

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087952.D
 Acq On : 25 Sep 2025 14:17
 Operator : JC\MD
 Sample : PB169819TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169819TB

Quant Time: Sep 26 07:31:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

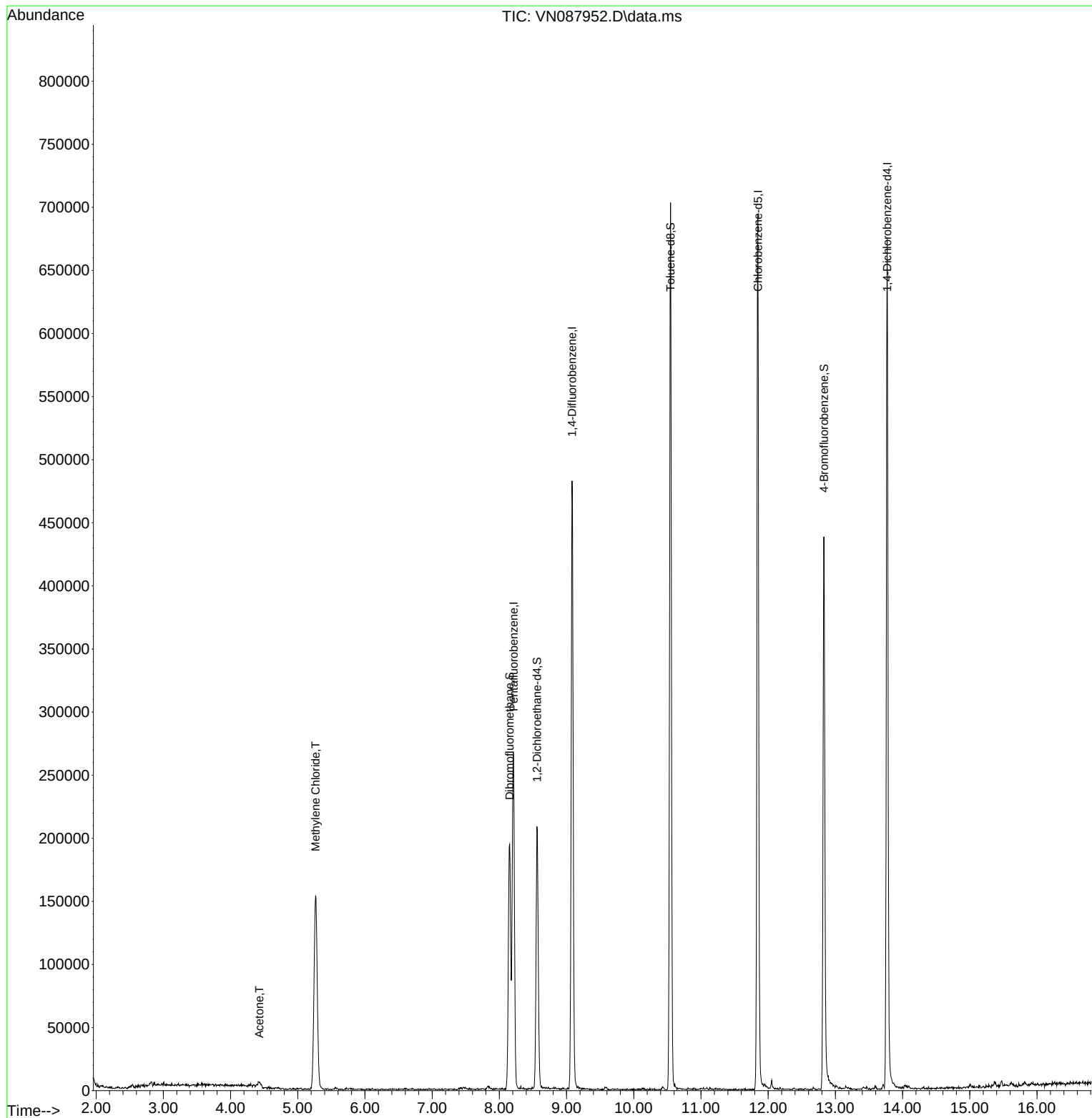
Internal Standards						
1) Pentafluorobenzene	8.212	168	190830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	412227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	395284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	181399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	169296	52.715	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.440%			
35) Dibromofluoromethane	8.153	113	142729	47.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.380%			
50) Toluene-d8	10.547	98	473532	44.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.980%			
62) 4-Bromofluorobenzene	12.829	95	163062	43.342	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.680%			
Target Compounds						
16) Acetone	4.430	43	6948	5.258	ug/l	93
20) Methylene Chloride	5.265	84	124445	46.529	ug/l	98

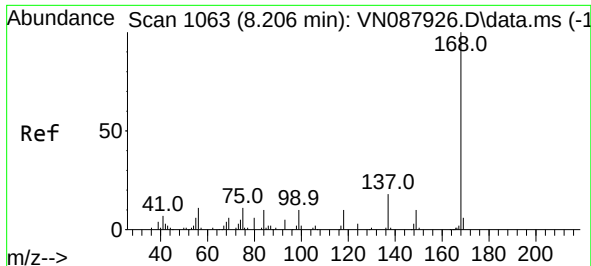
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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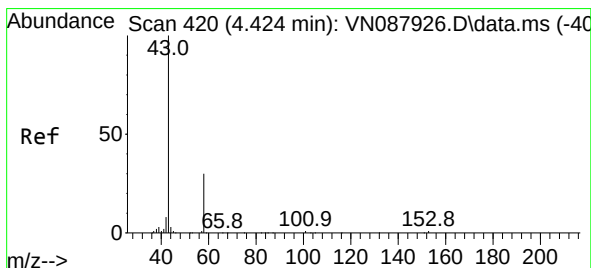
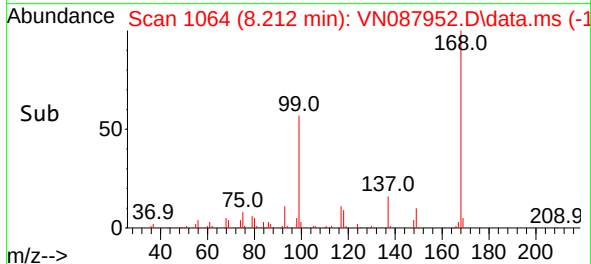
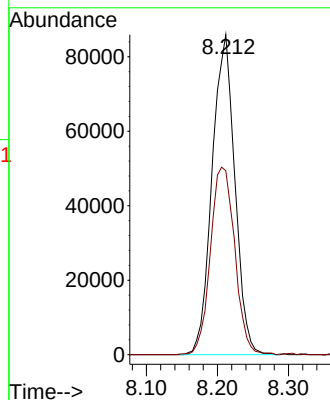
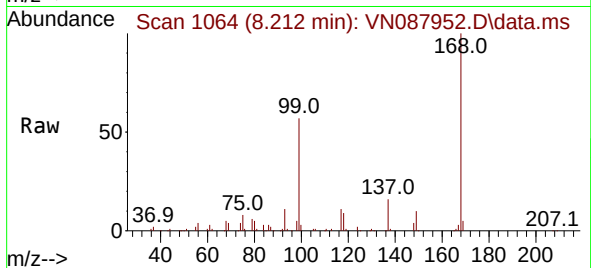




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

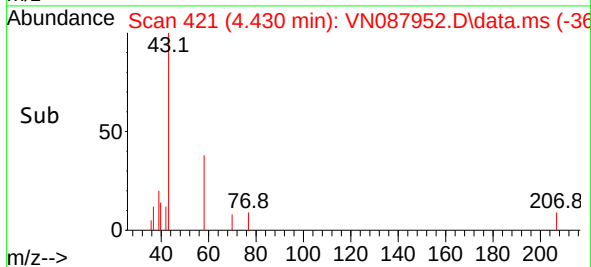
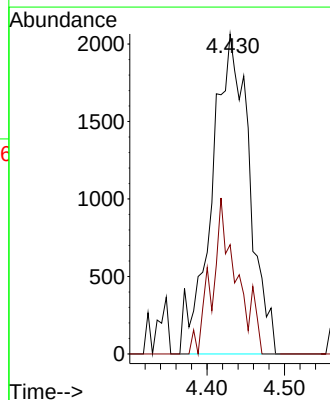
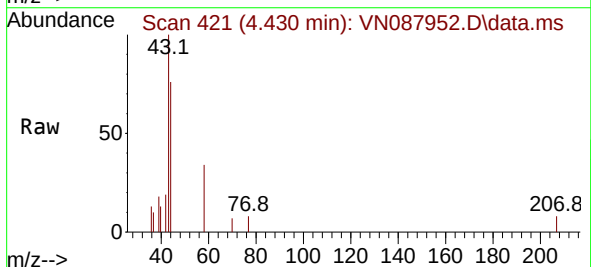
Instrument :
MSVOA_N
ClientSampleId :
PB169819TB

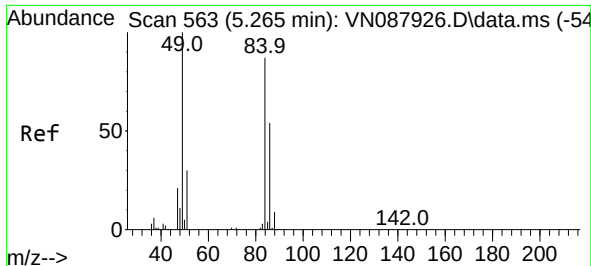
Tgt Ion:168 Resp: 190830
Ion Ratio Lower Upper
168 100
99 57.3 52.2 78.2



#16
Acetone
Concen: 5.258 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

Tgt Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
58 34.1 24.1 36.1

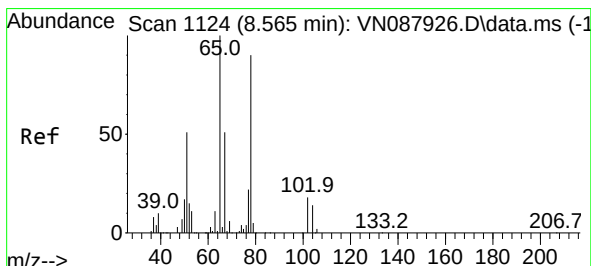
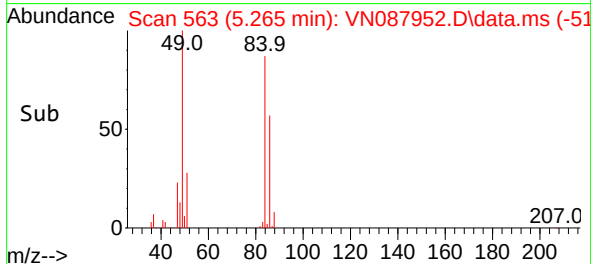
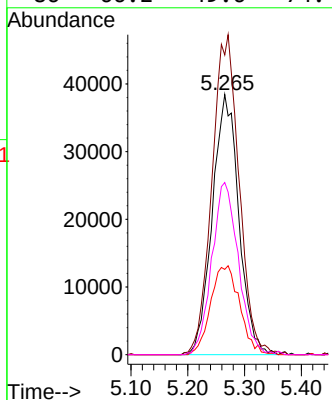
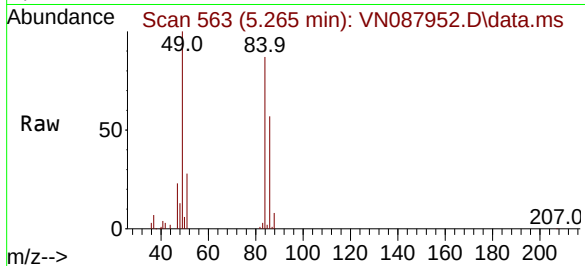




#20
Methylene Chloride
Concen: 46.529 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

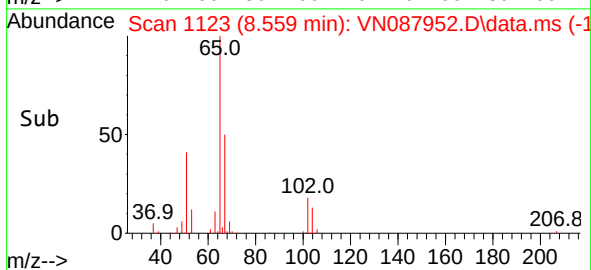
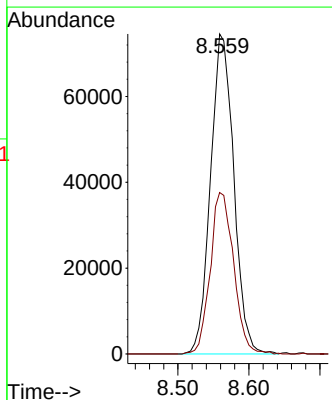
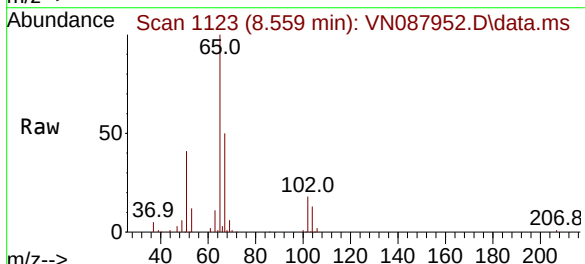
Instrument :
MSVOA_N
ClientSampleId :
PB169819TB

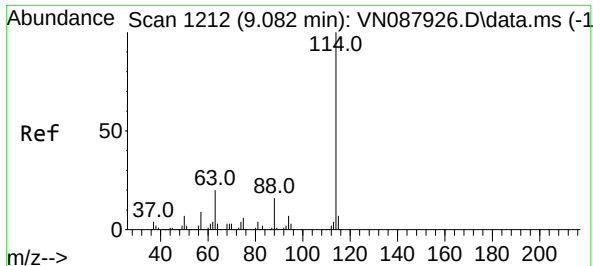
Tgt Ion:	84	Resp:	124445
Ion	Ratio	Lower	Upper
84	100		
49	115.2	92.1	138.1
51	32.8	27.7	41.5
86	66.2	49.6	74.4



#33
1,2-Dichloroethane-d4
Concen: 52.715 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

Tgt Ion:	65	Resp:	169296
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087952.D

Acq: 25 Sep 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB169819TB

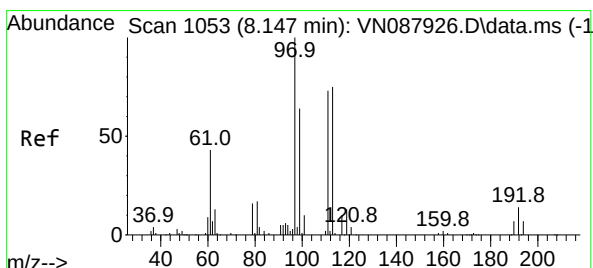
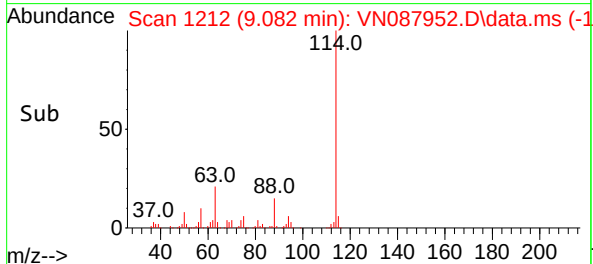
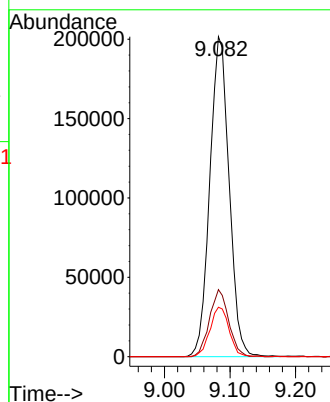
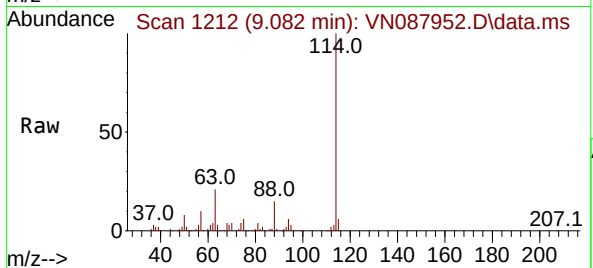
Tgt Ion:114 Resp: 412227

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.688 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087952.D

Acq: 25 Sep 2025 14:17

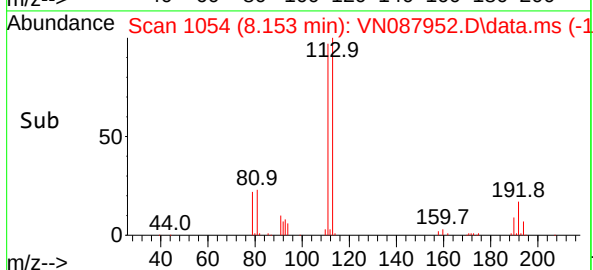
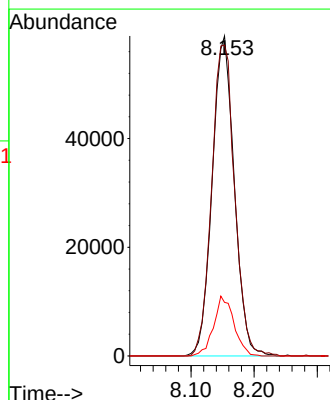
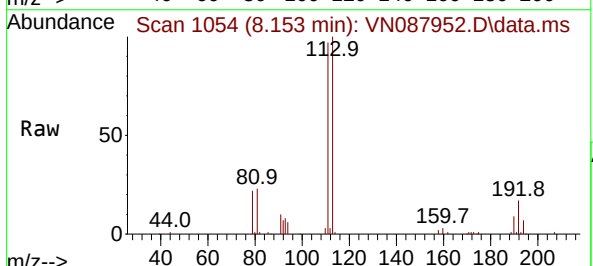
Tgt Ion:113 Resp: 142729

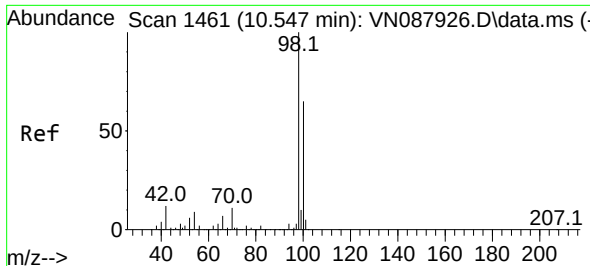
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 17.2 14.2 21.2

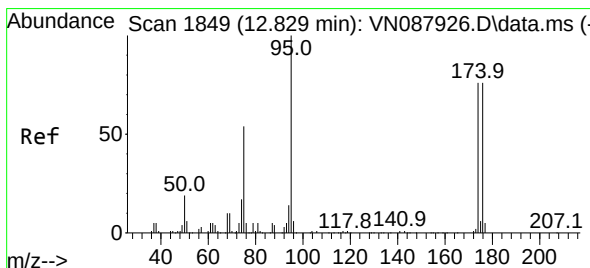
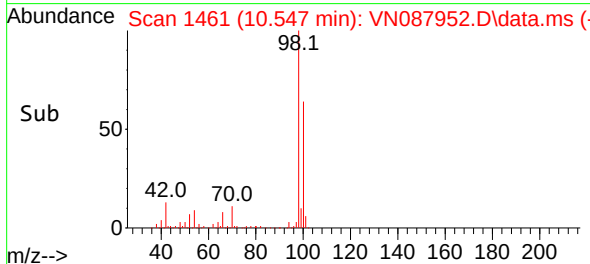
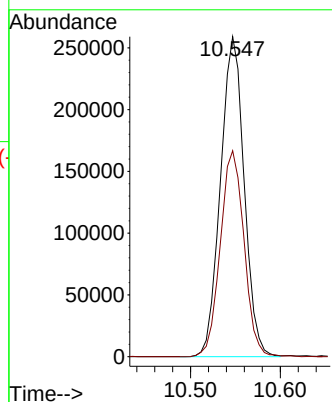
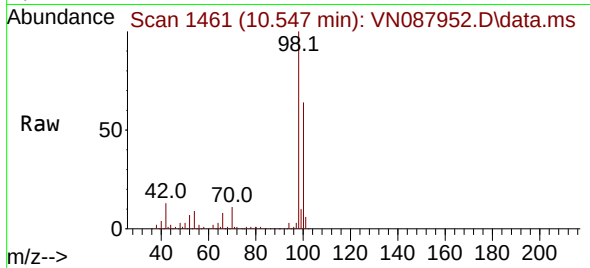




#50
Toluene-d8
Concen: 44.990 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

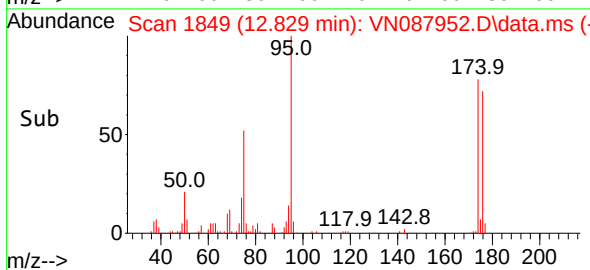
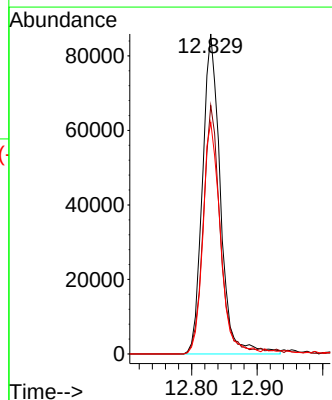
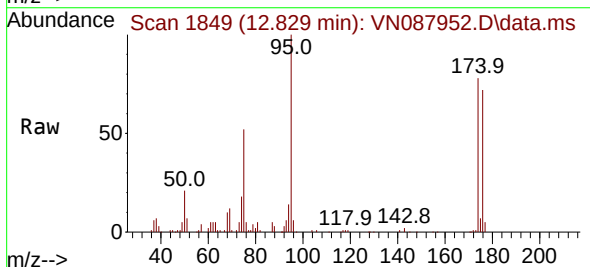
Instrument :
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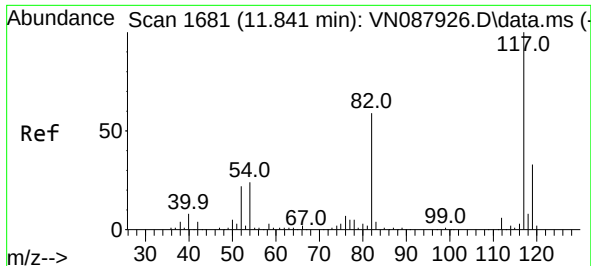
Tgt Ion: 98 Resp: 473532
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.342 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

Tgt Ion: 95 Resp: 163062
Ion Ratio Lower Upper
95 100
174 74.4 0.0 159.2
176 70.8 0.0 152.6

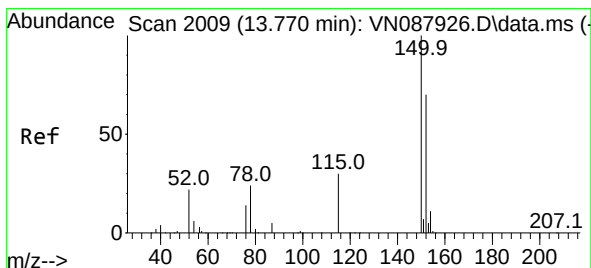
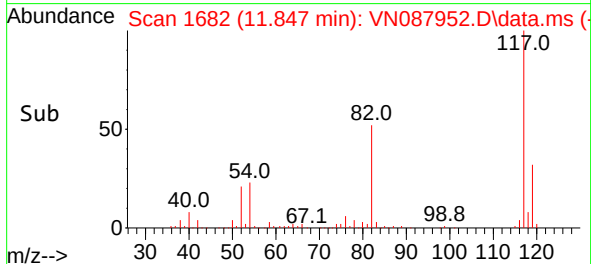
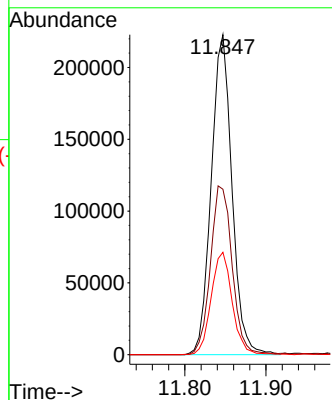
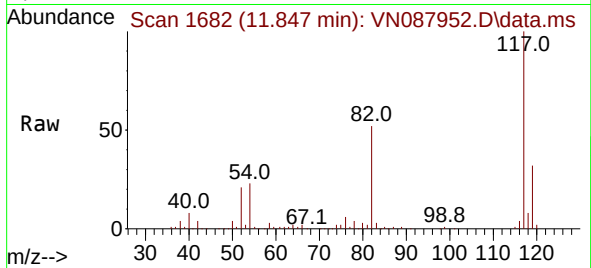




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
PB169819TB

Tgt Ion:117 Resp: 395284
Ion Ratio Lower Upper
117 100
82 51.7 47.0 70.4
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087952.D
Acq: 25 Sep 2025 14:17

Tgt Ion:152 Resp: 181399
Ion Ratio Lower Upper
152 100
115 63.5 29.9 89.7
150 159.2 0.0 335.0

