

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085975.D
 Acq On : 13 Mar 2025 13:00
 Operator : JC\MD
 Sample : PB167104TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167104TB

Quant Time: Mar 14 00:28:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

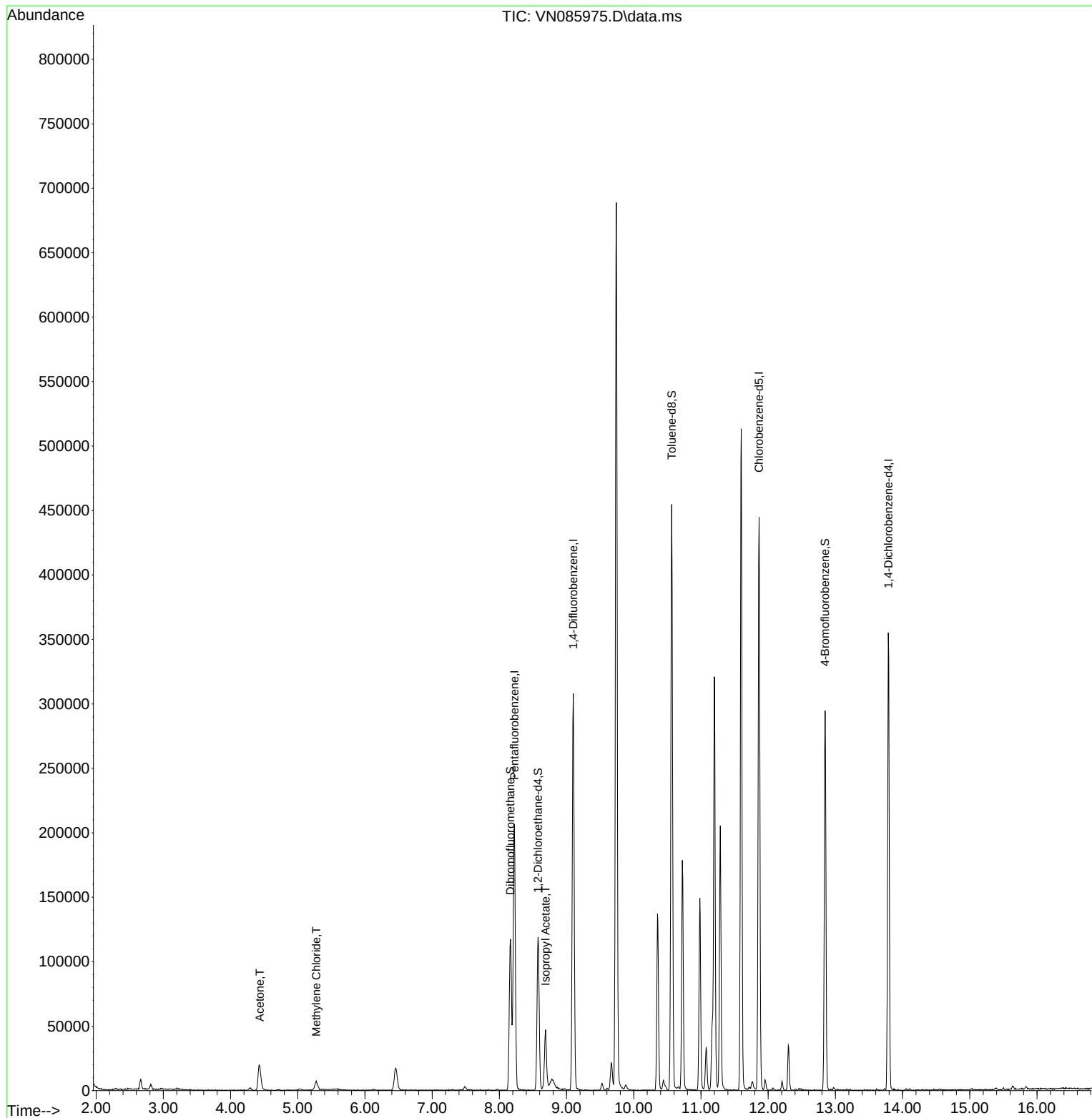
Internal Standards						
1) Pentafluorobenzene	8.224	168	150123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102826	52.832	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.660%		
35) Dibromofluoromethane	8.165	113	84852	48.868	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.740%		
50) Toluene-d8	10.565	98	316470	50.095	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.180%		
62) 4-Bromofluorobenzene	12.847	95	104826	50.362	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.720%		
Target Compounds						Qvalue
16) Acetone	4.436	43	37419	60.761	ug/l	96
20) Methylene Chloride	5.277	84	5433	2.743	ug/l	91
43) Isopropyl Acetate	8.688	43	49415	13.525	ug/l #	89

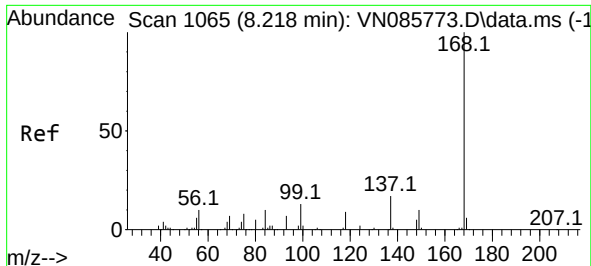
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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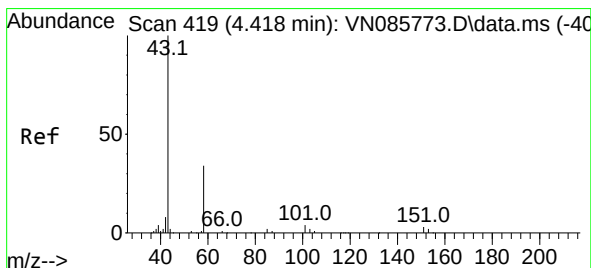
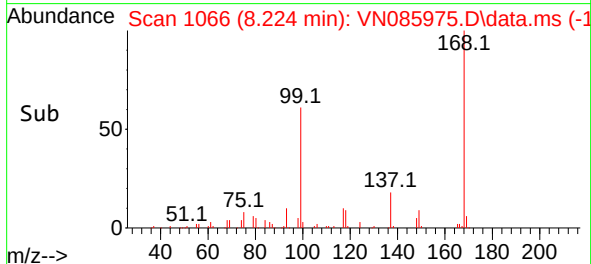
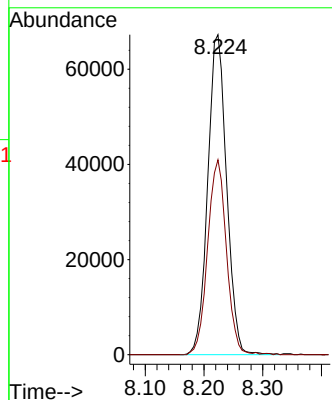
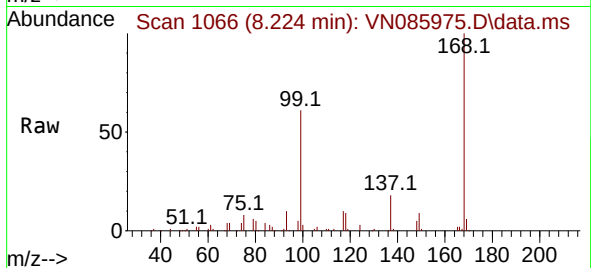




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085975.D
Acq: 13 Mar 2025 13:00

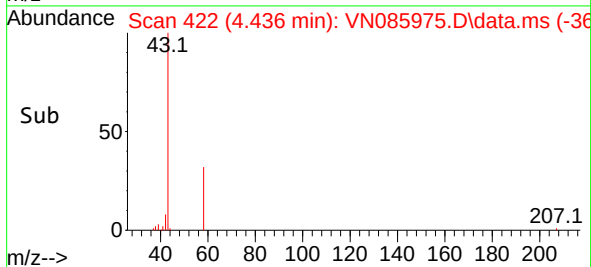
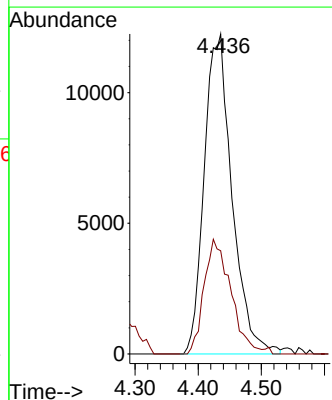
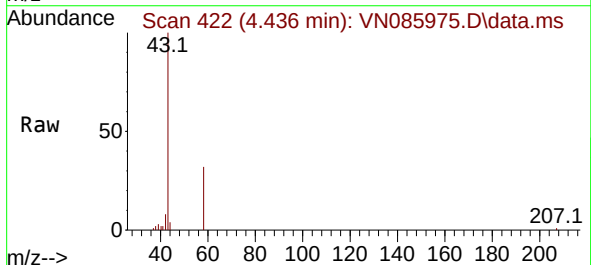
Instrument :
MSVOA_N
ClientSampleId :
PB167104TB

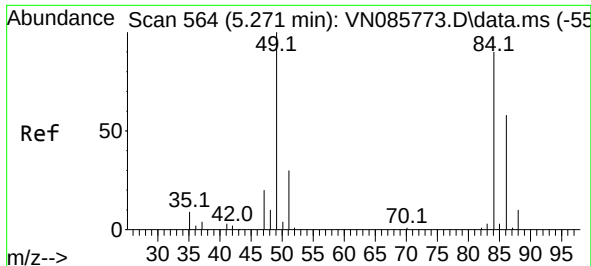
Tgt Ion:168 Resp: 150123
Ion Ratio Lower Upper
168 100
99 60.9 47.9 71.9



#16
Acetone
Concen: 60.761 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085975.D
Acq: 13 Mar 2025 13:00

Tgt Ion: 43 Resp: 37419
Ion Ratio Lower Upper
43 100
58 32.2 27.5 41.3

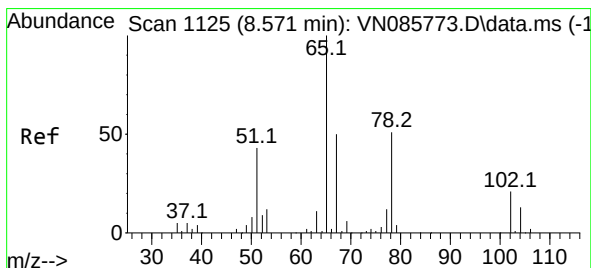
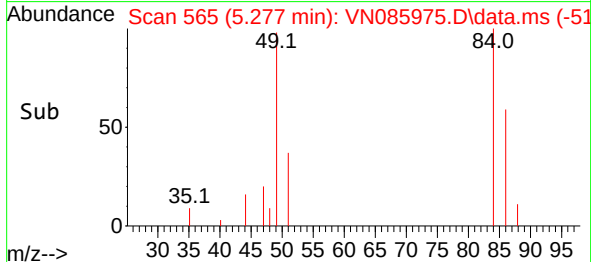
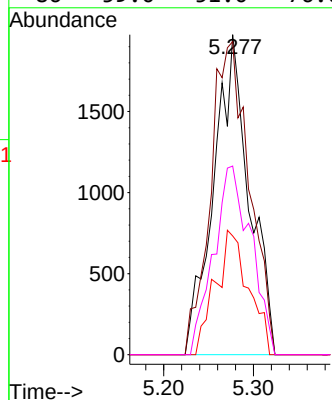
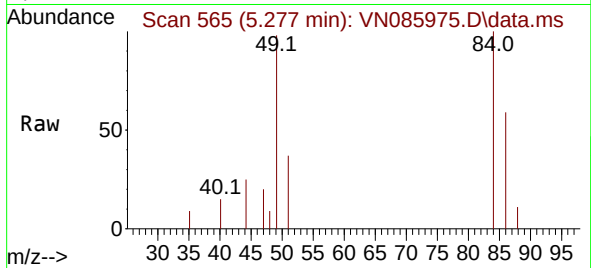




#20
Methylene Chloride
Concen: 2.743 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085975.D
Acq: 13 Mar 2025 13:00

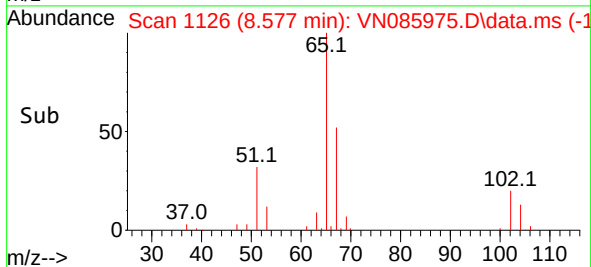
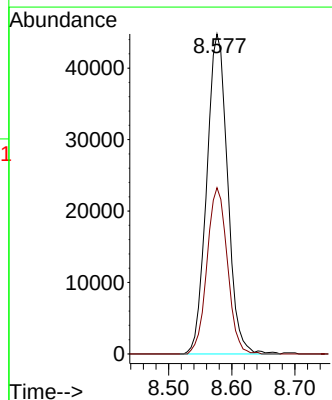
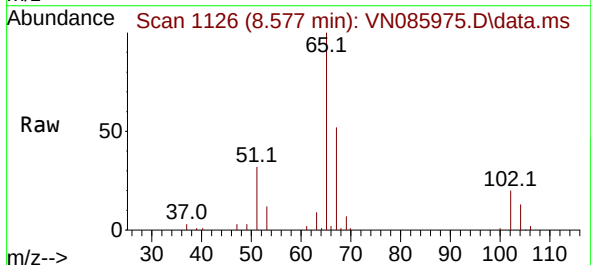
Instrument :
MSVOA_N
ClientSampleId :
PB167104TB

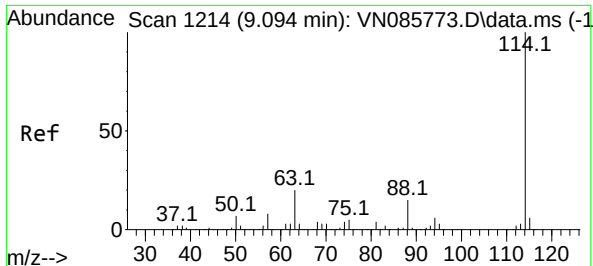
Tgt Ion: 84	Resp: 5433
Ion Ratio	Lower Upper
84 100	
49 97.9	88.4 132.6
51 37.1	26.6 40.0
86 59.0	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.832 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085975.D
Acq: 13 Mar 2025 13:00

Tgt Ion: 65	Resp: 102826
Ion Ratio	Lower Upper
65 100	
67 50.6	0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085975.D

Acq: 13 Mar 2025 13:00

Instrument :

MSVOA_N

ClientSampleId :

PB167104TB

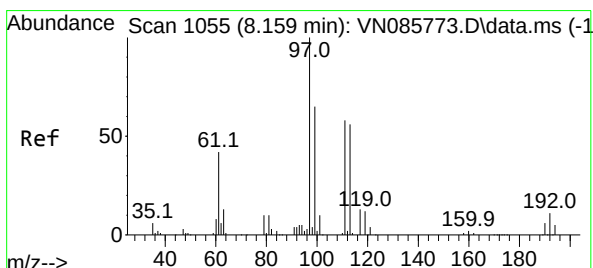
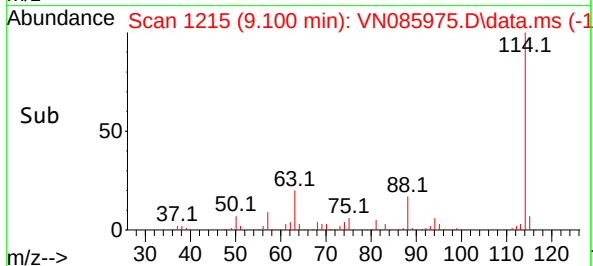
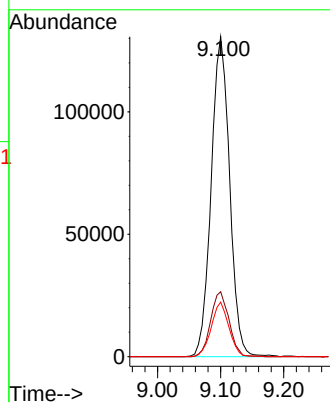
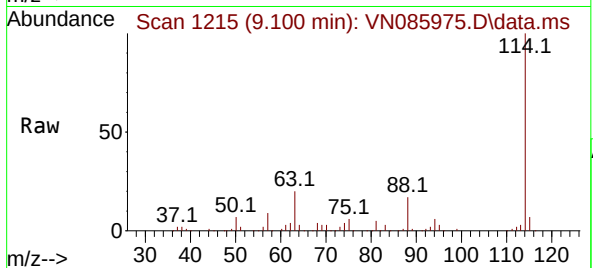
Tgt Ion:114 Resp: 265356

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 17.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 48.868 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085975.D

Acq: 13 Mar 2025 13:00

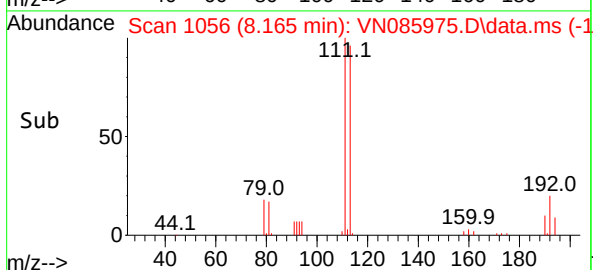
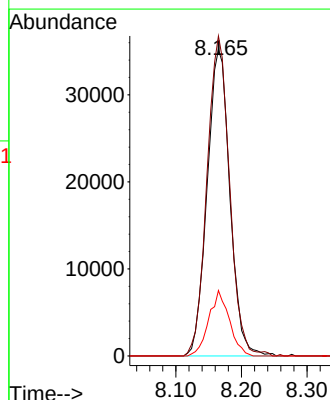
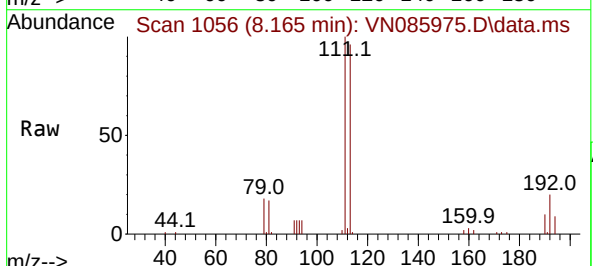
Tgt Ion:113 Resp: 84852

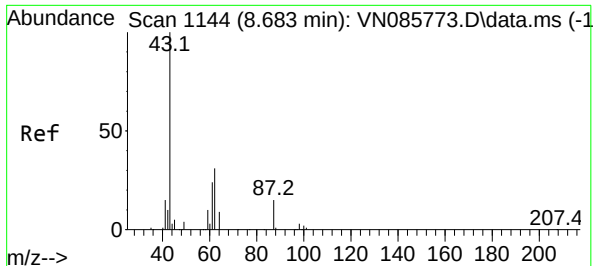
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.3 14.7 22.1





#43

Isopropyl Acetate

Concen: 13.525 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085975.D

Acq: 13 Mar 2025 13:00

Instrument :

MSVOA_N

ClientSampleId :

PB167104TB

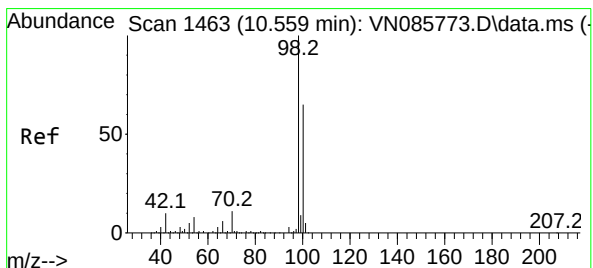
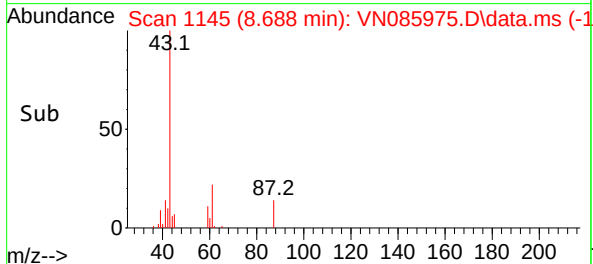
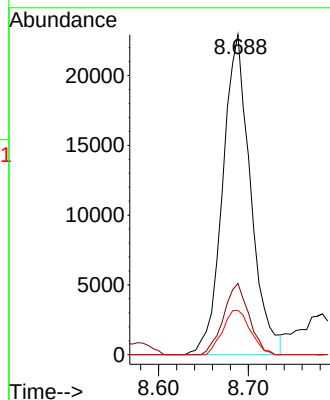
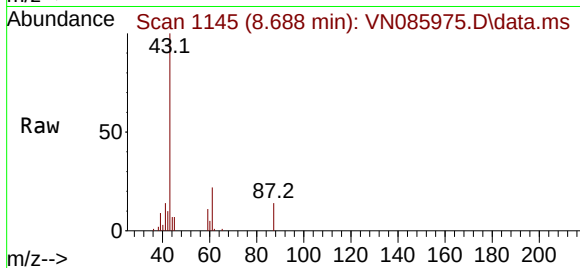
Tgt Ion: 43 Resp: 49415

Ion Ratio Lower Upper

43 100

61 20.3 22.6 34.0#

87 13.8 11.8 17.8



#50

Toluene-d8

Concen: 50.095 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085975.D

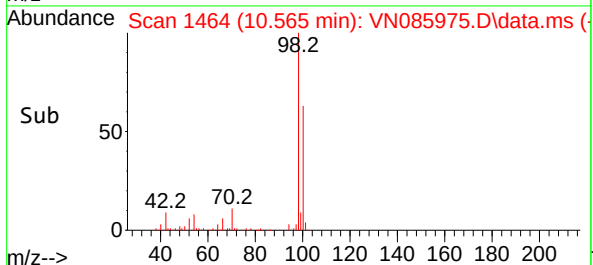
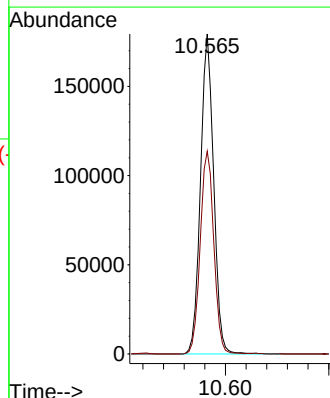
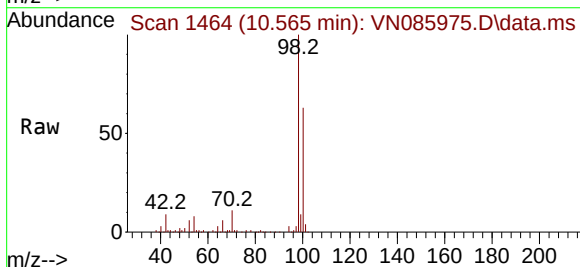
Acq: 13 Mar 2025 13:00

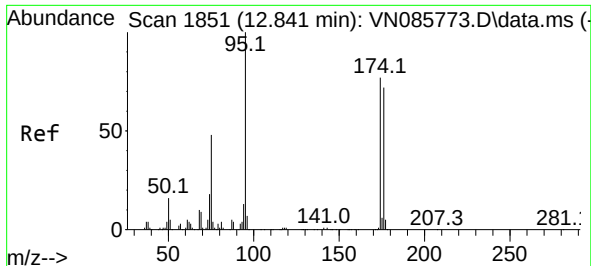
Tgt Ion: 98 Resp: 316470

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1

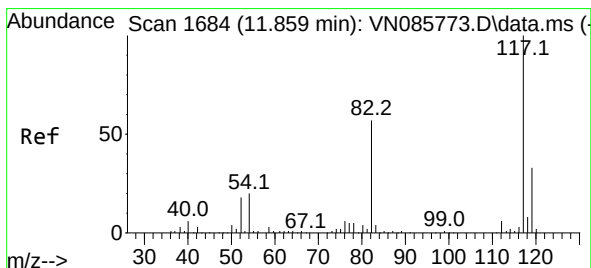
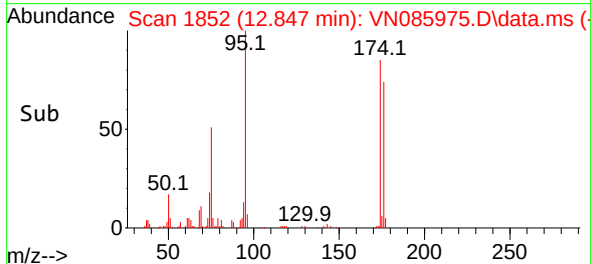
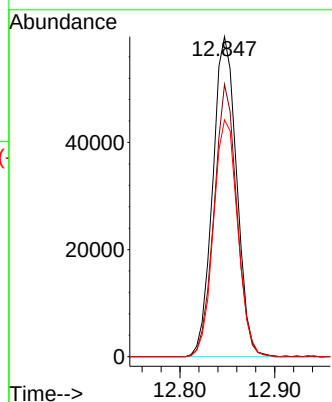
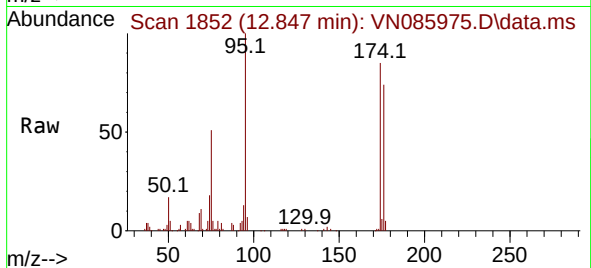




#62
4-Bromofluorobenzene
Concen: 50.362 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085975.D
Acq: 13 Mar 2025 13:00

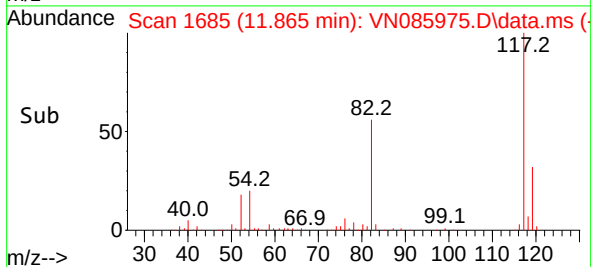
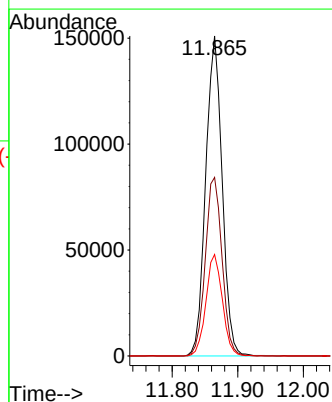
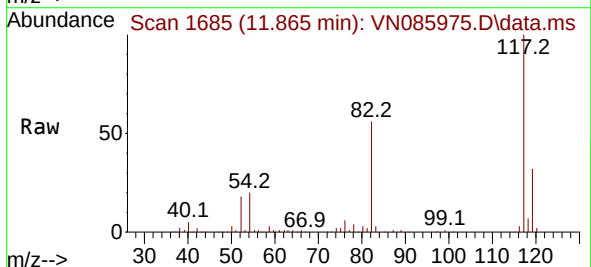
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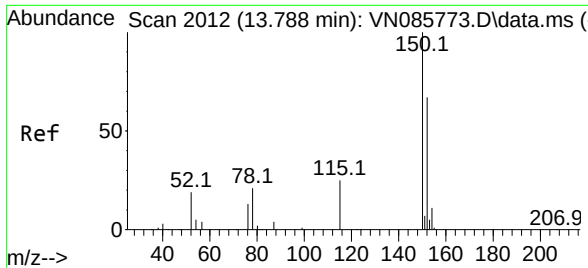
Tgt Ion: 95 Resp: 104826
Ion Ratio Lower Upper
95 100
174 80.9 0.0 152.4
176 75.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085975.D
Acq: 13 Mar 2025 13:00

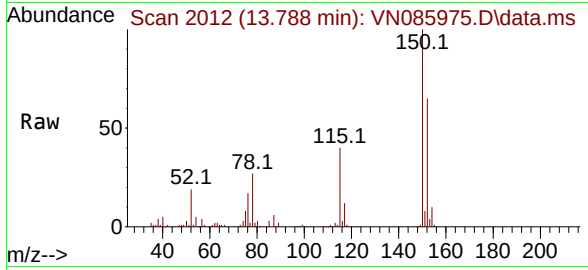
Tgt Ion: 117 Resp: 263835
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.7 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085975.D
 Acq: 13 Mar 2025 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167104TB



Tgt Ion:	152	Resp:	98477
Ion Ratio	Lower	Upper	
152	100		
115	61.0	30.4	91.3
150	158.6	0.0	345.4

