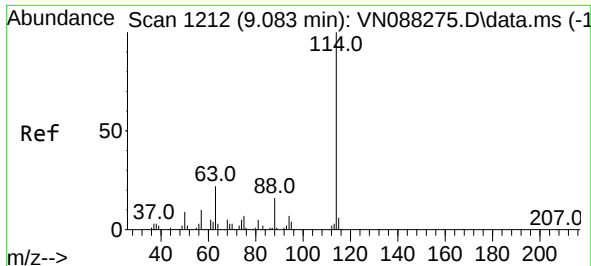
Tgt Ion: 76 Resp: 33362
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#27
1,2-Dichloroethane-d4
Concen: 31.439 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 65 Resp: 113370
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

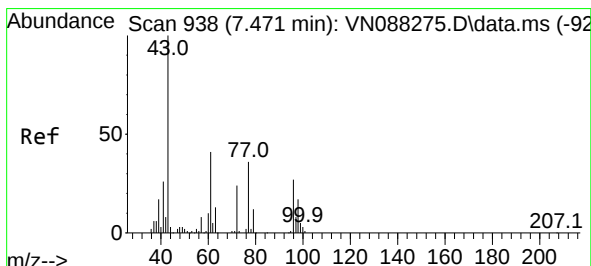
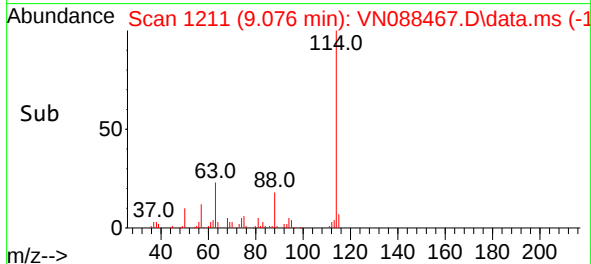
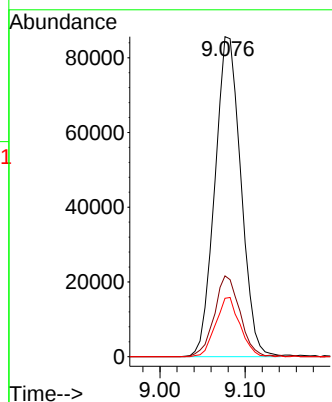
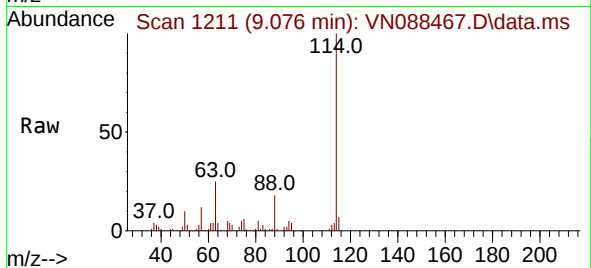




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.076 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

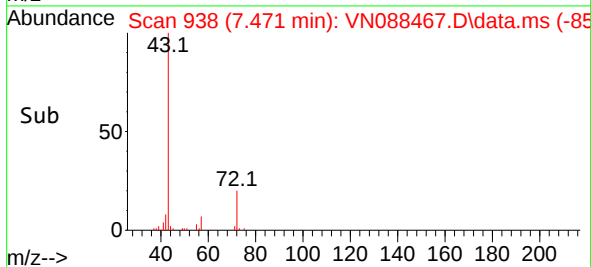
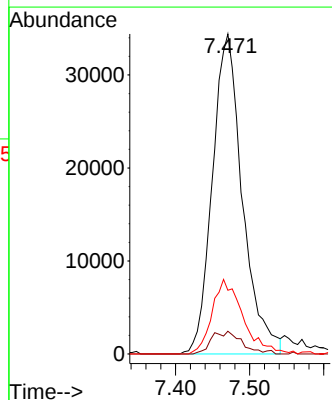
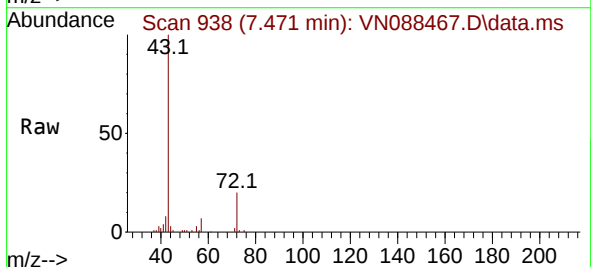
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Dec)

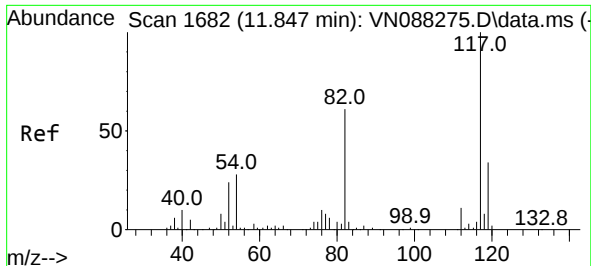
Tgt Ion:114 Resp: 181676
Ion Ratio Lower Upper
114 100
63 24.8 18.9 28.3
88 17.2 12.8 19.2



#30
2-Butanone
Concen: 49.450 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 43 Resp: 96965
Ion Ratio Lower Upper
43 100
57 3.7 6.2 9.4#
72 23.1 19.4 29.2

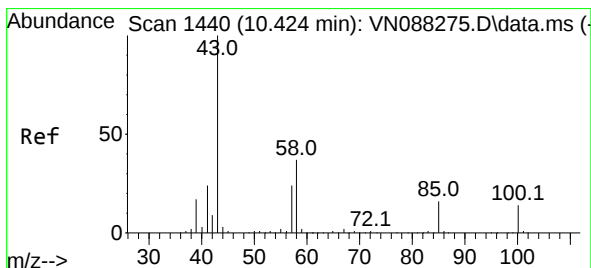
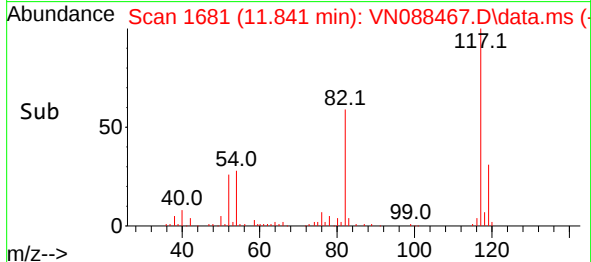
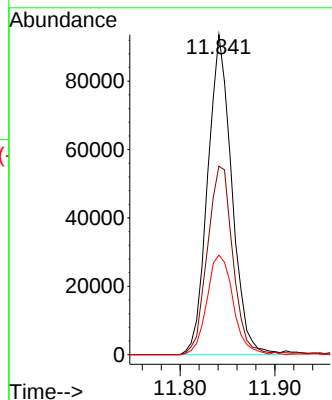
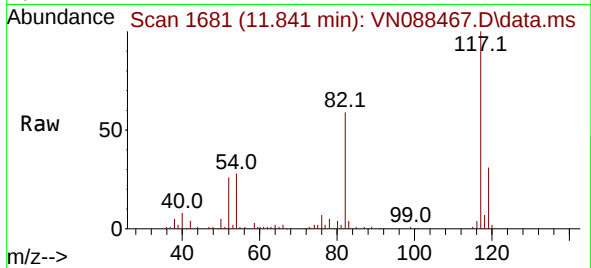




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

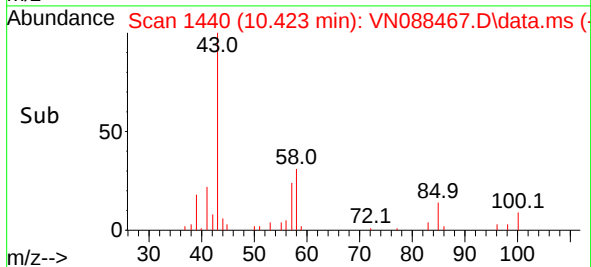
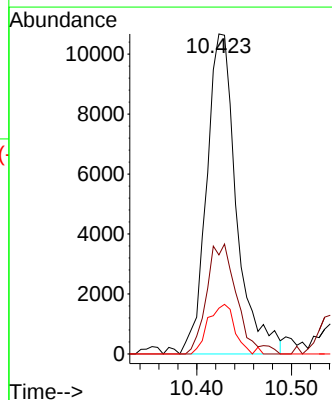
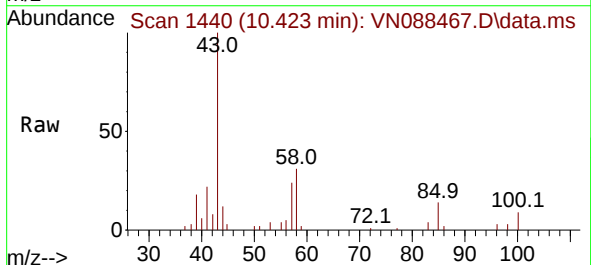
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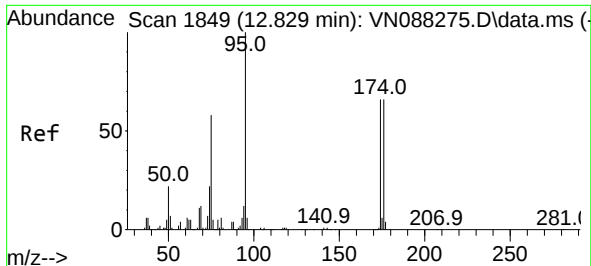
Tgt Ion:117 Resp: 165639
Ion Ratio Lower Upper
117 100
82 62.7 49.3 73.9
119 33.8 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 6.238 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 43 Resp: 23369
Ion Ratio Lower Upper
43 100
58 33.6 29.2 43.8
85 13.7 12.6 19.0

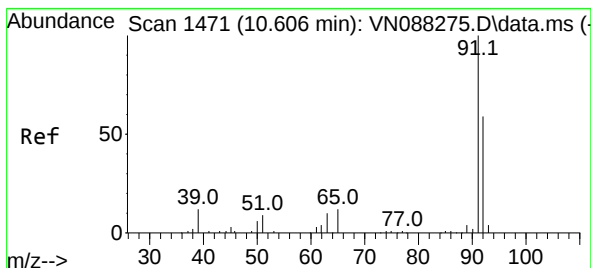
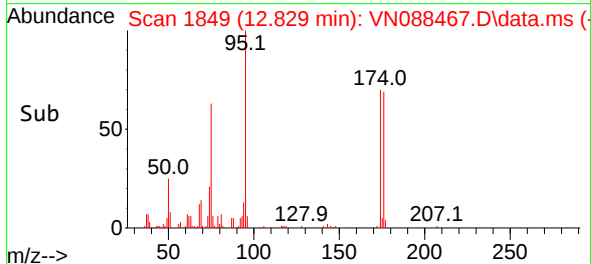
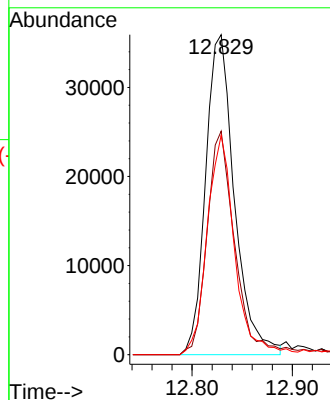
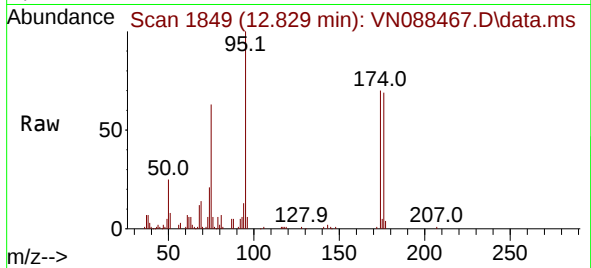




#60
4-Bromofluorobenzene
Concen: 25.670 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

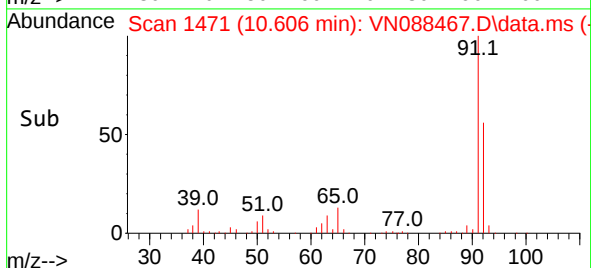
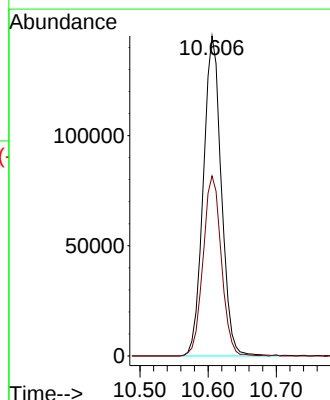
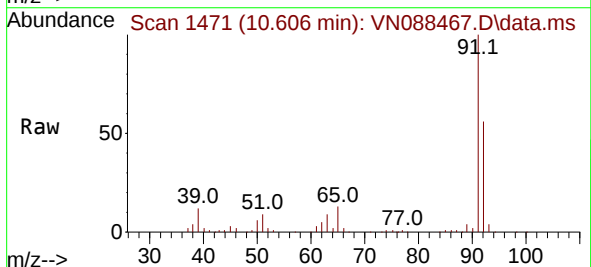
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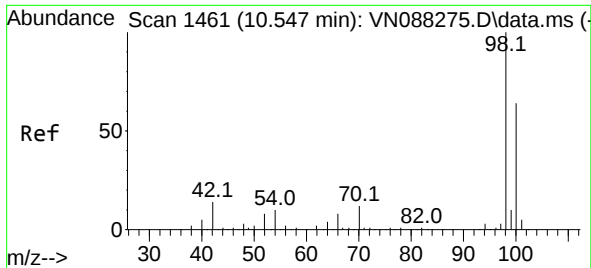
Tgt Ion: 95 Resp: 71876
Ion Ratio Lower Upper
95 100
174 67.2 54.5 81.7
176 65.2 53.8 80.6



#62
Toluene
Concen: 28.081 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 91 Resp: 266923
Ion Ratio Lower Upper
91 100
92 56.6 46.7 70.1

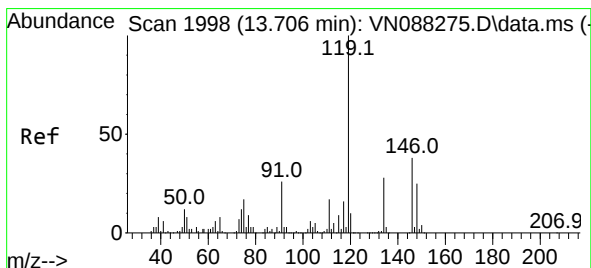
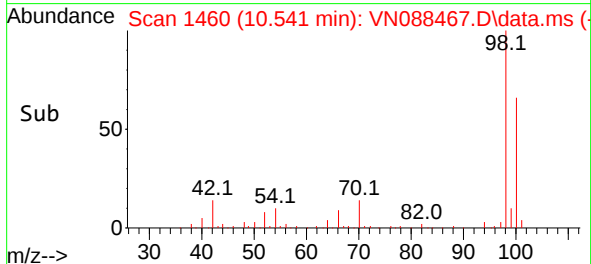
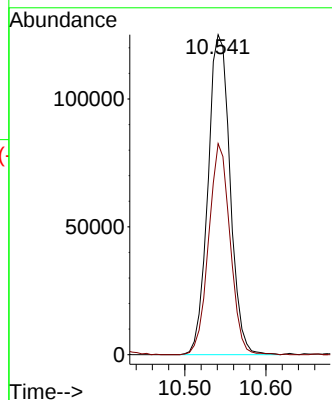
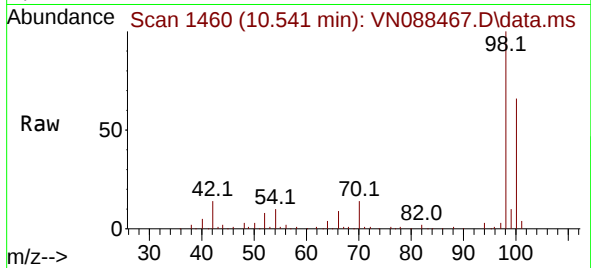




#63
Toluene-d8
Concen: 30.173 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Instrument :
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Tgt Ion: 98 Resp: 236619
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#82
p-Isopropyltoluene
Concen: 1.346 ug/l
RT: 13.700 min Scan# 1997
Delta R.T. -0.006 min
Lab File: VN088467.D
Acq: 05 Dec 2025 10:59

Tgt Ion: 119 Resp: 11419
Ion Ratio Lower Upper
119 100
134 25.5 0.0 51.2
91 31.3 0.0 53.4

