

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085671.D
 Acq On : 05 Feb 2025 12:47
 Operator : JC\MD
 Sample : PB166529TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529TB

Quant Time: Feb 06 00:39:14 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)

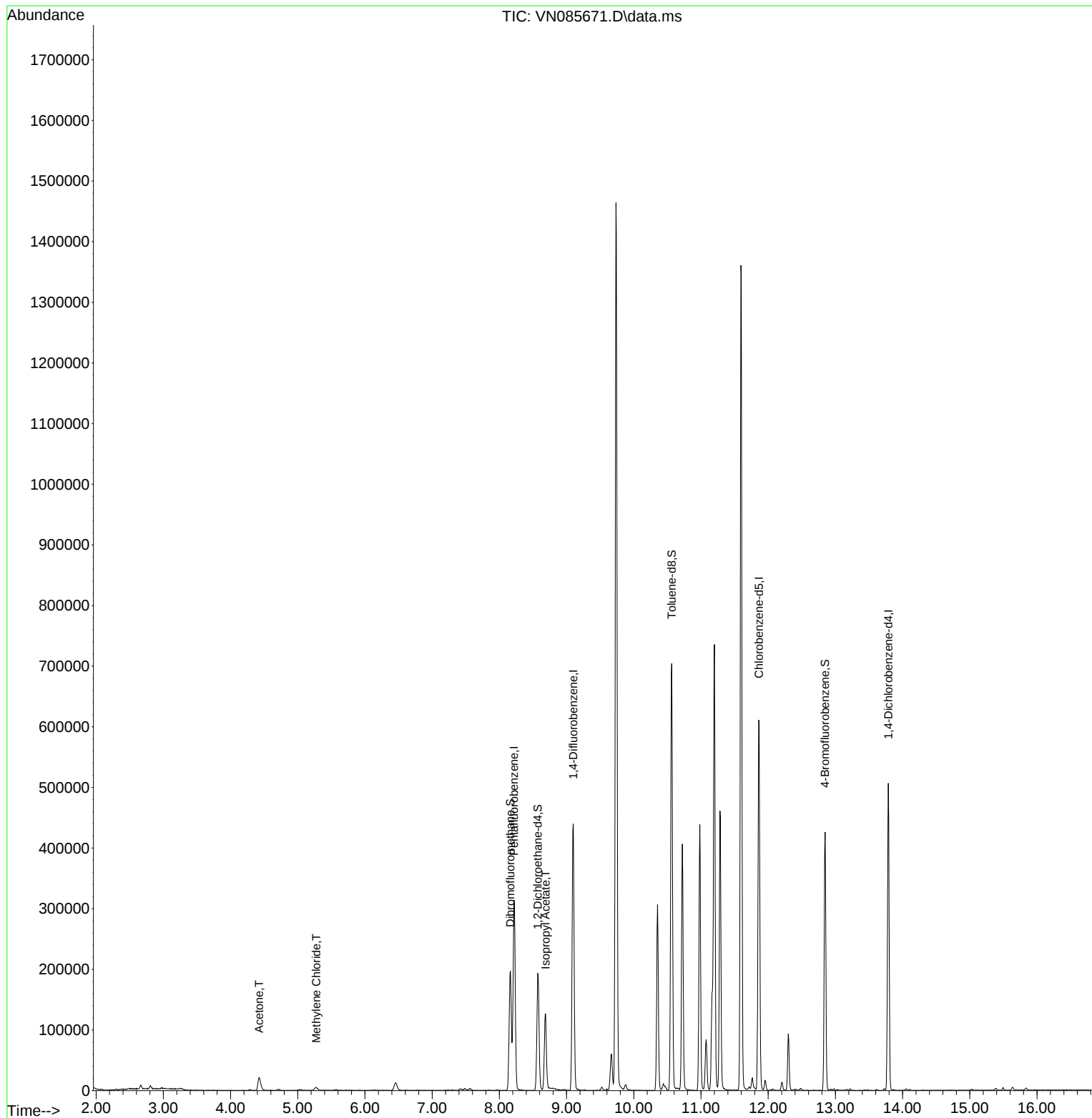
Internal Standards						
1) Pentafluorobenzene	8.218	168	221197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	387398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	153763	43.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.120%
35) Dibromofluoromethane	8.165	113	142497	53.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.040%
50) Toluene-d8	10.565	98	498847	52.241	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.847	95	145414	44.517	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.040%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	39301	34.066	ug/l	93
20) Methylene Chloride	5.277	84	4193	1.468	ug/l #	71
43) Isopropyl Acetate	8.688	43	139773	22.911	ug/l #	91

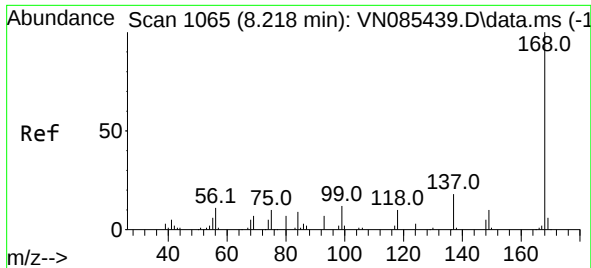
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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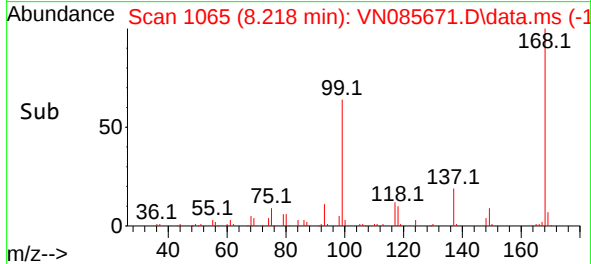
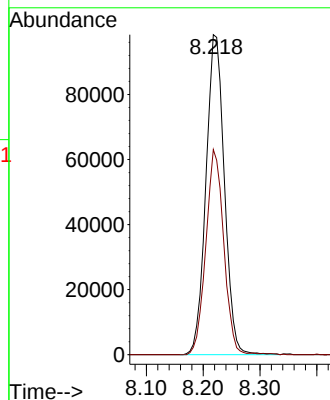
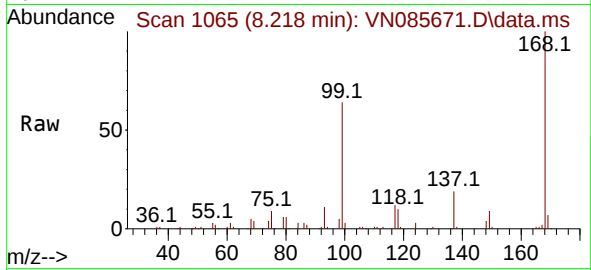




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

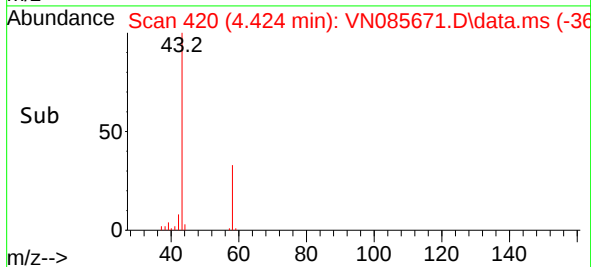
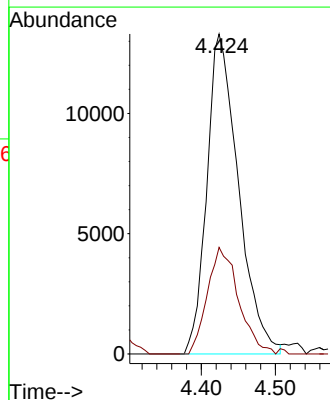
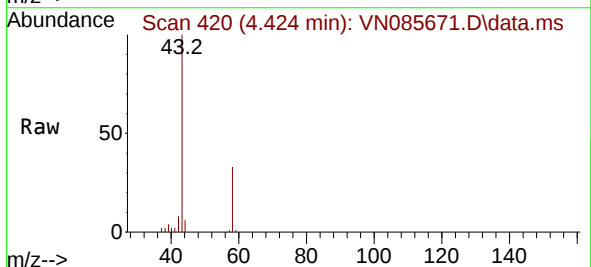
Instrument :
MSVOA_N
ClientSampleId :
PB166529TB

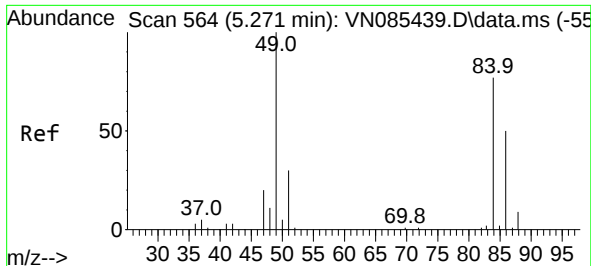
Tgt Ion:168 Resp: 221197
Ion Ratio Lower Upper
168 100
99 64.1 53.6 80.4



#16
Acetone
Concen: 34.066 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

Tgt Ion: 43 Resp: 39301
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.6



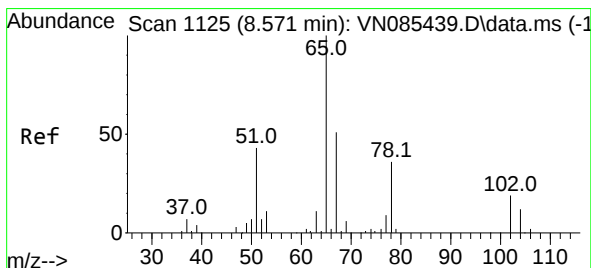
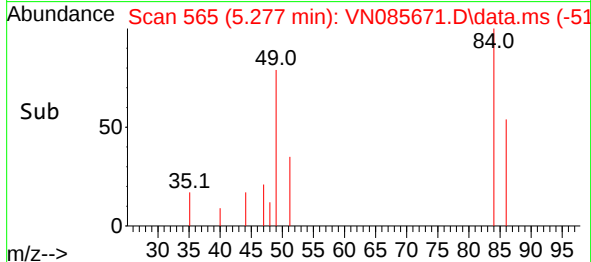
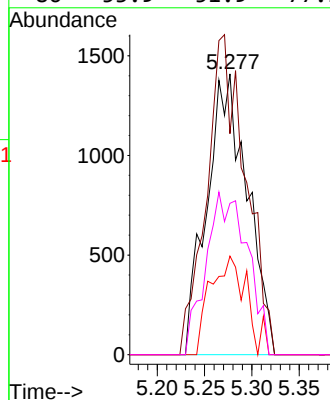
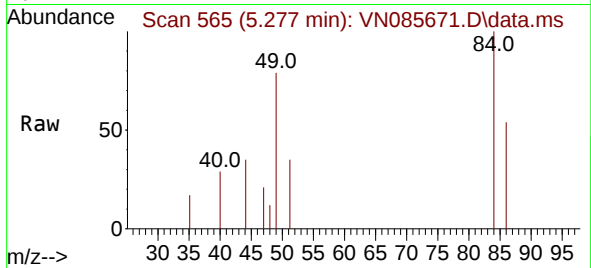


#20
Methylene Chloride
Concen: 1.468 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

Instrument :
MSVOA_N
ClientSampleId :
PB166529TB

Tgt Ion: 84 Resp: 4193

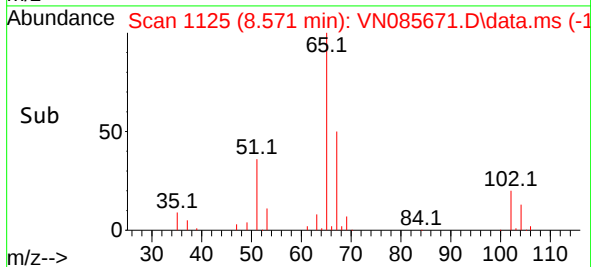
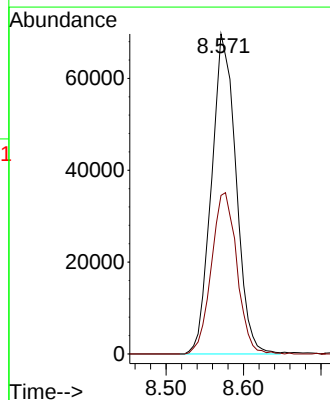
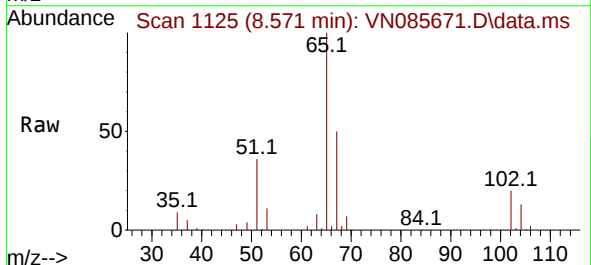
Ion	Ratio	Lower	Upper
84	100		
49	78.7	104.1	156.1#
51	35.1	31.0	46.4
86	53.9	51.9	77.9

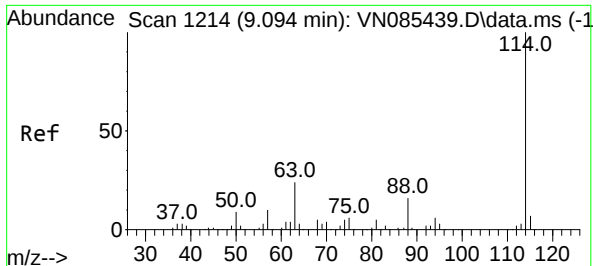


#33
1,2-Dichloroethane-d4
Concen: 43.064 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

Tgt Ion: 65 Resp: 153763

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085671.D

Acq: 05 Feb 2025 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB166529TB

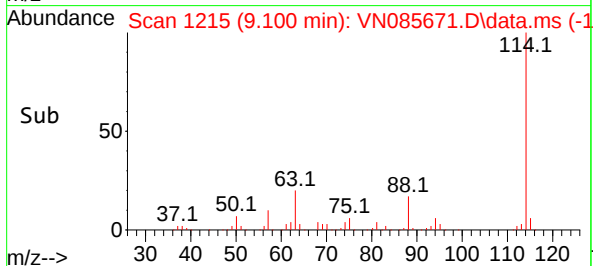
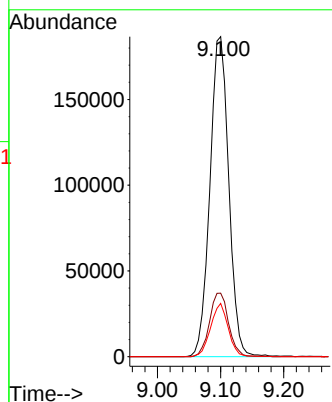
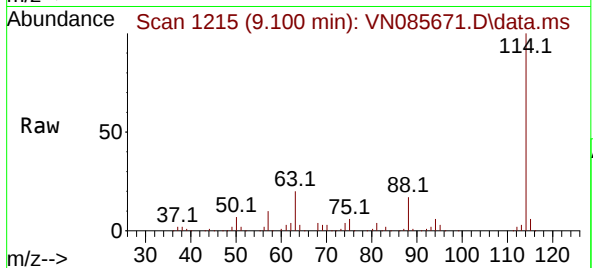
Tgt Ion:114 Resp: 387398

Ion Ratio Lower Upper

114 100

63 19.8 0.0 47.6

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.020 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085671.D

Acq: 05 Feb 2025 12:47

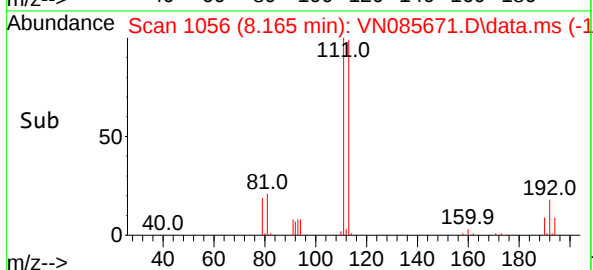
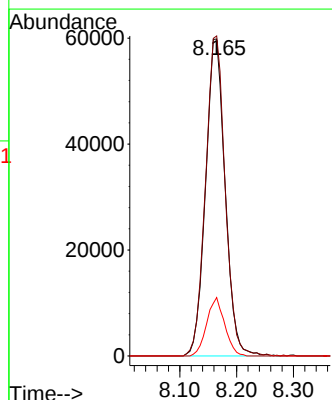
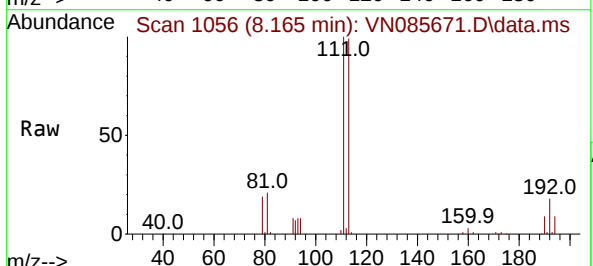
Tgt Ion:113 Resp: 142497

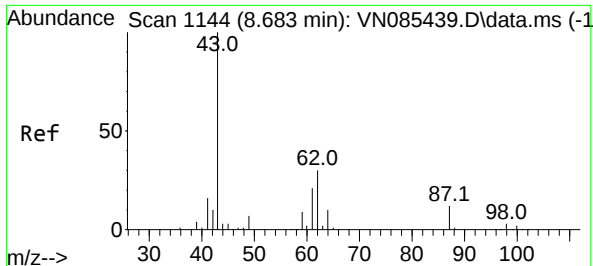
Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 17.0 14.3 21.5

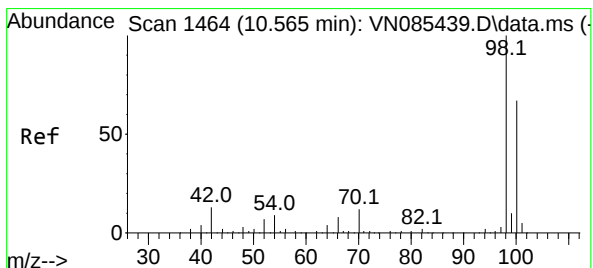
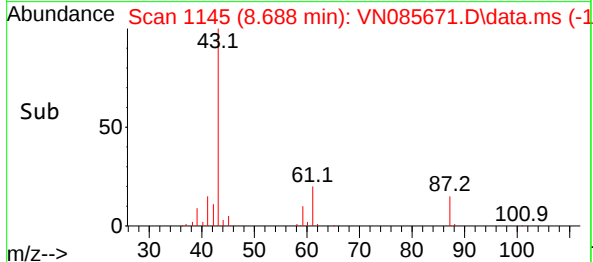
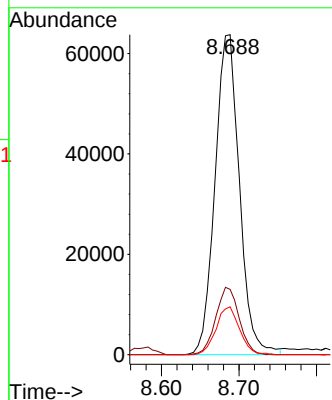
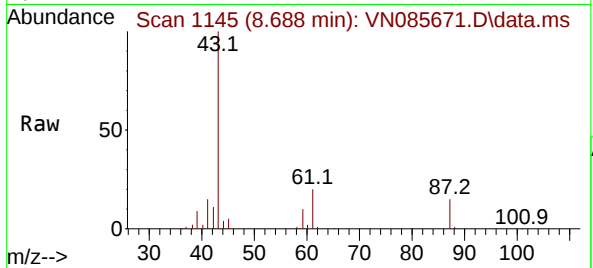




#43
Isopropyl Acetate
Concen: 22.911 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

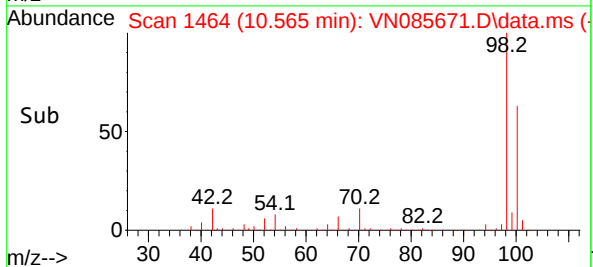
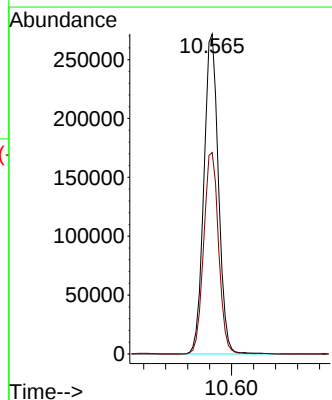
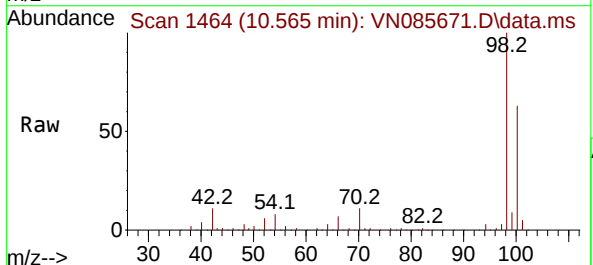
Instrument :
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PB166529TB

Tgt Ion: 43 Resp: 139773
Ion Ratio Lower Upper
43 100
61 20.2 20.7 31.1#
87 14.4 9.8 14.8



#50
Toluene-d8
Concen: 52.241 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

Tgt Ion: 98 Resp: 498847
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

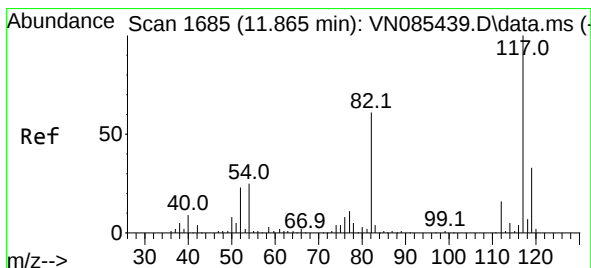
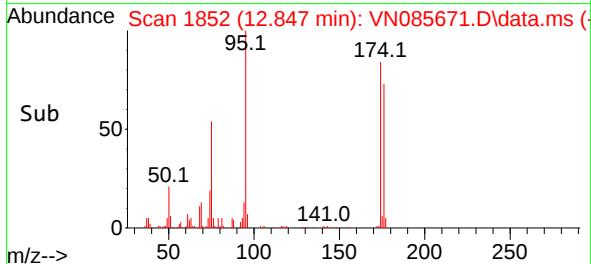
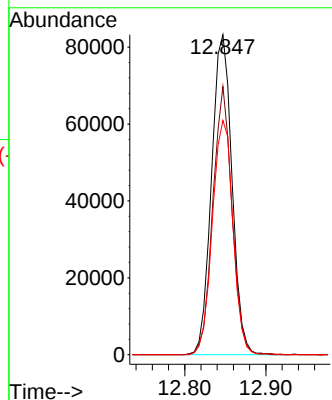
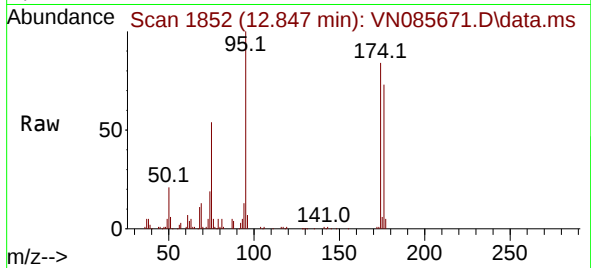




#62
4-Bromofluorobenzene
Concen: 44.517 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

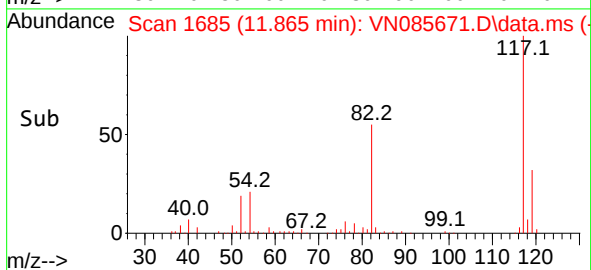
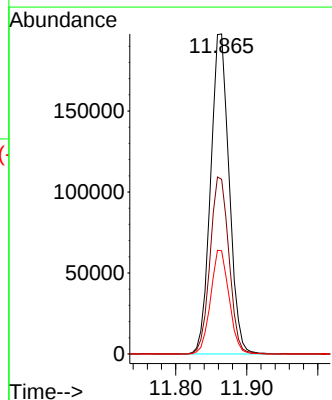
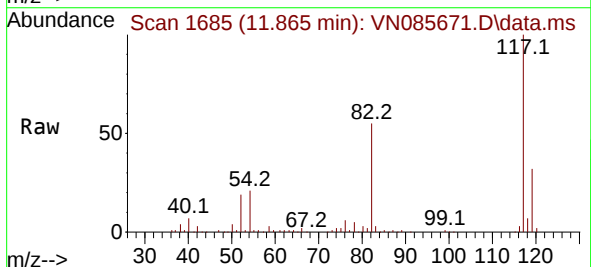
Instrument :
MSVOA_N
ClientSampleId :
PB166529TB

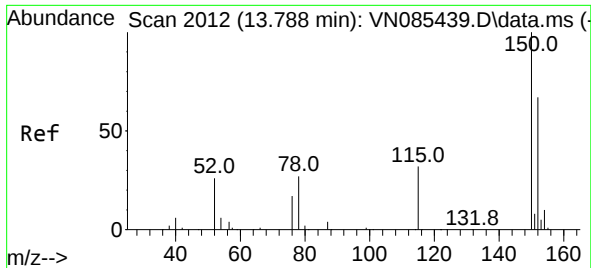
Tgt Ion: 95 Resp: 145414
Ion Ratio Lower Upper
95 100
174 78.6 0.0 145.0
176 73.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085671.D
Acq: 05 Feb 2025 12:47

Tgt Ion: 117 Resp: 357700
Ion Ratio Lower Upper
117 100
82 54.6 48.6 72.8
119 32.3 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: VN085671.D
 Acq: 05 Feb 2025 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529TB

Tgt Ion:152 Resp: 135115
 Ion Ratio Lower Upper
 152 100
 115 60.3 31.1 93.3
 150 156.9 0.0 343.6

