

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085808.D
 Acq On : 21 Feb 2025 17:27
 Operator : JC\MD
 Sample : PB166809ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166809ZHE#01

Quant Time: Feb 22 02:38:15 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)

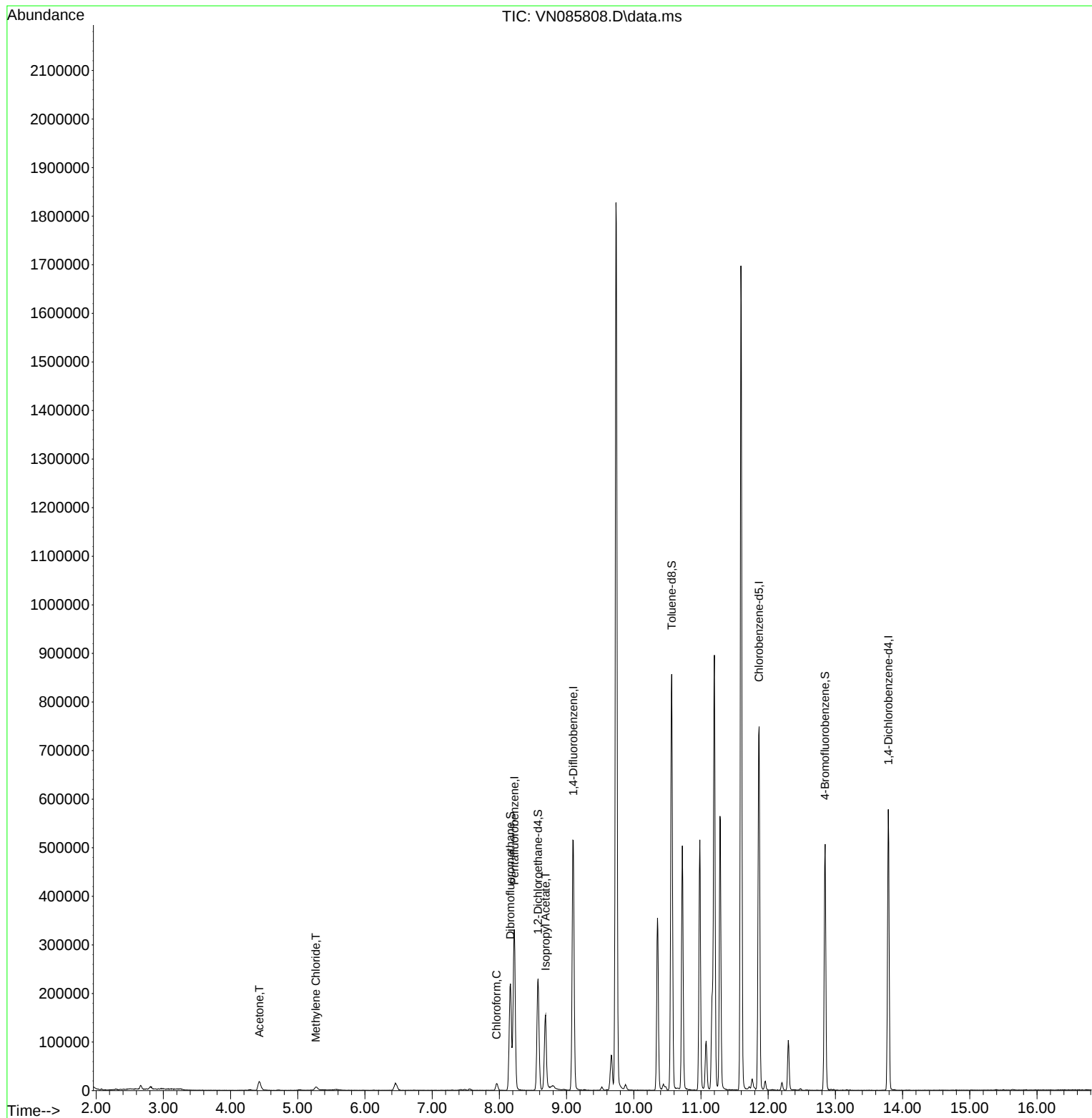
Internal Standards						
1) Pentafluorobenzene	8.224	168	237720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	450269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187863	60.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.920%
35) Dibromofluoromethane	8.165	113	163459	54.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.840%
50) Toluene-d8	10.565	98	605245	55.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.760%
62) 4-Bromofluorobenzene	12.847	95	179379	49.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.640%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	35116	36.010	ug/l	97
20) Methylene Chloride	5.271	84	5317	1.695	ug/l	88
30) Chloroform	7.959	83	14356	2.613	ug/l	100
43) Isopropyl Acetate	8.688	43	169089	27.294	ug/l #	90

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

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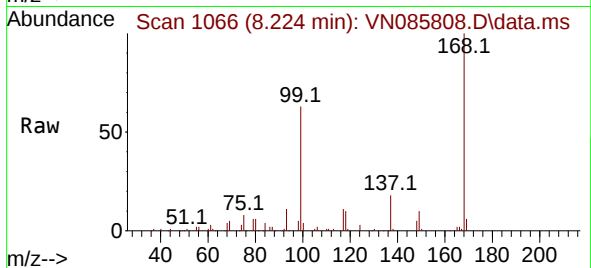
Quant Time: Feb 22 02:38:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
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QLast Update : Wed Feb 19 03:43:32 2025
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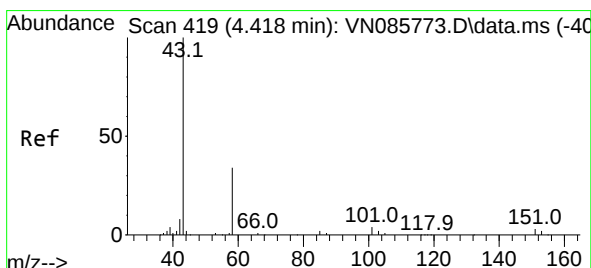
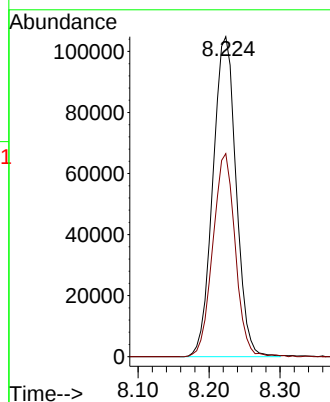
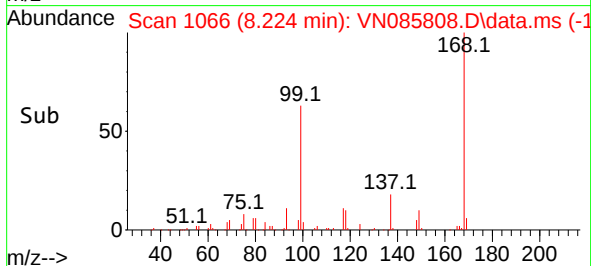


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#01

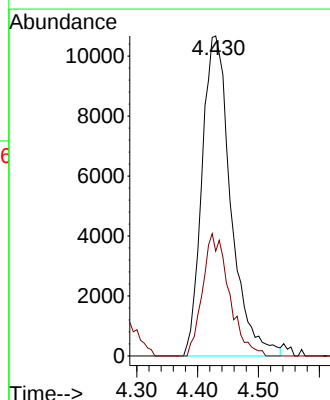
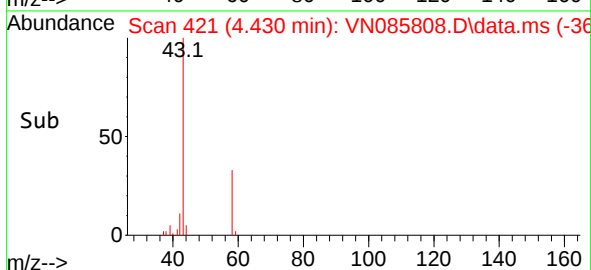
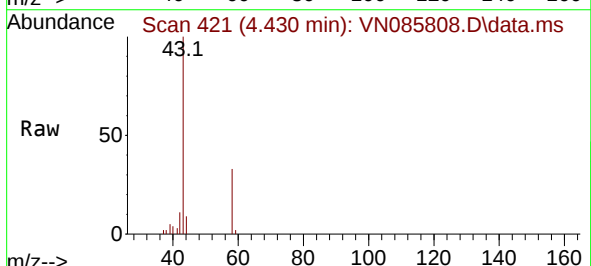


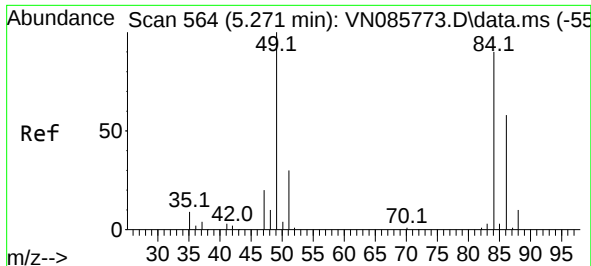
Tgt Ion:168 Resp: 237720
Ion Ratio Lower Upper
168 100
99 63.5 47.9 71.9



#16
Acetone
Concen: 36.010 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27

Tgt Ion: 43 Resp: 35116
Ion Ratio Lower Upper
43 100
58 32.8 27.5 41.3





#20

Methylene Chloride

Concen: 1.695 ug/l

RT: 5.271 min Scan# 5

Delta R.T. -0.000 min

Lab File: VN085808.D

Acq: 21 Feb 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB166809ZHE#01

Tgt Ion: 84 Resp: 5317

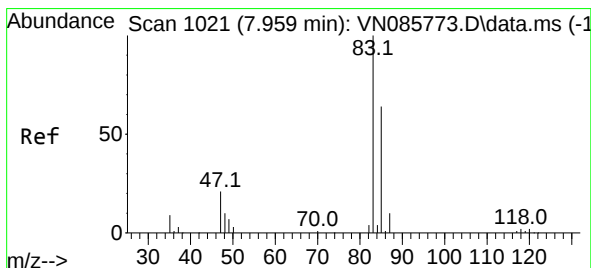
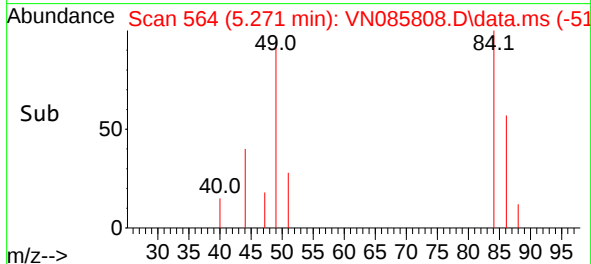
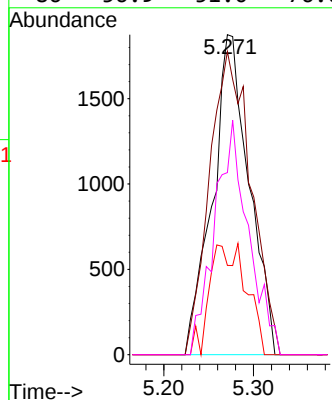
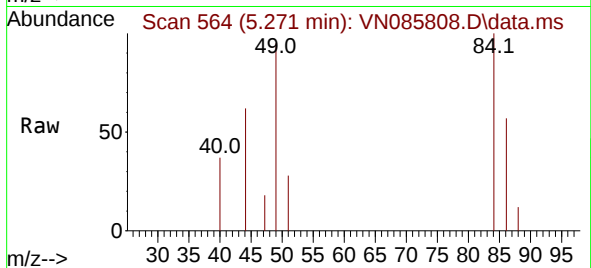
Ion Ratio Lower Upper

84 100

49 94.8 88.4 132.6

51 27.9 26.6 40.0

86 56.9 51.0 76.6



#30

Chloroform

Concen: 2.613 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085808.D

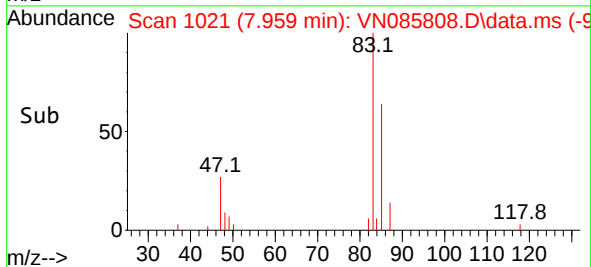
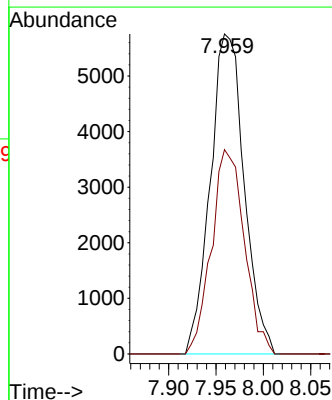
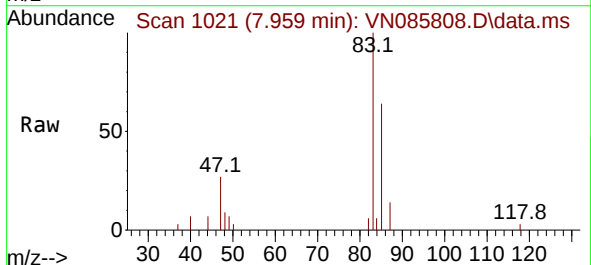
Acq: 21 Feb 2025 17:27

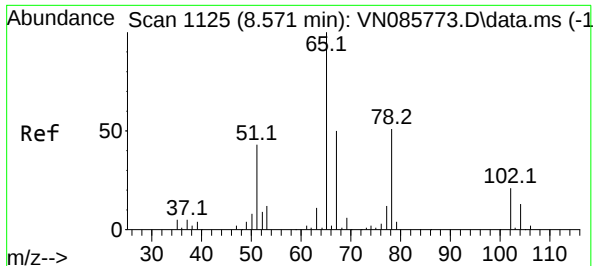
Tgt Ion: 83 Resp: 14356

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 60.956 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085808.D

Acq: 21 Feb 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

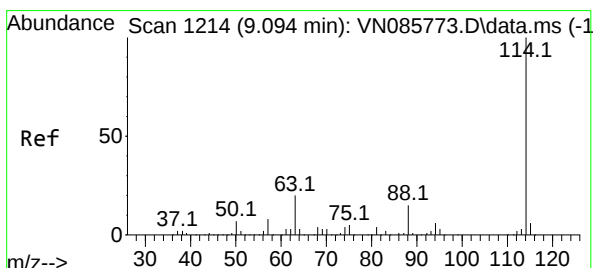
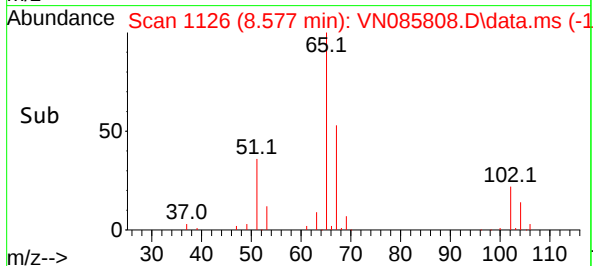
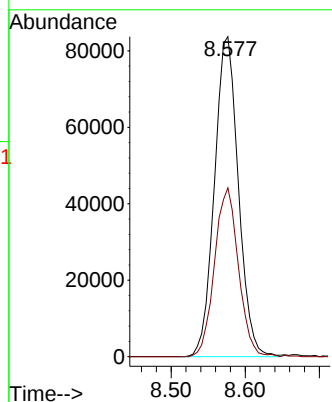
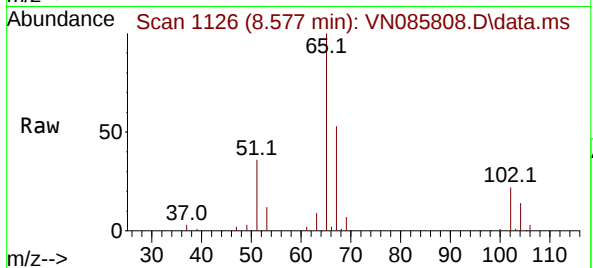
PB166809ZHE#01

Tgt Ion: 65 Resp: 187863

Ion Ratio Lower Upper

65 100

67 52.6 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: VN085808.D

Acq: 21 Feb 2025 17:27

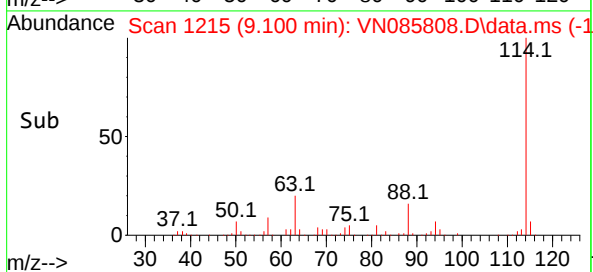
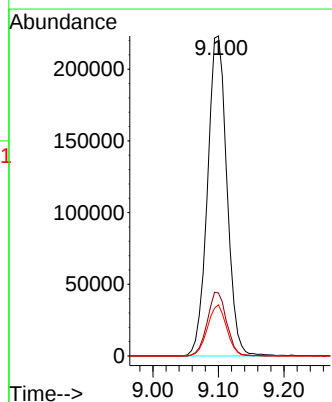
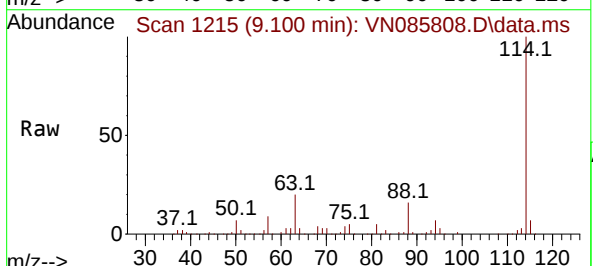
Tgt Ion: 114 Resp: 459021

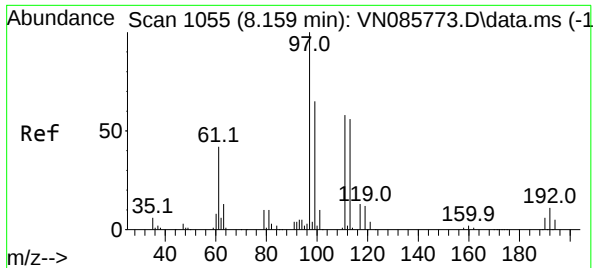
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

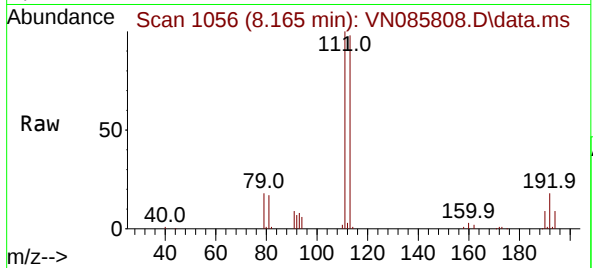
88 16.0 0.0 30.0



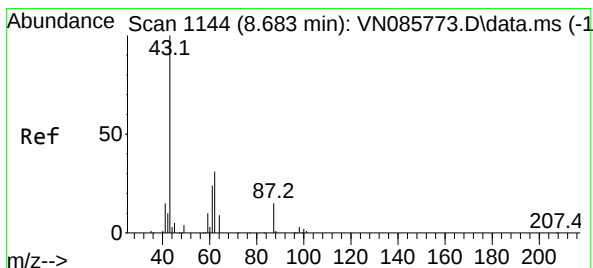
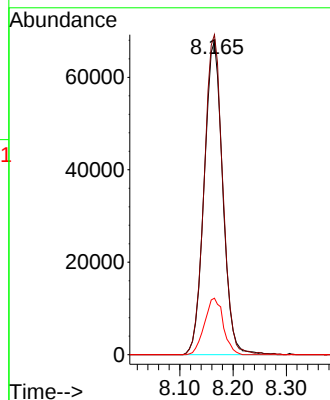
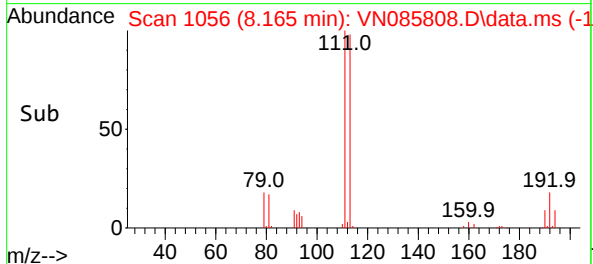


#35
Dibromofluoromethane
Concen: 54.421 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27

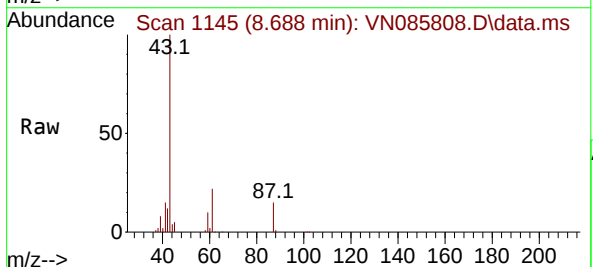
Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#01



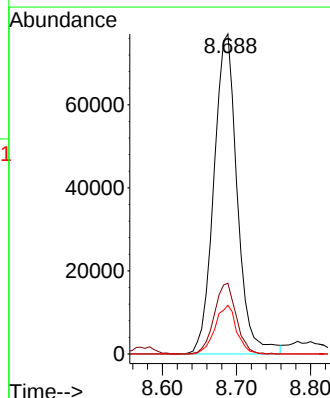
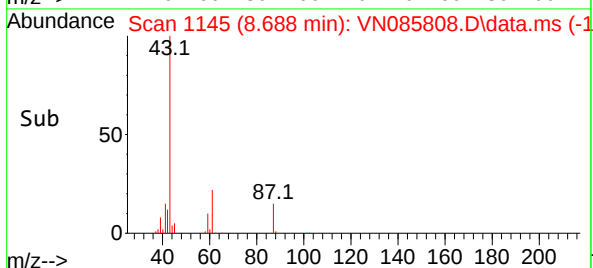
Tgt Ion:113 Resp: 163459
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.3 14.7 22.1

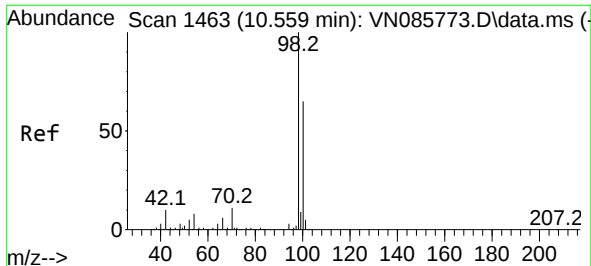


#43
Isopropyl Acetate
Concen: 27.294 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27



Tgt Ion: 43 Resp: 169089
Ion Ratio Lower Upper
43 100
61 20.8 22.6 34.0#
87 13.9 11.8 17.8

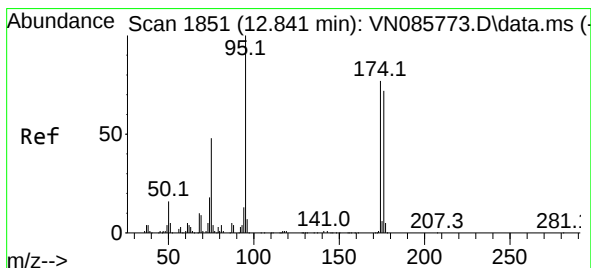
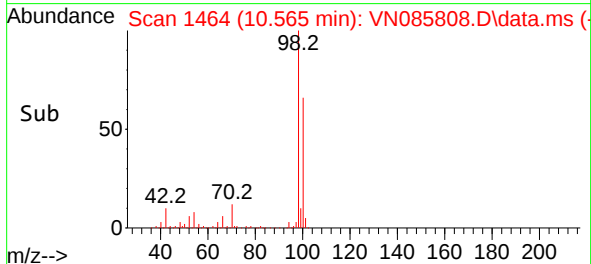
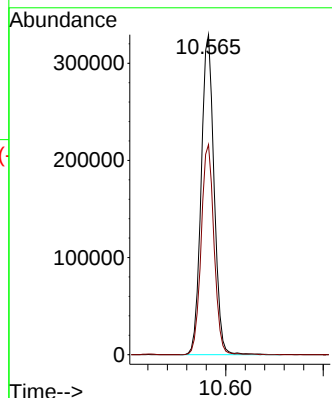
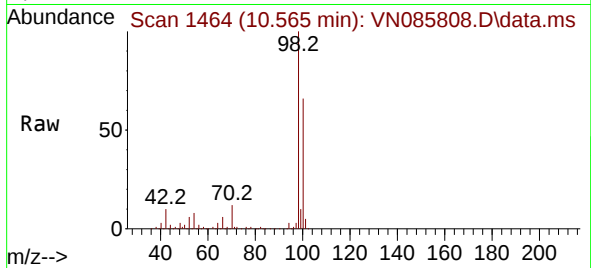




#50
Toluene-d8
Concen: 55.384 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27

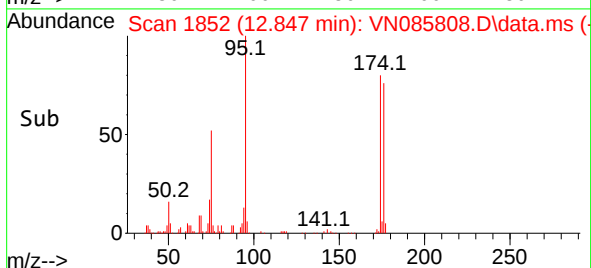
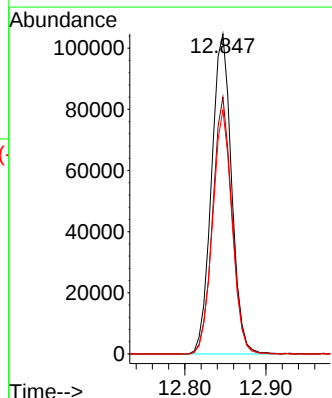
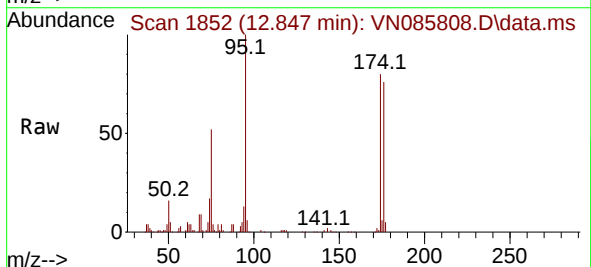
Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#01

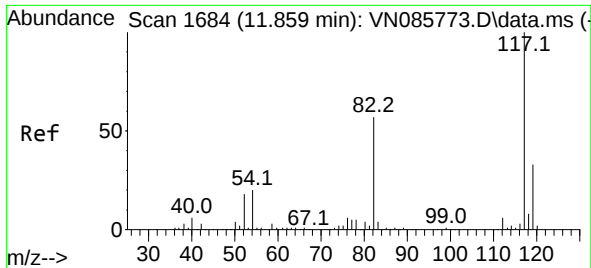
Tgt Ion: 98 Resp: 605245
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27

Tgt Ion: 95 Resp: 179379
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.4
176 73.9 0.0 146.6

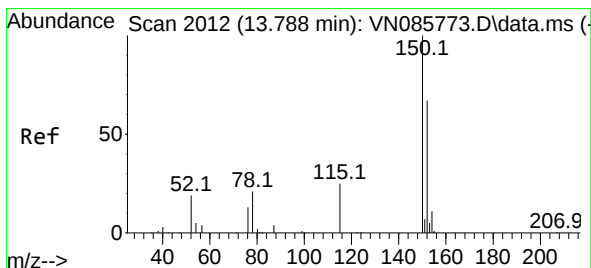
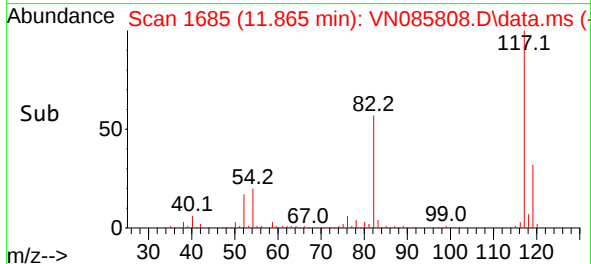
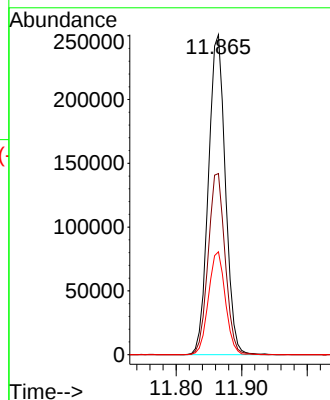
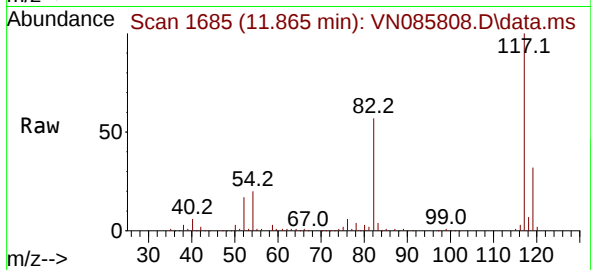




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085808.D
Acq: 21 Feb 2025 17:27

Instrument :
MSVOA_N
ClientSampleId :
PB166809ZHE#01

Tgt Ion:117 Resp: 450269
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 32.2 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: VN085808.D
Acq: 21 Feb 2025 17:27

Tgt Ion:152 Resp: 161096
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 154.6 0.0 345.4

