

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086095.D
 Acq On : 25 Mar 2025 13:03
 Operator : JC\MD
 Sample : PB167276TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276TB

Quant Time: Mar 26 03:15:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

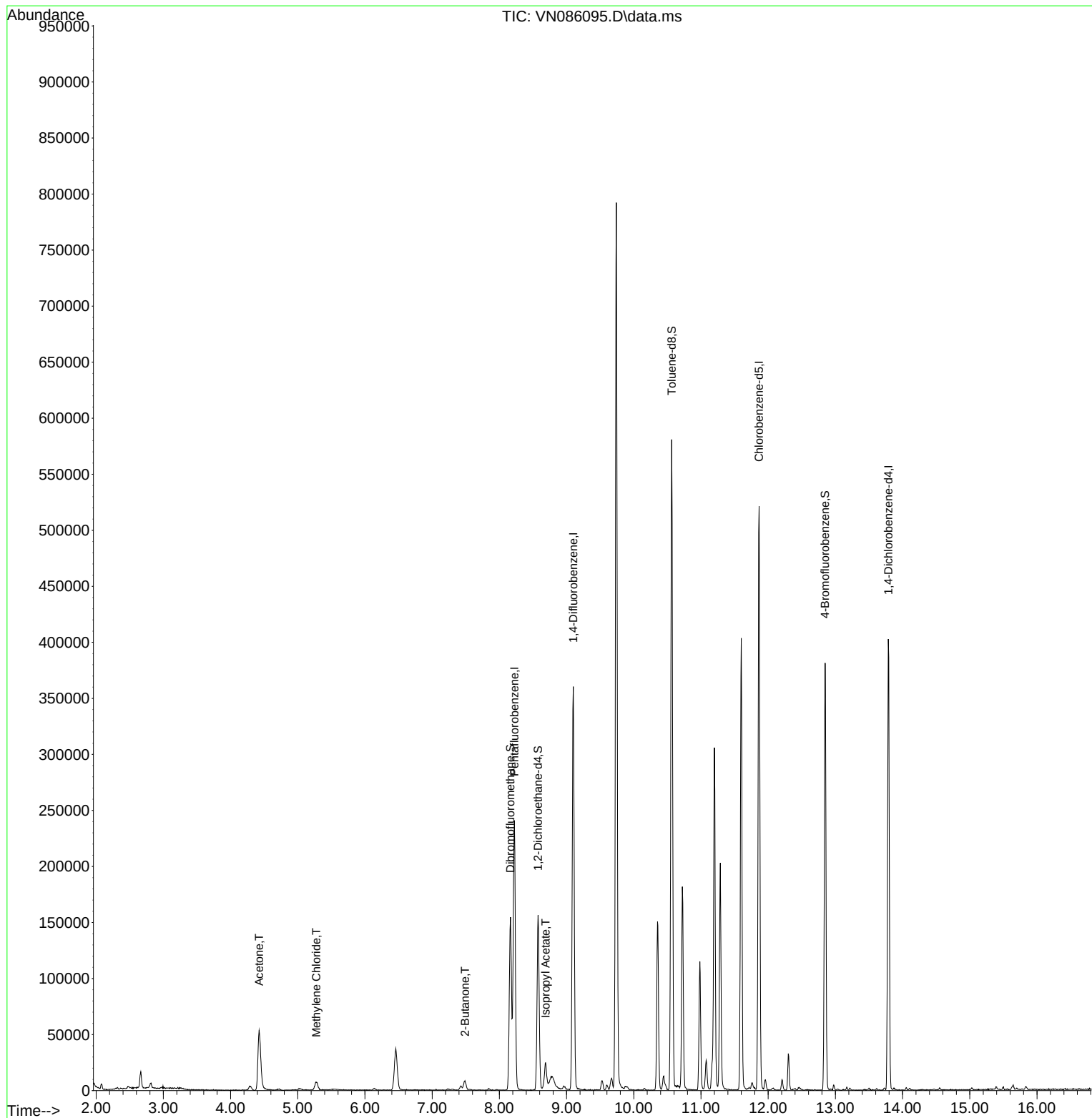
Internal Standards						
1) Pentafluorobenzene	8.224	168	175937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128765	53.448	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.900%		
35) Dibromofluoromethane	8.165	113	111432	50.320	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.640%		
50) Toluene-d8	10.565	98	414296	51.549	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.100%		
62) 4-Bromofluorobenzene	12.847	95	139660	48.726	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 97.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	99799	135.592	ug/l	98
20) Methylene Chloride	5.277	84	6396	2.970	ug/l	86
25) 2-Butanone	7.488	43	13739	12.936	ug/l	98
43) Isopropyl Acetate	8.688	43	27473	5.154	ug/l #	80

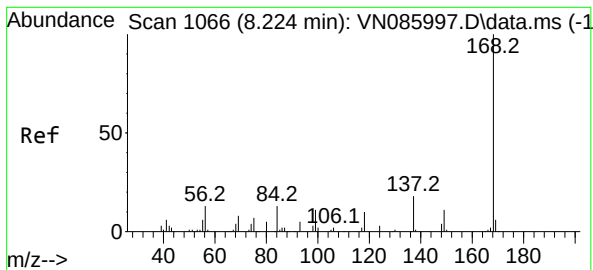
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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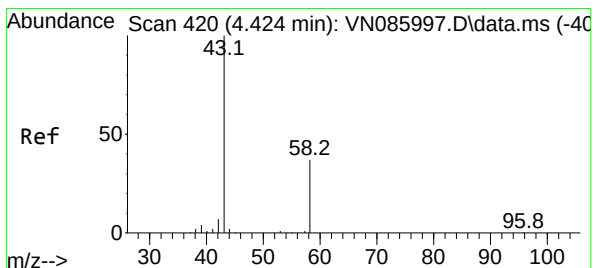
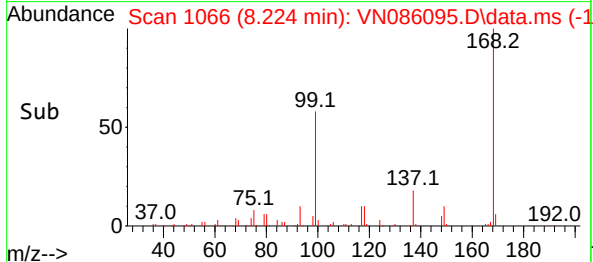
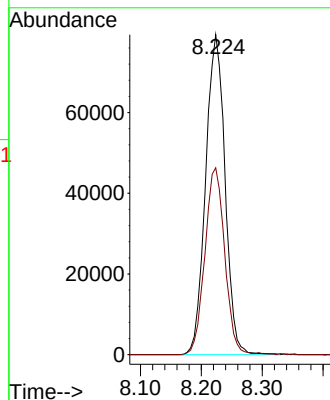
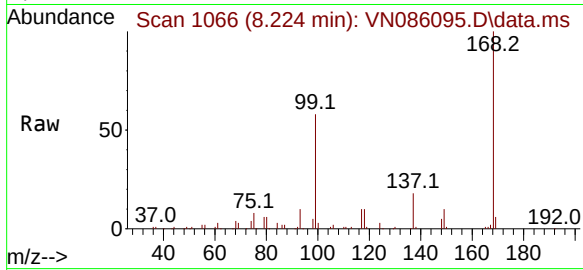




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

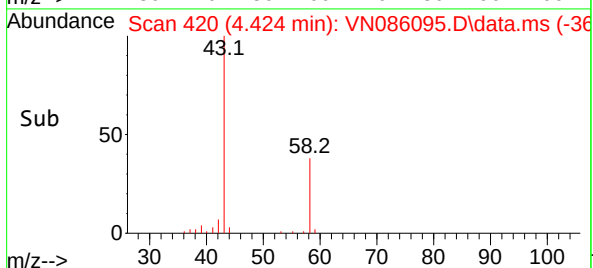
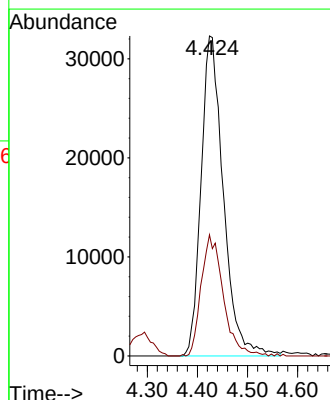
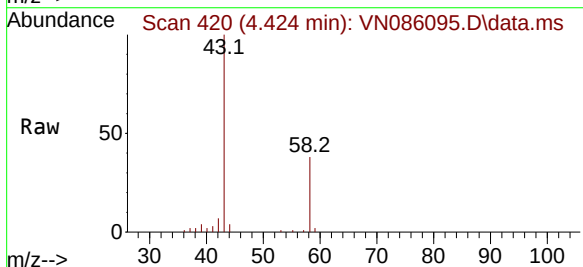
Instrument :
MSVOA_N
ClientSampleId :
PB167276TB

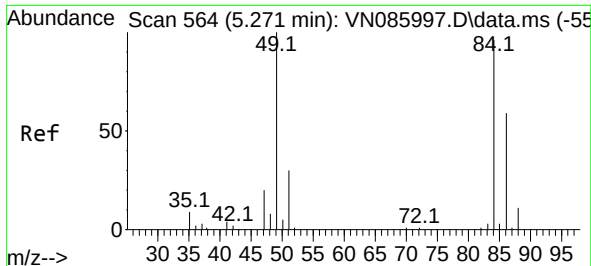
Tgt Ion:168 Resp: 175937
Ion Ratio Lower Upper
168 100
99 58.4 49.4 74.2



#16
Acetone
Concen: 135.592 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Tgt Ion: 43 Resp: 99799
Ion Ratio Lower Upper
43 100
58 37.9 29.4 44.2

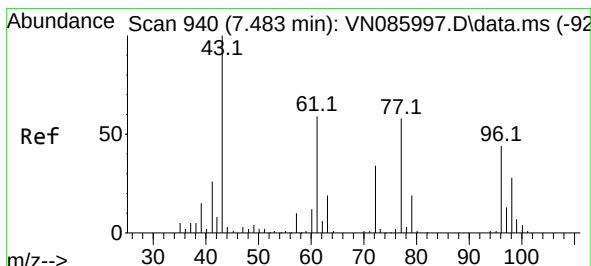
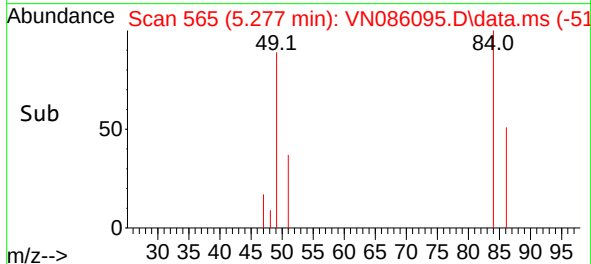
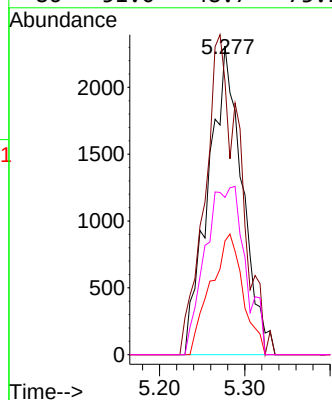
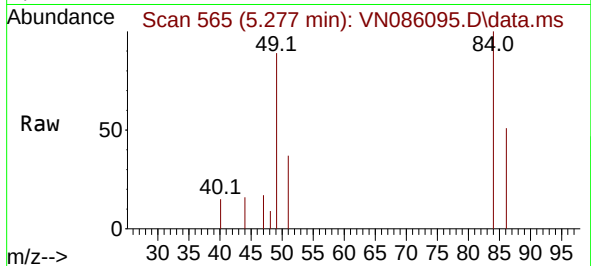




#20
Methylene Chloride
Concen: 2.970 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

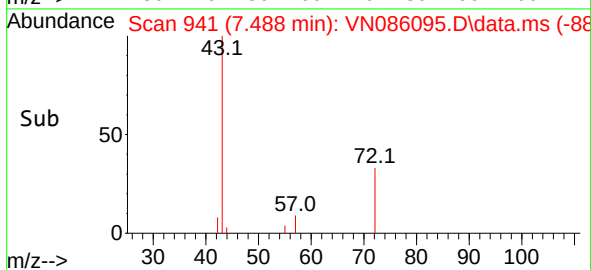
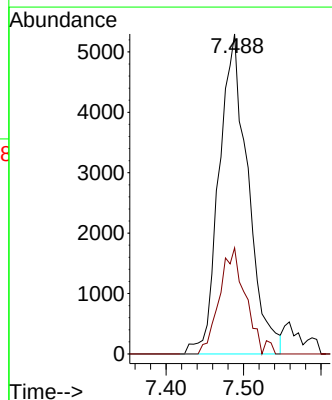
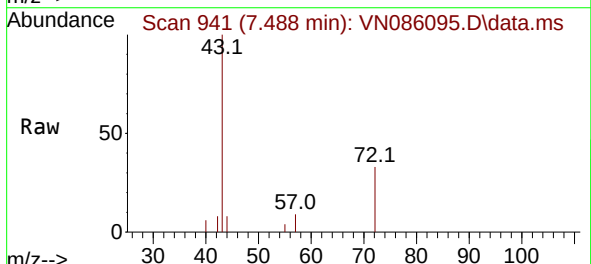
Instrument :
MSVOA_N
ClientSampleId :
PB167276TB

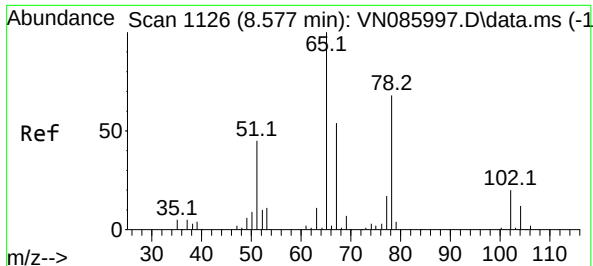
Tgt Ion: 84	Resp: 6396
Ion Ratio	Lower Upper
84 100	
49 88.5	83.3 124.9
51 36.9	24.8 37.2
86 51.0	48.7 73.1



#25
2-Butanone
Concen: 12.936 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Tgt Ion: 43	Resp: 13739
Ion Ratio	Lower Upper
43 100	
72 33.1	27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 53.448 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086095.D

Acq: 25 Mar 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

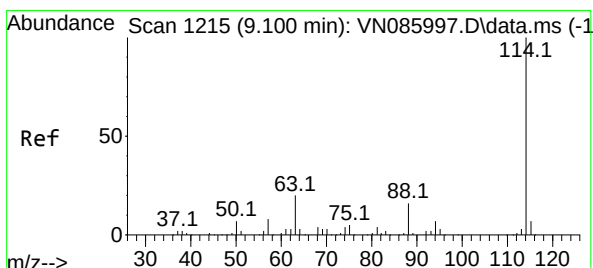
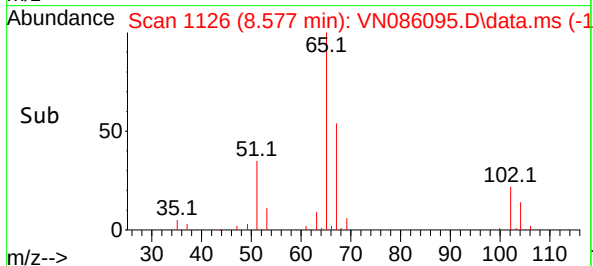
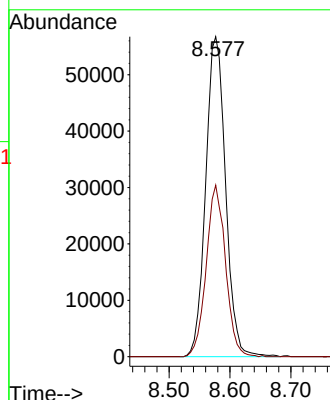
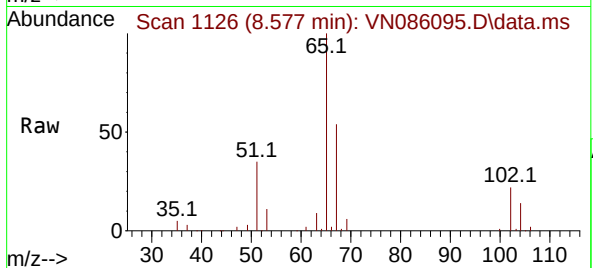
PB167276TB

Tgt Ion: 65 Resp: 128765

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086095.D

Acq: 25 Mar 2025 13:03

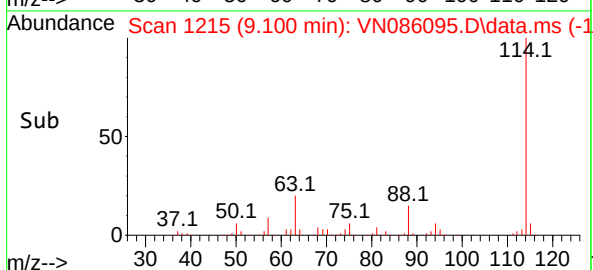
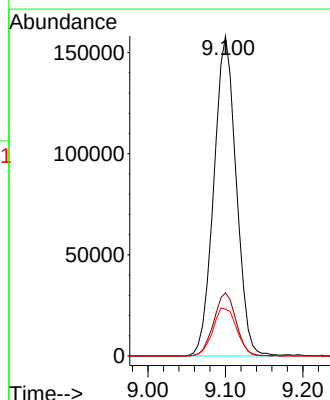
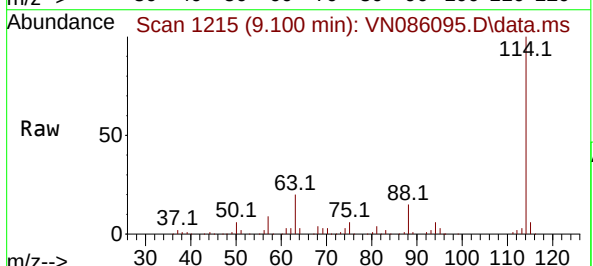
Tgt Ion: 114 Resp: 317263

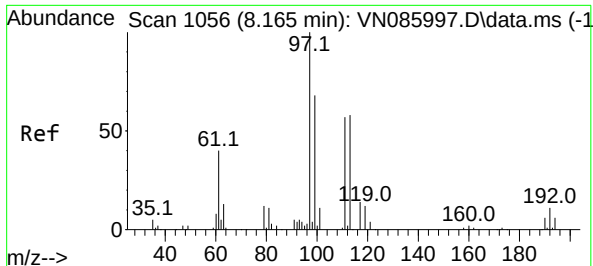
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

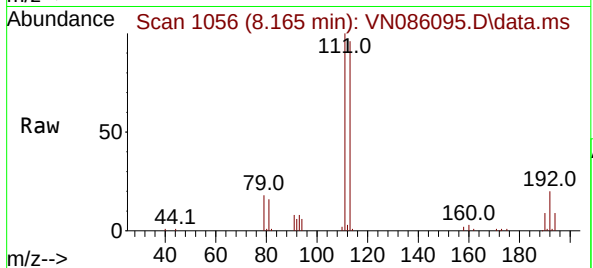
88 14.6 0.0 32.6



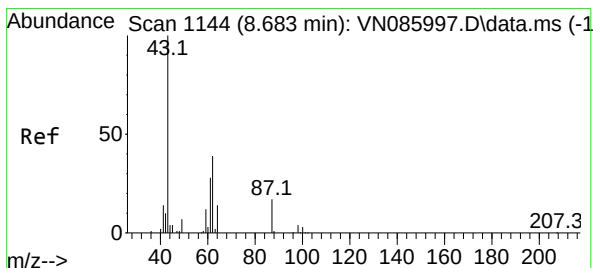
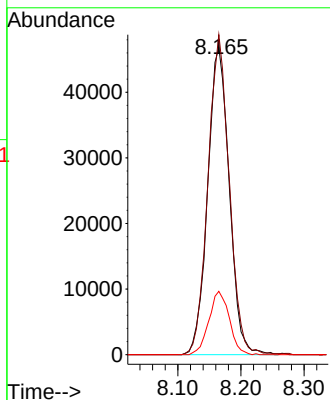
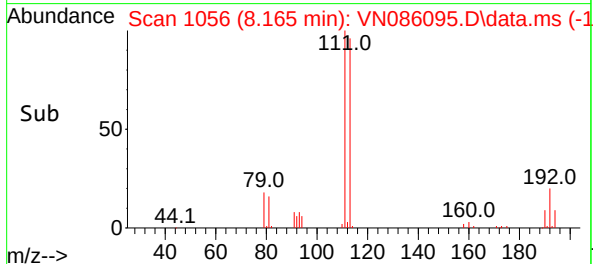


#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 8.165 min Scan# 111432
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
PB167276TB

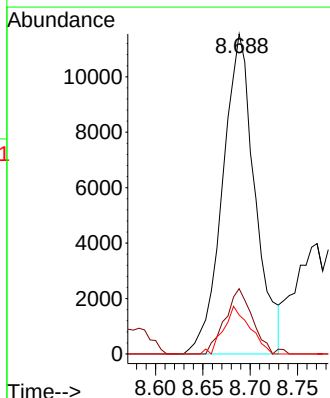
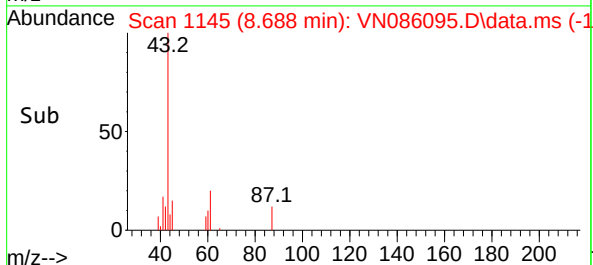
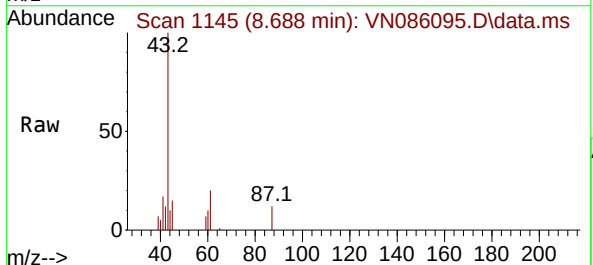


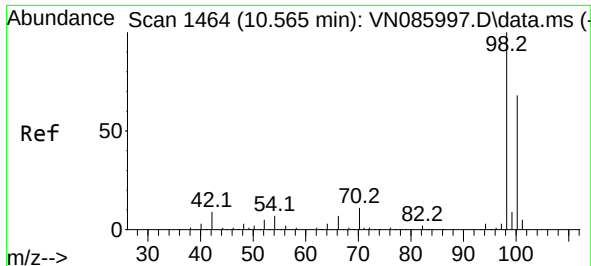
Tgt Ion:113 Resp: 111432
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.5 15.9 23.9



#43
Isopropyl Acetate
Concen: 5.154 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Tgt Ion: 43 Resp: 27473
Ion Ratio Lower Upper
43 100
61 17.5 25.0 37.6#
87 12.0 13.0 19.4#

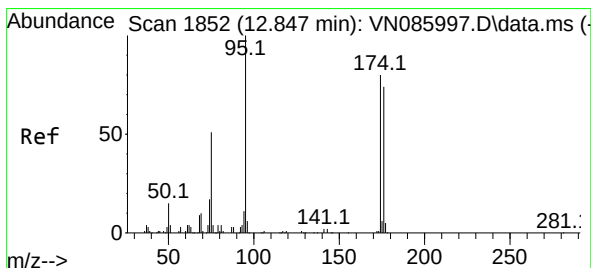
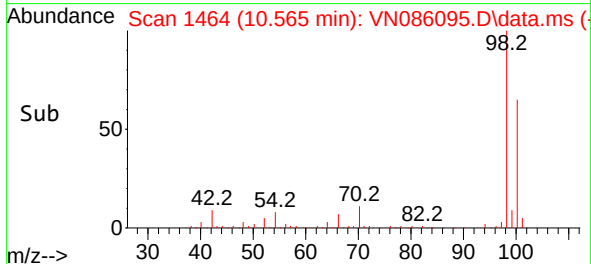
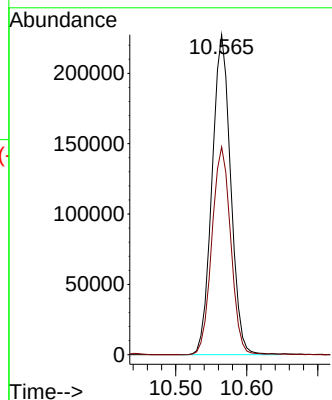
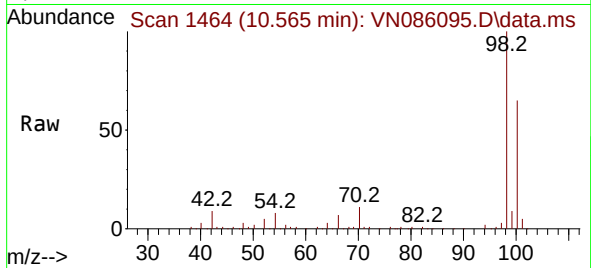




#50
Toluene-d8
Concen: 51.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

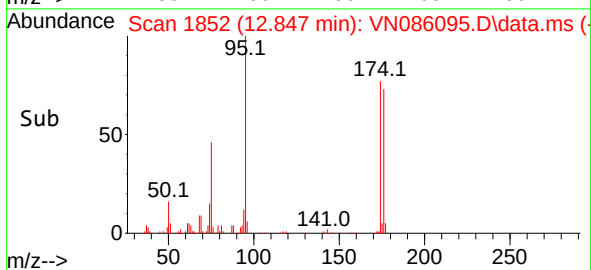
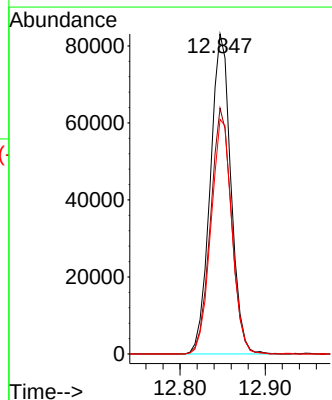
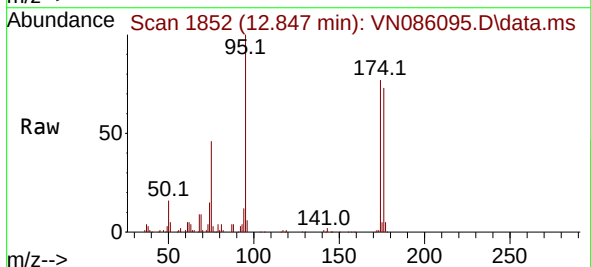
Instrument :
MSVOA_N
ClientSampleId :
PB167276TB

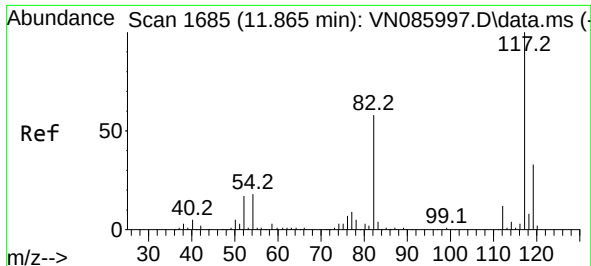
Tgt Ion: 98 Resp: 414296
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.726 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Tgt Ion: 95 Resp: 139660
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.8
176 74.5 0.0 152.2

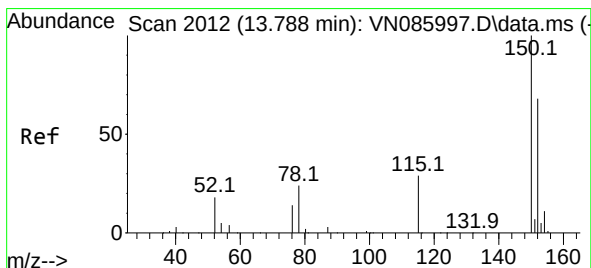
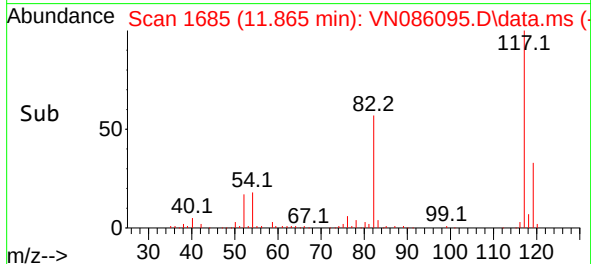
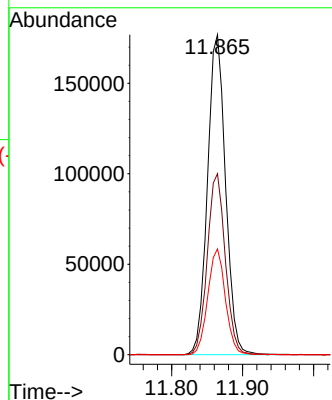
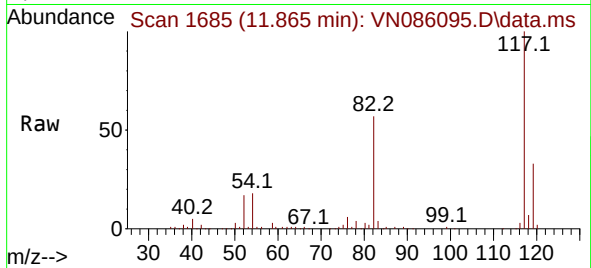




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 312781
Ion Ratio Lower Upper
117 100
82 56.5 46.7 70.1
119 33.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086095.D
Acq: 25 Mar 2025 13:03

Tgt Ion:152 Resp: 117432
Ion Ratio Lower Upper
152 100
115 61.3 31.1 93.2
150 158.2 0.0 359.6

