

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021425\
 Data File : VN085769.D
 Acq On : 14 Feb 2025 14:18
 Operator : JC\MD
 Sample : PB166701ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166701ZHE#03

Quant Time: Feb 14 22:38:06 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)

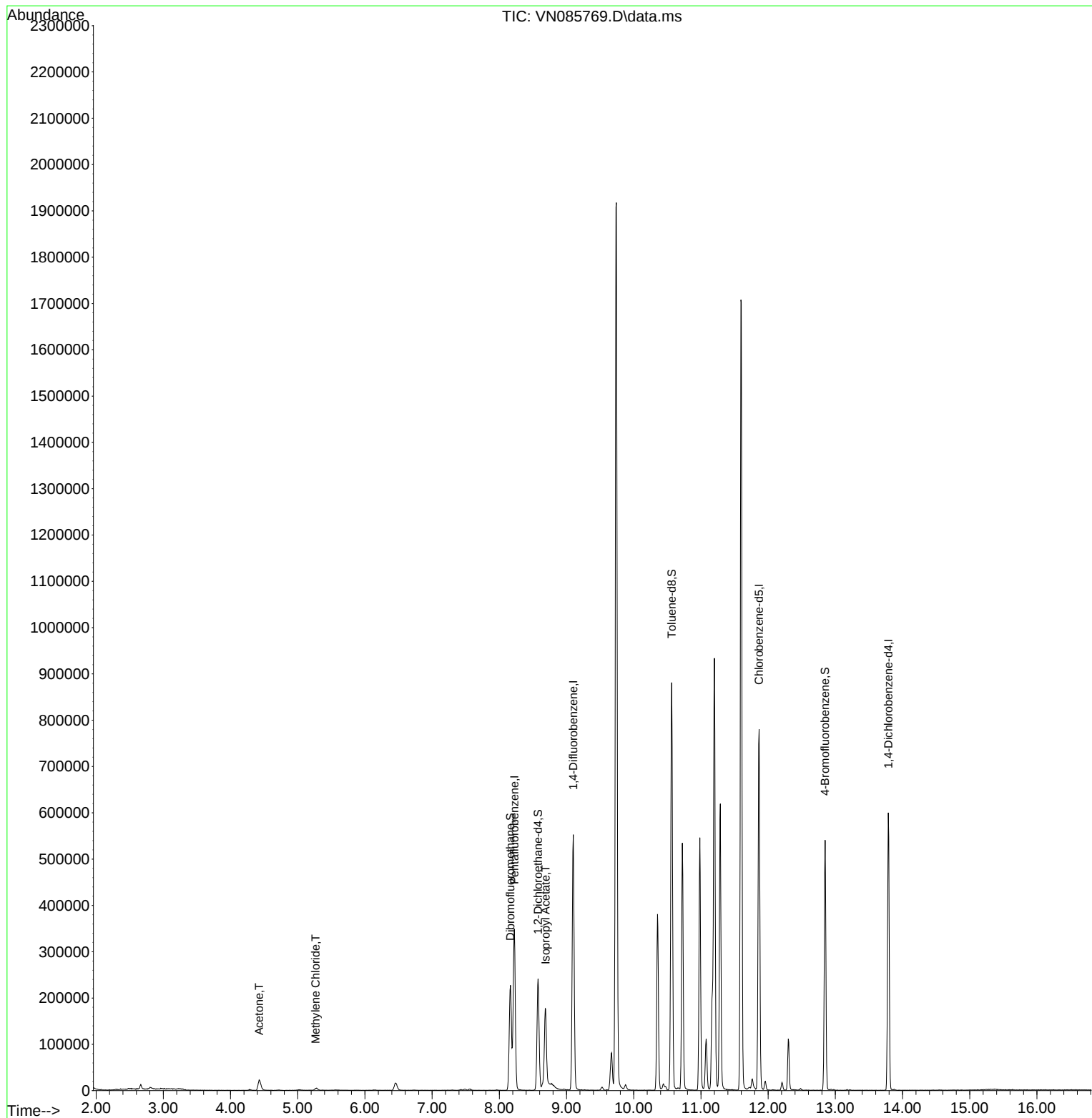
Internal Standards						
1) Pentafluorobenzene	8.224	168	245828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	475235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	456510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193409	48.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.165	113	166406	50.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	10.565	98	621535	53.059	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.847	95	186965	46.659	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.320%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	43670	34.060	ug/l #	86
20) Methylene Chloride	5.265	84	3905	1.230	ug/l #	63
43) Isopropyl Acetate	8.688	43	206286	27.564	ug/l #	90

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

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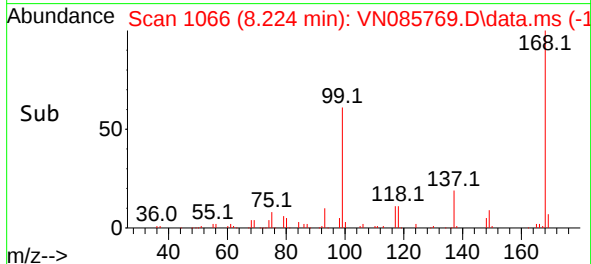
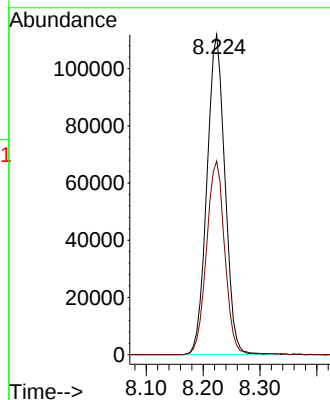
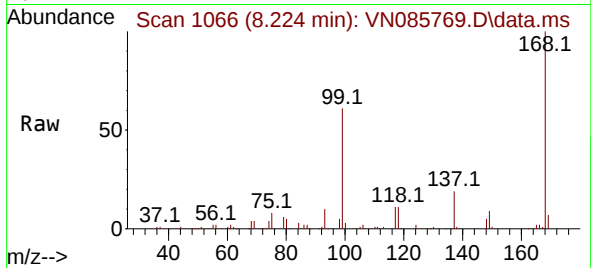




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

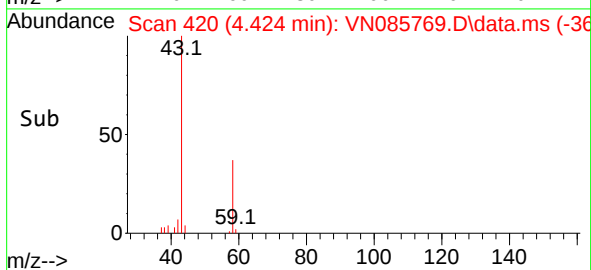
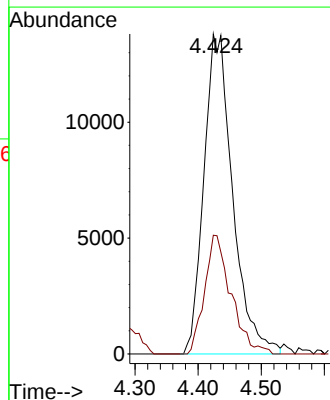
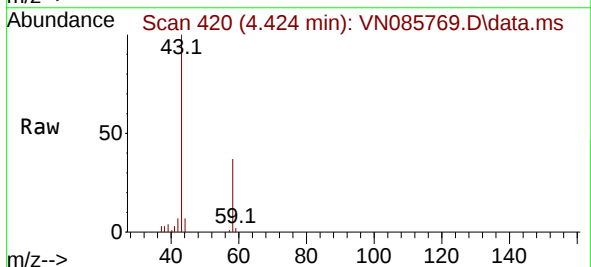
Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#03

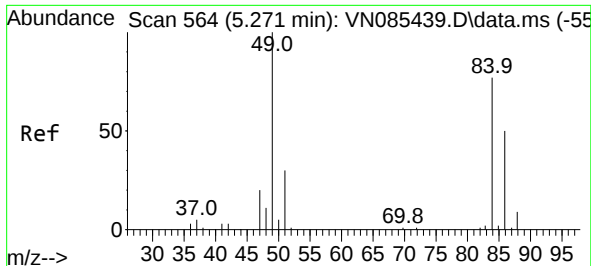
Tgt Ion:168 Resp: 245828
Ion Ratio Lower Upper
168 100
99 60.5 53.6 80.4



#16
Acetone
Concen: 34.060 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

Tgt Ion: 43 Resp: 43670
Ion Ratio Lower Upper
43 100
58 37.1 23.8 35.6#

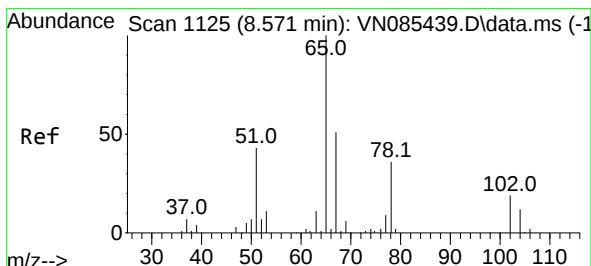
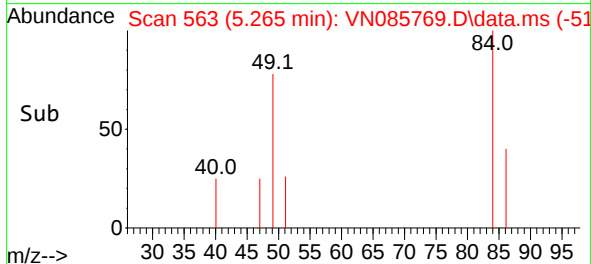
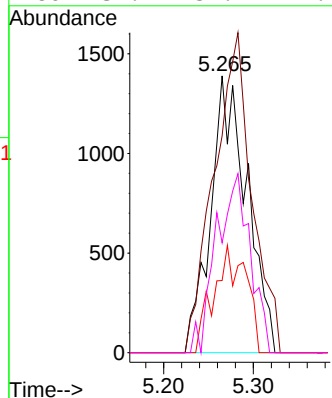
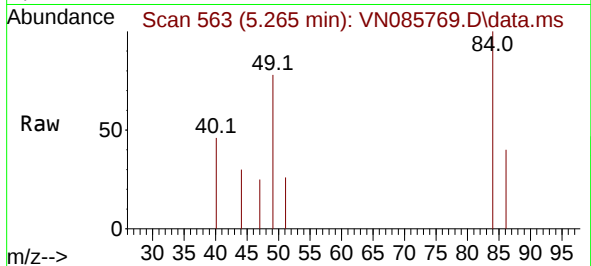




#20
Methylene Chloride
Concen: 1.230 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

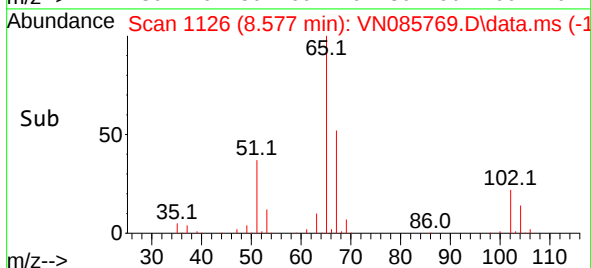
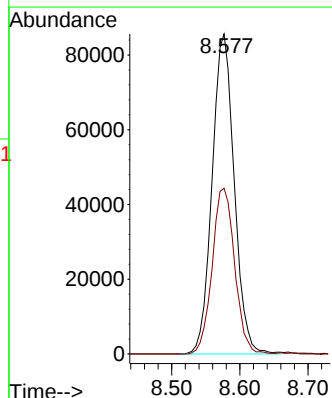
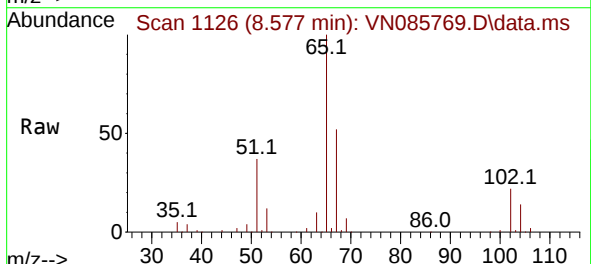
Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#03

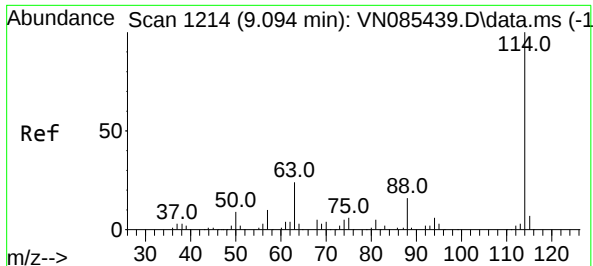
Tgt Ion: 84 Resp: 3905
Ion Ratio Lower Upper
84 100
49 78.3 104.1 156.1#
51 26.1 31.0 46.4#
86 39.7 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 48.740 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

Tgt Ion: 65 Resp: 193409
Ion Ratio Lower Upper
65 100
67 52.6 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: VN085769.D

Acq: 14 Feb 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

PB166701ZHE#03

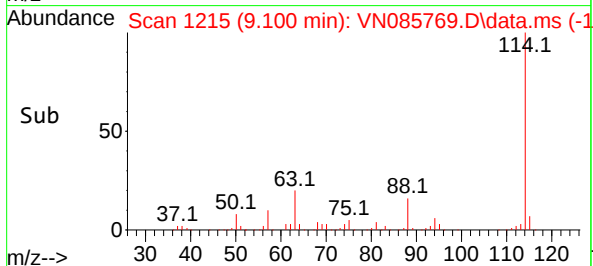
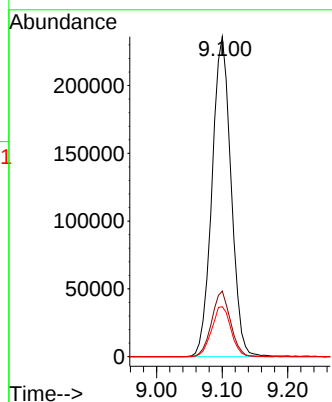
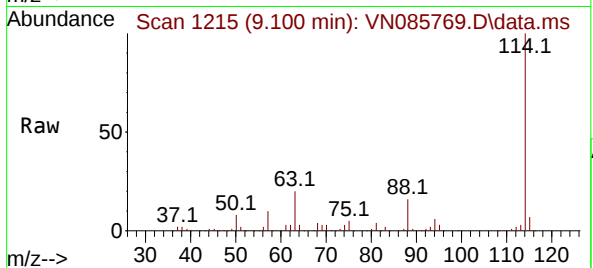
Tgt Ion:114 Resp: 475235

Ion Ratio Lower Upper

114 100

63 20.5 0.0 47.6

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.473 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085769.D

Acq: 14 Feb 2025 14:18

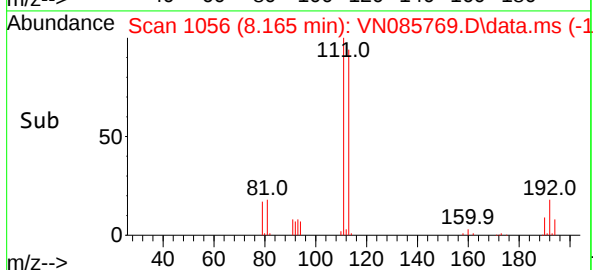
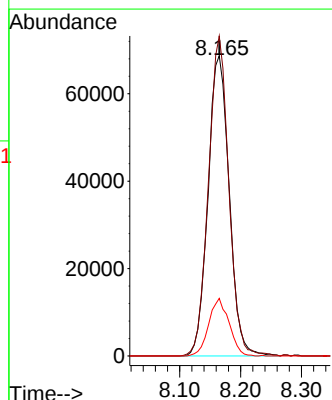
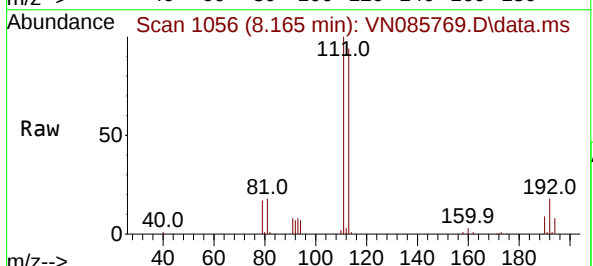
Tgt Ion:113 Resp: 166406

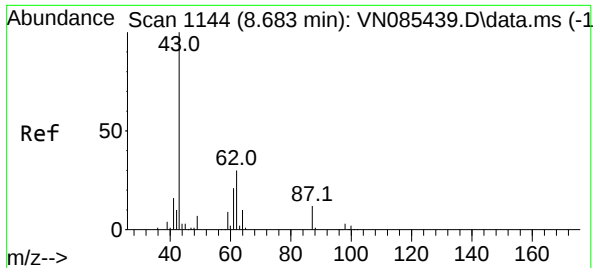
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 18.3 14.3 21.5

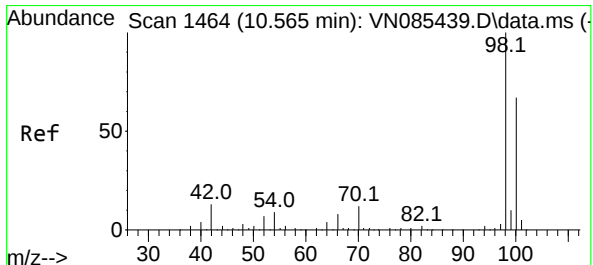
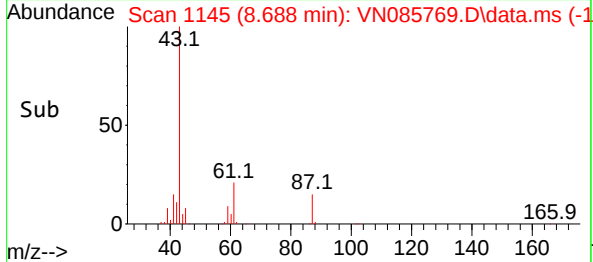
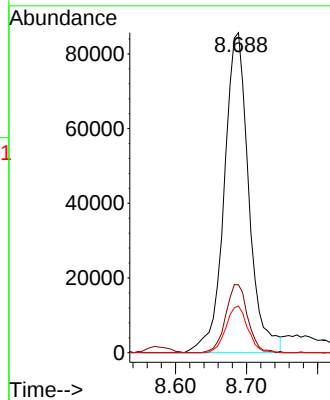
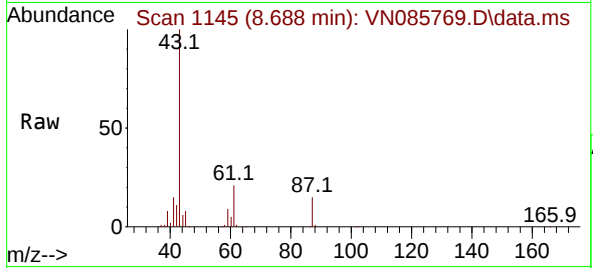




#43
Isopropyl Acetate
Concen: 27.564 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

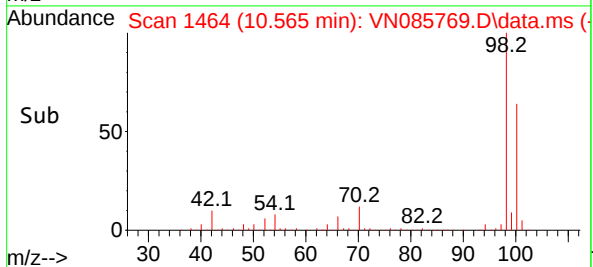
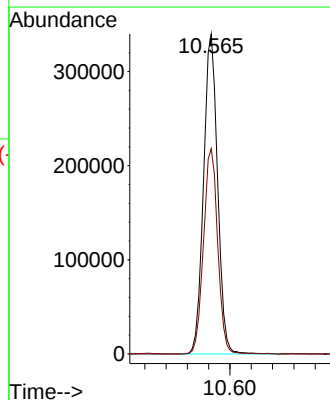
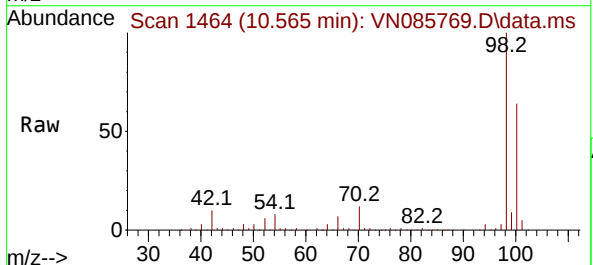
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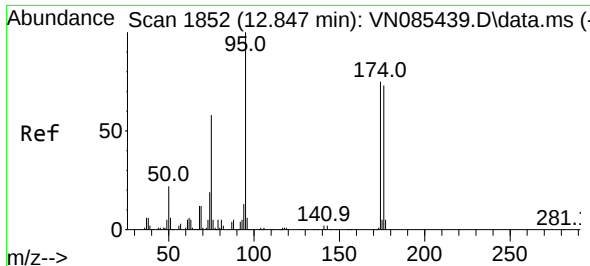
Tgt Ion: 43 Resp: 206286
Ion Ratio Lower Upper
43 100
61 19.1 20.7 31.1#
87 12.8 9.8 14.8



#50
Toluene-d8
Concen: 53.059 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

Tgt Ion: 98 Resp: 621535
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

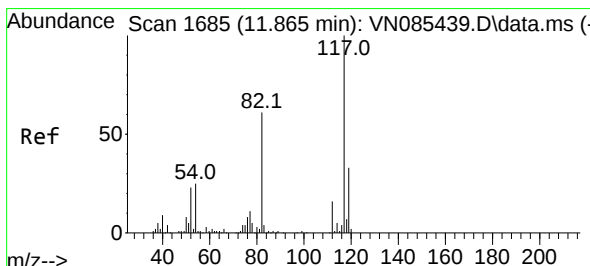
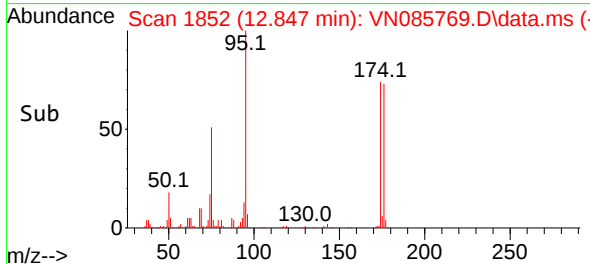
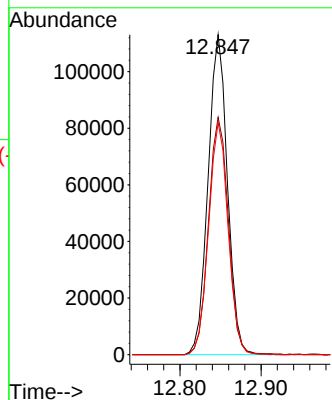
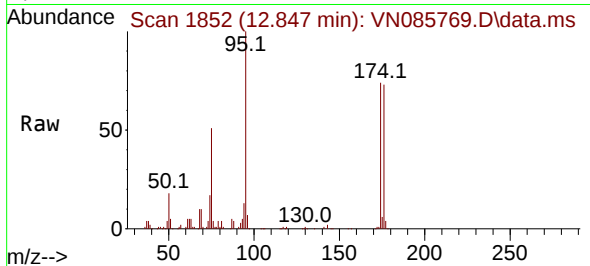




#62
4-Bromofluorobenzene
Concen: 46.659 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

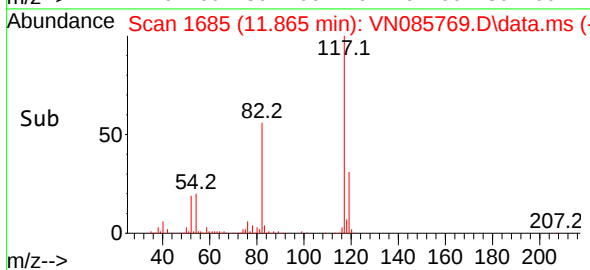
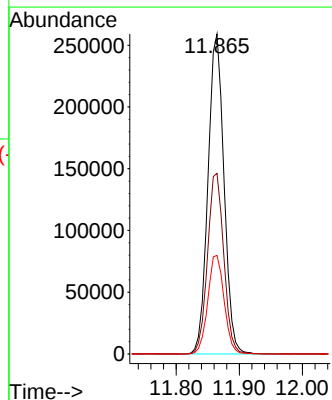
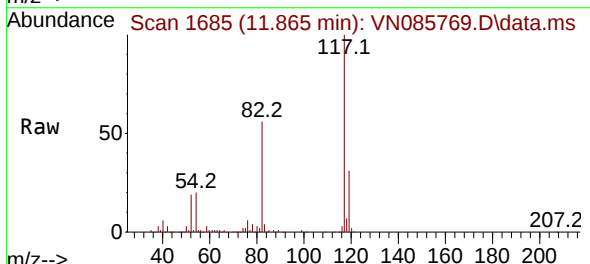
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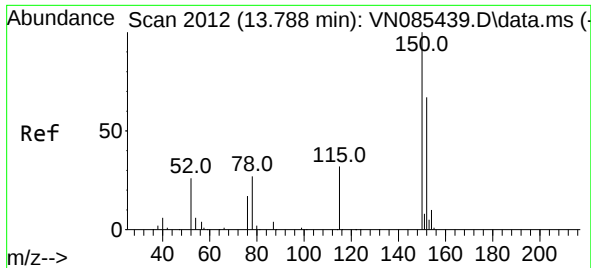
Tgt Ion: 95 Resp: 186965
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.0
176 73.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085769.D
Acq: 14 Feb 2025 14:18

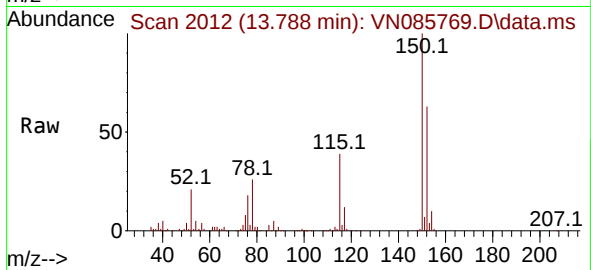
Tgt Ion: 117 Resp: 456510
Ion Ratio Lower Upper
117 100
82 56.5 48.6 72.8
119 30.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085769.D
 Acq: 14 Feb 2025 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166701ZHE#03



Tgt Ion:	152	Resp:	164170
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.1	93.3
150	158.9	0.0	343.6

