

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085964.D
 Acq On : 12 Mar 2025 16:54
 Operator : JC\MD
 Sample : PB167050ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#01

Quant Time: Mar 13 01:39:48 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)

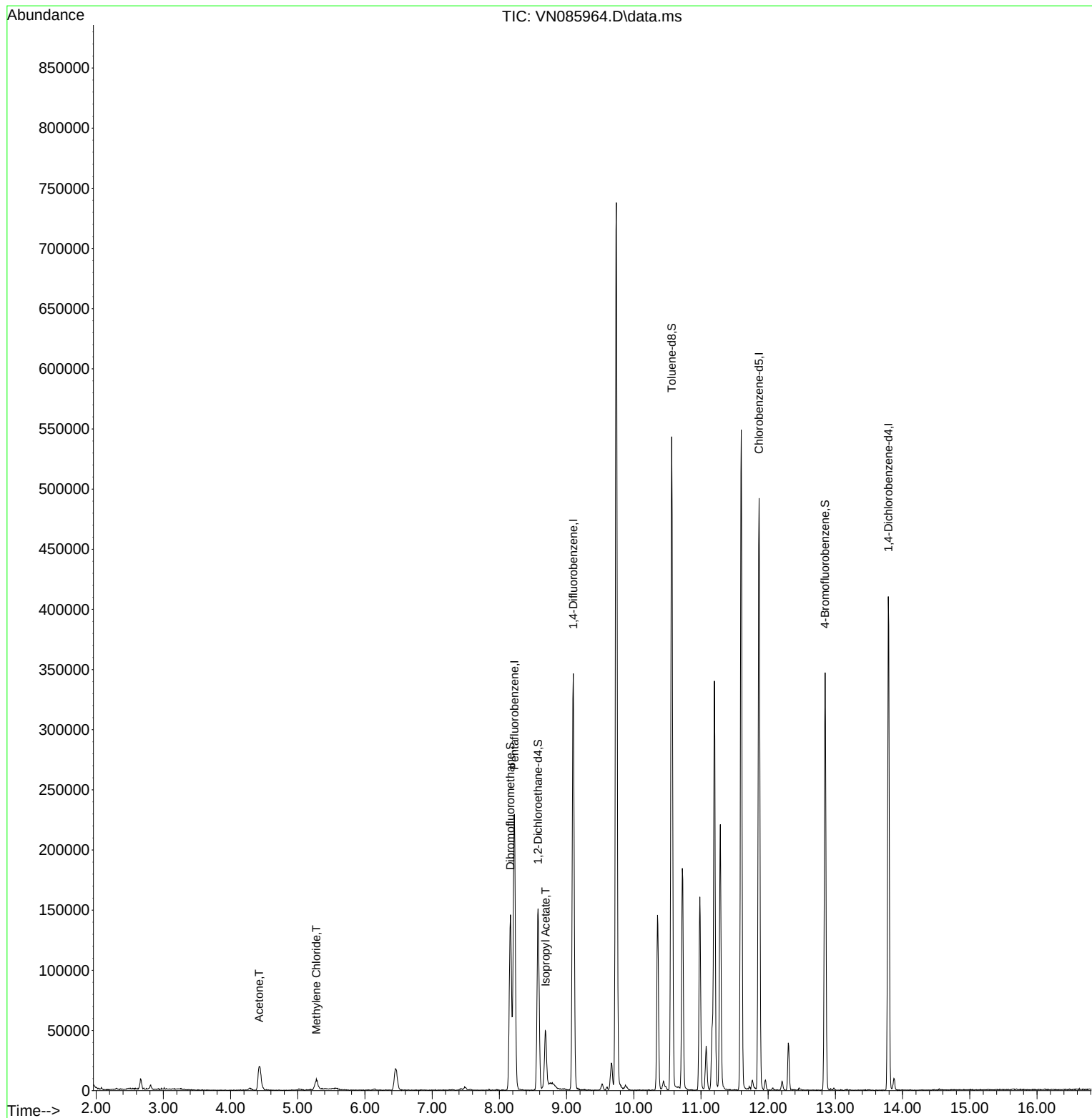
Internal Standards						
1) Pentafluorobenzene	8.224	168	166256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	125209	58.089	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.180%		
35) Dibromofluoromethane	8.165	113	103387	52.617	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.240%		
50) Toluene-d8	10.565	98	383375	53.627	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.260%		
62) 4-Bromofluorobenzene	12.847	95	123434	52.405	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.800%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	39540	57.975	ug/l	90
20) Methylene Chloride	5.277	84	6203	2.828	ug/l	87
43) Isopropyl Acetate	8.688	43	56763	13.737	ug/l #	88

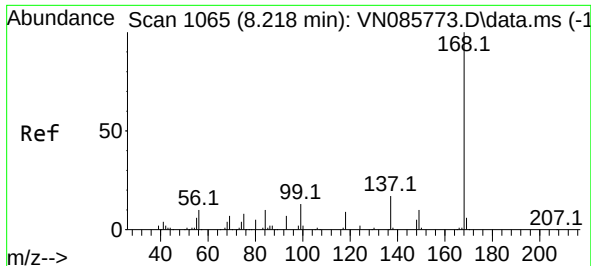
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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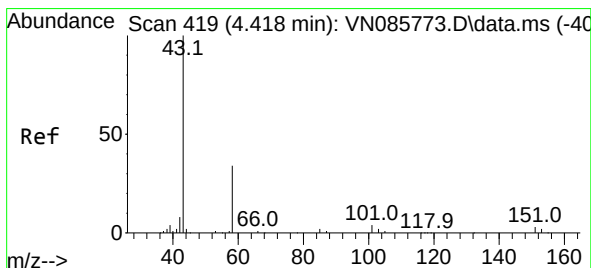
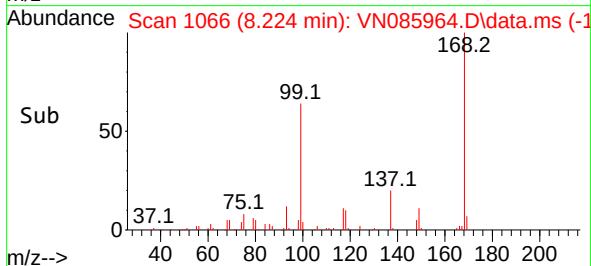
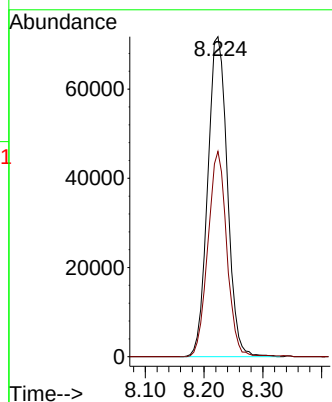
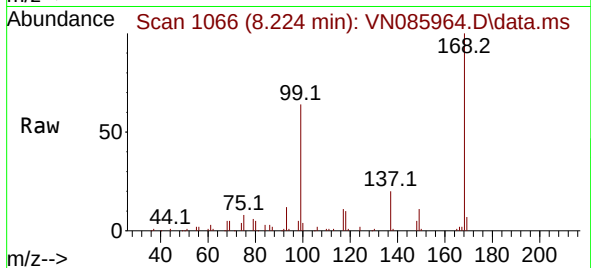




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

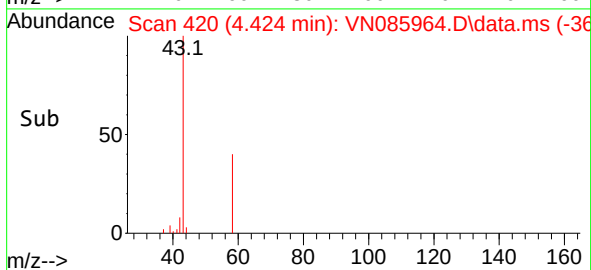
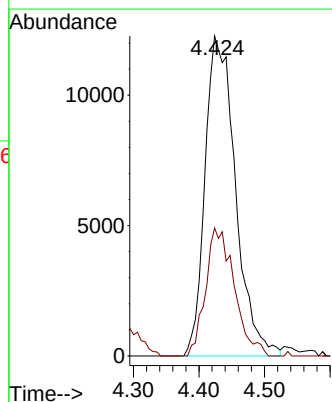
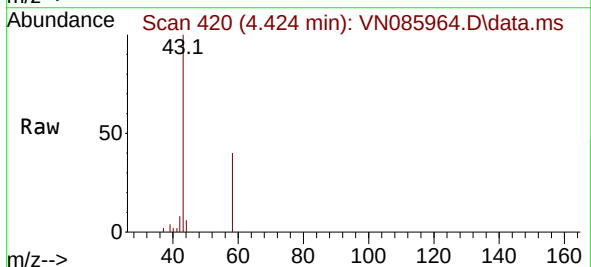
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#01

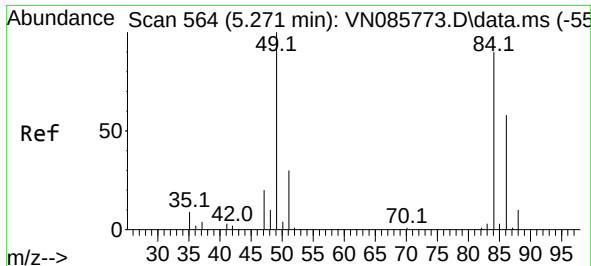
Tgt Ion:168 Resp: 166256
Ion Ratio Lower Upper
168 100
99 64.2 47.9 71.9



#16
Acetone
Concen: 57.975 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

Tgt Ion: 43 Resp: 39540
Ion Ratio Lower Upper
43 100
58 40.0 27.5 41.3



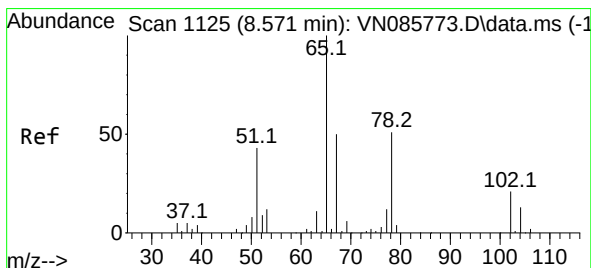
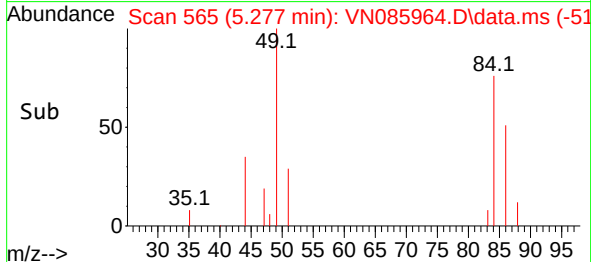
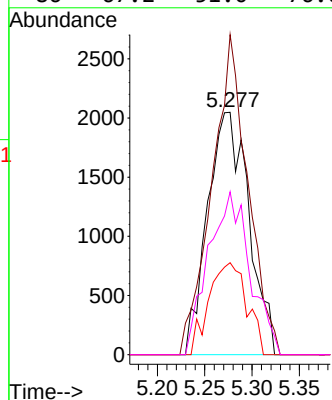
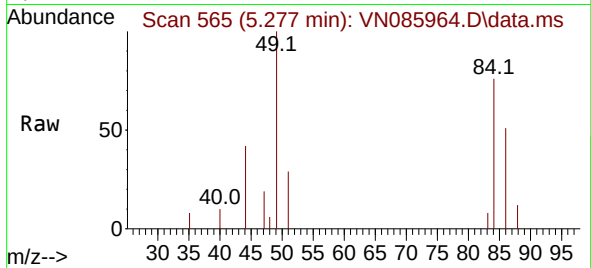


#20
Methylene Chloride
Concen: 2.828 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#01

Tgt Ion: 84 Resp: 6203

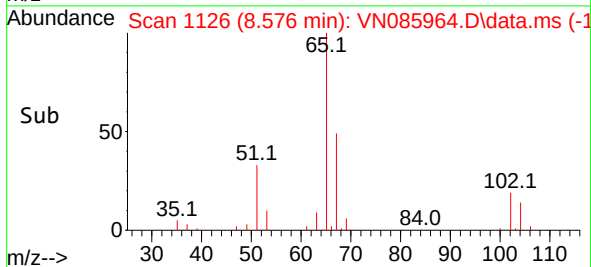
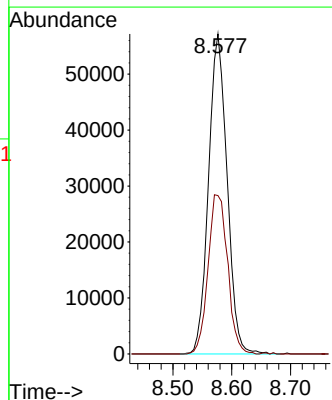
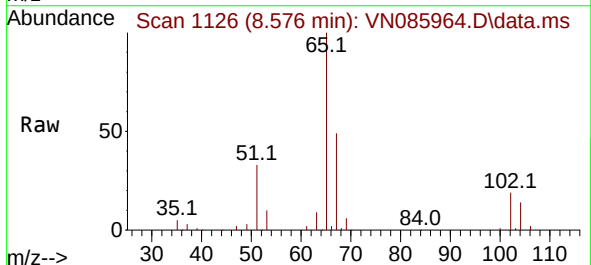
Ion	Ratio	Lower	Upper
84	100		
49	132.0	88.4	132.6
51	37.9	26.6	40.0
86	67.2	51.0	76.6

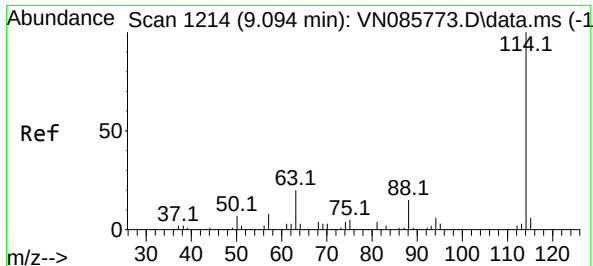


#33
1,2-Dichloroethane-d4
Concen: 58.089 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

Tgt Ion: 65 Resp: 125209

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085964.D

Acq: 12 Mar 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

PB167050ZHE#01

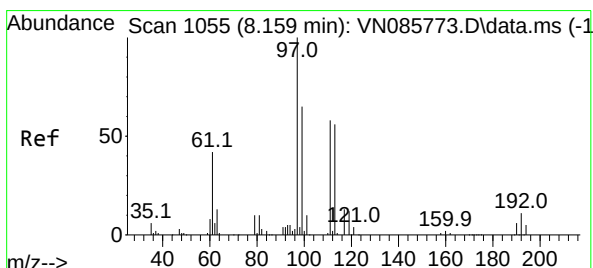
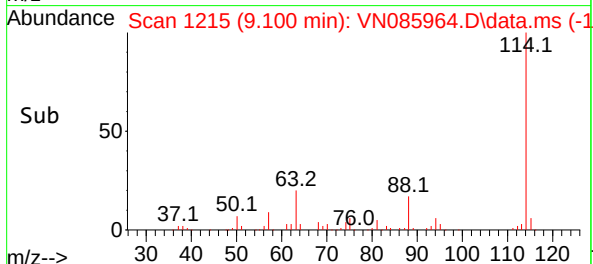
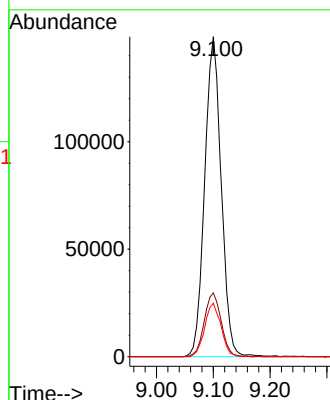
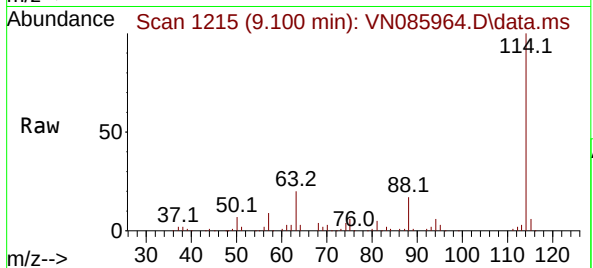
Tgt Ion:114 Resp: 300281

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.617 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085964.D

Acq: 12 Mar 2025 16:54

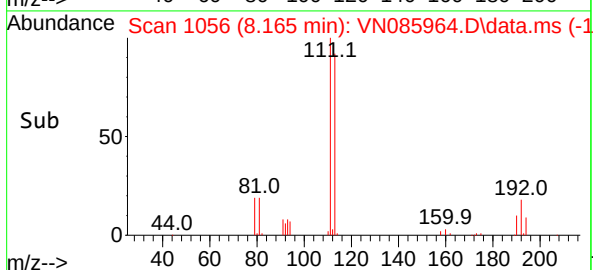
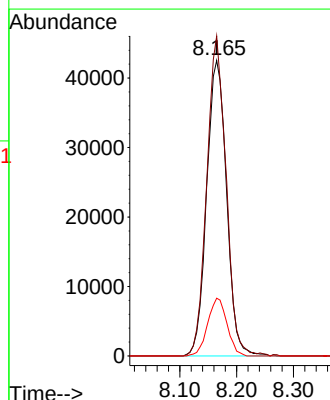
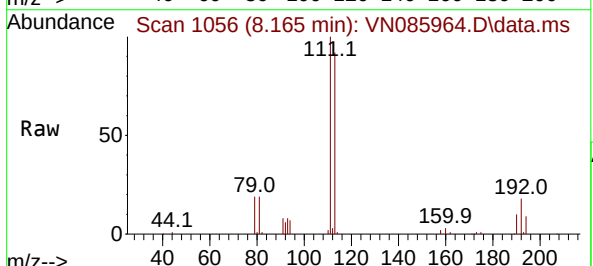
Tgt Ion:113 Resp: 103387

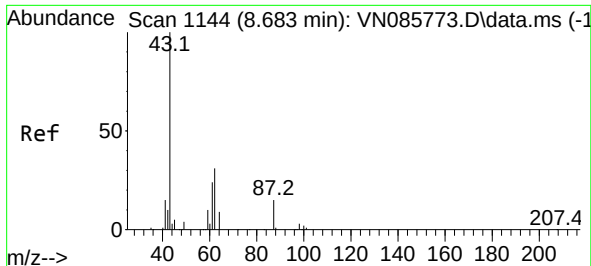
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 19.0 14.7 22.1

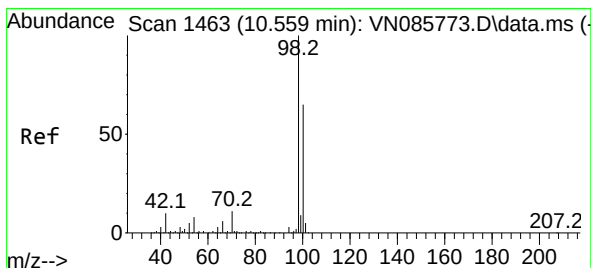
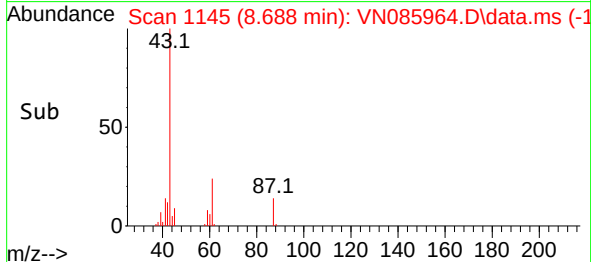
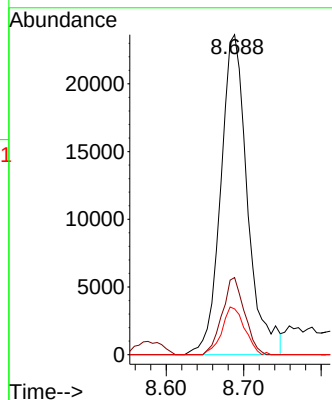
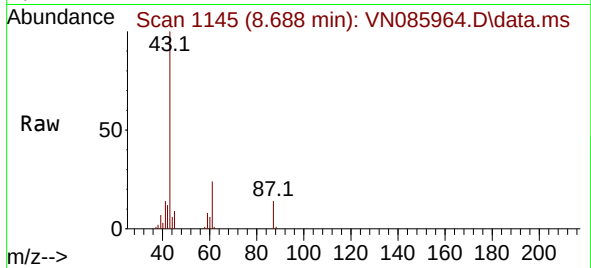




#43
Isopropyl Acetate
Concen: 13.737 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

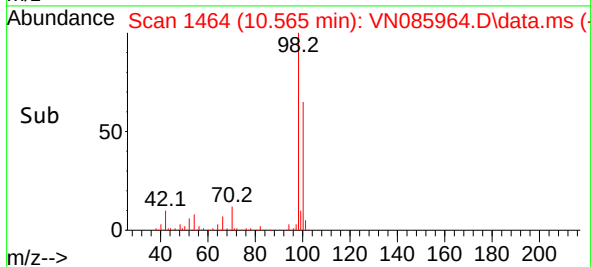
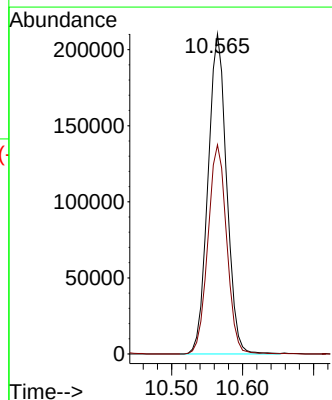
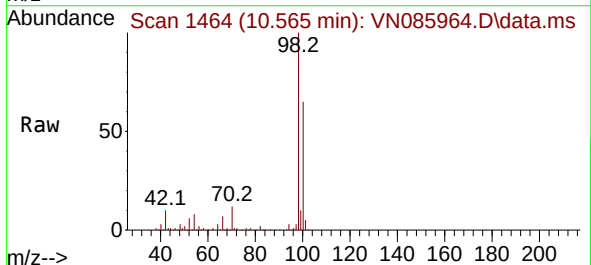
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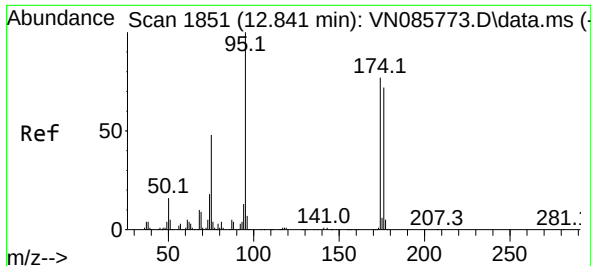
Tgt Ion: 43 Resp: 56763
Ion Ratio Lower Upper
43 100
61 20.1 22.6 34.0#
87 12.7 11.8 17.8



#50
Toluene-d8
Concen: 53.627 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

Tgt Ion: 98 Resp: 383375
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

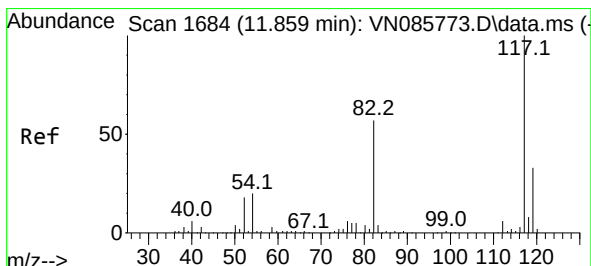
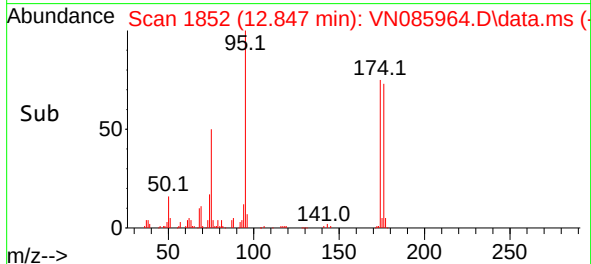
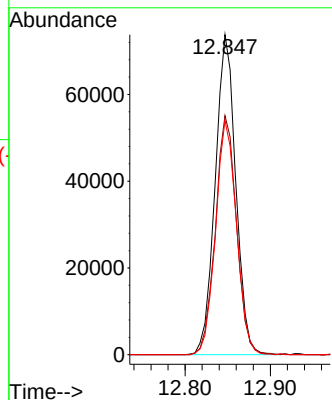
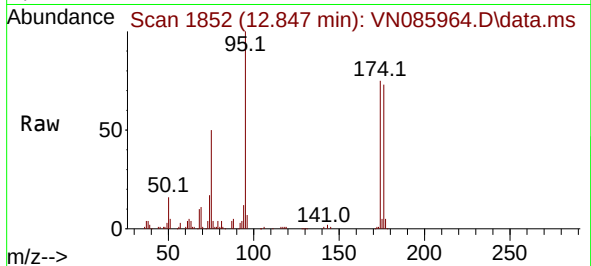




#62
4-Bromofluorobenzene
Concen: 52.405 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

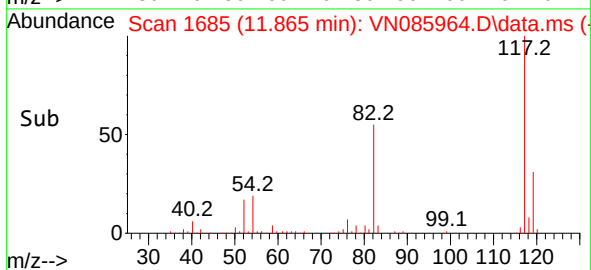
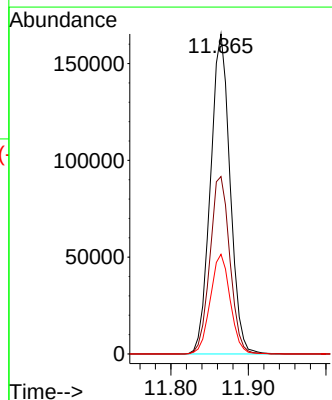
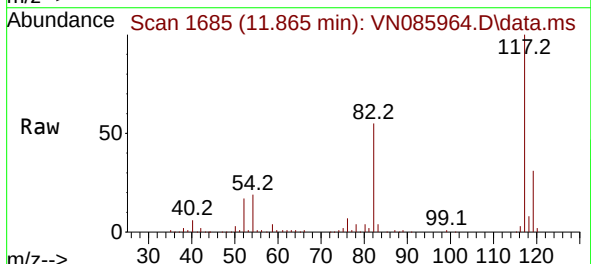
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#01

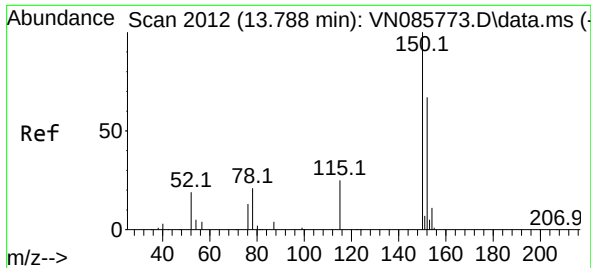
Tgt Ion: 95 Resp: 123434
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.4
176 74.1 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085964.D
Acq: 12 Mar 2025 16:54

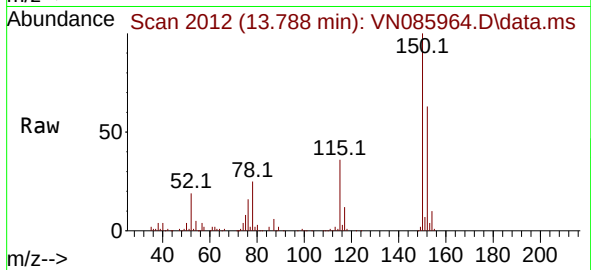
Tgt Ion: 117 Resp: 290015
Ion Ratio Lower Upper
117 100
82 55.5 45.7 68.5
119 31.1 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085964.D
 Acq: 12 Mar 2025 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#01



Tgt Ion:152 Resp: 111429
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.4 91.3
 150 160.4 0.0 345.4

