

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071825\
 Data File : VN087363.D
 Acq On : 18 Jul 2025 13:59
 Operator : JC\MD
 Sample : Q2630-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002 35th Ave (JUNE)DL

Quant Time: Jul 18 14:33:41 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)

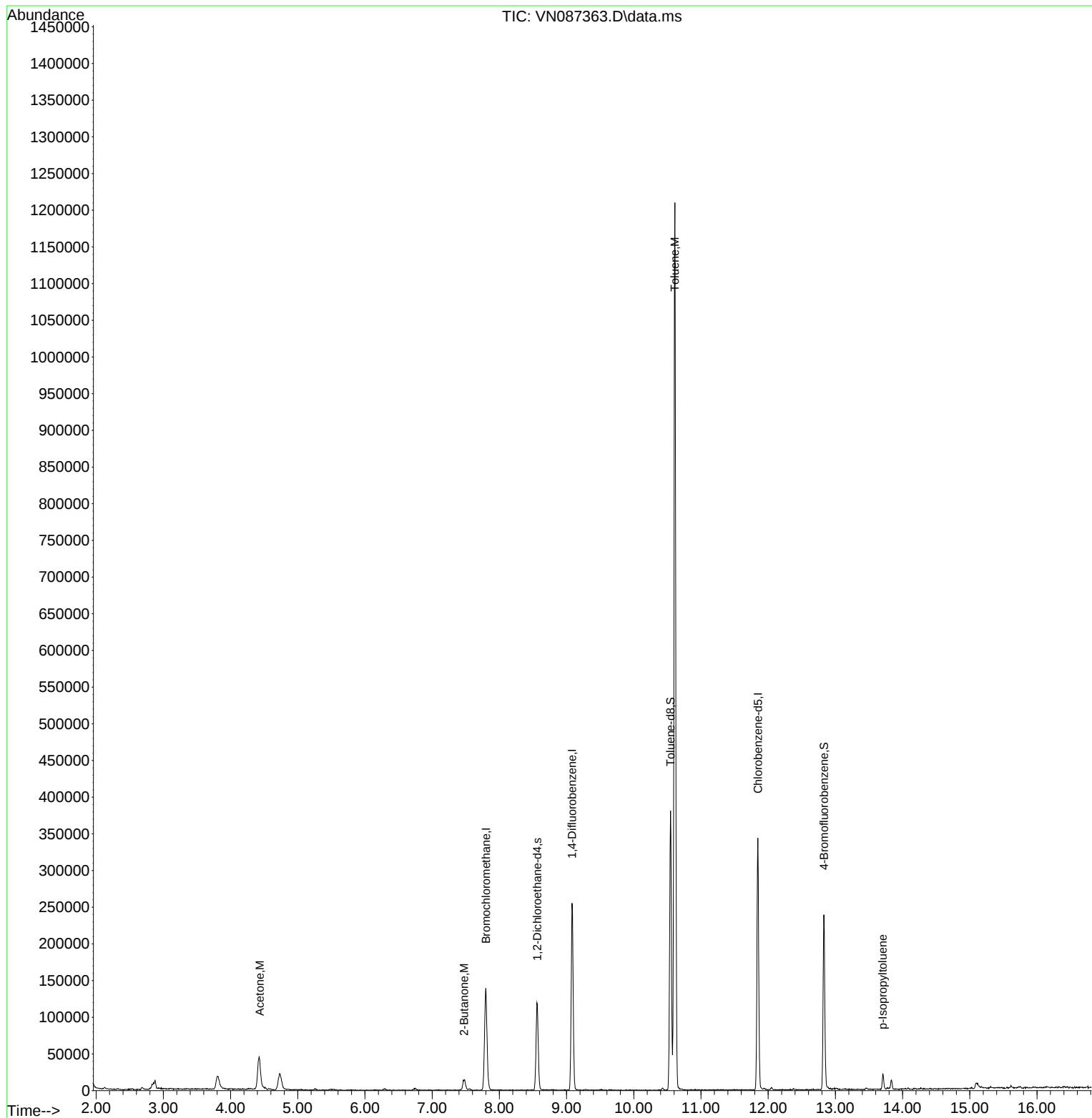
Internal Standards						
1) Bromochloromethane	7.800	128	45506	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.082	114	211698	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.847	117	193269	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	100699	29.370	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.900%
60) 4-Bromofluorobenzene	12.829	95	83753	28.083	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.600%
63) Toluene-d8	10.547	98	257514	29.675	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.933%
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	25861	43.958	ug/l	94
30) 2-Butanone	7.477	43	26473	11.894	ug/l #	81
62) Toluene	10.612	91	896943	82.171	ug/l	99
82) p-Isopropyltoluene	13.706	119	11453	1.272	ug/l	97

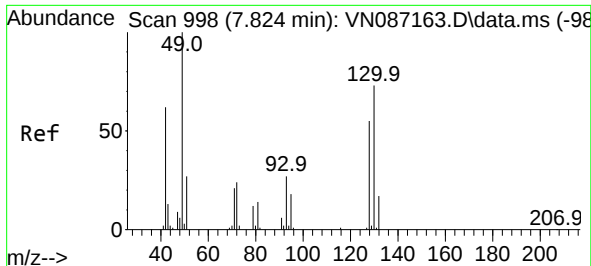
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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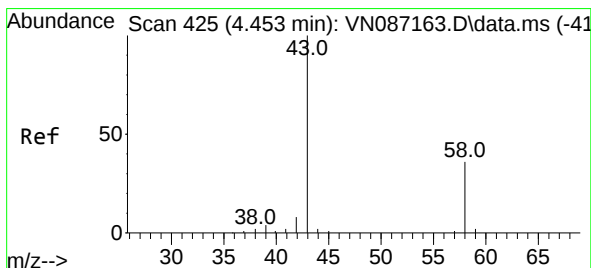
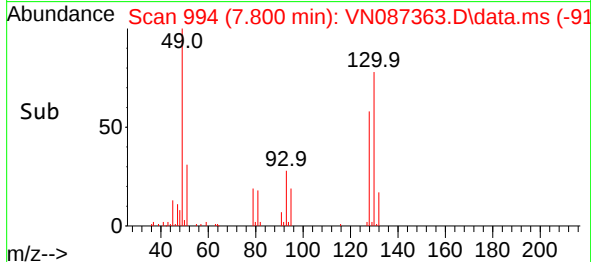
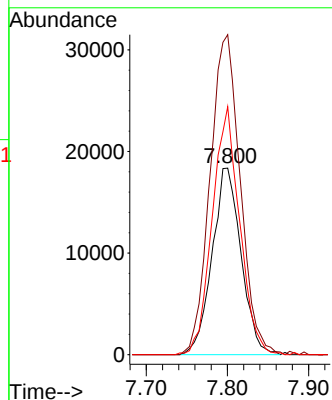
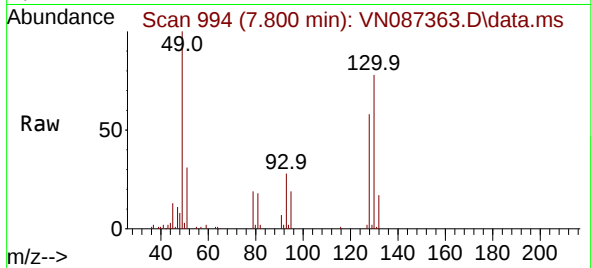




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 91
Delta R.T. -0.024 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

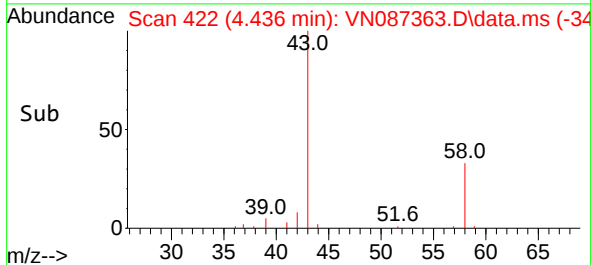
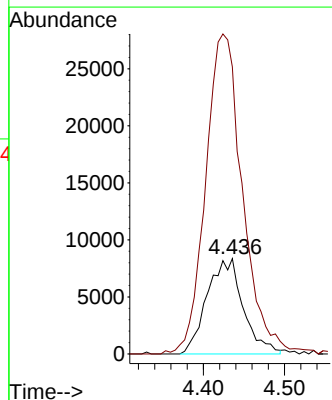
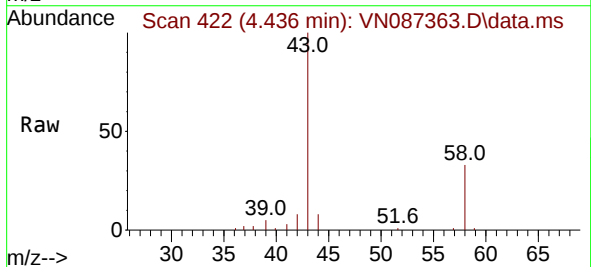
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

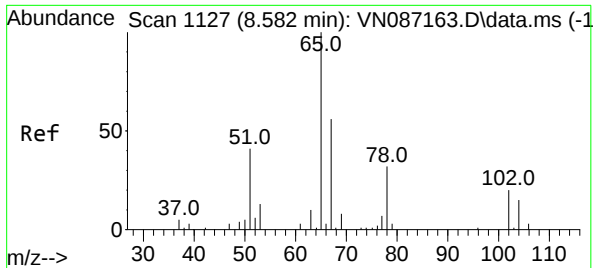
Tgt Ion:128 Resp: 45506
Ion Ratio Lower Upper
128 100
49 178.7 0.0 450.5
130 126.0 0.0 320.7



#15
Acetone
Concen: 43.958 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

Tgt Ion: 58 Resp: 25861
Ion Ratio Lower Upper
58 100
43 291.5 224.3 336.5

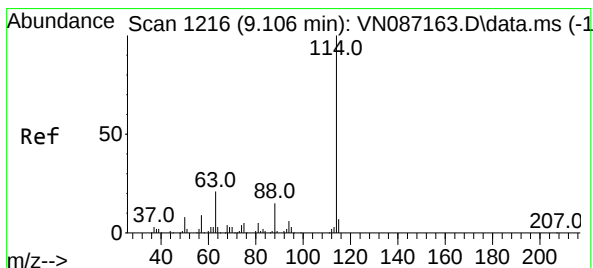
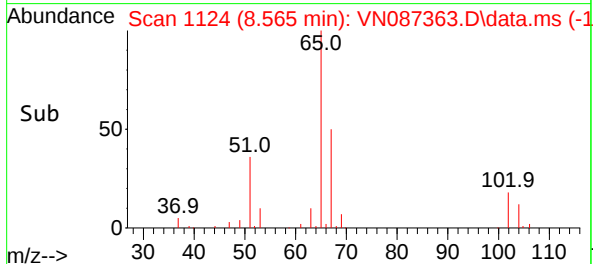
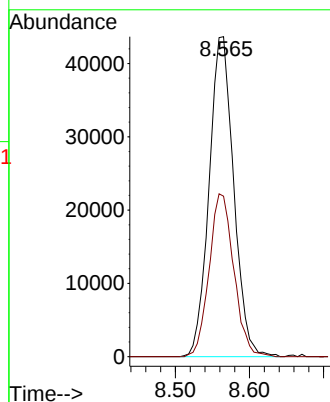
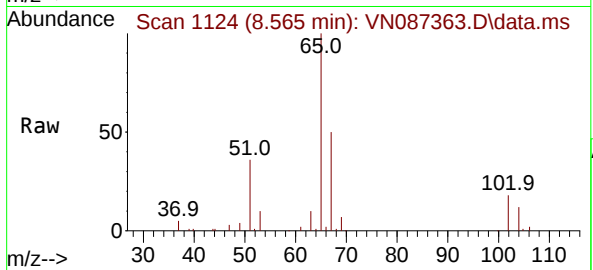




#27
1,2-Dichloroethane-d4
Concen: 29.370 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

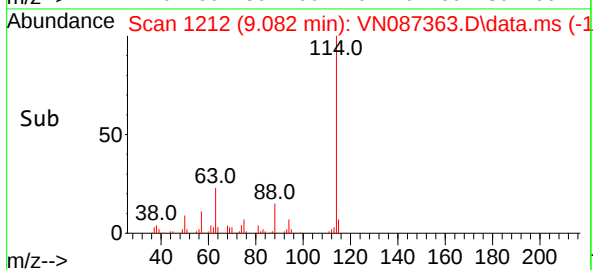
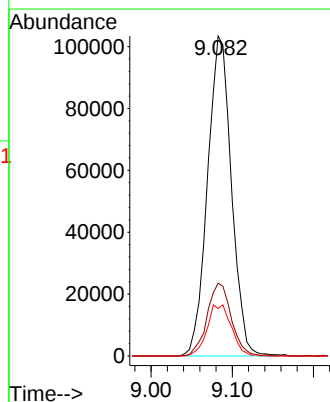
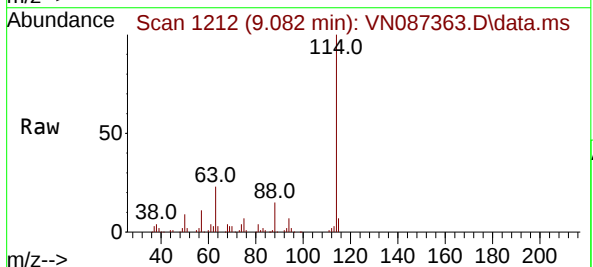
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

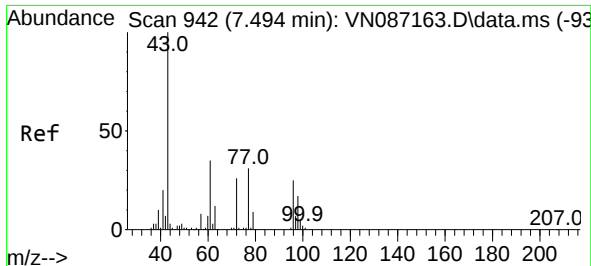
Tgt Ion: 65 Resp: 100699
Ion Ratio Lower Upper
65 100
67 51.0 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.023 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

Tgt Ion: 114 Resp: 211698
Ion Ratio Lower Upper
114 100
63 22.9 17.0 25.4
88 16.1 12.6 19.0

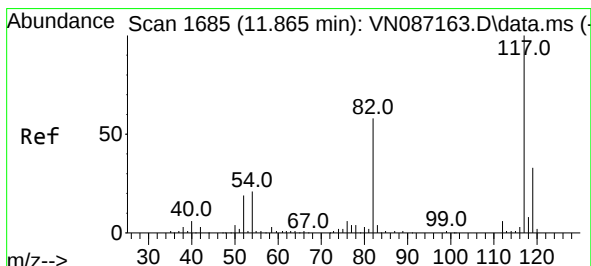
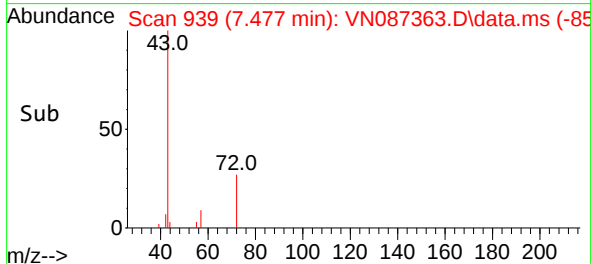
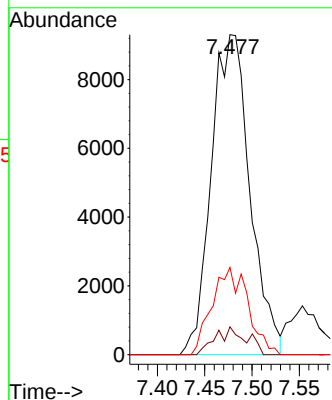
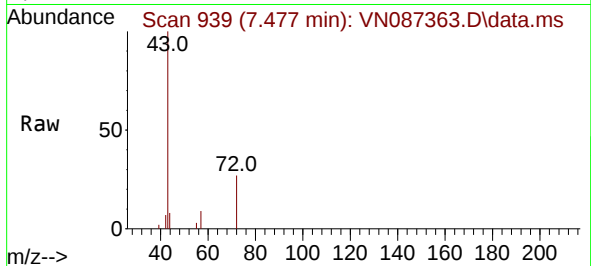




#30
2-Butanone
Concen: 11.894 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

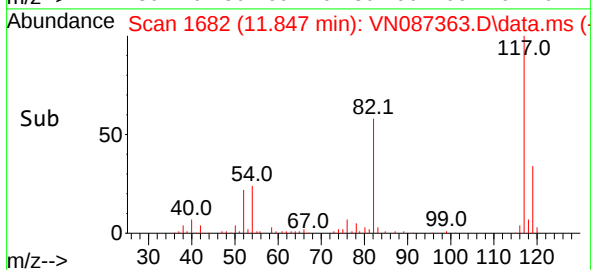
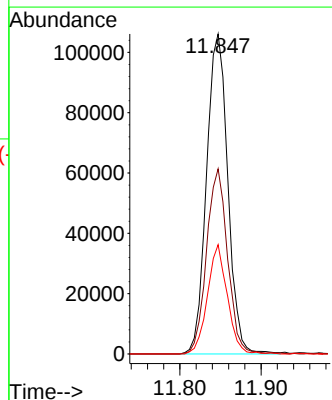
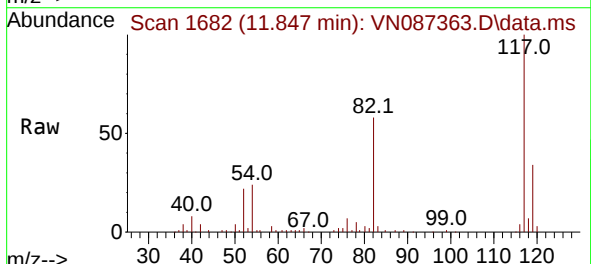
Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

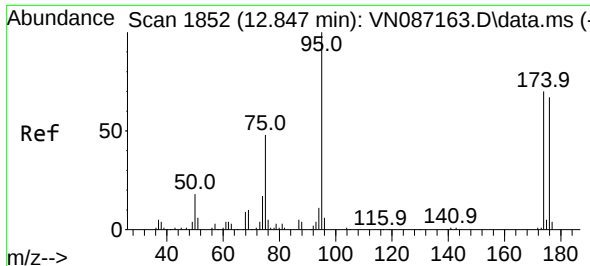
Tgt Ion: 43 Resp: 26473
Ion Ratio Lower Upper
43 100
57 3.0 6.3 9.5#
72 16.7 21.8 32.6#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

Tgt Ion: 117 Resp: 193269
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.6 26.2 39.4

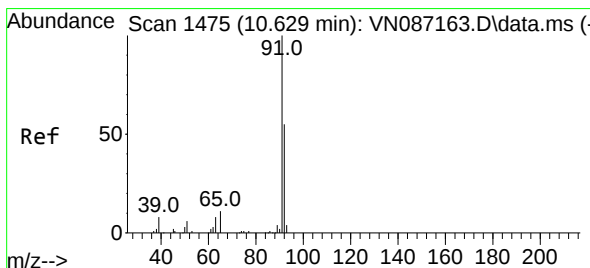
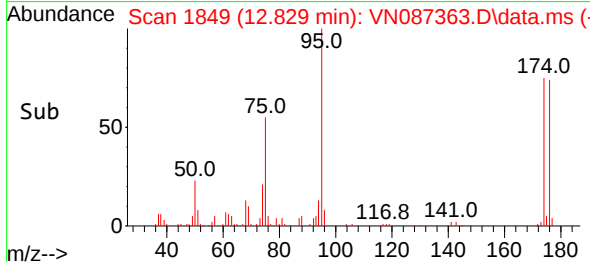
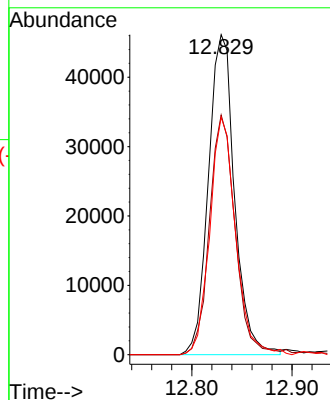
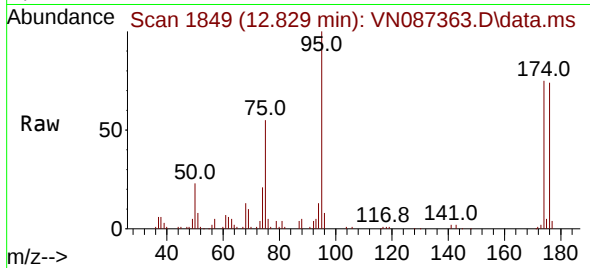




#60
4-Bromofluorobenzene
Concen: 28.083 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

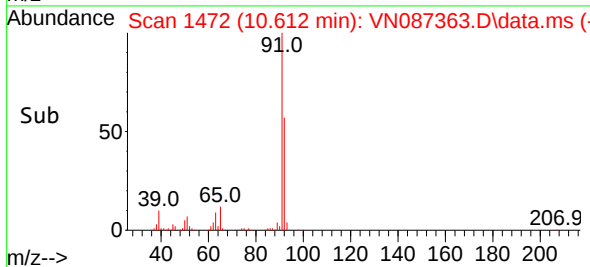
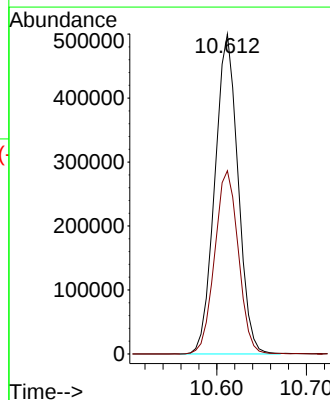
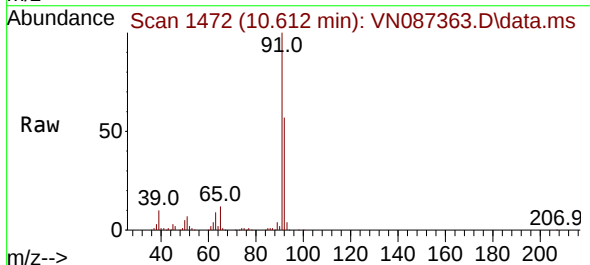
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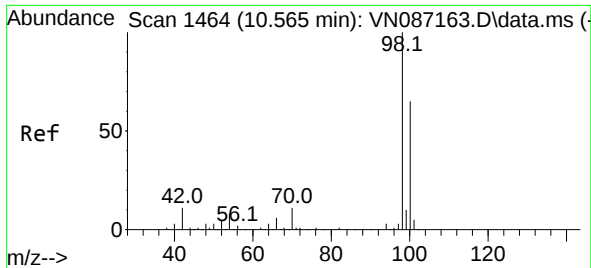
Tgt Ion: 95 Resp: 83753
Ion Ratio Lower Upper
95 100
174 73.1 54.5 81.7
176 72.6 51.9 77.9



#62
Toluene
Concen: 82.171 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

Tgt Ion: 91 Resp: 896943
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.8

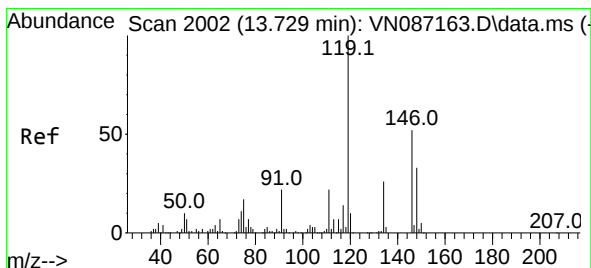
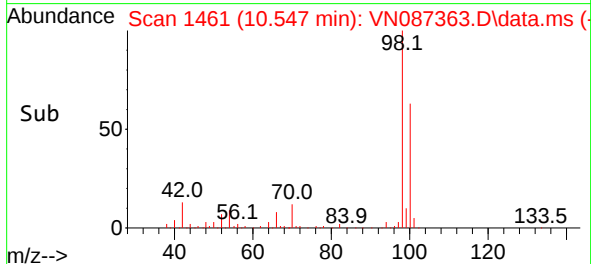
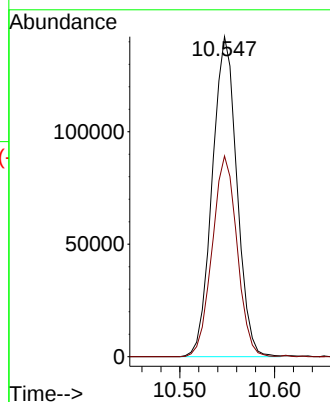
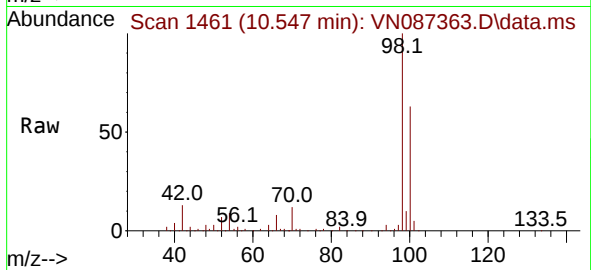




#63
Toluene-d8
Concen: 29.675 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

Instrument :
MSVOA_N
ClientSampleId :
002 35th Ave (JUNE)DL

Tgt Ion: 98 Resp: 257514
Ion Ratio Lower Upper
98 100
100 63.1 52.5 78.7



#82
p-Isopropyltoluene
Concen: 1.272 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.023 min
Lab File: VN087363.D
Acq: 18 Jul 2025 13:59

Tgt Ion: 119 Resp: 11453
Ion Ratio Lower Upper
119 100
134 26.3 0.0 51.2
91 25.6 0.0 46.4

