

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085899.D
 Acq On : 06 Mar 2025 15:30
 Operator : JC\MD
 Sample : PB166989ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#01

Quant Time: Mar 07 00:39:12 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)

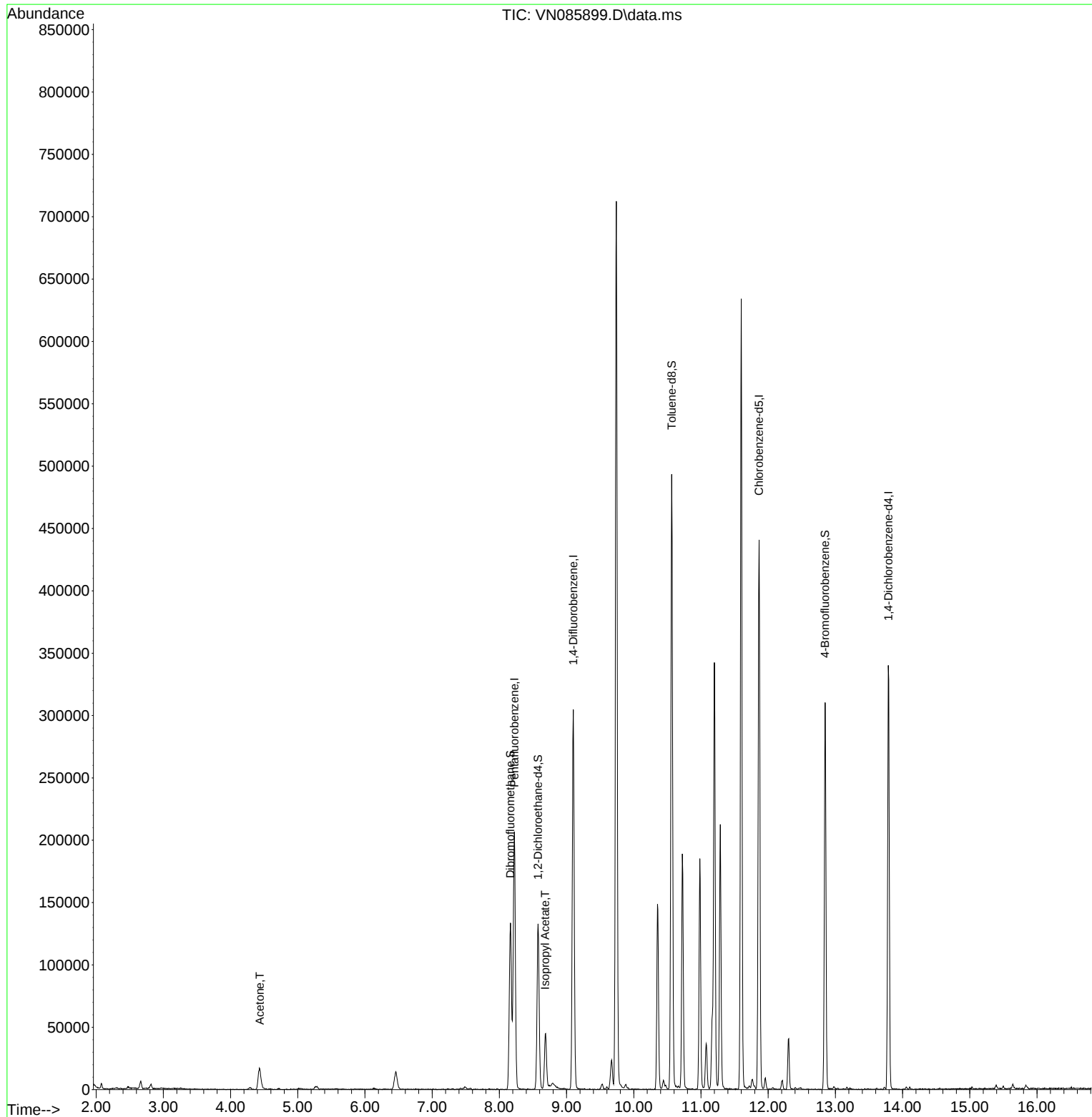
Internal Standards						
1) Pentafluorobenzene	8.224	168	151418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	109310	55.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.360%
35) Dibromofluoromethane	8.165	113	96008	55.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.220%
50) Toluene-d8	10.565	98	352300	55.581	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.160%
62) 4-Bromofluorobenzene	12.847	95	108983	52.185	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.360%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	32452	52.245	ug/l	89
43) Isopropyl Acetate	8.682	43	48615	13.251	ug/l #	91

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

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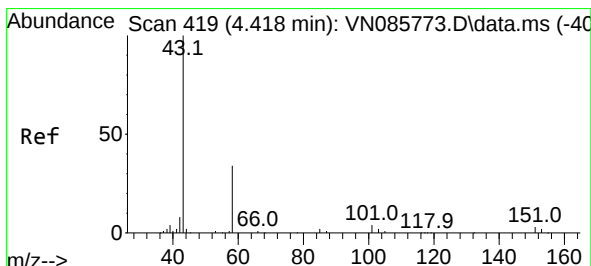
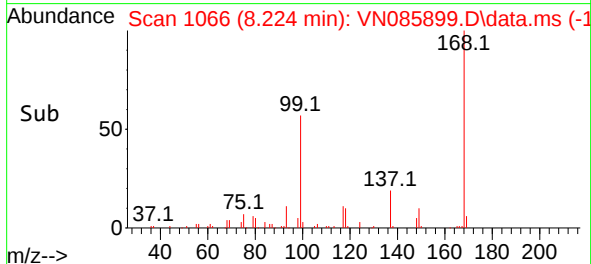
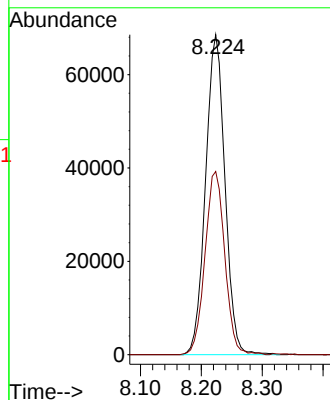
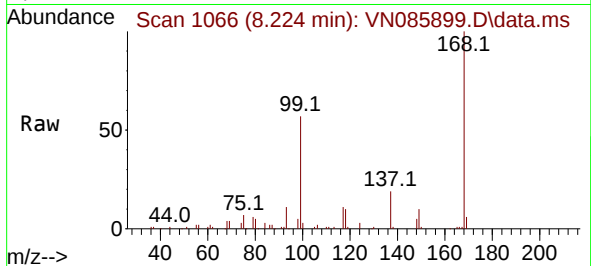




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085899.D
Acq: 06 Mar 2025 15:30

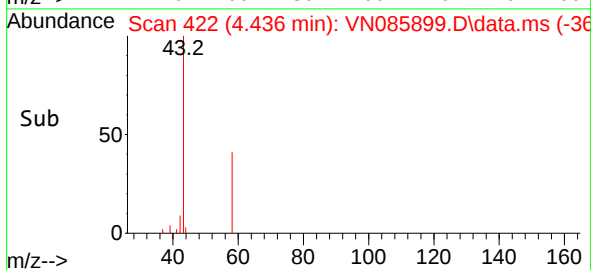
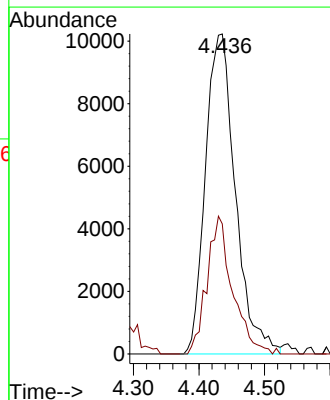
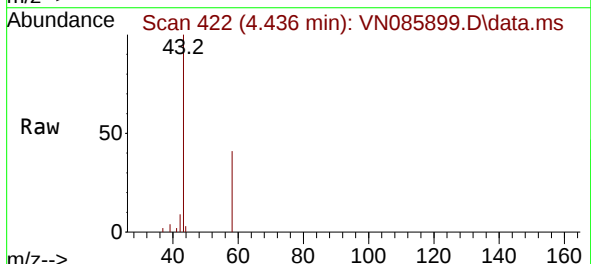
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#01

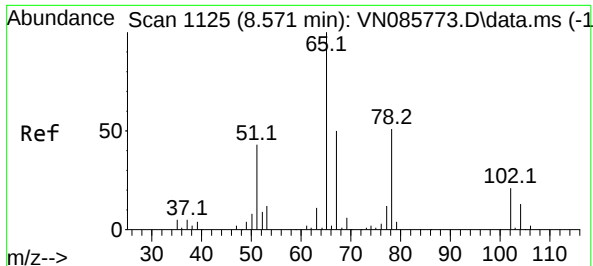
Tgt Ion:168 Resp: 151418
Ion Ratio Lower Upper
168 100
99 57.2 47.9 71.9



#16
Acetone
Concen: 52.245 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085899.D
Acq: 06 Mar 2025 15:30

Tgt Ion: 43 Resp: 32452
Ion Ratio Lower Upper
43 100
58 40.7 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 55.683 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085899.D

Acq: 06 Mar 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

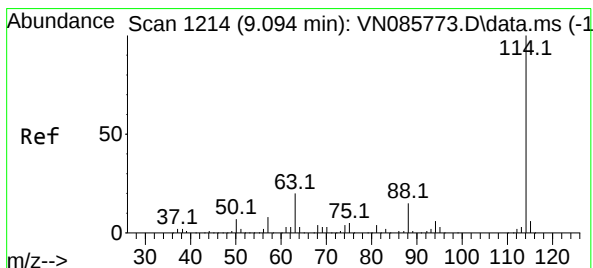
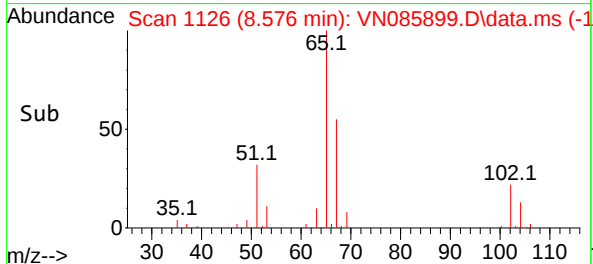
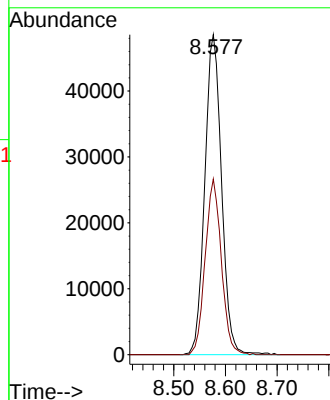
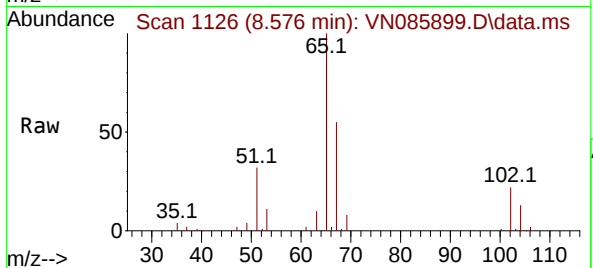
PB166989ZHE#01

Tgt Ion: 65 Resp: 109310

Ion Ratio Lower Upper

65 100

67 52.9 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: VN085899.D

Acq: 06 Mar 2025 15:30

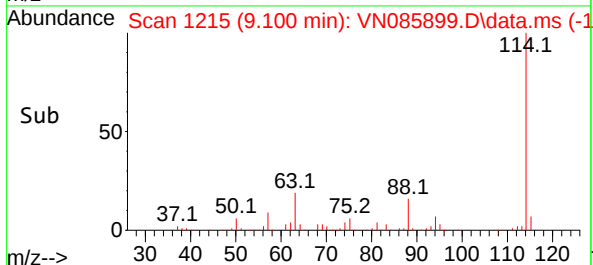
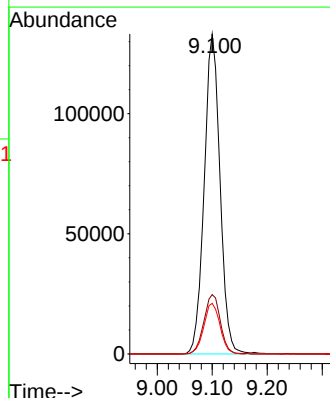
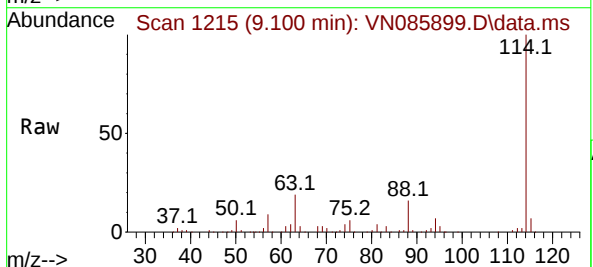
Tgt Ion: 114 Resp: 266243

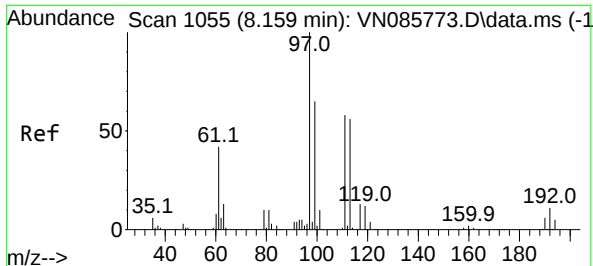
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.108 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085899.D

Acq: 06 Mar 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#01

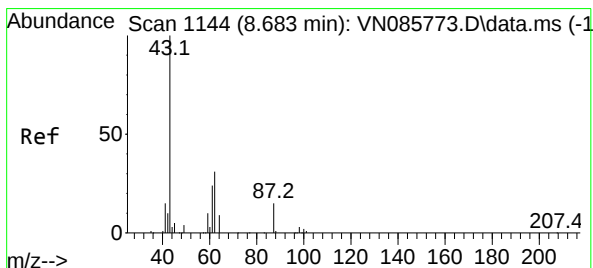
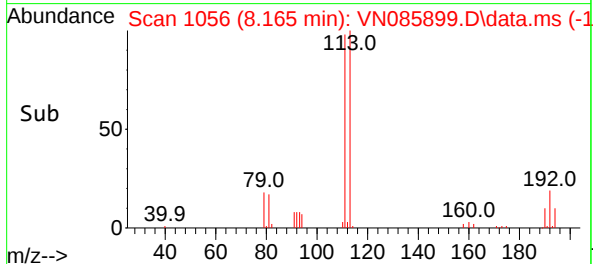
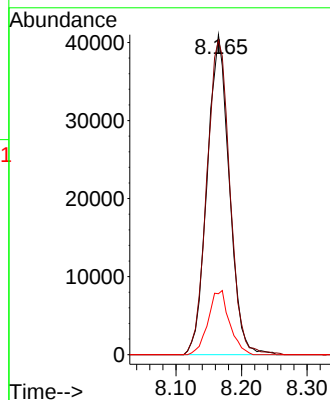
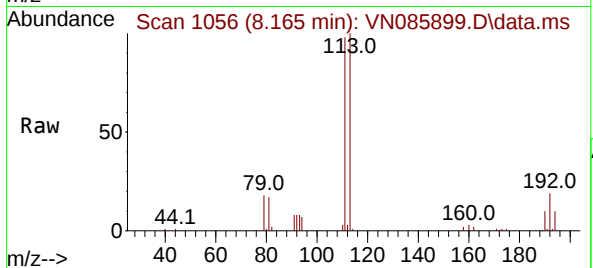
Tgt Ion:113 Resp: 96008

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 19.4 14.7 22.1



#43

Isopropyl Acetate

Concen: 13.251 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN085899.D

Acq: 06 Mar 2025 15:30

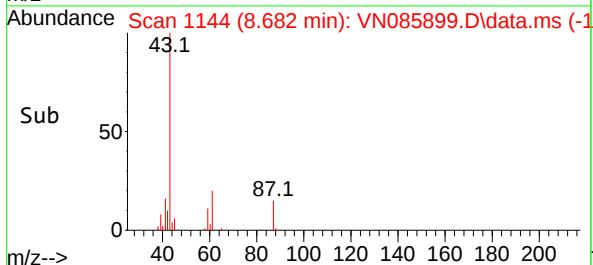
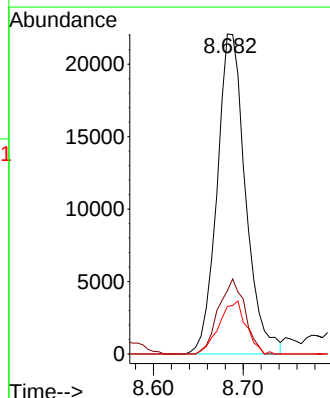
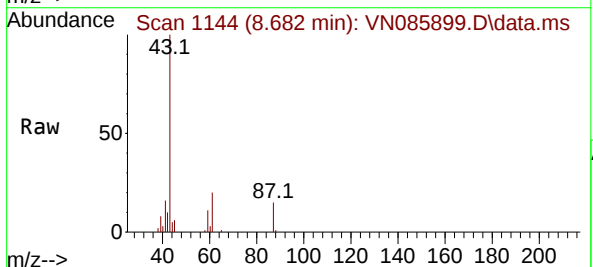
Tgt Ion: 43 Resp: 48615

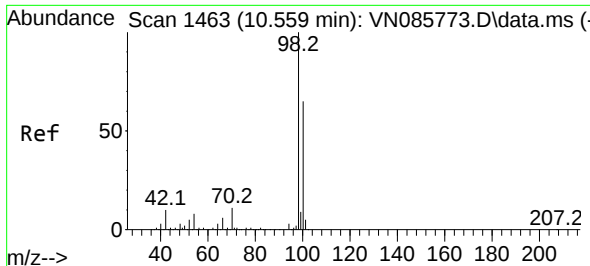
Ion Ratio Lower Upper

43 100

61 21.8 22.6 34.0#

87 15.6 11.8 17.8

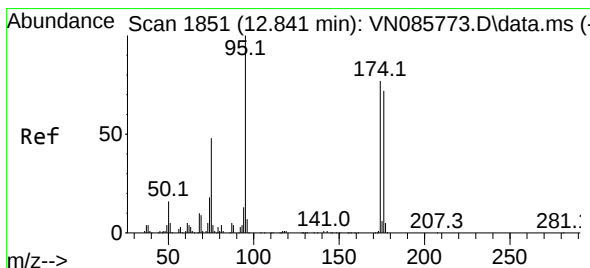
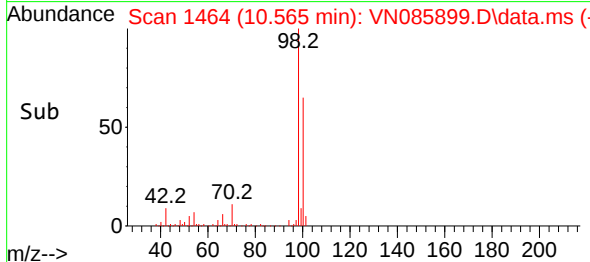
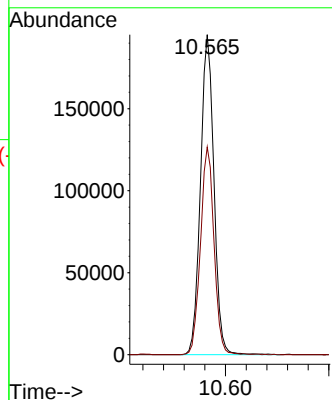
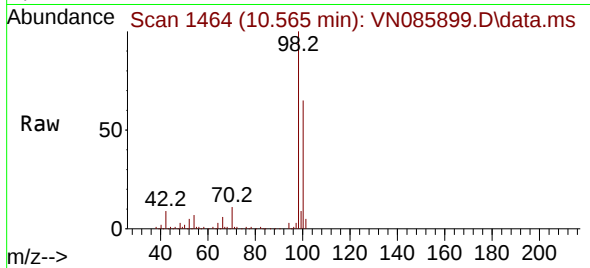




#50
Toluene-d8
Concen: 55.581 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085899.D
Acq: 06 Mar 2025 15:30

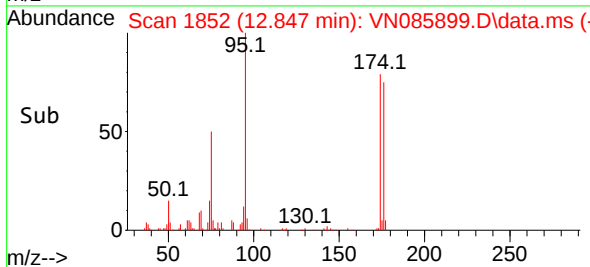
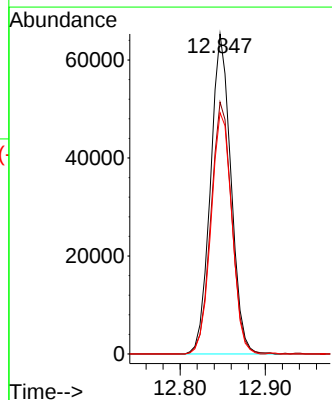
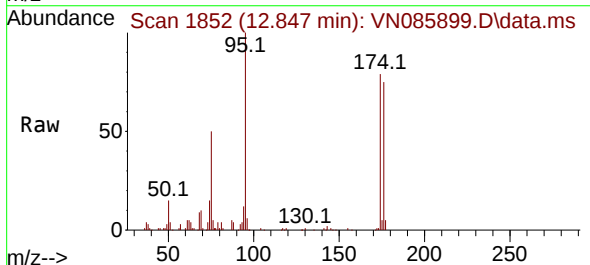
Instrument :
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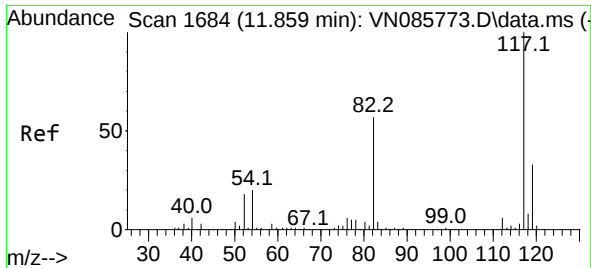
Tgt Ion: 98 Resp: 352300
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.185 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085899.D
Acq: 06 Mar 2025 15:30

Tgt Ion: 95 Resp: 108983
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.4
176 76.6 0.0 146.6

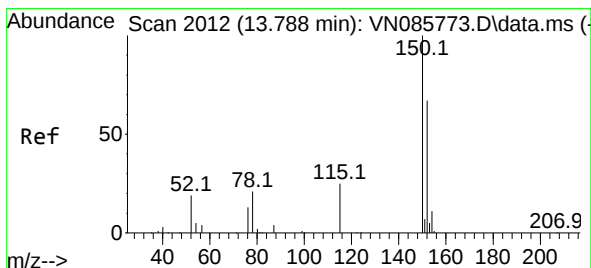
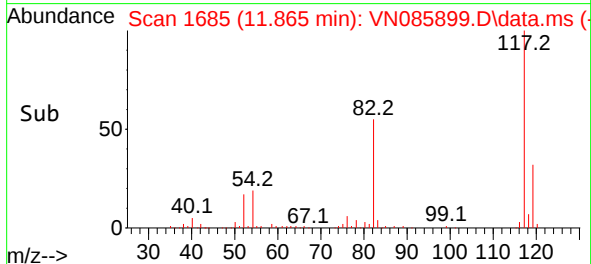
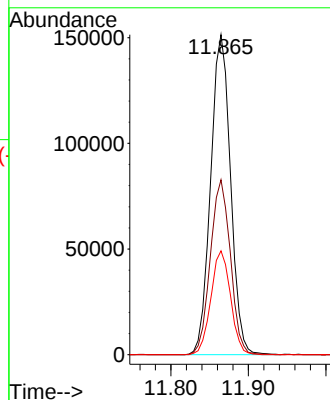
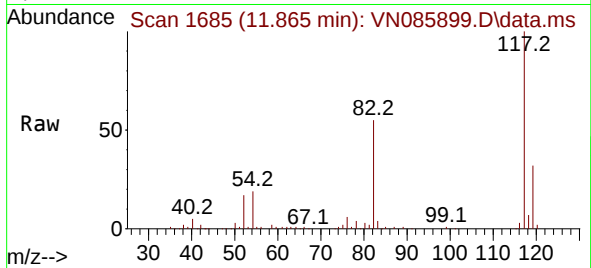




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085899.D
Acq: 06 Mar 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#01

Tgt Ion:117 Resp: 269996
Ion Ratio Lower Upper
117 100
82 54.7 45.7 68.5
119 32.5 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: VN085899.D
Acq: 06 Mar 2025 15:30

Tgt Ion:152 Resp: 97889
Ion Ratio Lower Upper
152 100
115 61.4 30.4 91.3
150 159.7 0.0 345.4

