

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086099.D
 Acq On : 25 Mar 2025 14:40
 Operator : JC\MD
 Sample : PB167276ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#04

Quant Time: Mar 26 03:18:11 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)

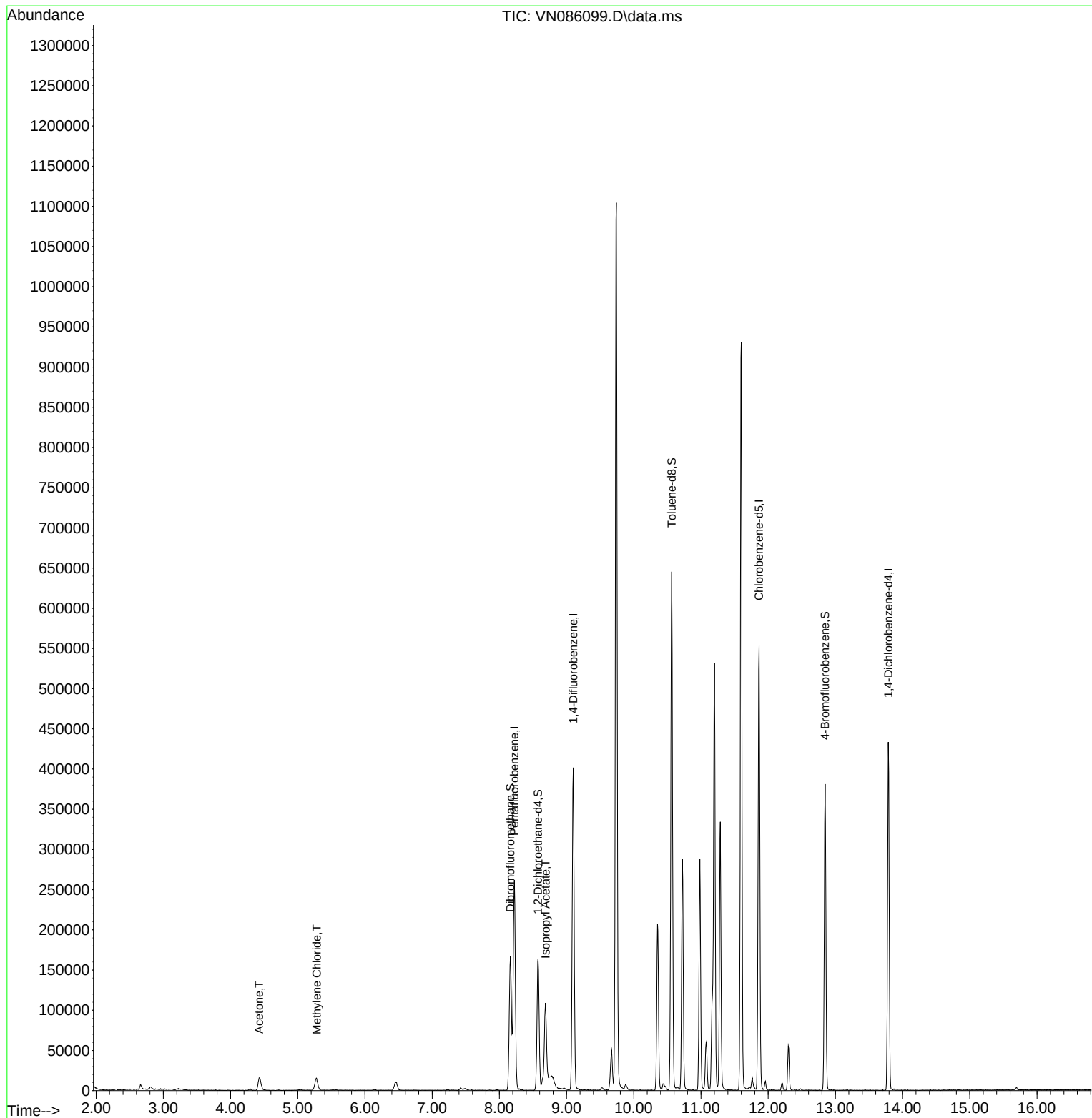
Internal Standards						
1) Pentafluorobenzene	8.224	168	187420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137800	53.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.380%
35) Dibromofluoromethane	8.165	113	121920	49.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.565	98	452907	50.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.847	95	135397	42.627	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.260%
Target Compounds						Qvalue
16) Acetone	4.424	43	30010	38.275	ug/l	97
20) Methylene Chloride	5.283	84	12970	5.655	ug/l	91
43) Isopropyl Acetate	8.688	43	132140	22.369	ug/l #	81

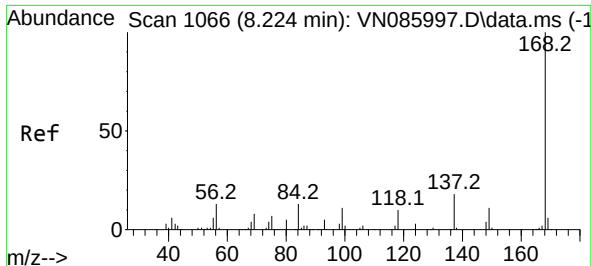
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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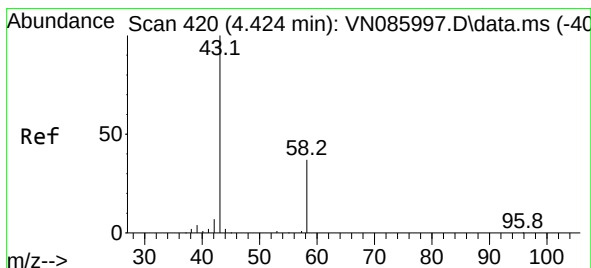
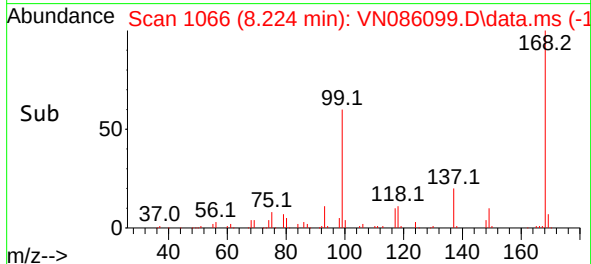
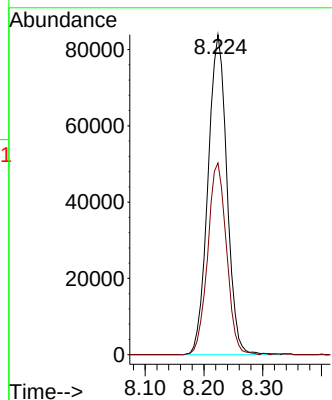
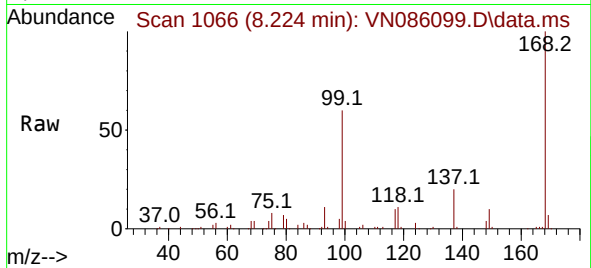




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

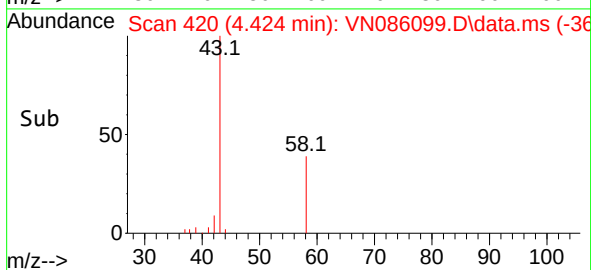
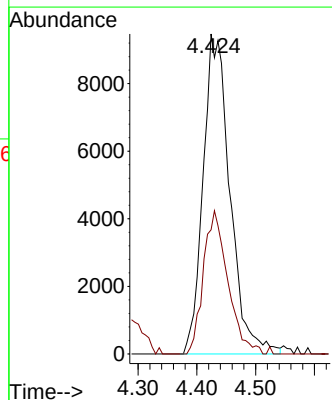
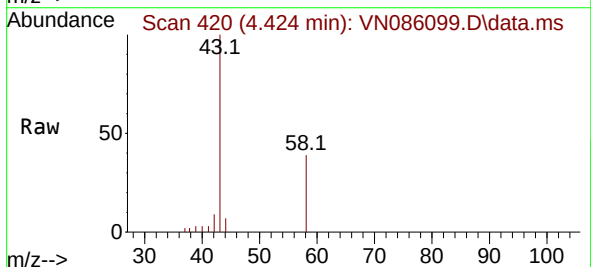
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#04

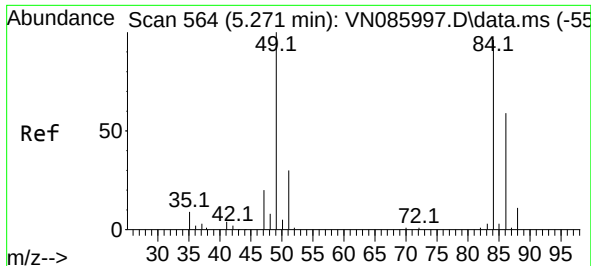
Tgt Ion:168 Resp: 187420
Ion Ratio Lower Upper
168 100
99 59.9 49.4 74.2



#16
Acetone
Concen: 38.275 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

Tgt Ion: 43 Resp: 30010
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.2

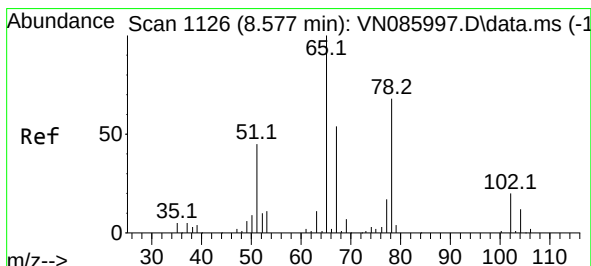
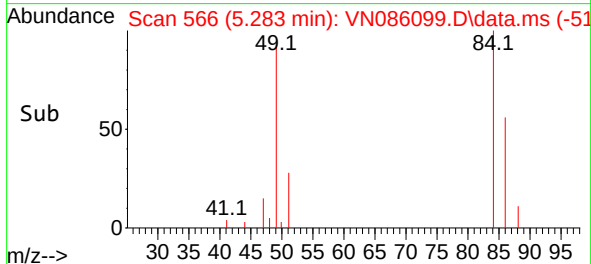
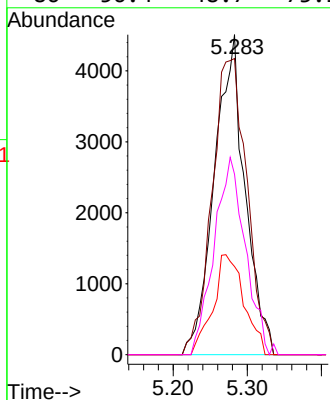
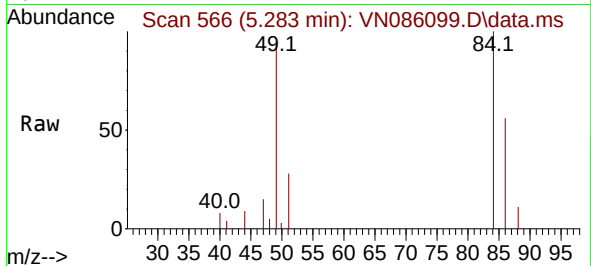




#20
Methylene Chloride
Concen: 5.655 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

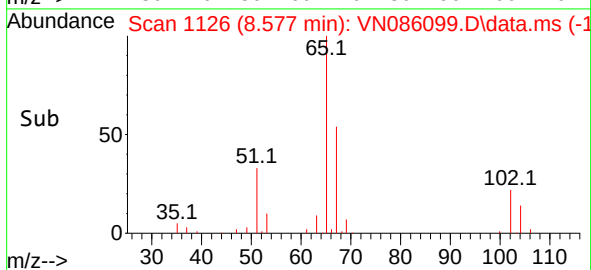
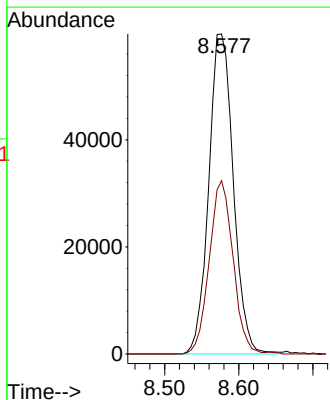
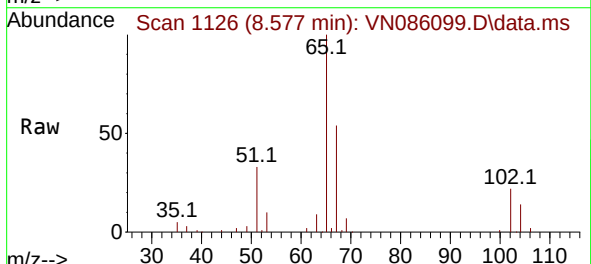
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#04

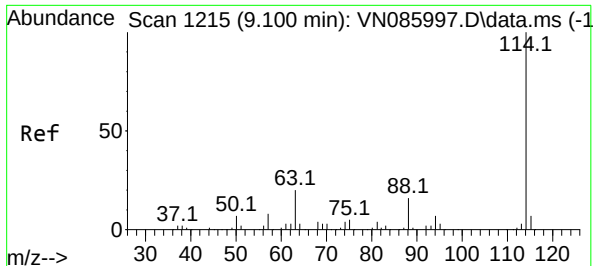
Tgt Ion: 84	Resp: 12970
Ion Ratio	Lower Upper
84 100	
49 92.6	83.3 124.9
51 27.5	24.8 37.2
86 56.4	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 53.694 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

Tgt Ion: 65	Resp: 137800
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086099.D

Acq: 25 Mar 2025 14:40

Instrument :

MSVOA_N

ClientSampleId :

PB167276ZHE#04

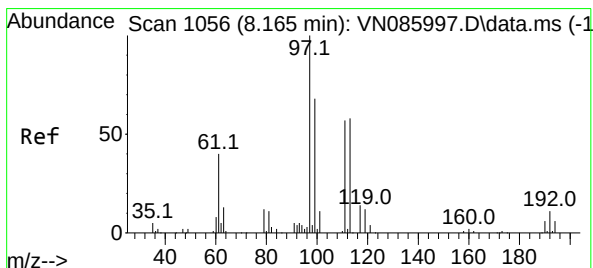
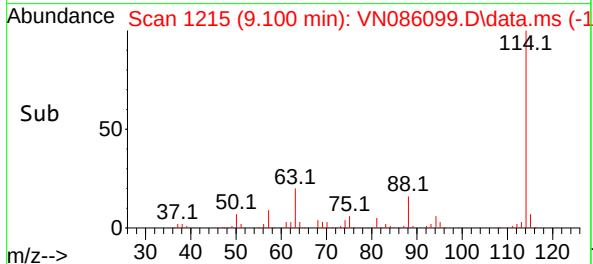
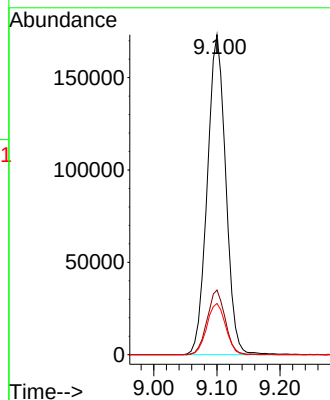
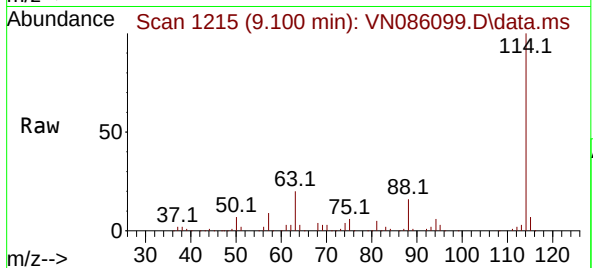
Tgt Ion:114 Resp: 351589

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.681 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086099.D

Acq: 25 Mar 2025 14:40

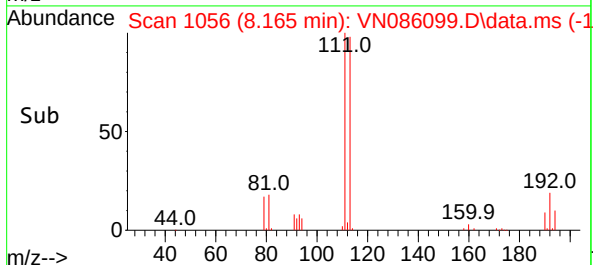
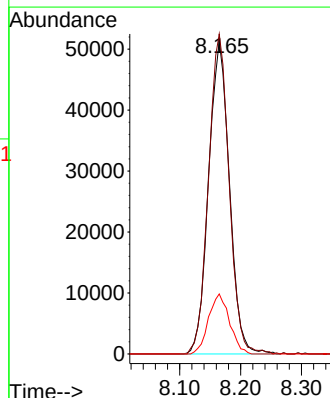
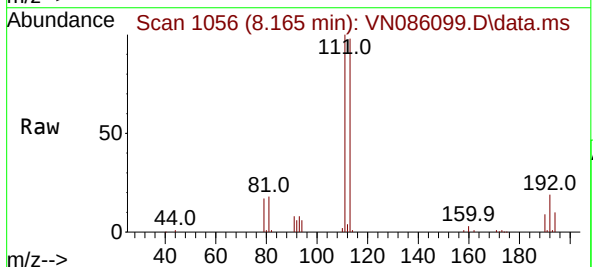
Tgt Ion:113 Resp: 121920

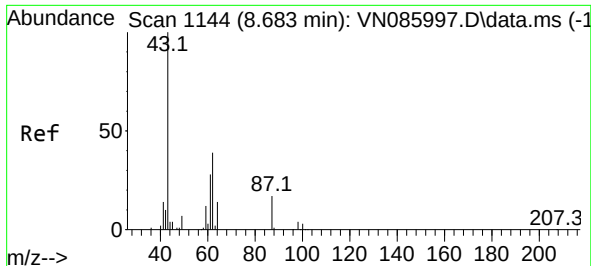
Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

192 19.3 15.9 23.9

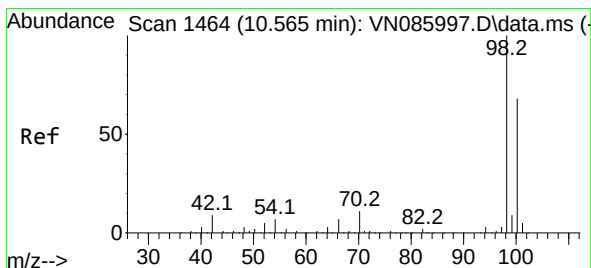
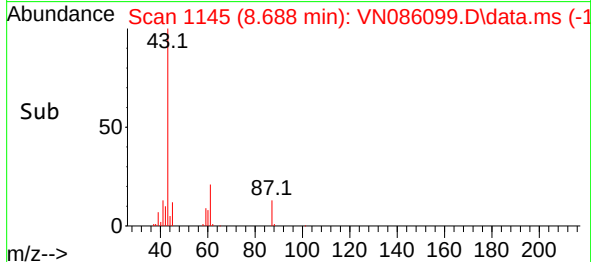
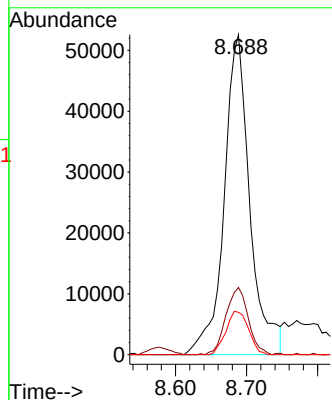
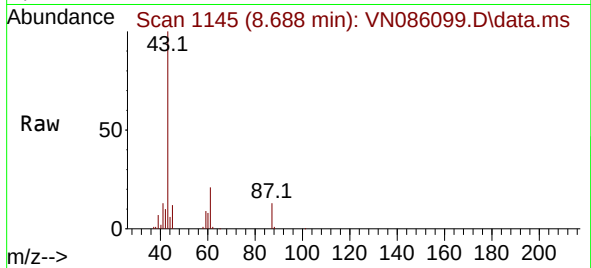




#43
Isopropyl Acetate
Concen: 22.369 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

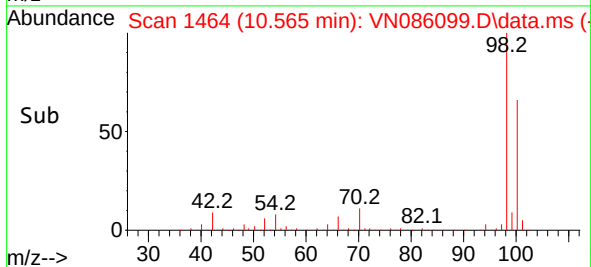
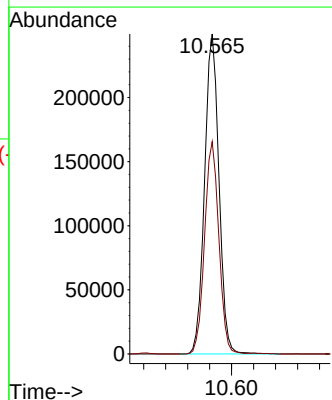
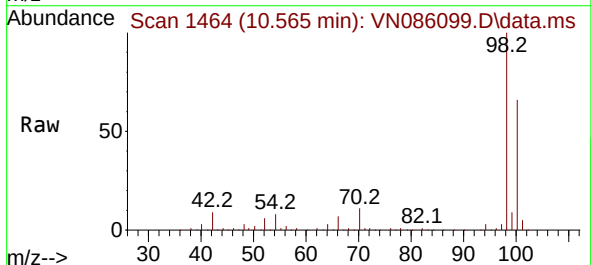
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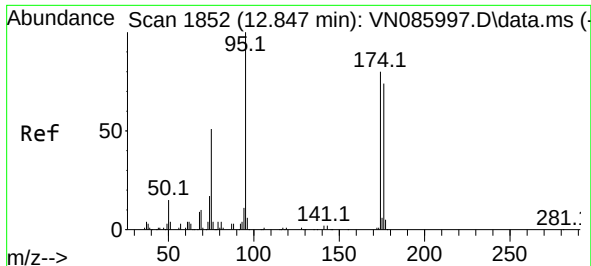
Tgt Ion: 43 Resp: 132140
Ion Ratio Lower Upper
43 100
61 18.3 25.0 37.6#
87 12.0 13.0 19.4#



#50
Toluene-d8
Concen: 50.851 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

Tgt Ion: 98 Resp: 452907
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

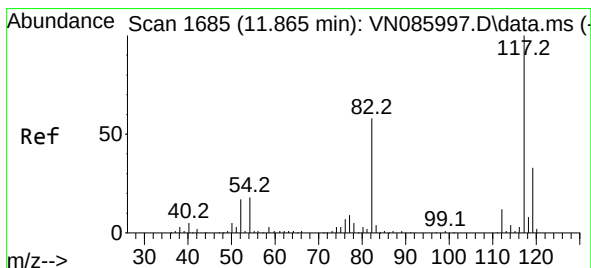
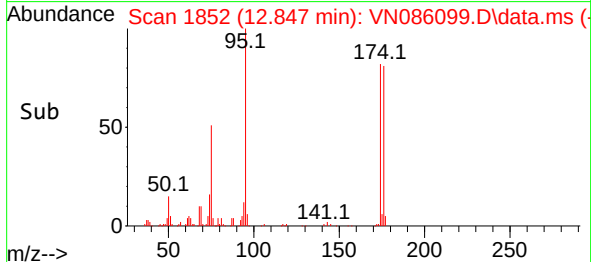
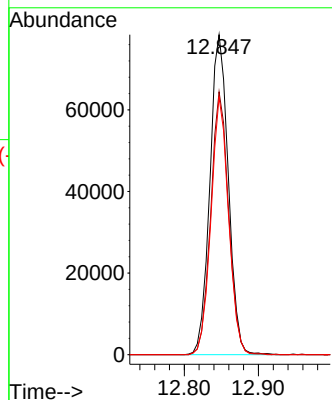
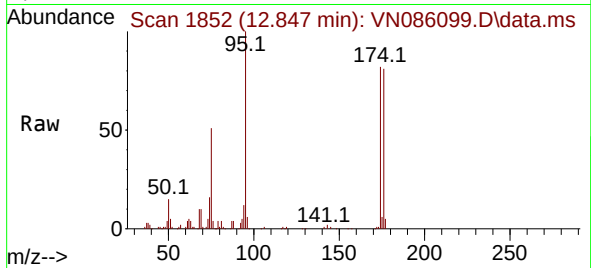




#62
4-Bromofluorobenzene
Concen: 42.627 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

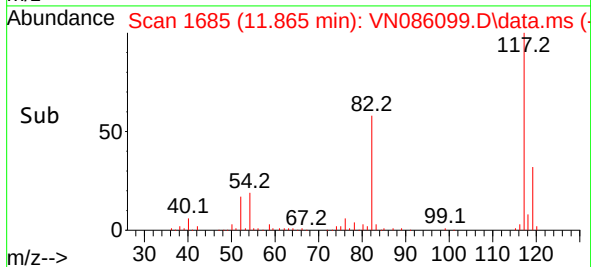
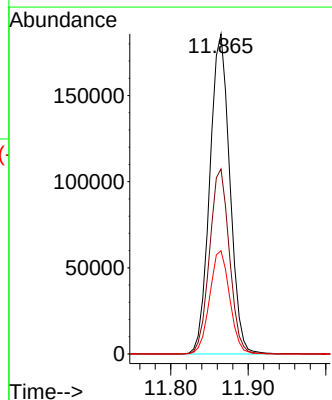
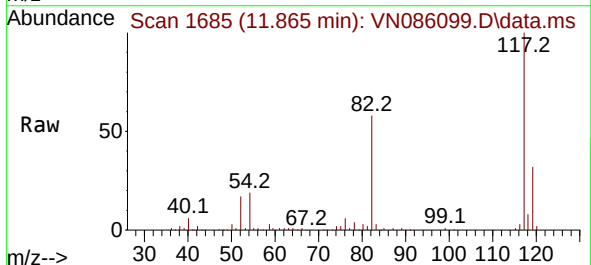
Instrument :
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PB167276ZHE#04

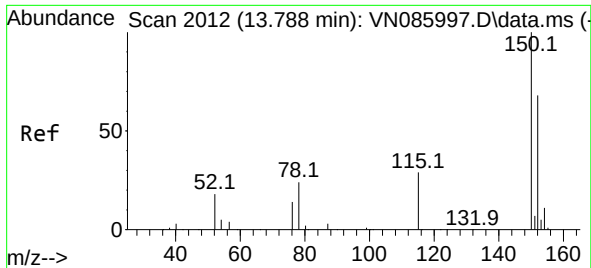
Tgt Ion: 95 Resp: 135397
Ion Ratio Lower Upper
95 100
174 80.2 0.0 156.8
176 76.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

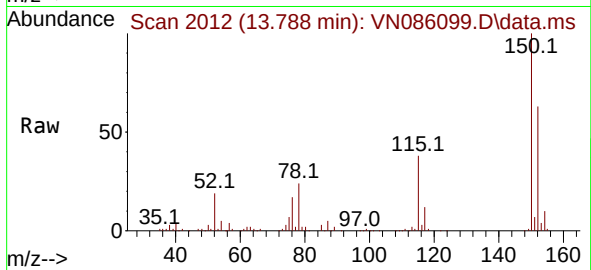
Tgt Ion: 117 Resp: 333283
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 32.3 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086099.D
Acq: 25 Mar 2025 14:40

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#04



Tgt Ion:152 Resp: 122384
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.2
150 158.1 0.0 359.6

