

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087744.D
 Acq On : 05 Sep 2025 15:45
 Operator : JC\MD
 Sample : Q3033-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-25-0077

Quant Time: Sep 06 01:07:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

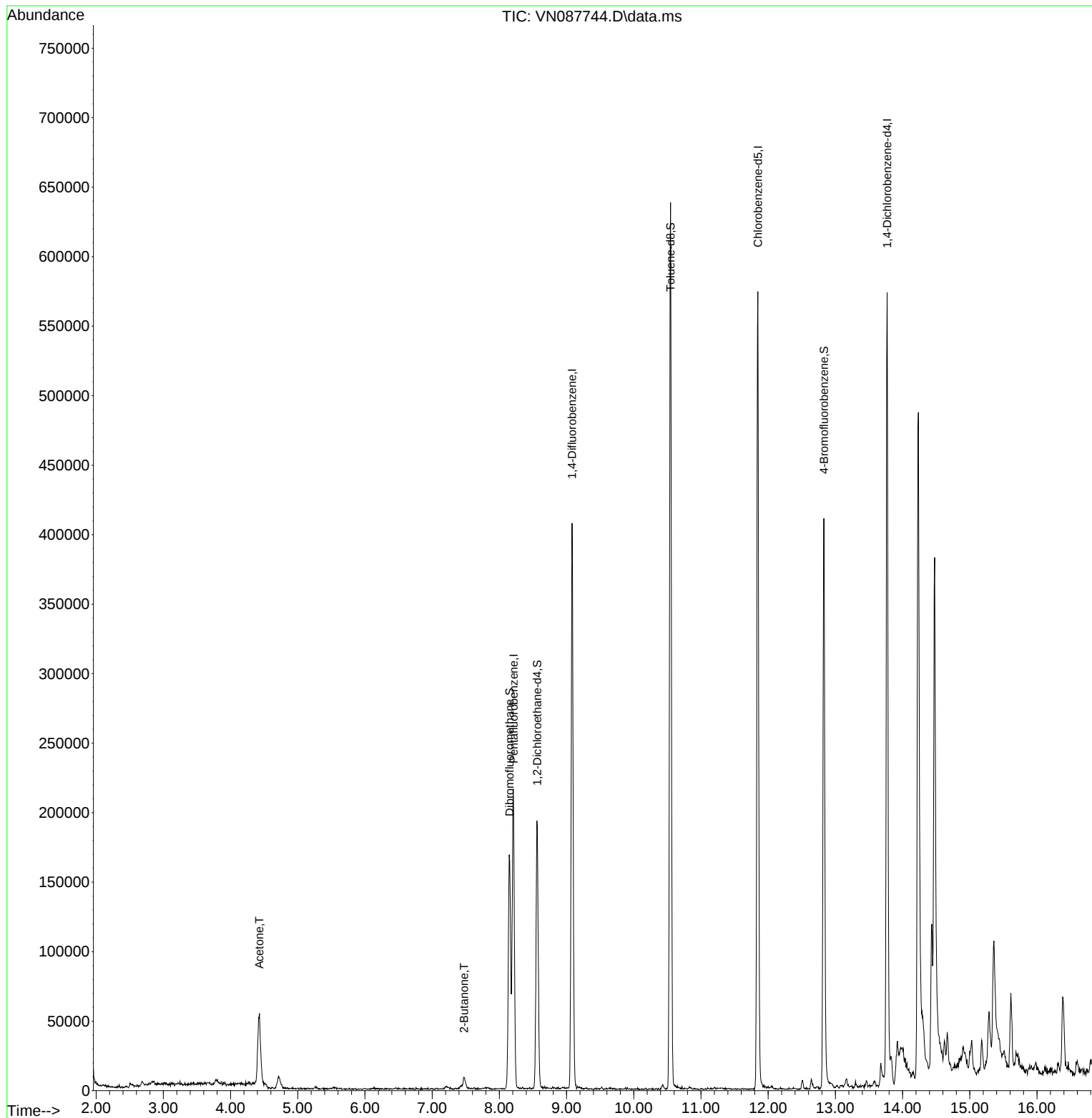
Internal Standards						
1) Pentafluorobenzene	8.212	168	142957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	325258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	314610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	159562	54.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.960%			
35) Dibromofluoromethane	8.153	113	120445	51.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.547	98	425211	48.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.829	95	143484	45.903	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.800%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	99946	62.683	ug/l	93
25) 2-Butanone	7.477	43	14604	6.962	ug/l #	88

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

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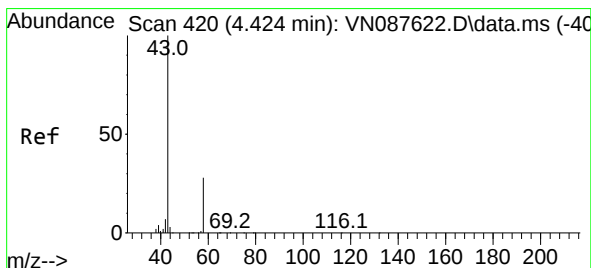
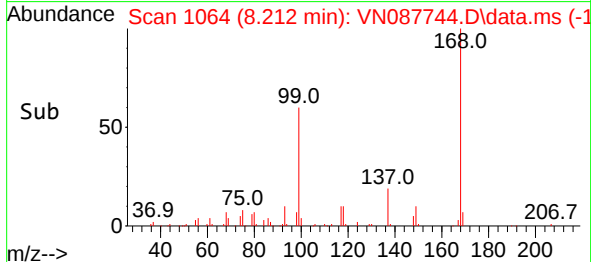
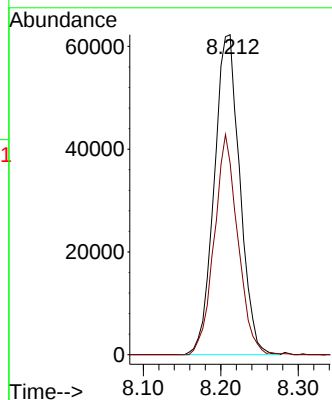
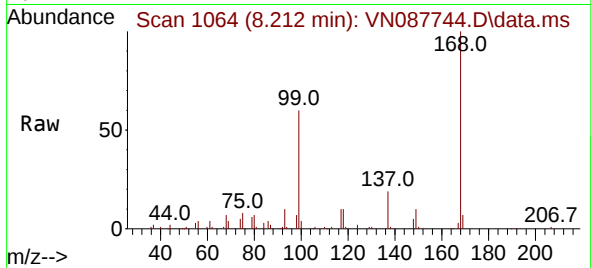




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

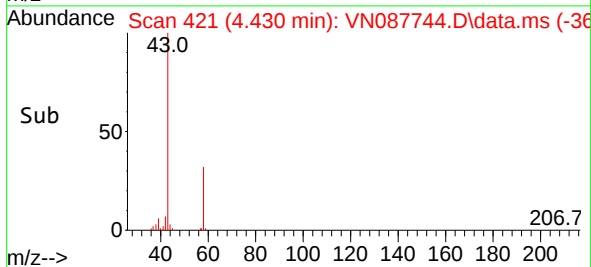
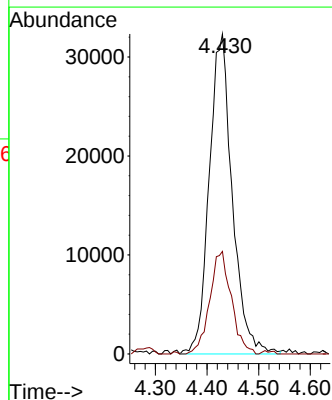
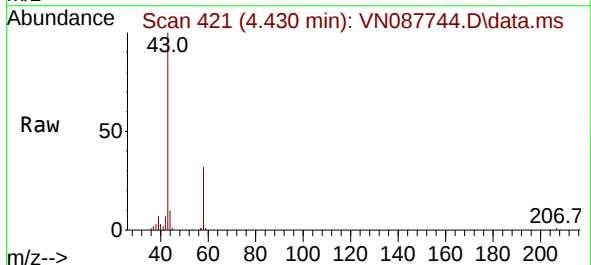
Instrument :
MSVOA_N
ClientSampleId :
BUR-25-0077

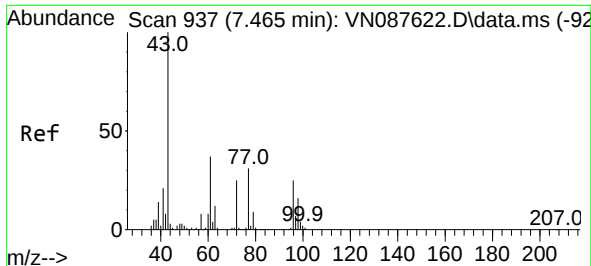
Tgt Ion:168 Resp: 142957
Ion Ratio Lower Upper
168 100
99 59.9 57.2 85.8



#16
Acetone
Concen: 62.683 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

Tgt Ion: 43 Resp: 99946
Ion Ratio Lower Upper
43 100
58 32.0 22.6 33.8

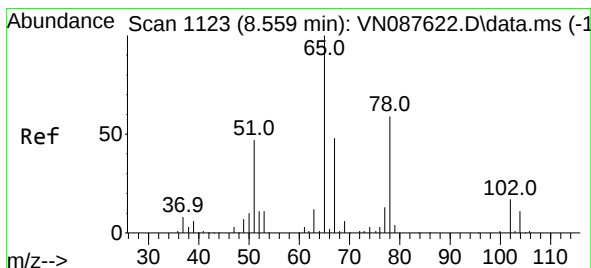
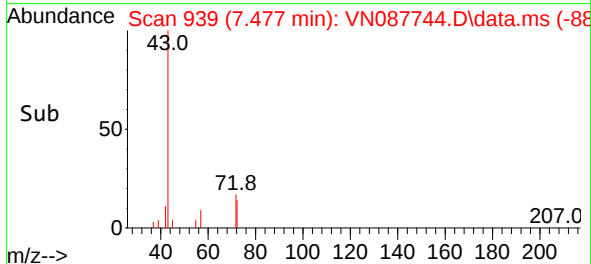
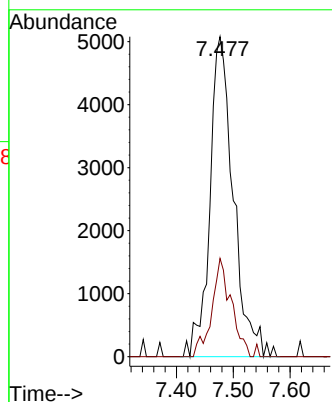
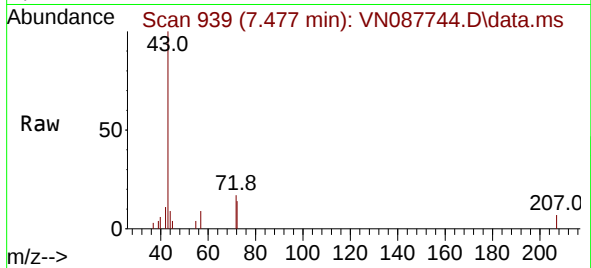




#25
2-Butanone
Concen: 6.962 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

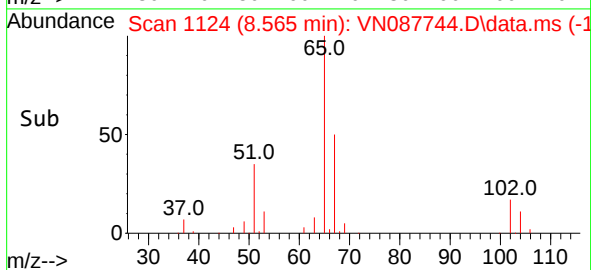
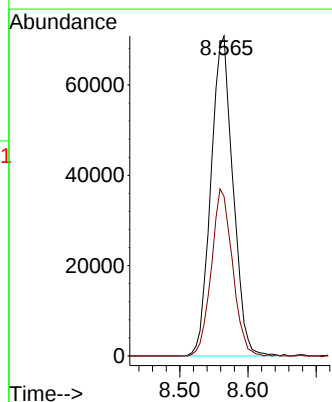
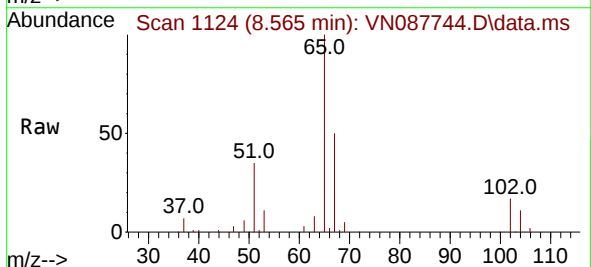
Instrument :
MSVOA_N
ClientSampleId :
BUR-25-0077

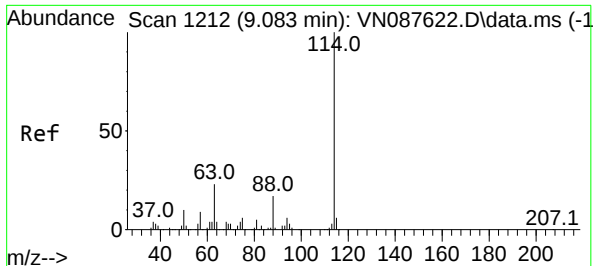
Tgt Ion: 43 Resp: 14604
Ion Ratio Lower Upper
43 100
72 30.7 19.9 29.9#



#33
1,2-Dichloroethane-d4
Concen: 54.476 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

Tgt Ion: 65 Resp: 159562
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087744.D

Acq: 05 Sep 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

BUR-25-0077

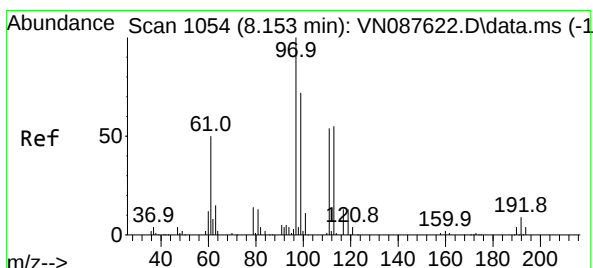
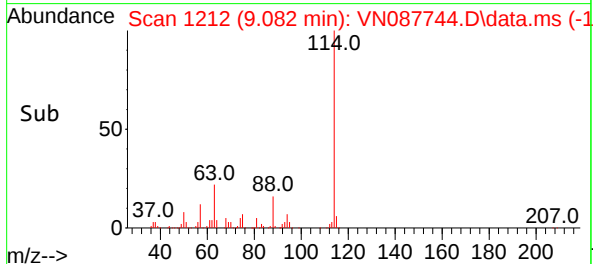
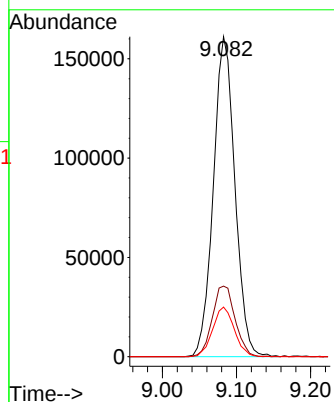
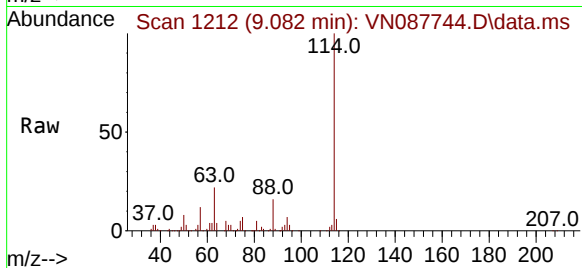
Tgt Ion:114 Resp: 325258

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

88 15.5 0.0 33.4



#35

Dibromofluoromethane

Concen: 51.289 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087744.D

Acq: 05 Sep 2025 15:45

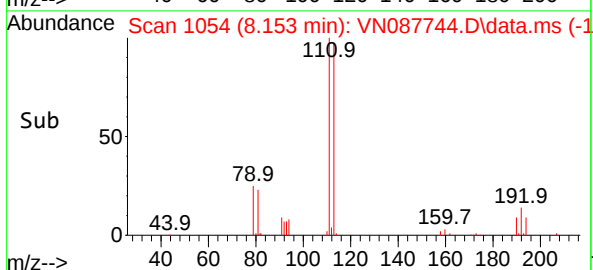
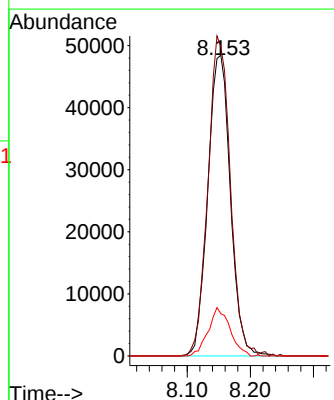
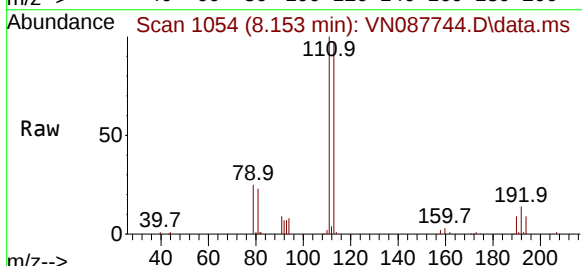
Tgt Ion:113 Resp: 120445

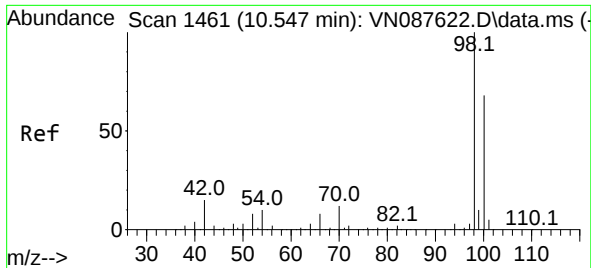
Ion Ratio Lower Upper

113 100

111 105.2 82.8 124.2

192 15.5 12.8 19.2

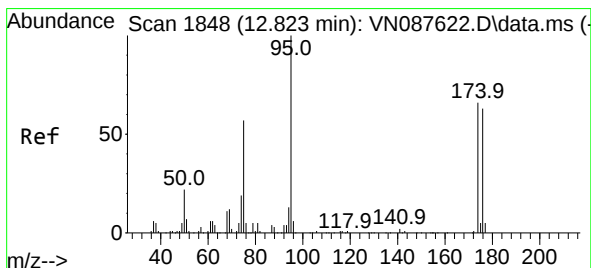
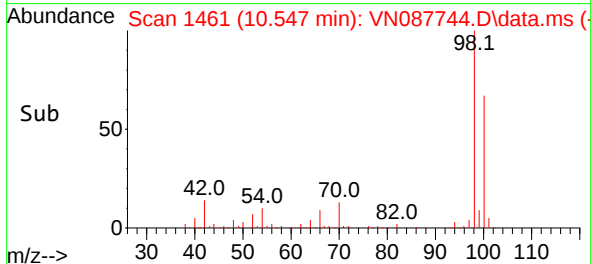
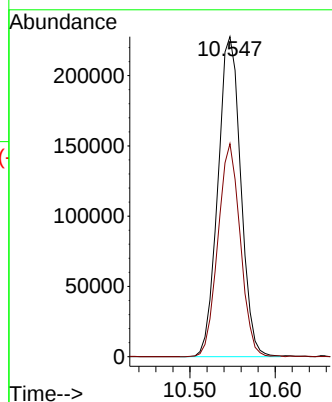
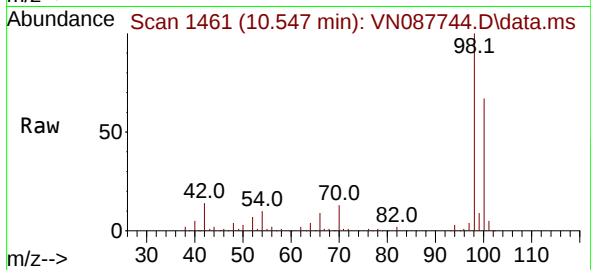




#50
Toluene-d8
Concen: 48.377 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

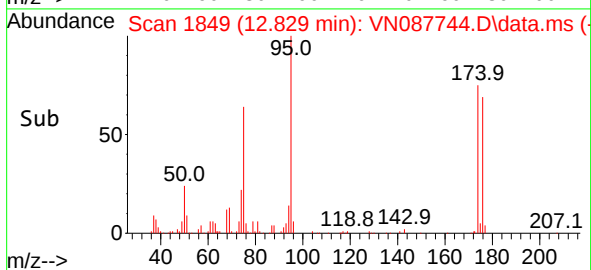
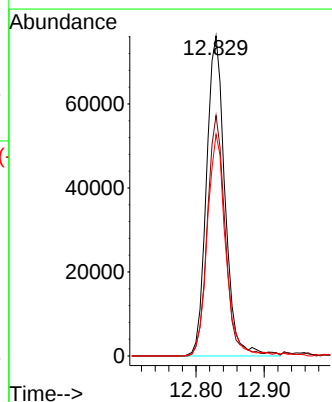
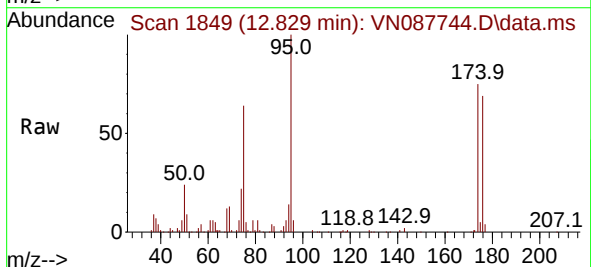
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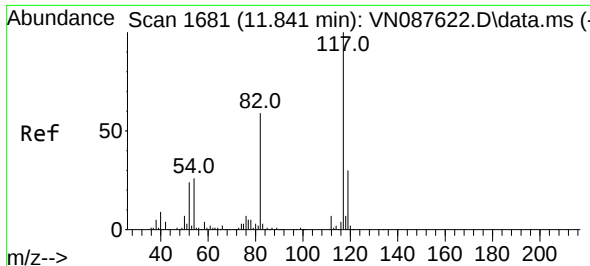
Tgt Ion: 98 Resp: 425211
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.903 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

Tgt Ion: 95 Resp: 143484
Ion Ratio Lower Upper
95 100
174 72.5 0.0 138.4
176 68.8 0.0 132.6

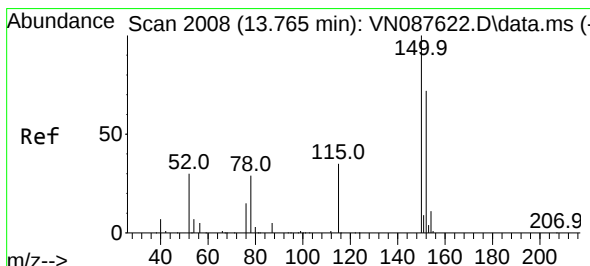
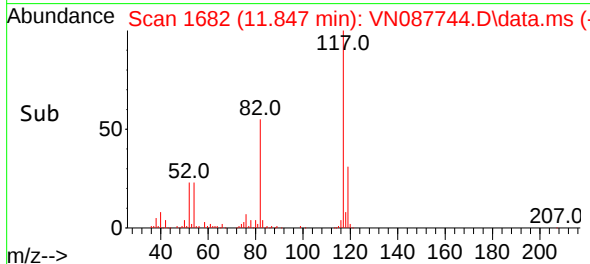
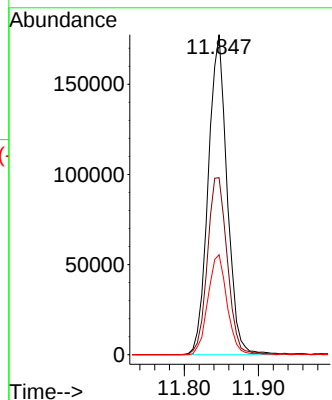
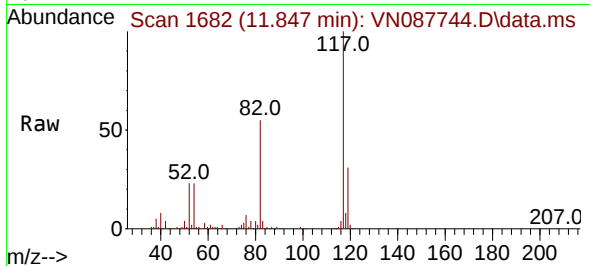




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
BUR-25-0077

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.4	71.2
119	31.3	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087744.D
Acq: 05 Sep 2025 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	32.3	96.8
150	158.1	0.0	351.0

