

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
 Data File : VN088468.D
 Acq On : 05 Dec 2025 11:20
 Operator : JC\MD
 Sample : Q3760-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (Dec)

Quant Time: Dec 05 23:38:55 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)

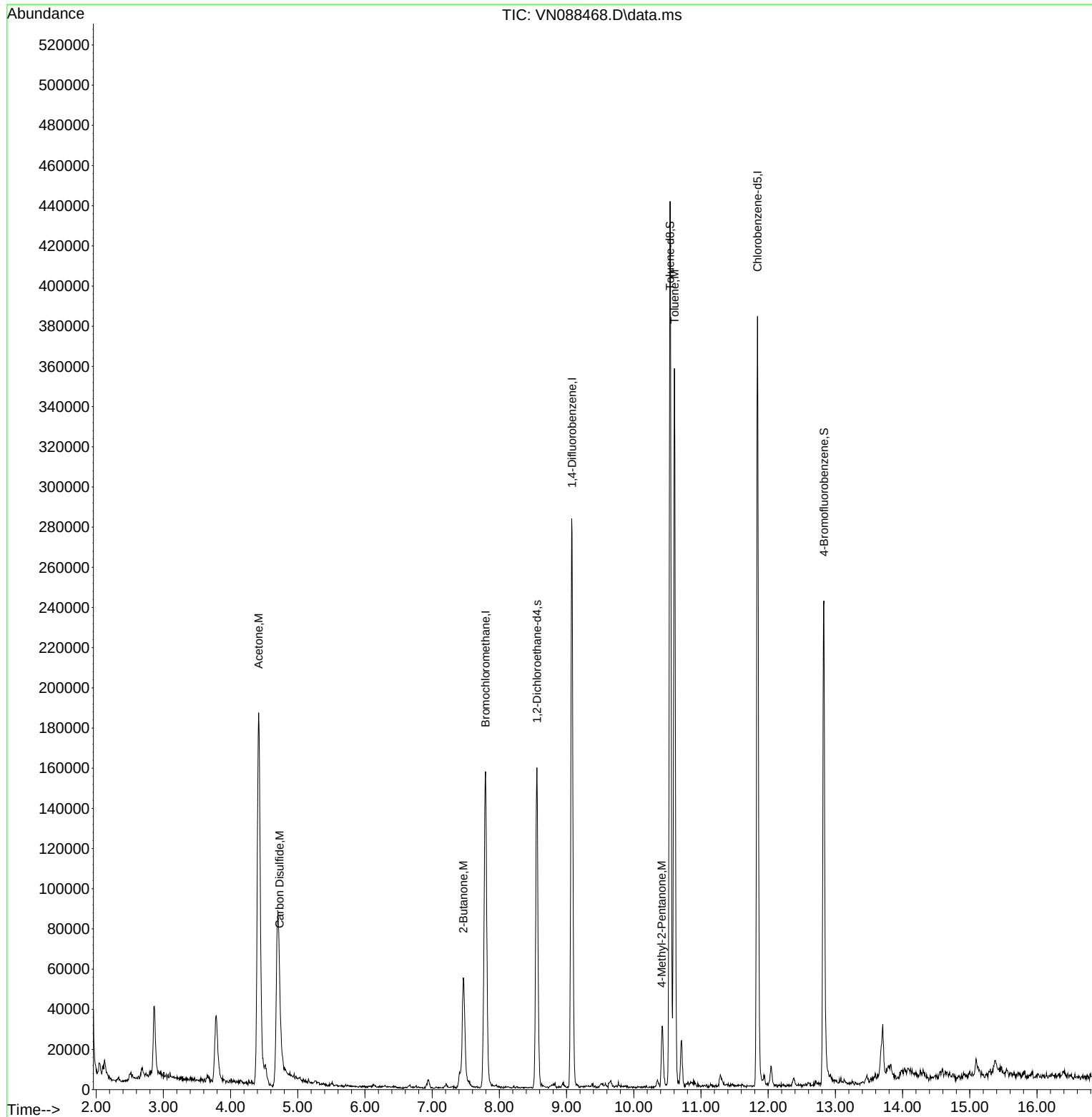
Internal Standards						
1) Bromochloromethane	7.794	128	47619	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	225907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	204147	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	136636	31.413	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.700%
60) 4-Bromofluorobenzene	12.829	95	90065	26.098	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.000%
63) Toluene-d8	10.541	98	290372	30.043	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.133%
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	106630	189.955	ug/l	95
16) Carbon Disulfide	4.730	76	24884	2.818	ug/l	97
30) 2-Butanone	7.465	43	95491	39.164	ug/l	99
58) 4-Methyl-2-Pentanone	10.418	43	24284	5.259	ug/l	96
62) Toluene	10.606	91	256407	21.887	ug/l	99

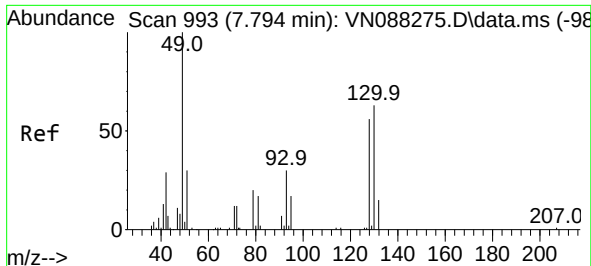
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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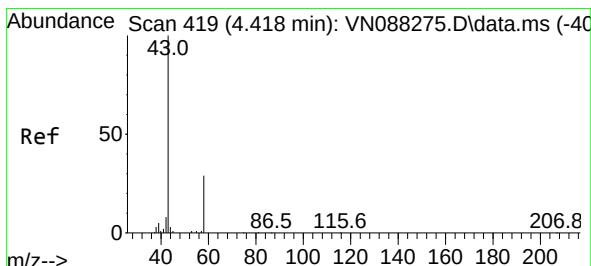
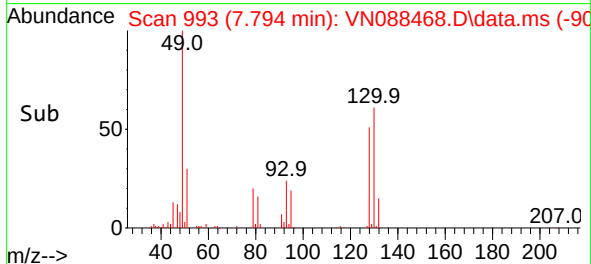
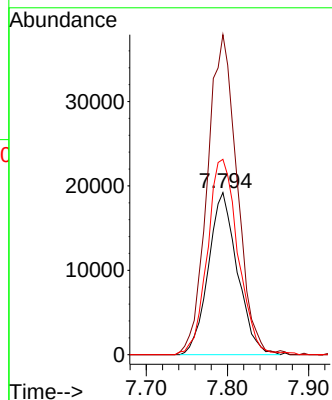
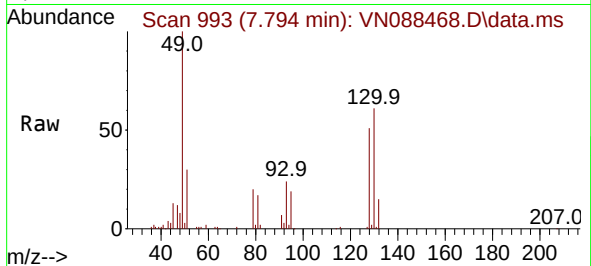




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

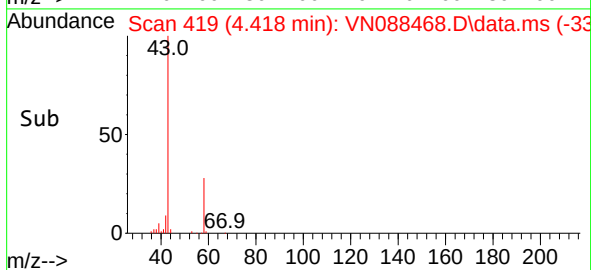
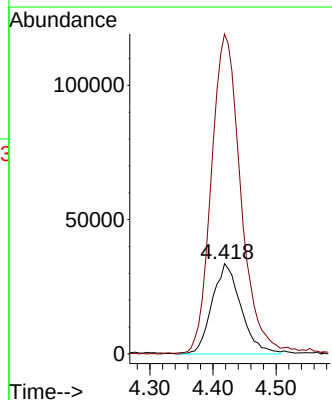
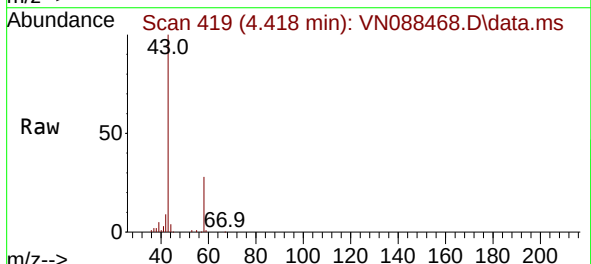
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (Dec)

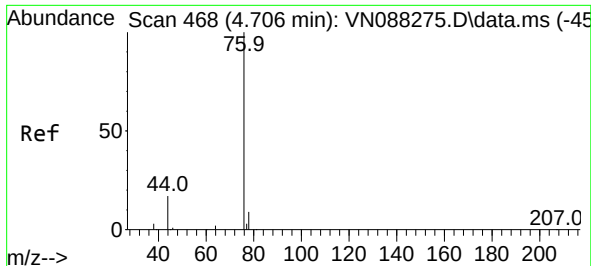
Tgt Ion:128 Resp: 47619
Ion Ratio Lower Upper
128 100
49 202.4 0.0 501.2
130 127.2 0.0 320.2



#15
Acetone
Concen: 189.955 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 58 Resp: 106630
Ion Ratio Lower Upper
58 100
43 353.2 273.9 410.9

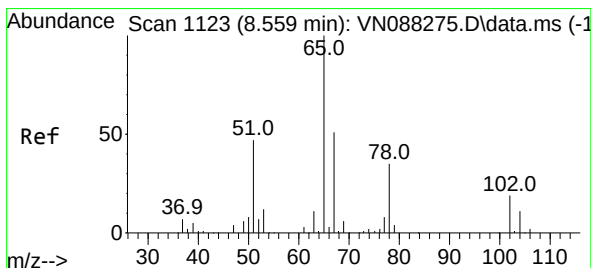
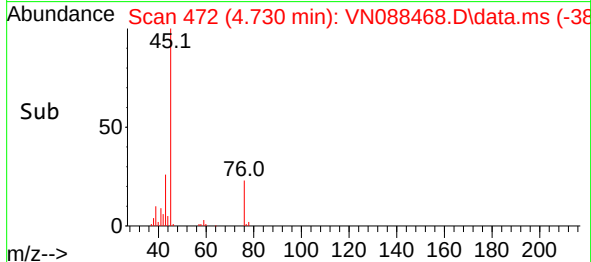
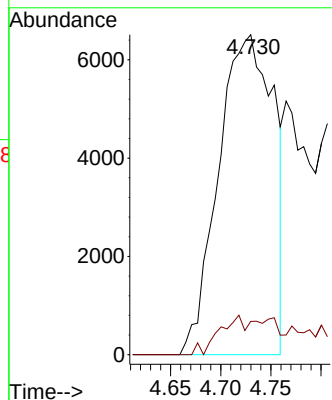
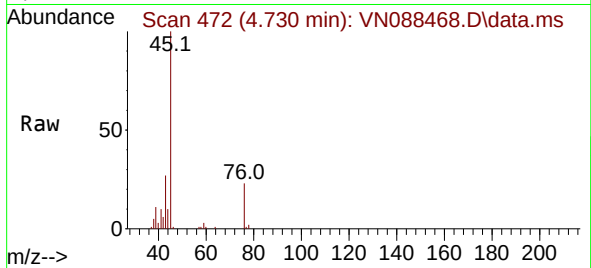




#16
Carbon Disulfide
Concen: 2.818 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

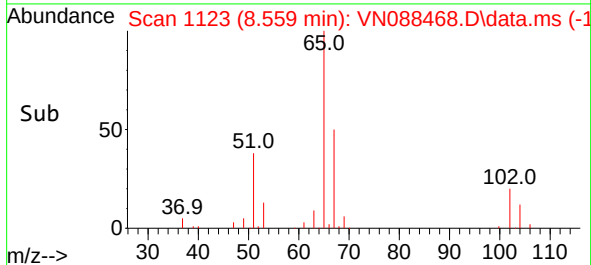
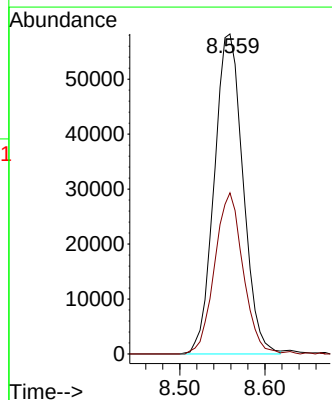
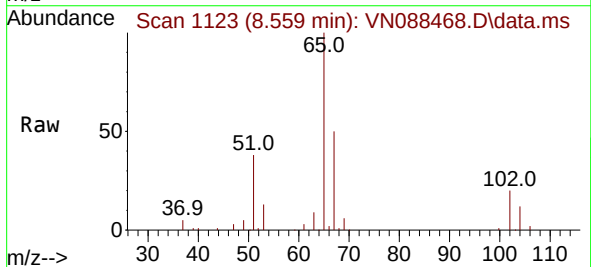
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (Dec)

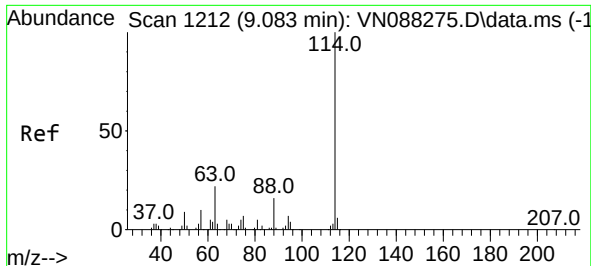
Tgt Ion: 76 Resp: 24884
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#27
1,2-Dichloroethane-d4
Concen: 31.413 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 65 Resp: 136636
Ion Ratio Lower Upper
65 100
67 49.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088468.D

Acq: 05 Dec 2025 11:20

Instrument :

MSVOA_N

ClientSampleId :

002 35th Ave (Dec)

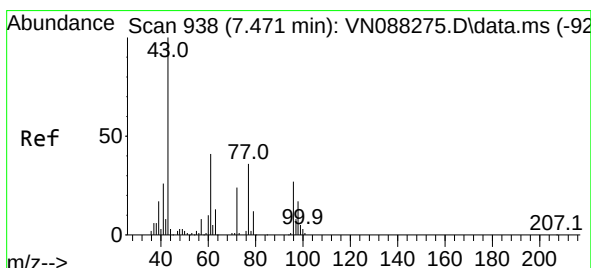
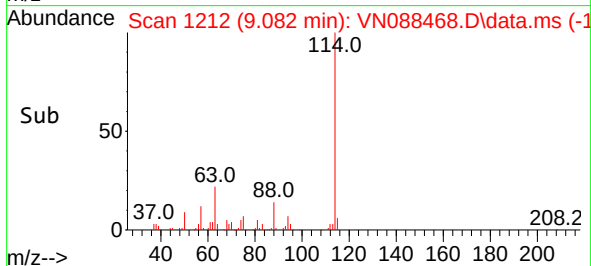
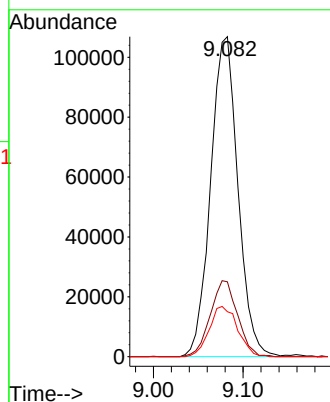
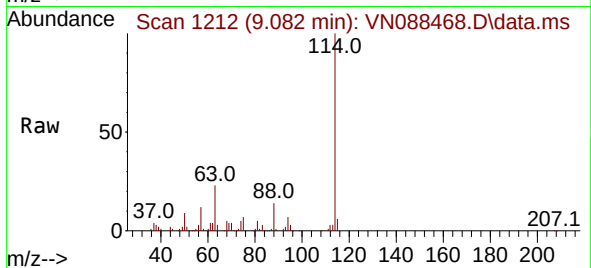
Tgt Ion:114 Resp: 225907

Ion Ratio Lower Upper

114 100

63 23.7 18.9 28.3

88 16.3 12.8 19.2



#30

2-Butanone

Concen: 39.164 ug/l

RT: 7.465 min Scan# 937

Delta R.T. -0.006 min

Lab File: VN088468.D

Acq: 05 Dec 2025 11:20

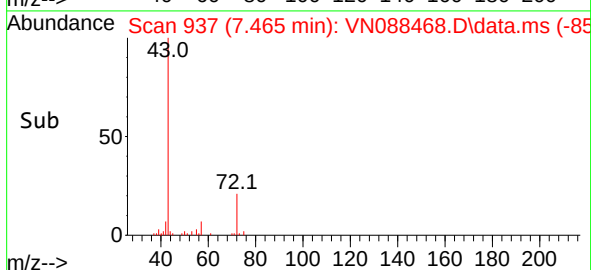
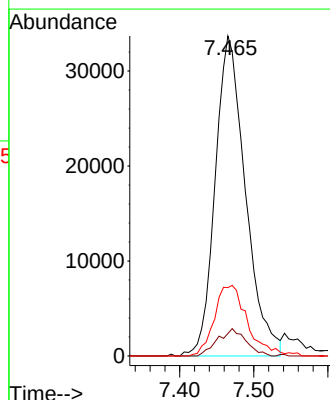
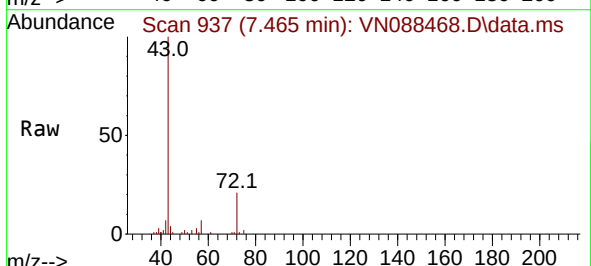
Tgt Ion: 43 Resp: 95491

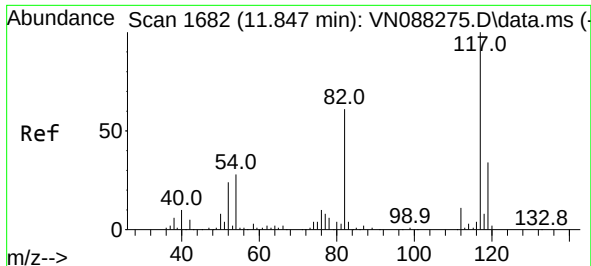
Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

72 23.9 19.4 29.2

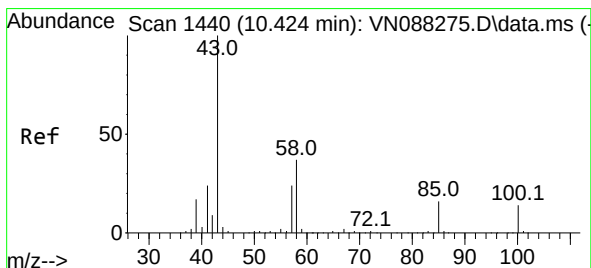
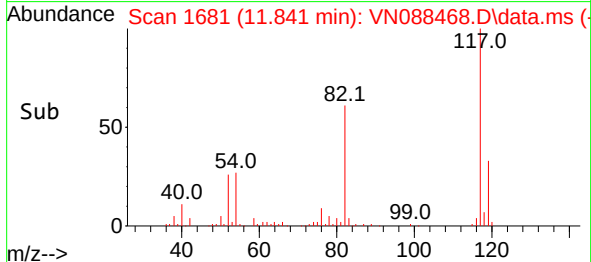
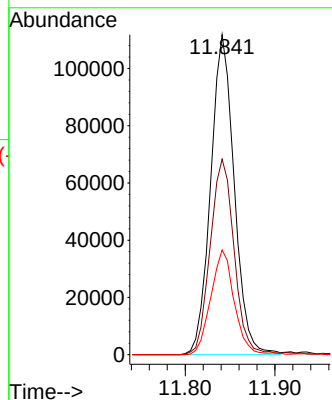
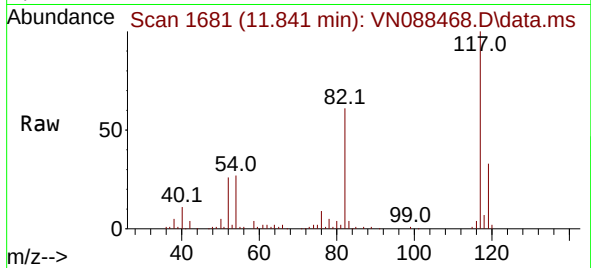




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

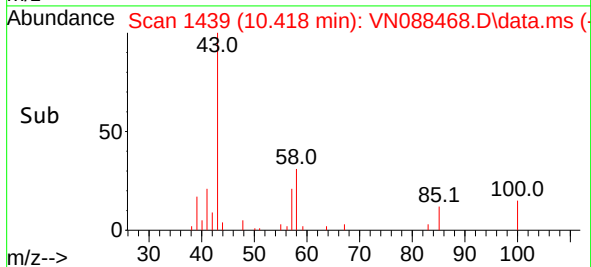
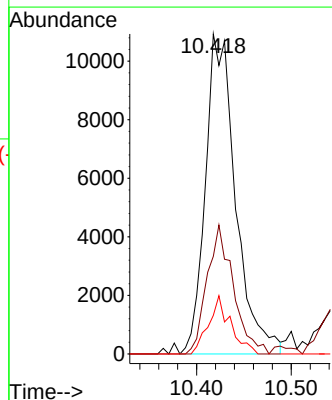
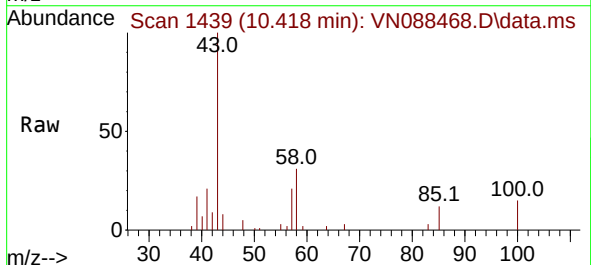
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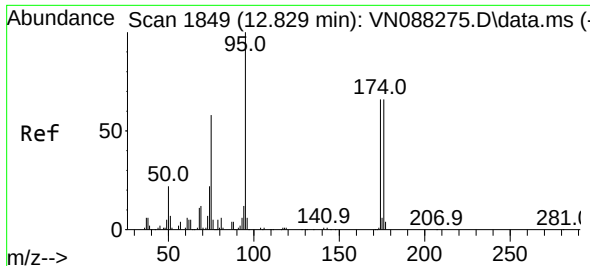
Tgt Ion:117 Resp: 204147
Ion Ratio Lower Upper
117 100
82 61.8 49.3 73.9
119 32.3 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 5.259 ug/l
RT: 10.418 min Scan# 1439
Delta R.T. -0.006 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 43 Resp: 24284
Ion Ratio Lower Upper
43 100
58 35.0 29.2 43.8
85 13.2 12.6 19.0

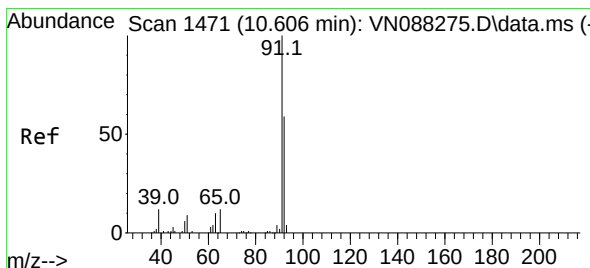
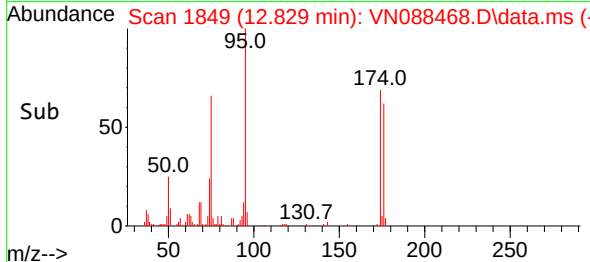
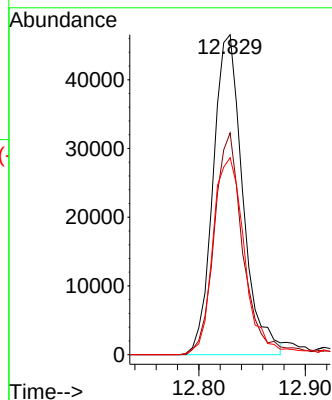
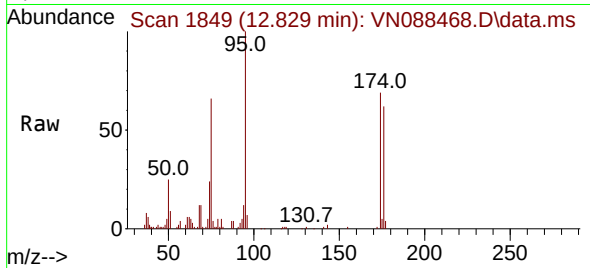




#60
4-Bromofluorobenzene
Concen: 26.098 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

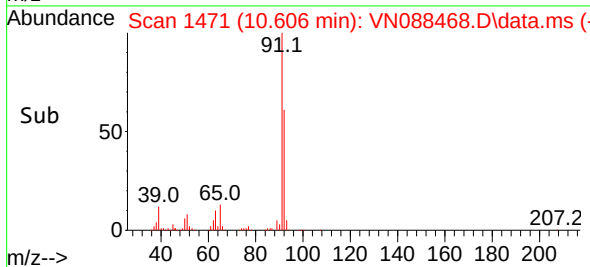
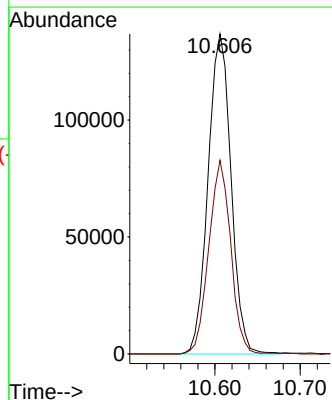
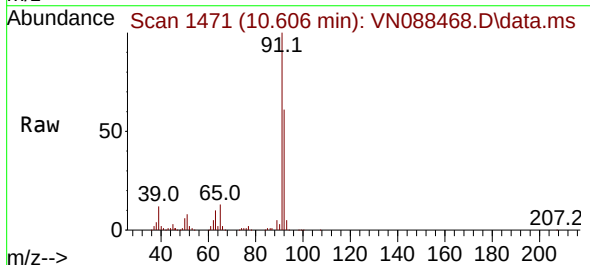
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002 35th Ave (Dec)

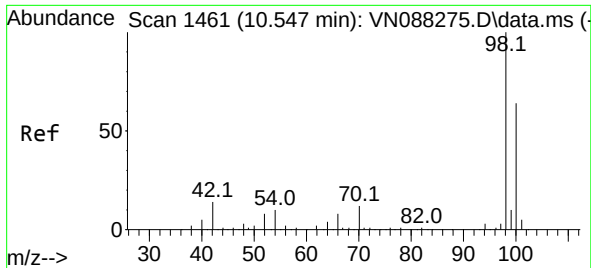
Tgt Ion: 95 Resp: 90065
Ion Ratio Lower Upper
95 100
174 67.7 54.5 81.7
176 64.7 53.8 80.6



#62
Toluene
Concen: 21.887 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088468.D
Acq: 05 Dec 2025 11:20

Tgt Ion: 91 Resp: 256407
Ion Ratio Lower Upper
91 100
92 57.6 46.7 70.1





#63
 Toluene-d8
 Concen: 30.043 ug/l
 RT: 10.541 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VN088468.D
 Acq: 05 Dec 2025 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (Dec)

Tgt Ion: 98 Resp: 290372
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.6 77.4

