

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085934.D
 Acq On : 11 Mar 2025 16:16
 Operator : JC\MD
 Sample : Q1514-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB03062025

Quant Time: Mar 12 01:23:43 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)

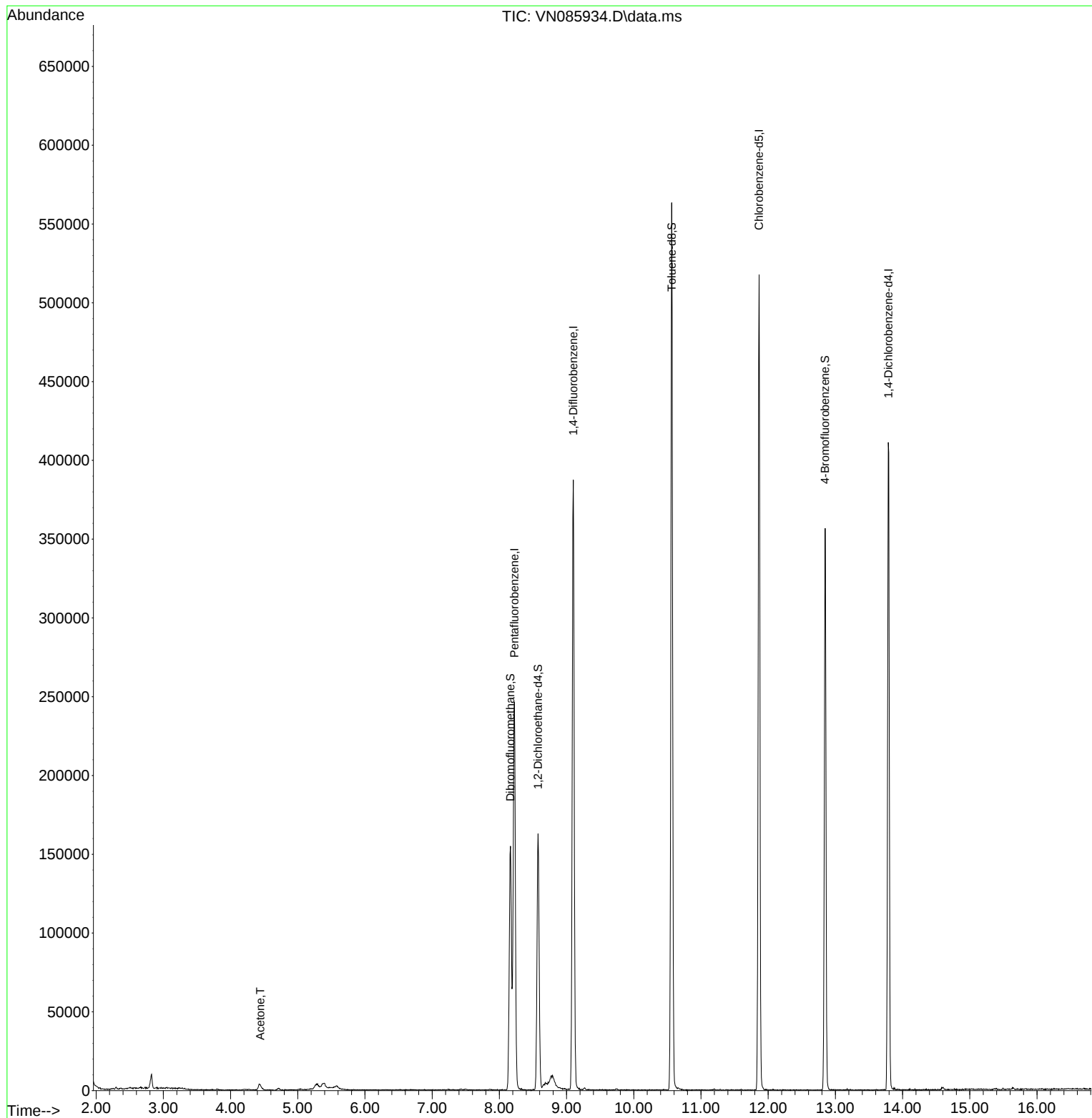
Internal Standards						
1) Pentafluorobenzene	8.224	168	176702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134504	58.713	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.420%
35) Dibromofluoromethane	8.165	113	112664	51.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.400%
50) Toluene-d8	10.565	98	387134	48.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.847	95	125306	47.507	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.020%
Target Compounds						
16) Acetone	4.442	43	7216	9.955	ug/l	95

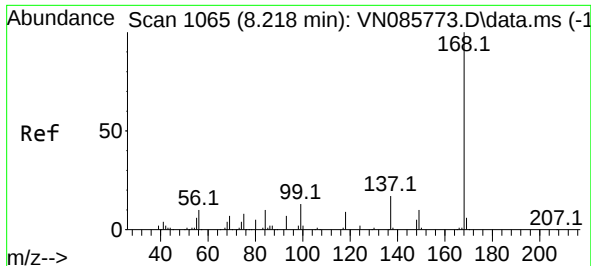
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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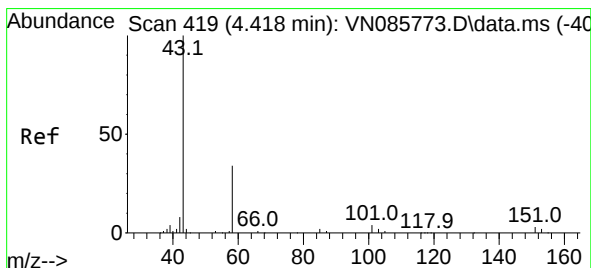
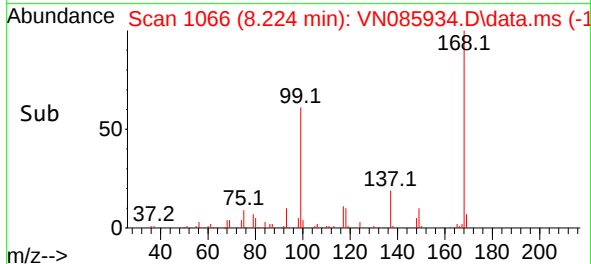
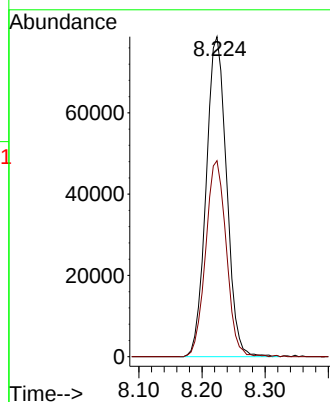
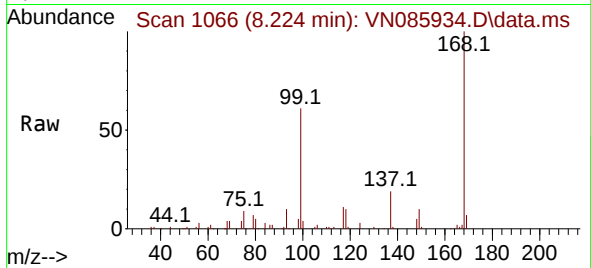




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085934.D
Acq: 11 Mar 2025 16:16

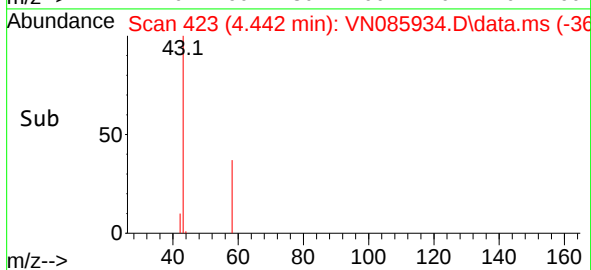
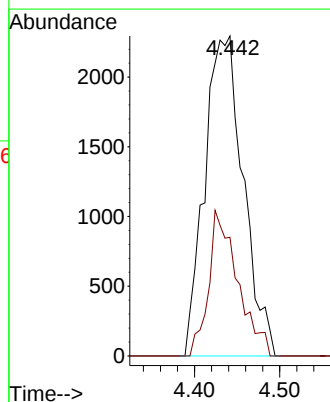
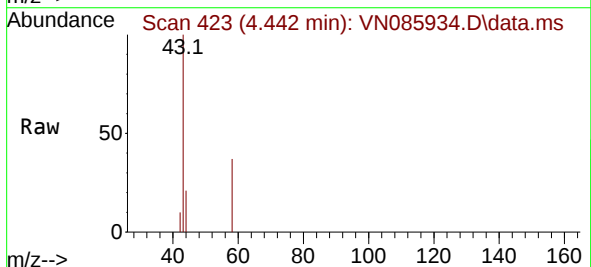
Instrument :
MSVOA_N
ClientSampleId :
FB03062025

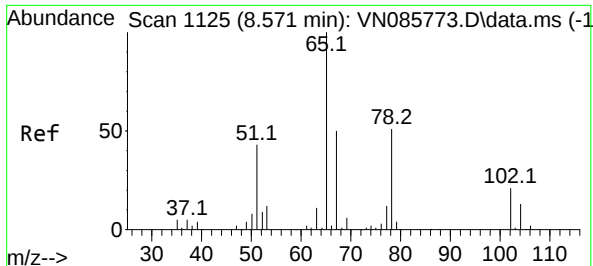
Tgt Ion:168 Resp: 176702
Ion Ratio Lower Upper
168 100
99 61.2 47.9 71.9



#16
Acetone
Concen: 9.955 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085934.D
Acq: 11 Mar 2025 16:16

Tgt Ion: 43 Resp: 7216
Ion Ratio Lower Upper
43 100
58 37.1 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 58.713 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085934.D

Acq: 11 Mar 2025 16:16

Instrument :

MSVOA_N

ClientSampleId :

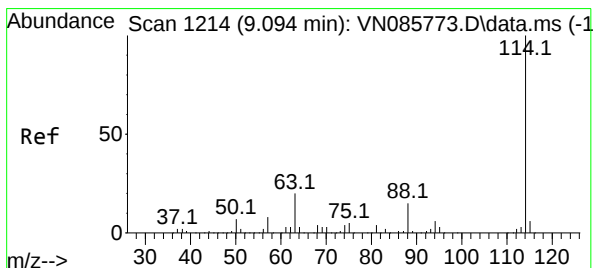
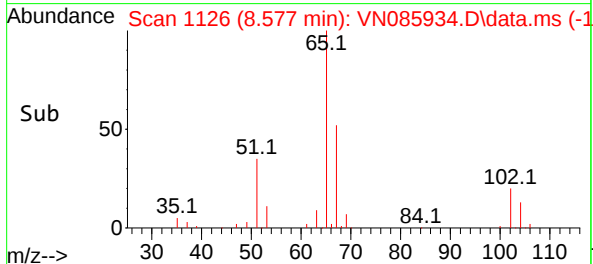
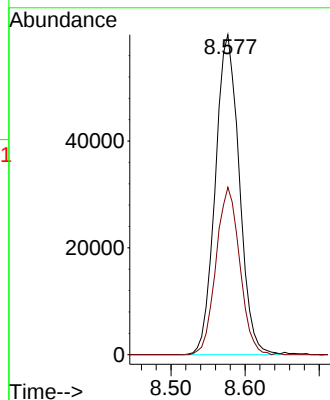
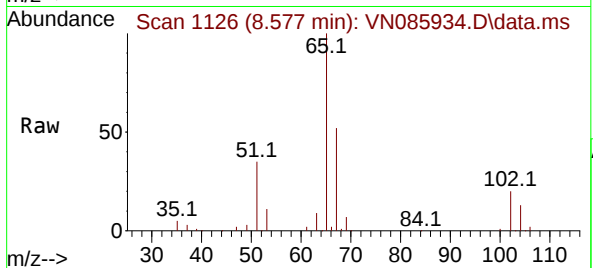
FB03062025

Tgt Ion: 65 Resp: 134504

Ion Ratio Lower Upper

65 100

67 51.9 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: VN085934.D

Acq: 11 Mar 2025 16:16

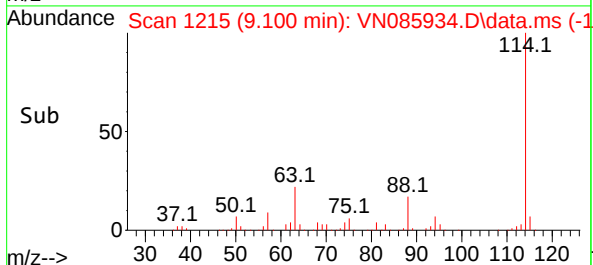
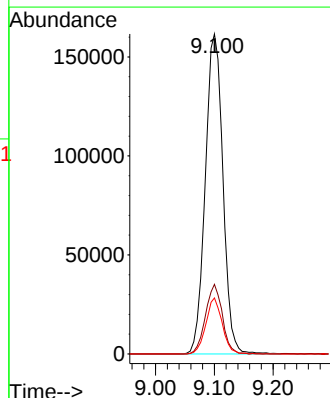
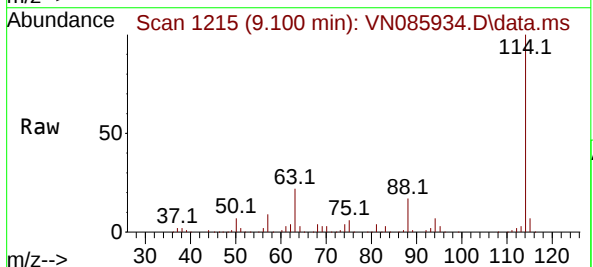
Tgt Ion: 114 Resp: 336260

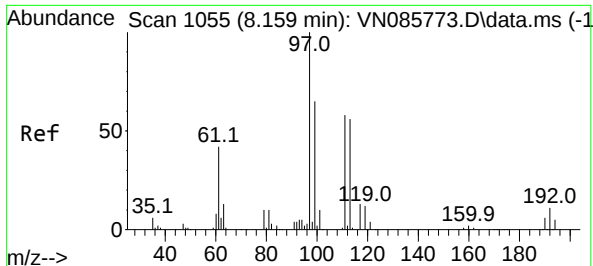
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.2

88 17.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.203 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085934.D

Acq: 11 Mar 2025 16:16

Instrument :

MSVOA_N

ClientSampleId :

FB03062025

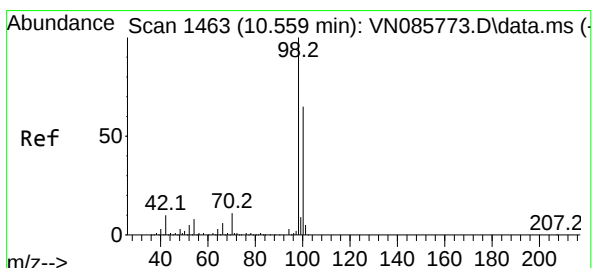
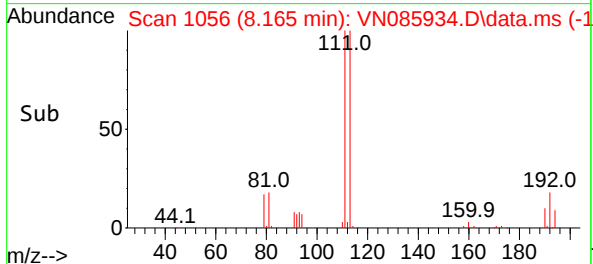
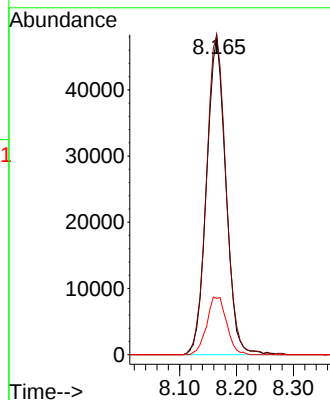
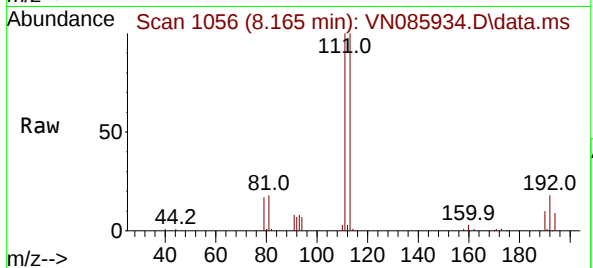
Tgt Ion:113 Resp: 112664

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.7 14.7 22.1



#50

Toluene-d8

Concen: 48.359 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085934.D

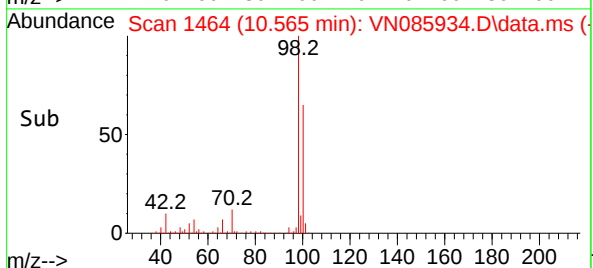
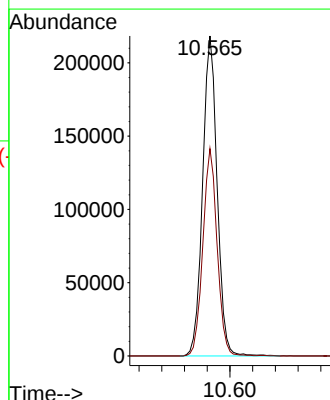
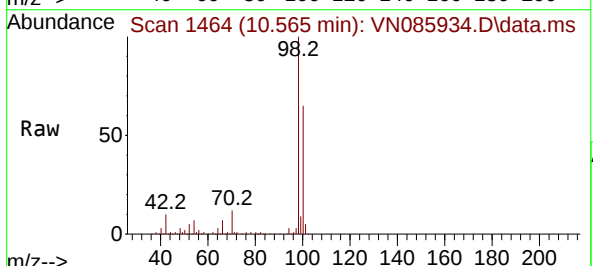
Acq: 11 Mar 2025 16:16

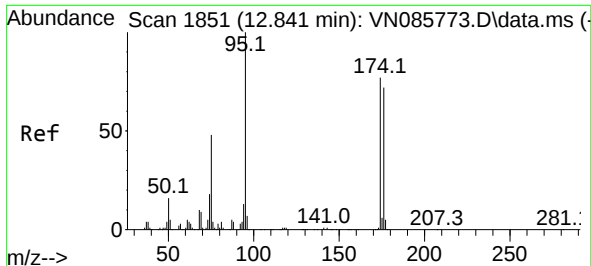
Tgt Ion: 98 Resp: 387134

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1

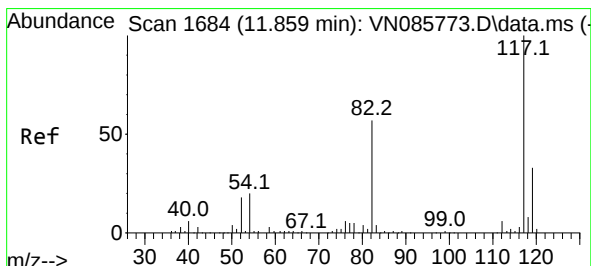
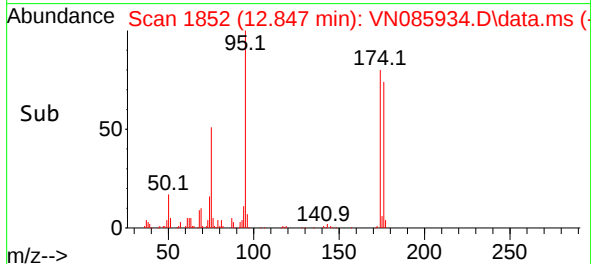
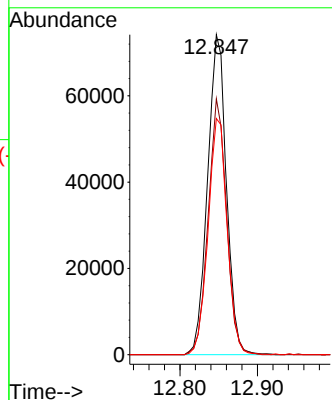
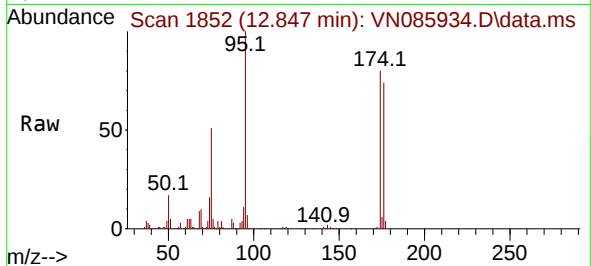




#62
4-Bromofluorobenzene
Concen: 47.507 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085934.D
Acq: 11 Mar 2025 16:16

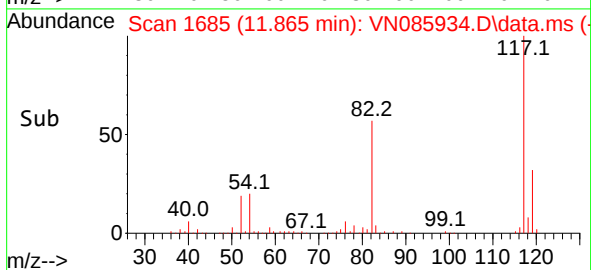
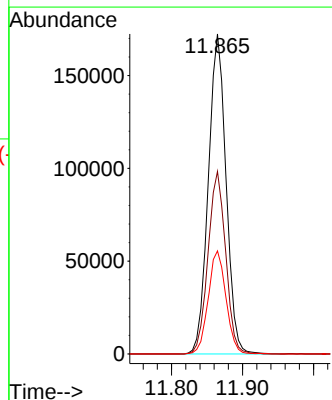
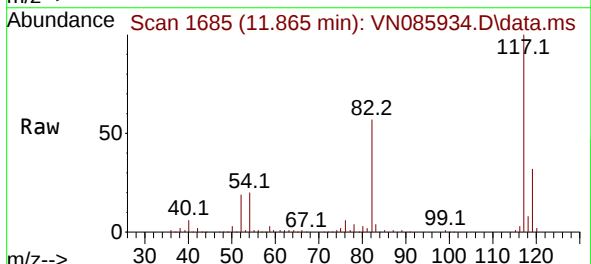
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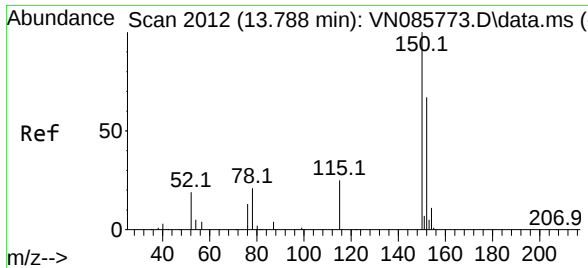
Tgt Ion: 95 Resp: 125306
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 74.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085934.D
Acq: 11 Mar 2025 16:16

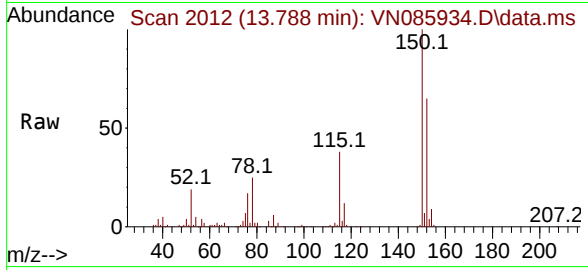
Tgt Ion: 117 Resp: 299219
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.2 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085934.D
 Acq: 11 Mar 2025 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 FB03062025



Tgt Ion:	152	Resp:	119405
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.4	91.3
150	157.6	0.0	345.4

