

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085673.D
 Acq On : 05 Feb 2025 13:35
 Operator : JC\MD
 Sample : PB166529ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#02

Quant Time: Feb 06 00:40:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

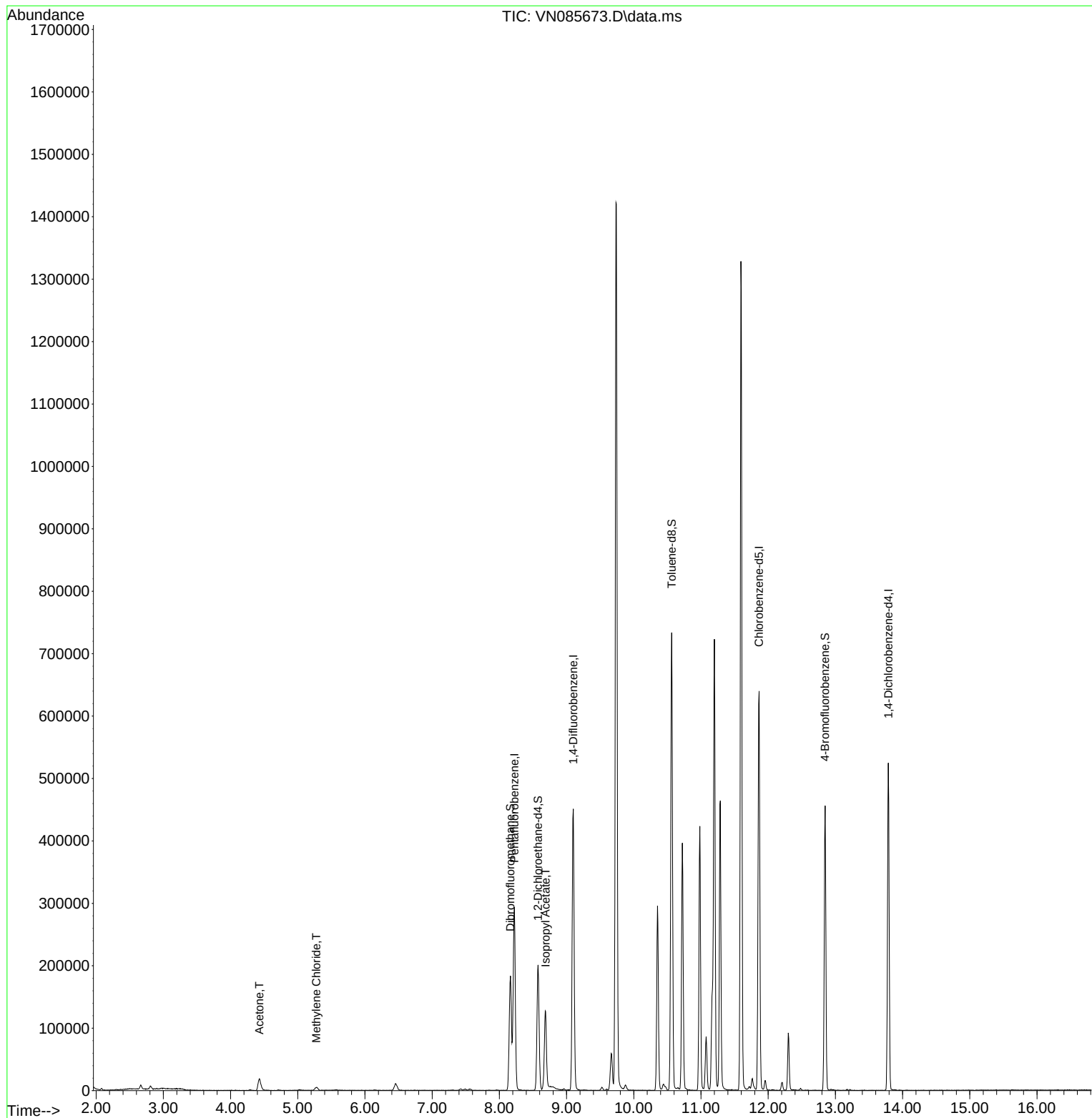
Internal Standards						
1) Pentafluorobenzene	8.224	168	207997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	392588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159821	47.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	8.165	113	133777	49.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.565	98	513250	53.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.847	95	152860	46.178	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.360%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	35950	33.139	ug/l	98
20) Methylene Chloride	5.277	84	3772	1.405	ug/l	91
43) Isopropyl Acetate	8.688	43	143908	23.277	ug/l #	91

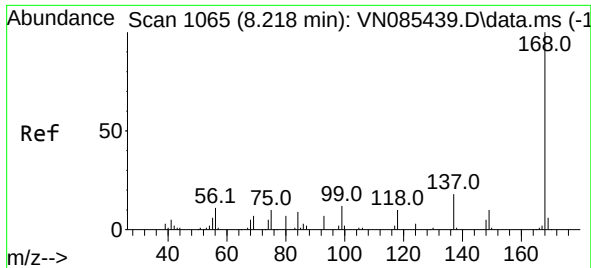
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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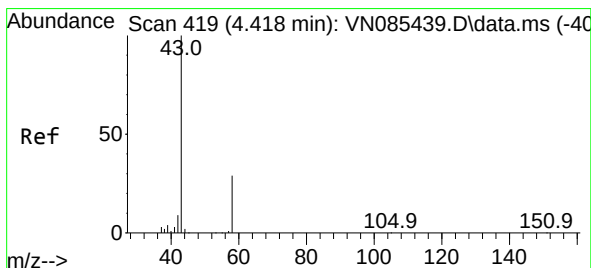
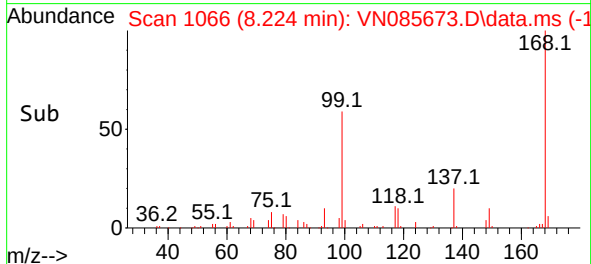
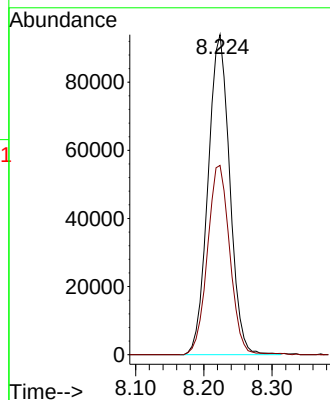
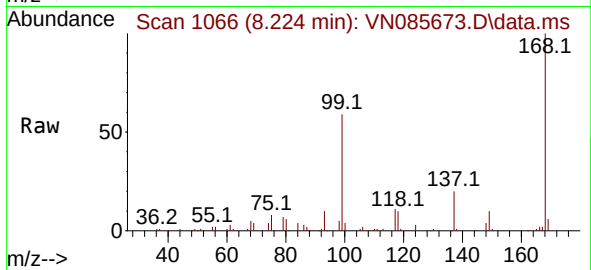




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

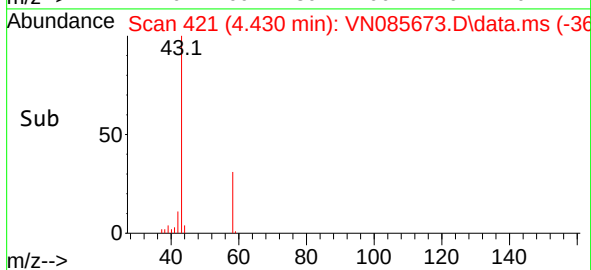
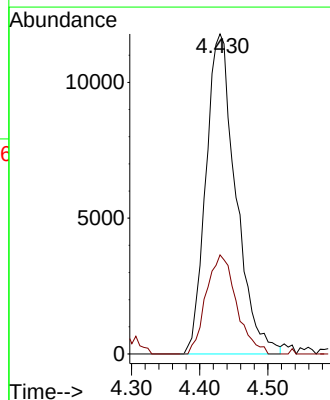
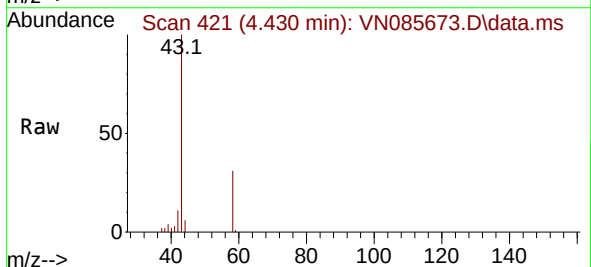
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#02

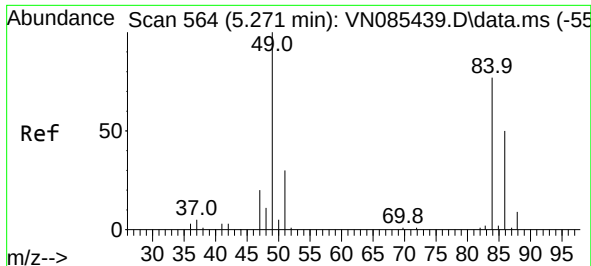
Tgt Ion:168 Resp: 207997
Ion Ratio Lower Upper
168 100
99 59.2 53.6 80.4



#16
Acetone
Concen: 33.139 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

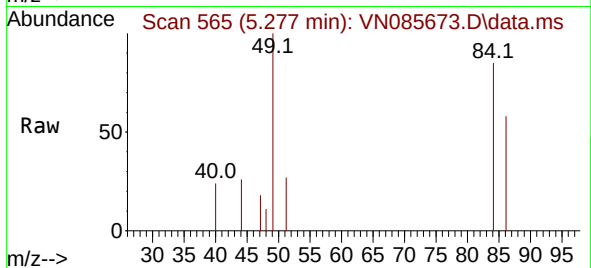
Tgt Ion: 43 Resp: 35950
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.6



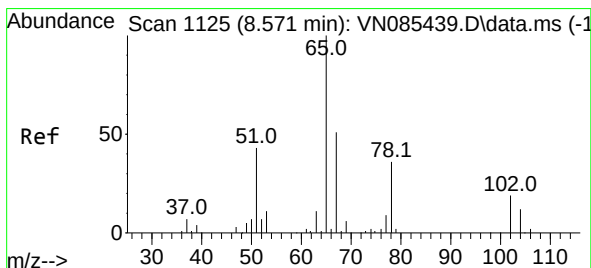
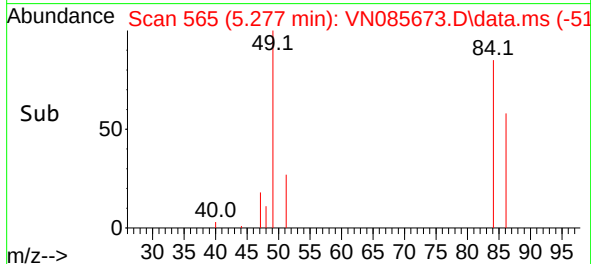
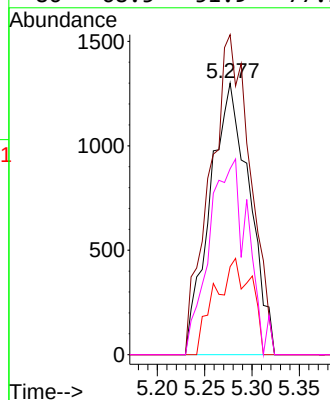


#20
Methylene Chloride
Concen: 1.405 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#02

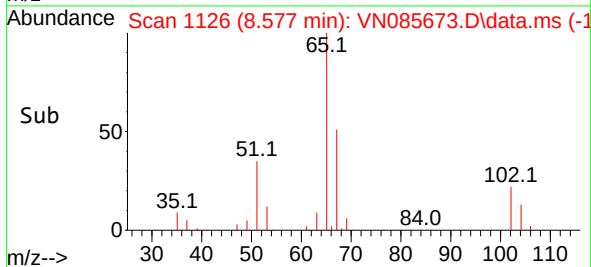
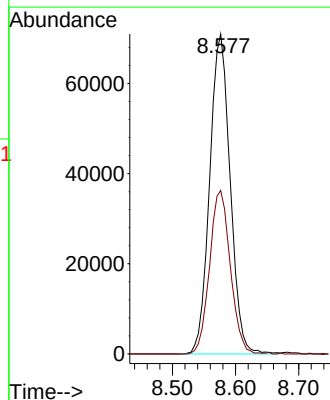
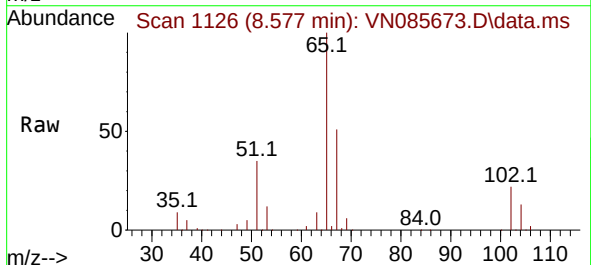


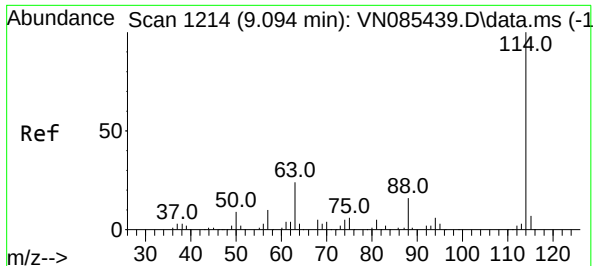
Tgt Ion: 84	Resp: 3772
Ion Ratio	Lower Upper
84 100	
49 117.8	104.1 156.1
51 32.4	31.0 46.4
86 68.5	51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 47.601 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

Tgt Ion: 65	Resp: 159821
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085673.D

Acq: 05 Feb 2025 13:35

Instrument :

MSVOA_N

ClientSampleId :

PB166529ZHE#02

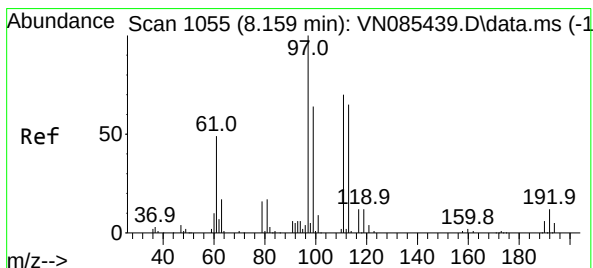
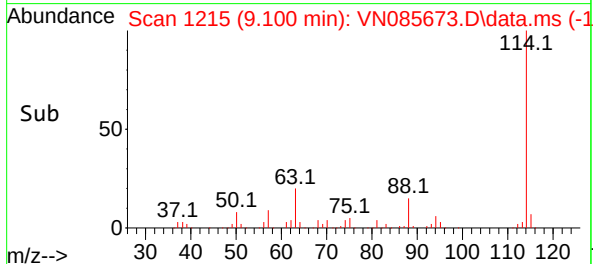
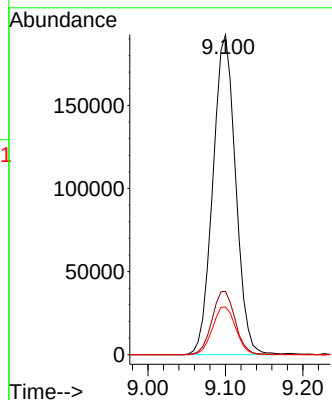
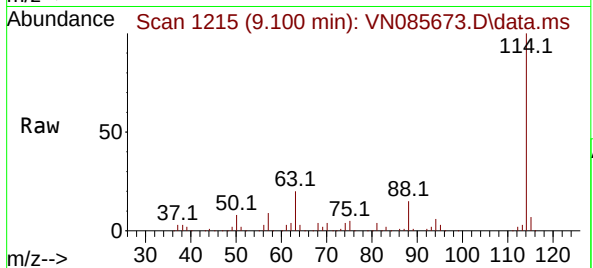
Tgt Ion:114 Resp: 392588

Ion Ratio Lower Upper

114 100

63 19.8 0.0 47.6

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085673.D

Acq: 05 Feb 2025 13:35

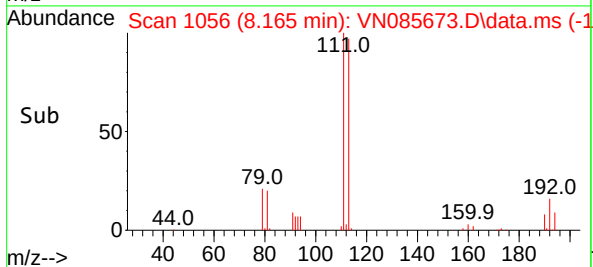
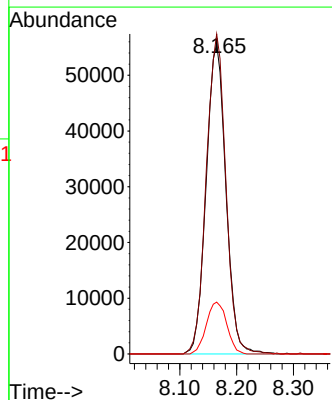
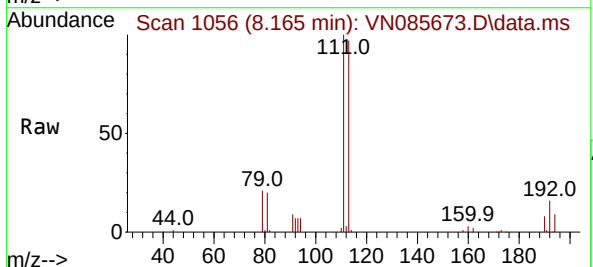
Tgt Ion:113 Resp: 133777

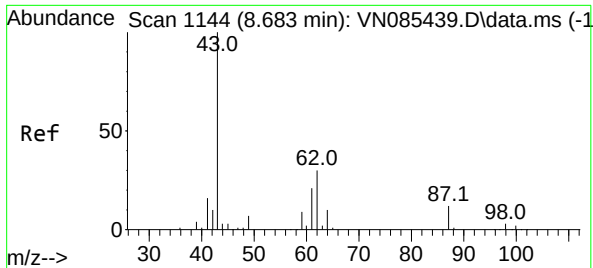
Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 17.3 14.3 21.5

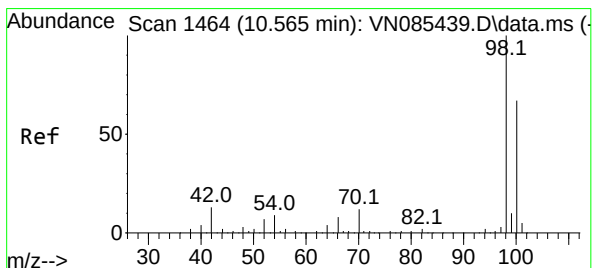
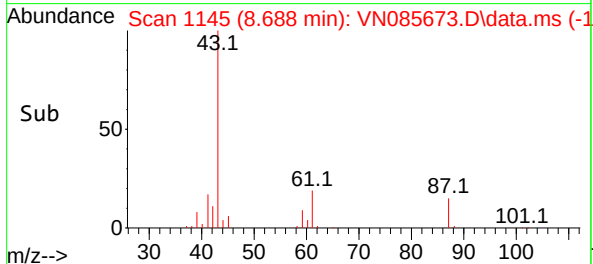
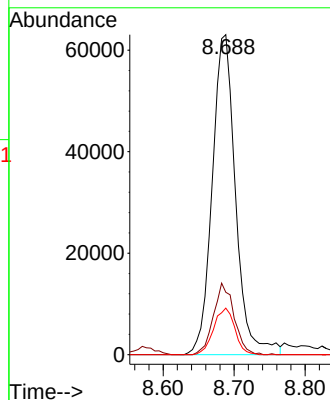
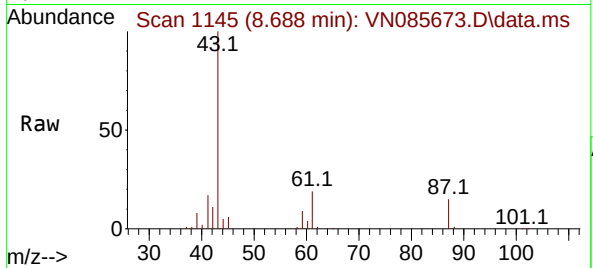




#43
Isopropyl Acetate
Concen: 23.277 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

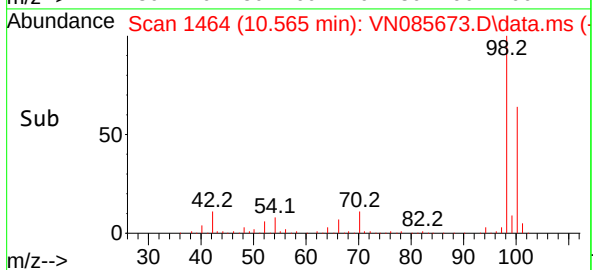
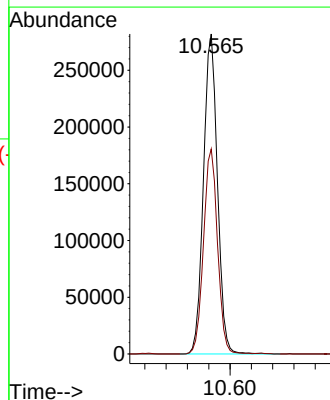
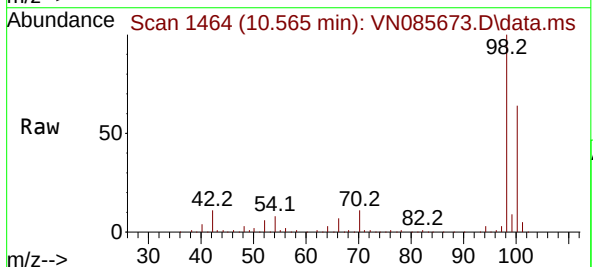
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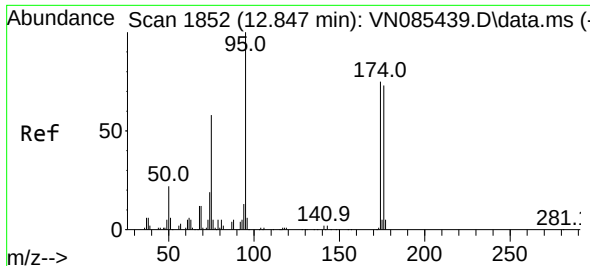
Tgt Ion: 43 Resp: 143908
Ion Ratio Lower Upper
43 100
61 19.7 20.7 31.1#
87 13.2 9.8 14.8



#50
Toluene-d8
Concen: 53.039 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

Tgt Ion: 98 Resp: 513250
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

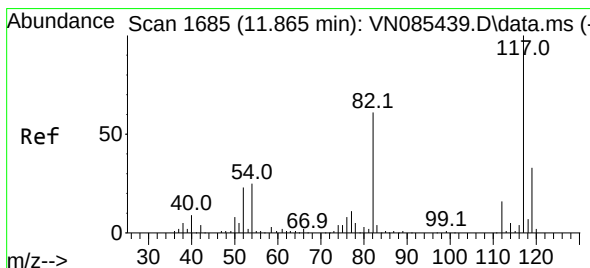
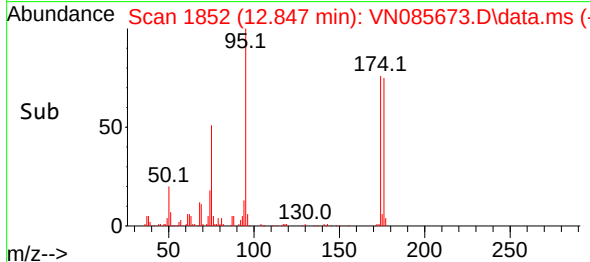
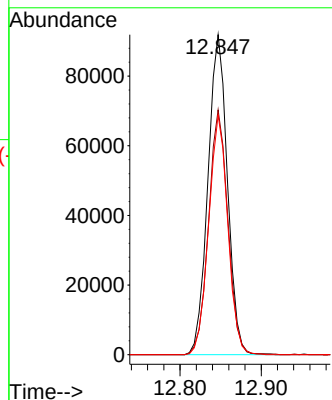
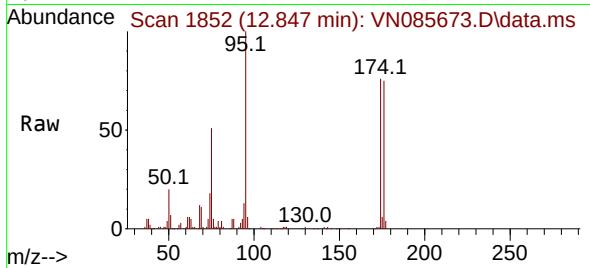




#62
4-Bromofluorobenzene
Concen: 46.178 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

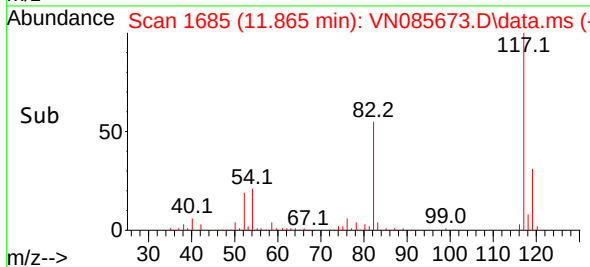
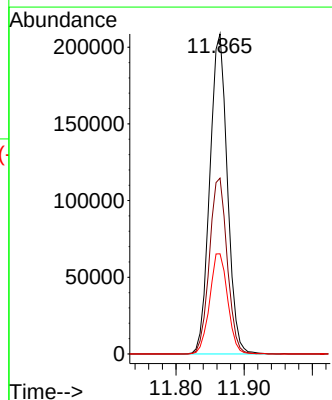
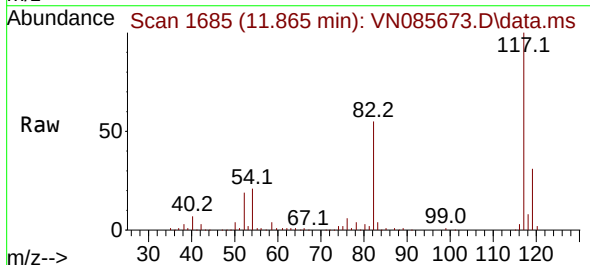
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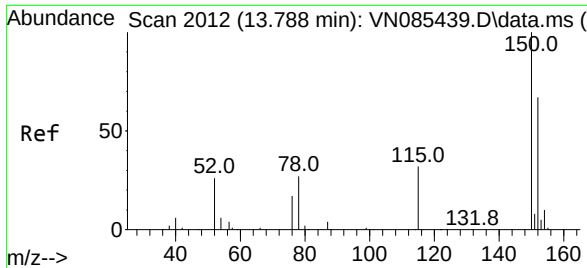
Tgt Ion: 95 Resp: 152860
Ion Ratio Lower Upper
95 100
174 76.2 0.0 145.0
176 73.5 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085673.D
Acq: 05 Feb 2025 13:35

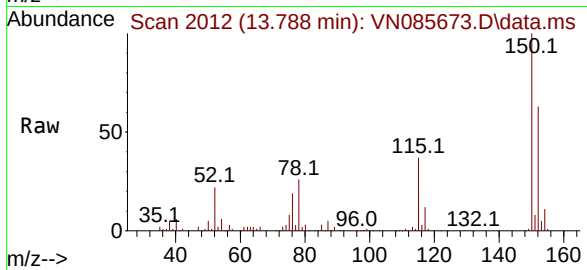
Tgt Ion: 117 Resp: 374010
Ion Ratio Lower Upper
117 100
82 54.9 48.6 72.8
119 31.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085673.D
 Acq: 05 Feb 2025 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#02



Tgt Ion:152 Resp: 141681
 Ion Ratio Lower Upper
 152 100
 115 59.1 31.1 93.3
 150 157.1 0.0 343.6

