

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085813.D
 Acq On : 21 Feb 2025 19:26
 Operator : JC\MD
 Sample : PB166809ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166809ZHE#06

Quant Time: Feb 22 02:40:39 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)

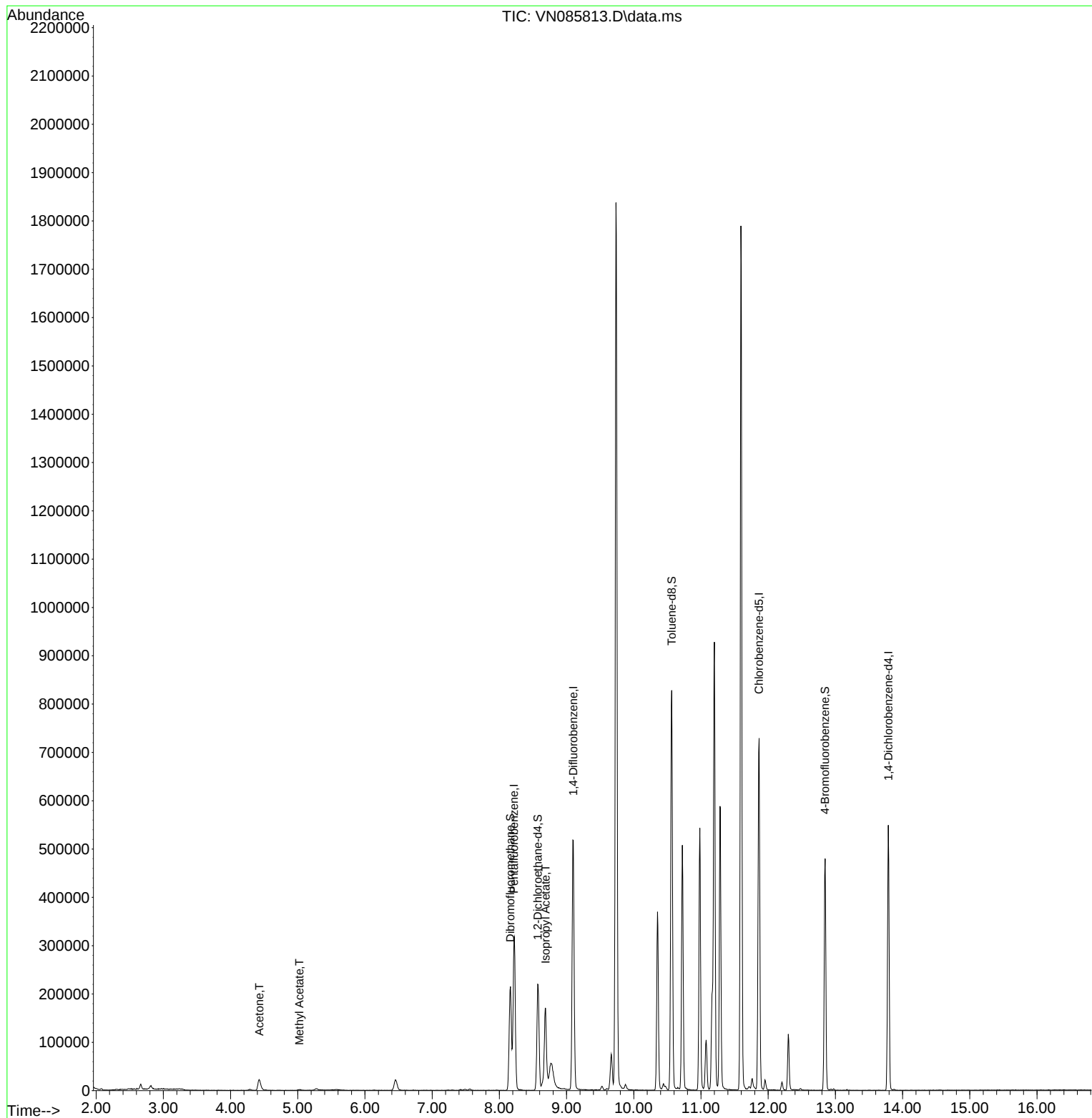
Internal Standards						
1) Pentafluorobenzene	8.218	168	229251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	184992	62.242	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 124.480%		
35) Dibromofluoromethane	8.165	113	159924	53.221	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.440%		
50) Toluene-d8	10.565	98	591138	54.071	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.140%		
62) 4-Bromofluorobenzene	12.847	95	169621	47.090	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.180%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	42678	45.381	ug/l	95
18) Methyl Acetate	5.024	43	3526	1.090	ug/l #	71
43) Isopropyl Acetate	8.688	43	195374	31.609	ug/l #	86

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

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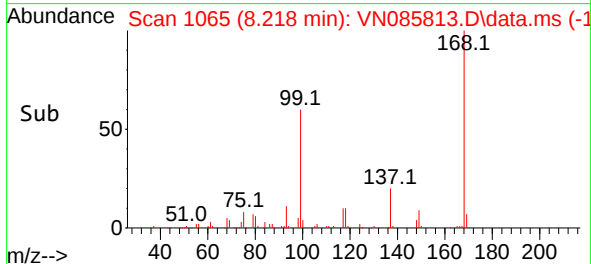
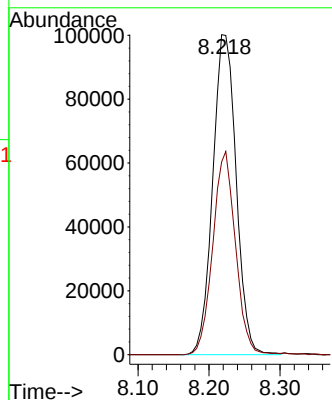
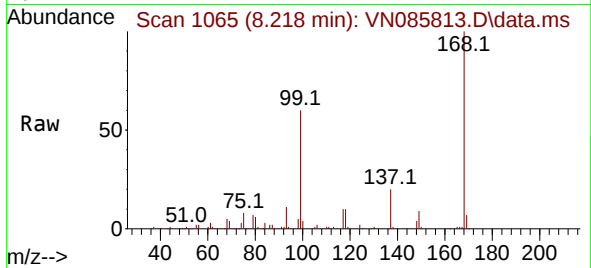




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

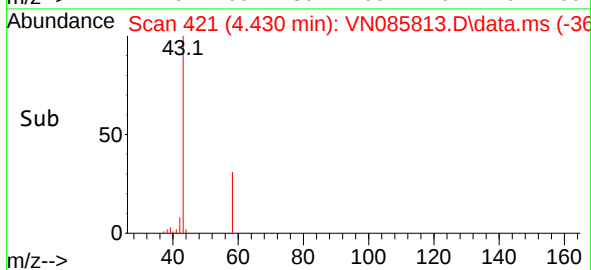
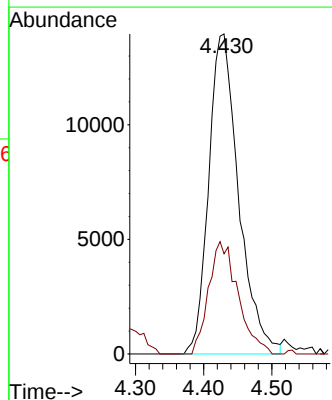
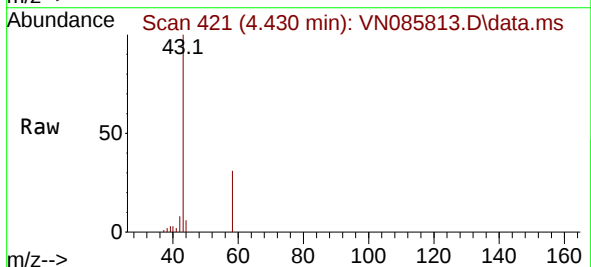
Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#06

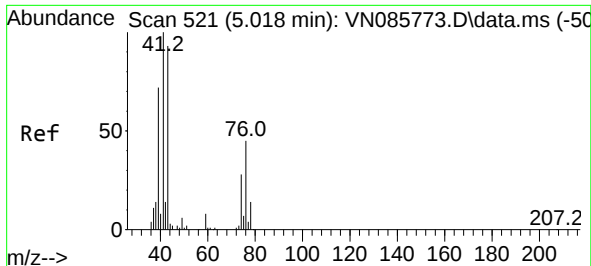
Tgt Ion:168 Resp: 229251
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#16
Acetone
Concen: 45.381 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

Tgt Ion: 43 Resp: 42678
Ion Ratio Lower Upper
43 100
58 31.3 27.5 41.3

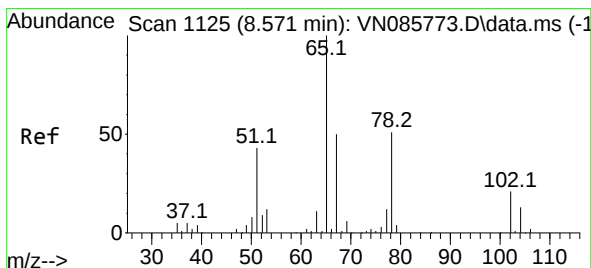
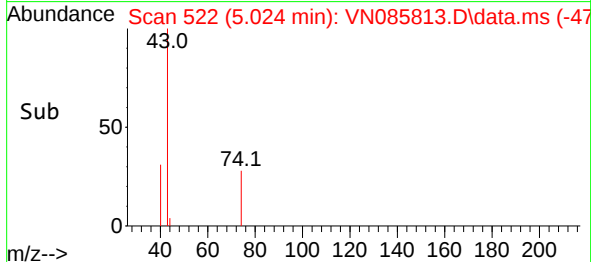
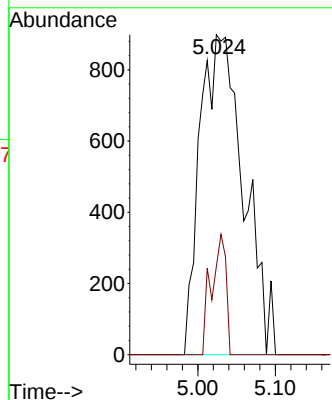
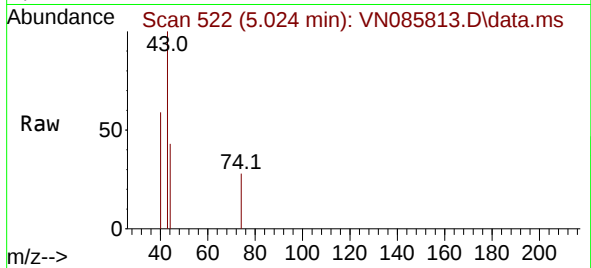




#18
Methyl Acetate
Concen: 1.090 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

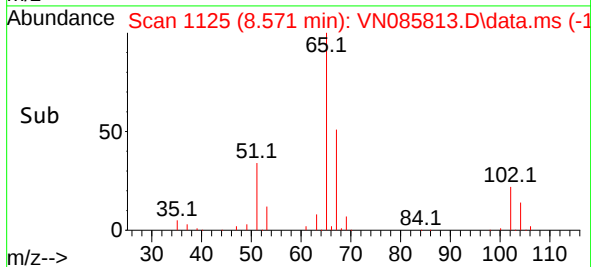
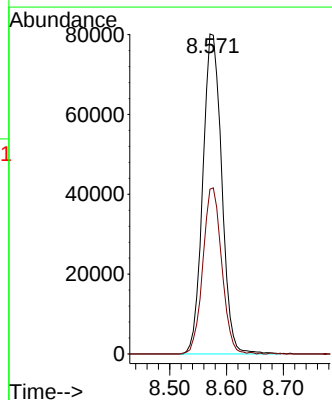
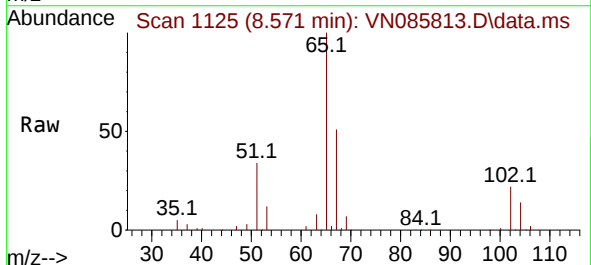
Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#06

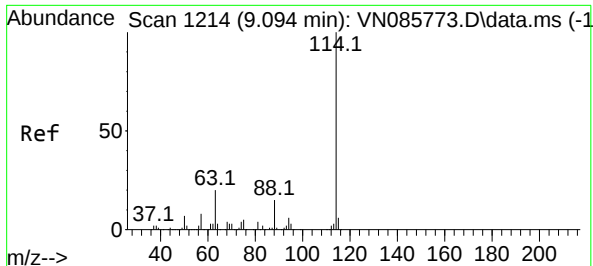
Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
74 12.6 22.2 33.4#



#33
1,2-Dichloroethane-d4
Concen: 62.242 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

Tgt Ion: 65 Resp: 184992
Ion Ratio Lower Upper
65 100
67 51.9 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: VN085813.D

Acq: 21 Feb 2025 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB166809ZHE#06

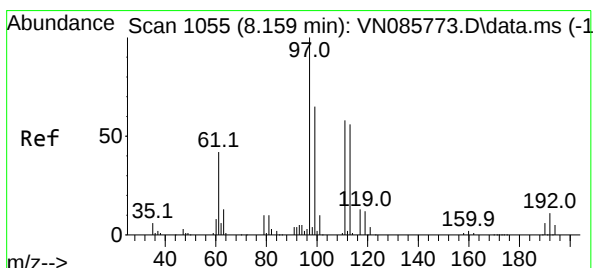
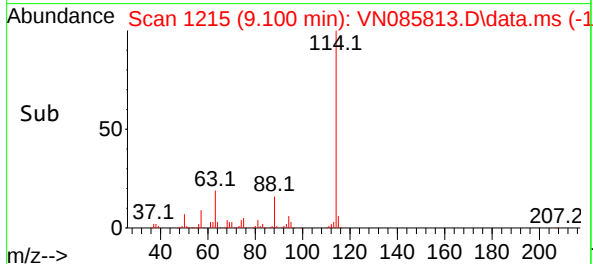
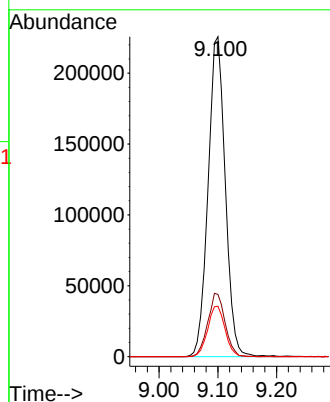
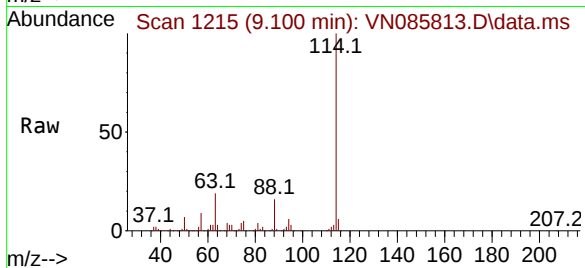
Tgt Ion:114 Resp: 459215

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 15.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.221 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085813.D

Acq: 21 Feb 2025 19:26

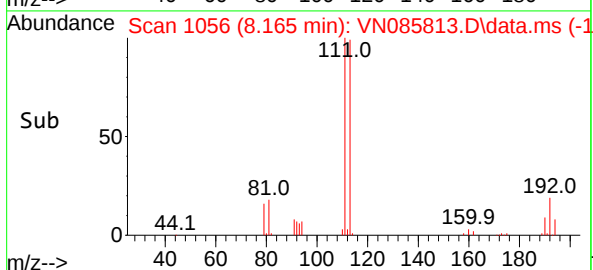
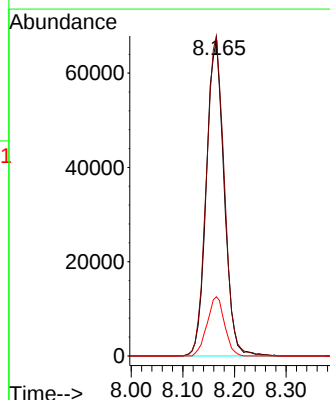
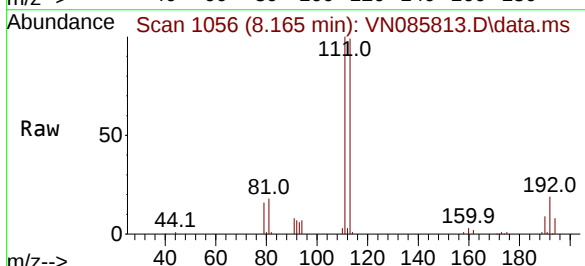
Tgt Ion:113 Resp: 159924

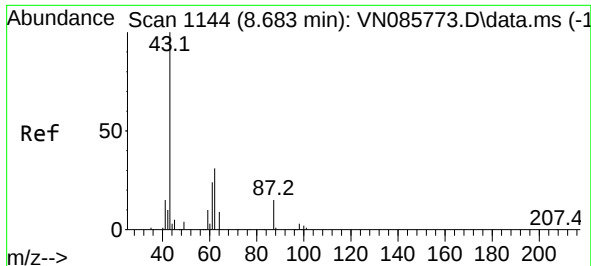
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.4 14.7 22.1

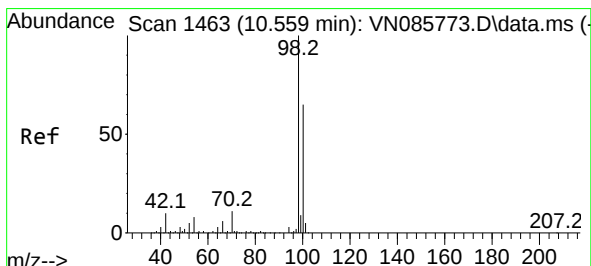
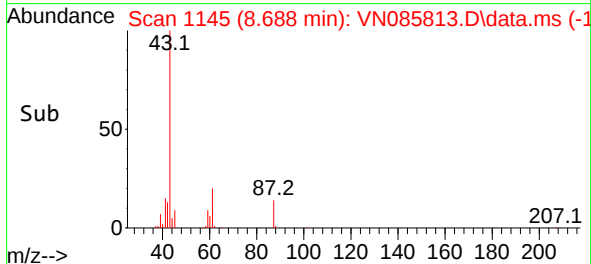
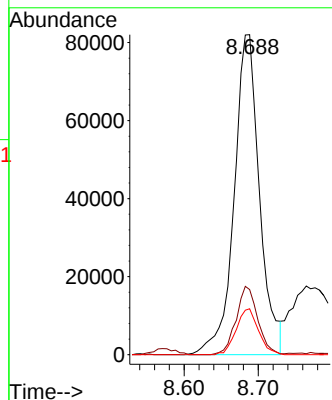
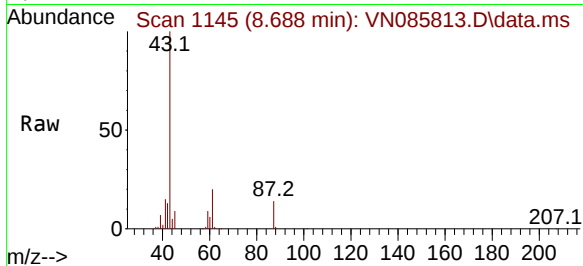




#43
Isopropyl Acetate
Concen: 31.609 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

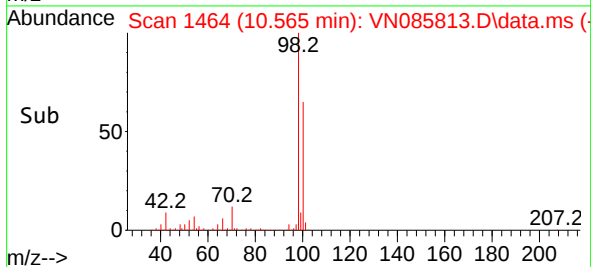
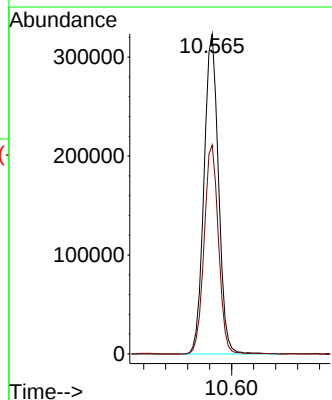
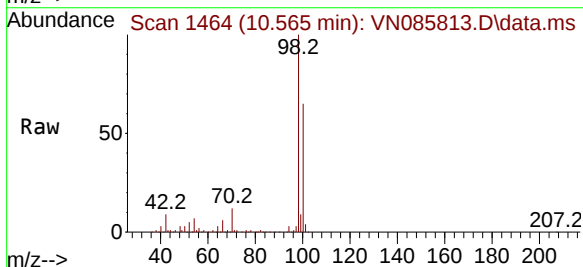
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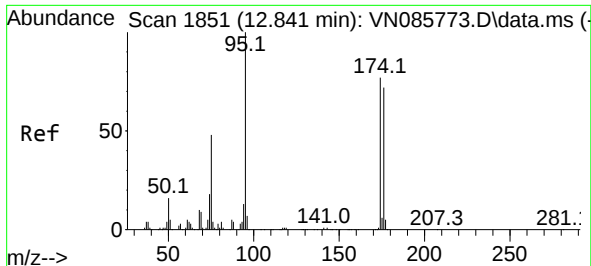
Tgt Ion: 43 Resp: 195374
Ion Ratio Lower Upper
43 100
61 18.2 22.6 34.0#
87 12.6 11.8 17.8



#50
Toluene-d8
Concen: 54.071 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

Tgt Ion: 98 Resp: 591138
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

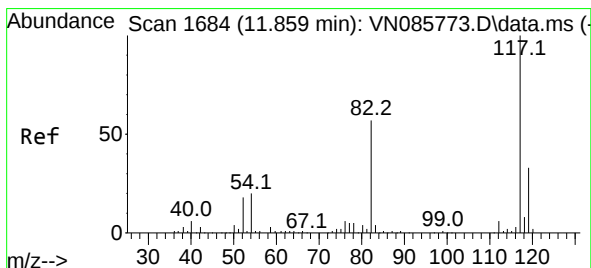
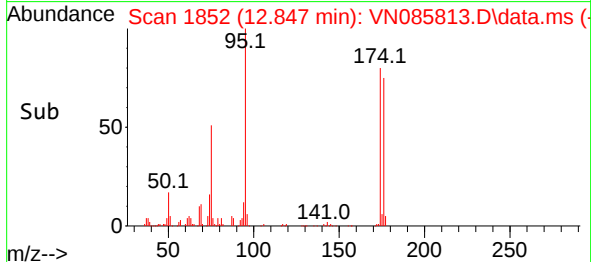
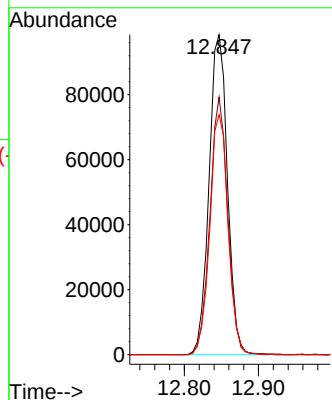
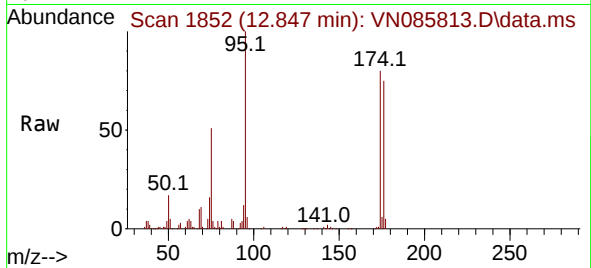




#62
4-Bromofluorobenzene
Concen: 47.090 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

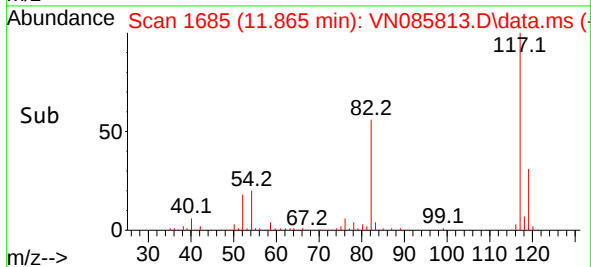
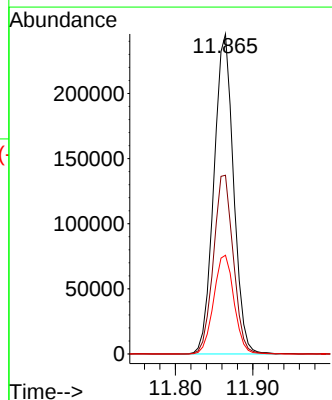
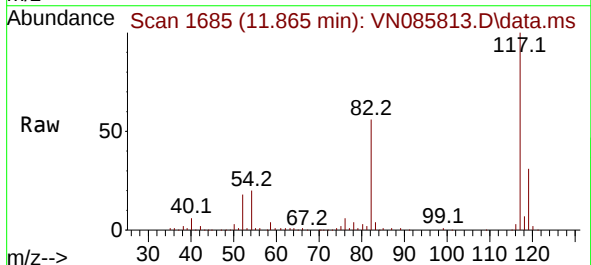
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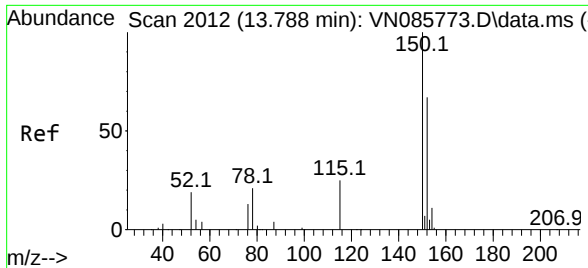
Tgt Ion: 95 Resp: 169621
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.4
176 74.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085813.D
Acq: 21 Feb 2025 19:26

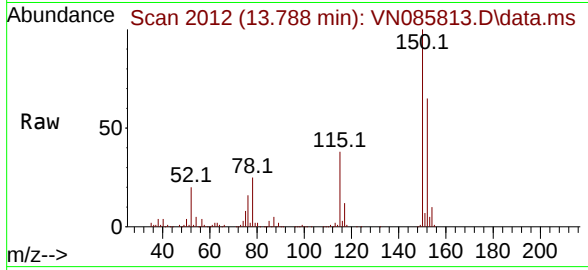
Tgt Ion: 117 Resp: 432141
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 30.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085813.D
 Acq: 21 Feb 2025 19:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166809ZHE#06



Tgt Ion:	152	Resp:	152300
Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.4	91.3
150	156.0	0.0	345.4

