

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085807.D
 Acq On : 21 Feb 2025 17:03
 Operator : JC\MD
 Sample : PB166809TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166809TB

Quant Time: Feb 22 02:37:41 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)

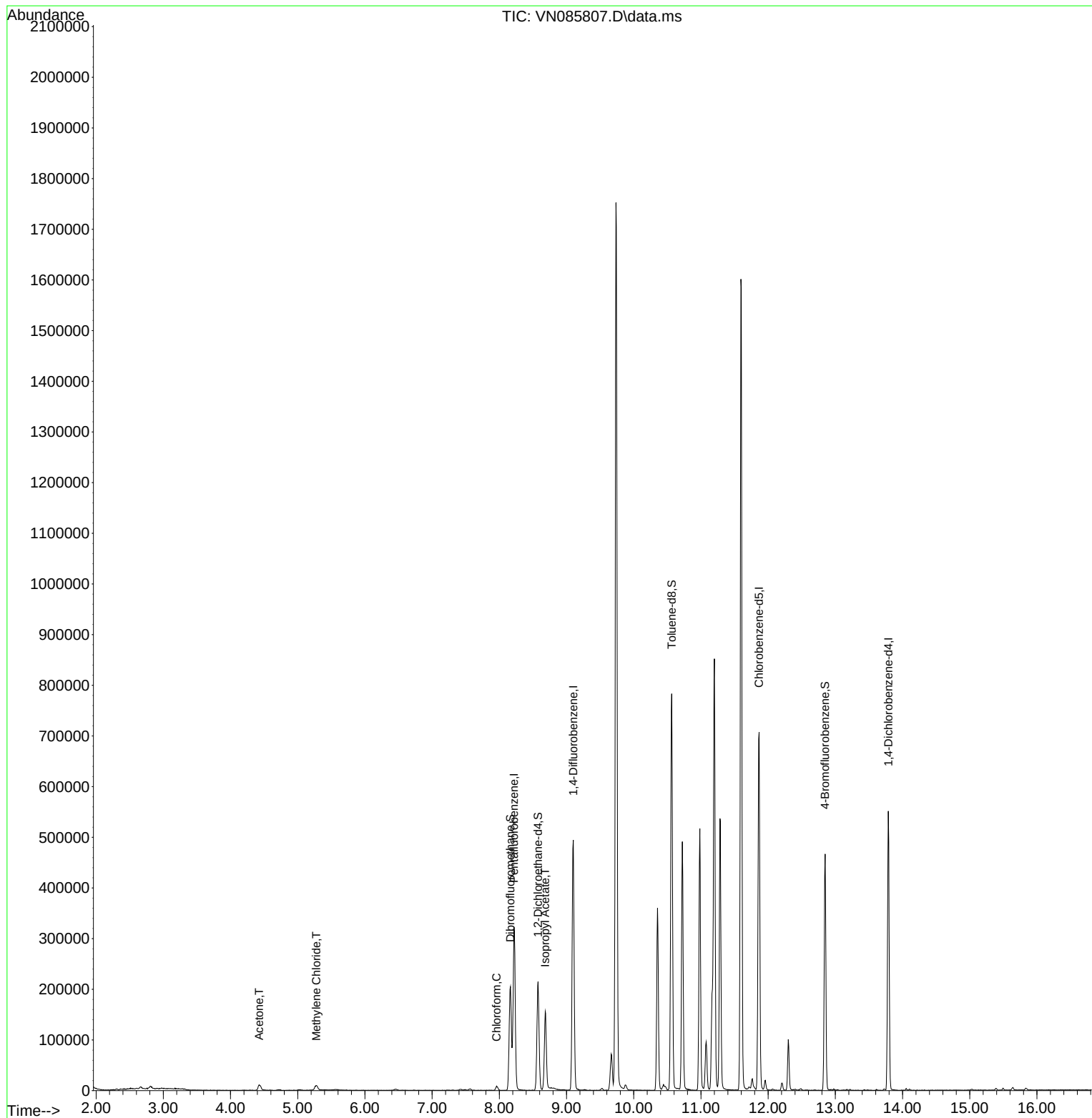
Internal Standards						
1) Pentafluorobenzene	8.218	168	230909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173290	57.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.780%
35) Dibromofluoromethane	8.165	113	151293	52.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.800%
50) Toluene-d8	10.565	98	564793	54.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.560%
62) 4-Bromofluorobenzene	12.847	95	167508	48.862	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.720%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	21831	23.047	ug/l	97
20) Methylene Chloride	5.277	84	8202	2.693	ug/l	87
30) Chloroform	7.959	83	8023	1.503	ug/l	96
43) Isopropyl Acetate	8.683	43	164323	27.869	ug/l #	91

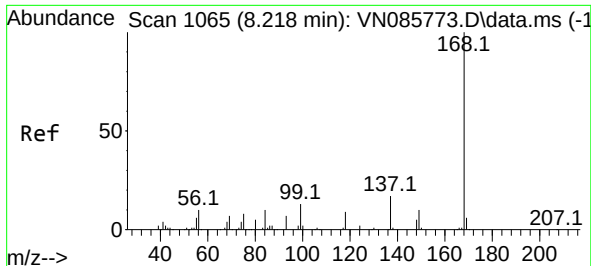
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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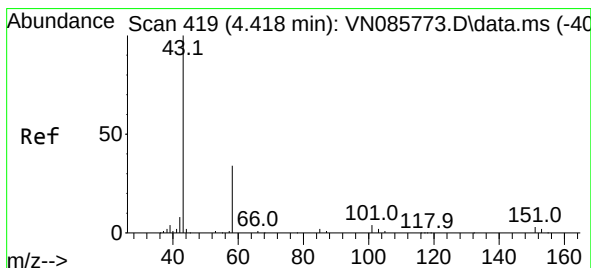
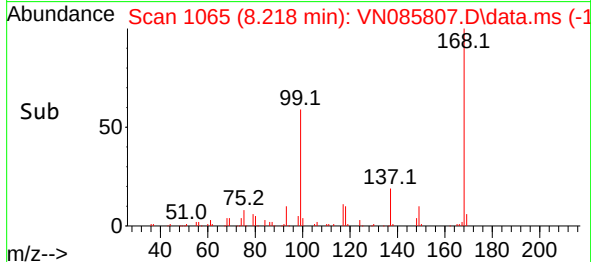
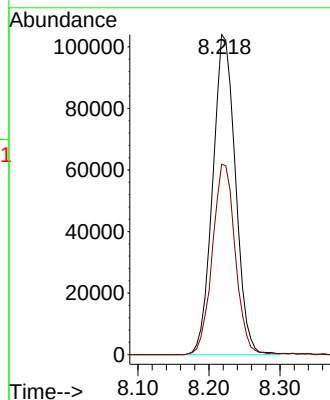
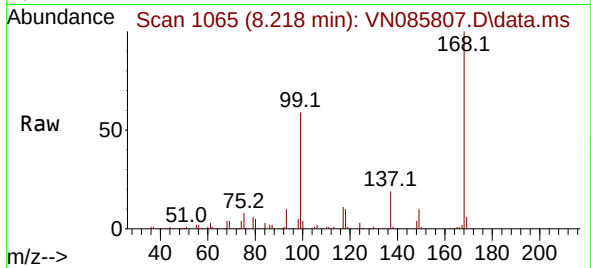




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

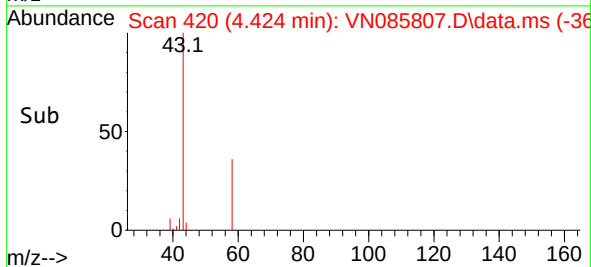
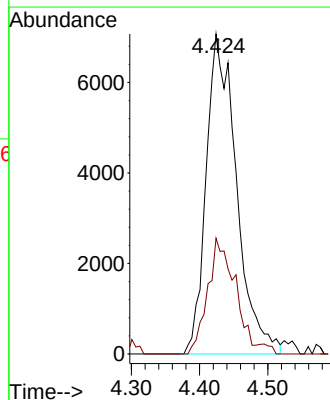
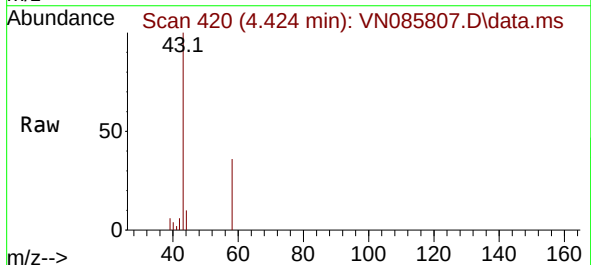
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

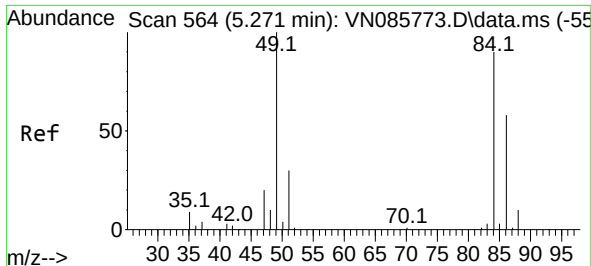
Tgt Ion:168 Resp: 230909
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#16
Acetone
Concen: 23.047 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 43 Resp: 21831
Ion Ratio Lower Upper
43 100
58 36.2 27.5 41.3

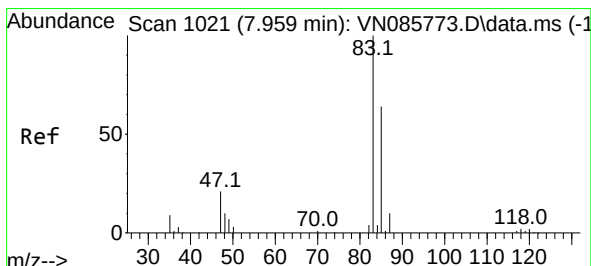
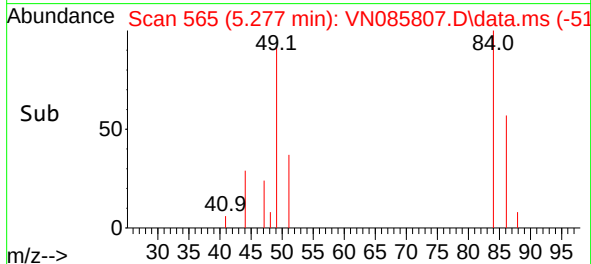
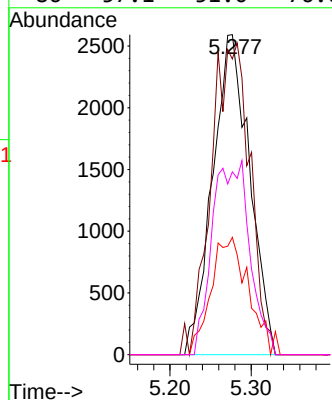
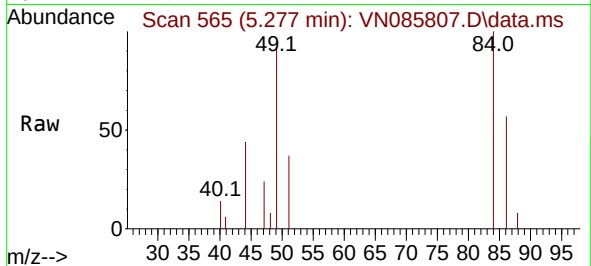




#20
Methylene Chloride
Concen: 2.693 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

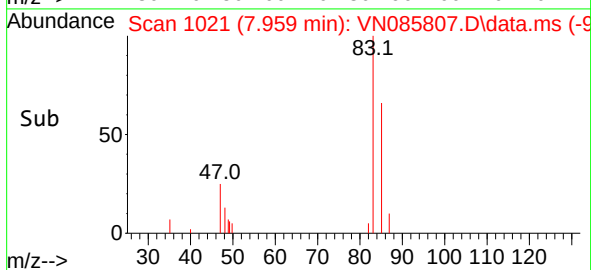
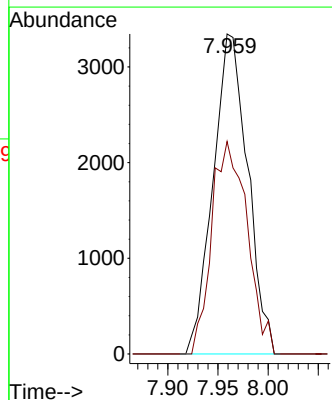
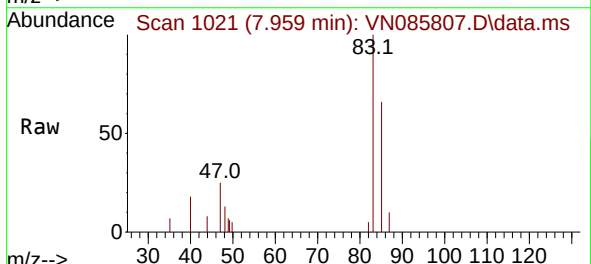
Instrument :
MSVOA_N
ClientSampleId :
PB166809TB

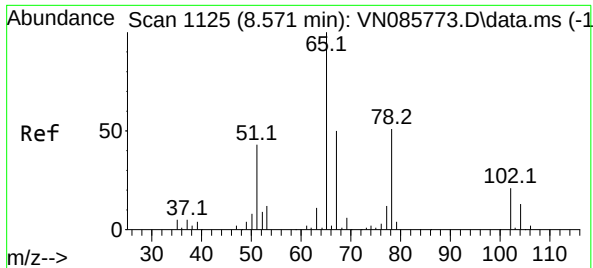
Tgt Ion: 84	Resp: 8202
Ion Ratio	Lower Upper
84 100	
49 92.4	88.4 132.6
51 36.7	26.6 40.0
86 57.1	51.0 76.6



#30
Chloroform
Concen: 1.503 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 83	Resp: 8023		
Ion Ratio	Lower	Upper	
83 100			
85 66.4	50.9	76.3	





#33

1,2-Dichloroethane-d4

Concen: 57.886 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

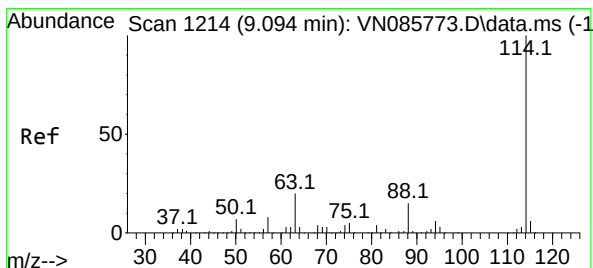
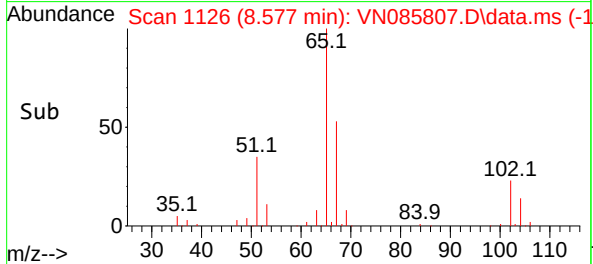
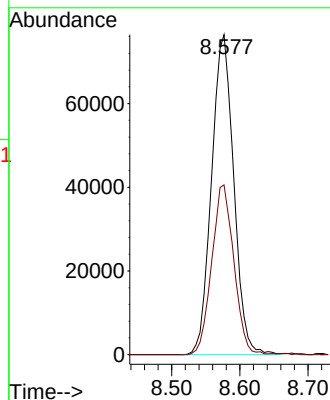
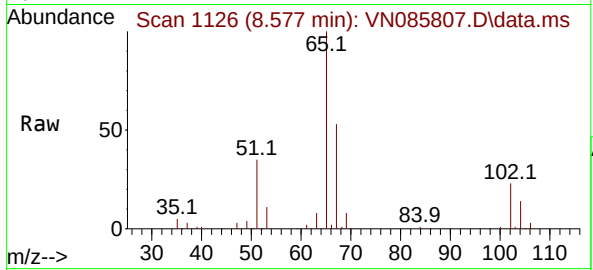
PB166809TB

Tgt Ion: 65 Resp: 173290

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

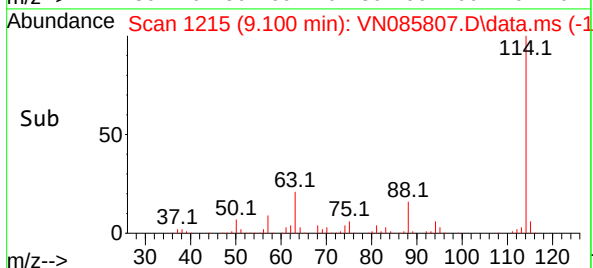
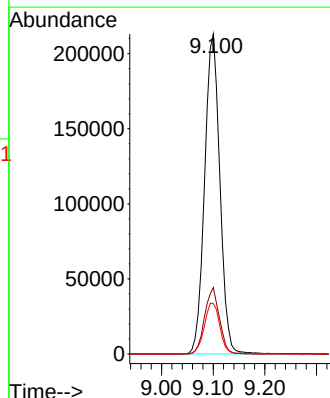
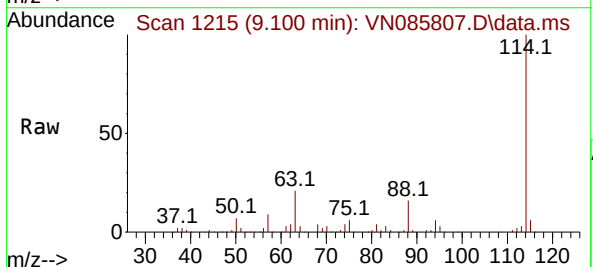
Tgt Ion: 114 Resp: 437050

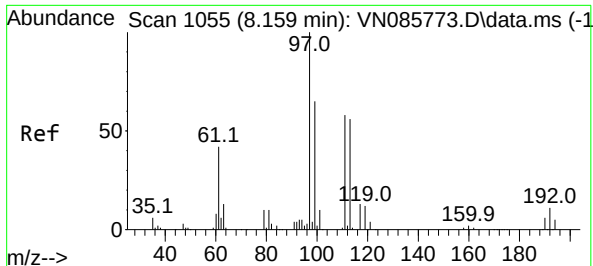
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.903 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB166809TB

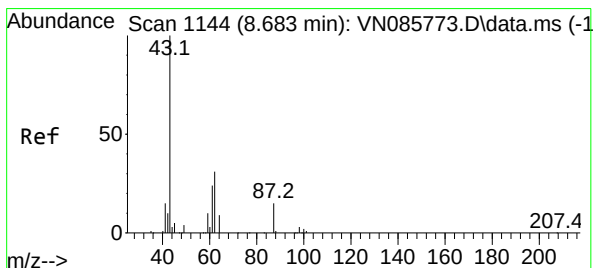
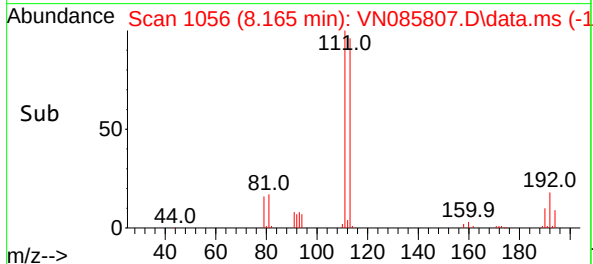
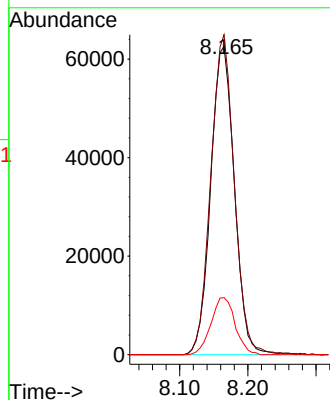
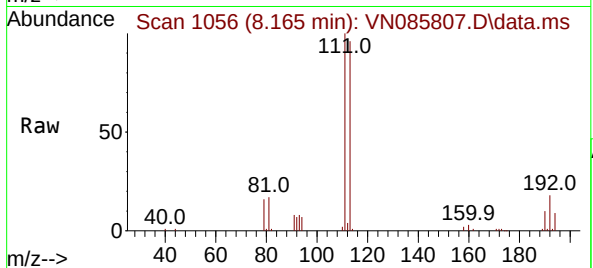
Tgt Ion:113 Resp: 151293

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 18.9 14.7 22.1



#43

Isopropyl Acetate

Concen: 27.869 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085807.D

Acq: 21 Feb 2025 17:03

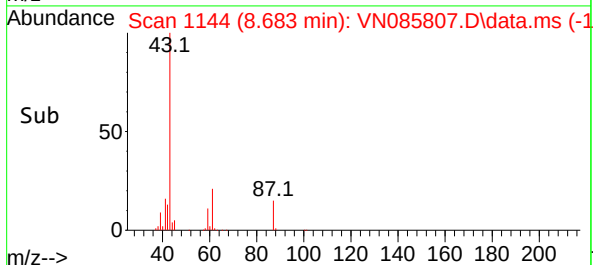
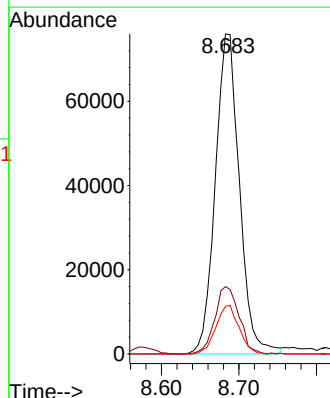
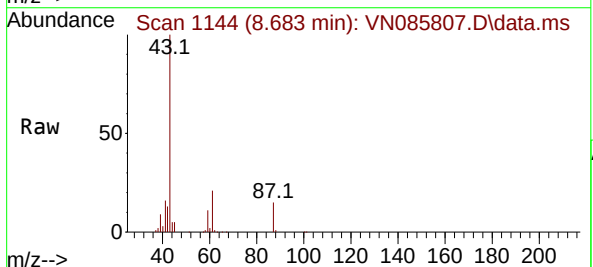
Tgt Ion: 43 Resp: 164323

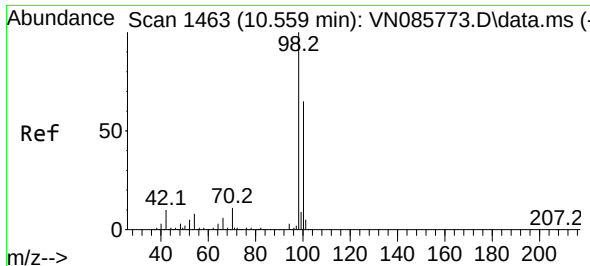
Ion Ratio Lower Upper

43 100

61 21.1 22.6 34.0#

87 14.5 11.8 17.8

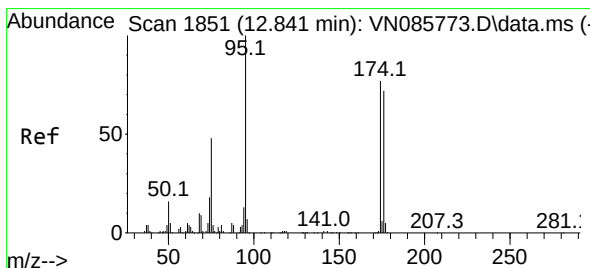
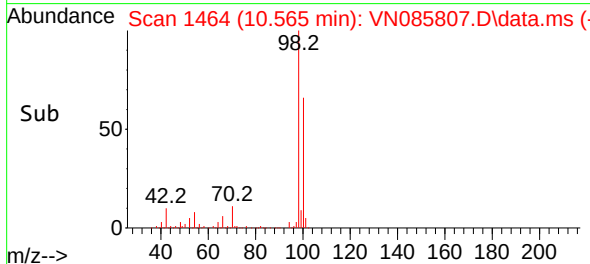
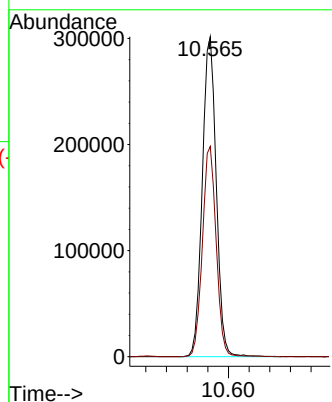
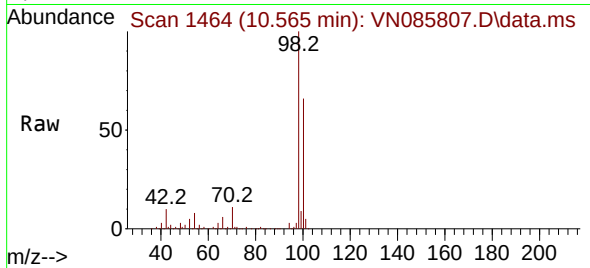




#50
Toluene-d8
Concen: 54.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

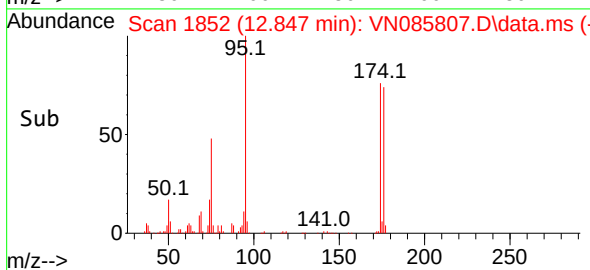
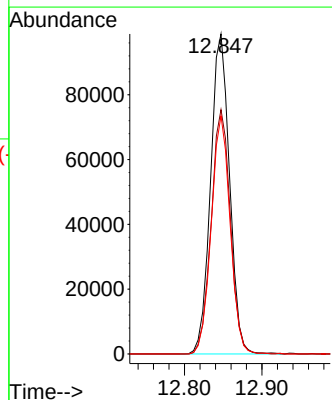
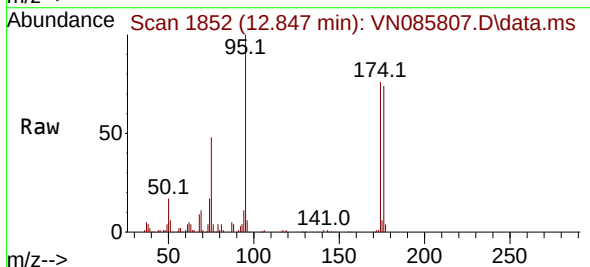
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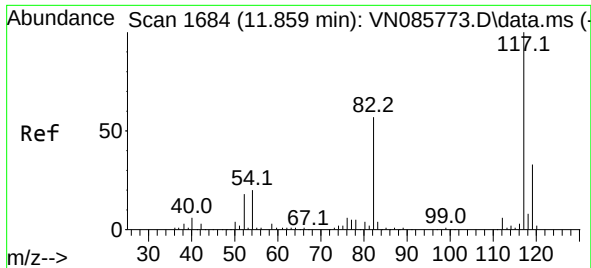
Tgt Ion: 98 Resp: 564793
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.862 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion: 95 Resp: 167508
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 74.0 0.0 146.6

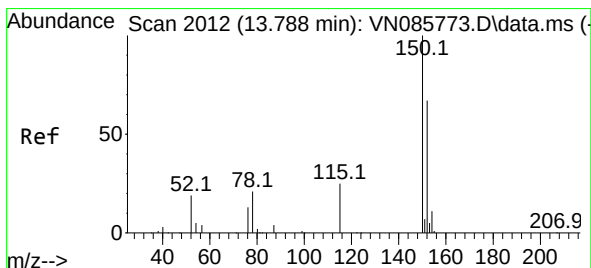
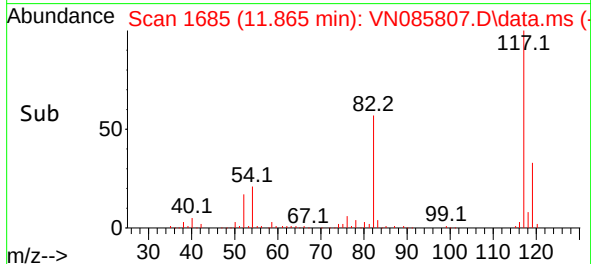
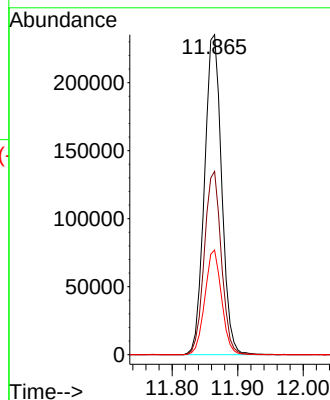
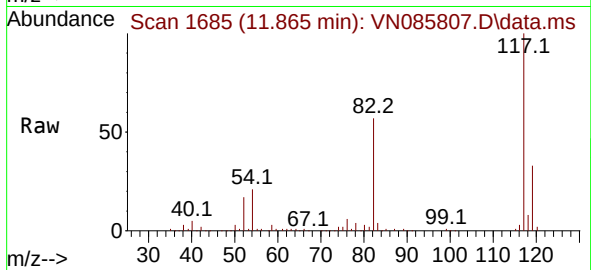




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Instrument :
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Tgt Ion:117 Resp: 428742
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085807.D
Acq: 21 Feb 2025 17:03

Tgt Ion:152 Resp: 151786
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 158.9 0.0 345.4

