

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085871.D
 Acq On : 26 Feb 2025 15:08
 Operator : JC\MD
 Sample : Q1421-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF02-01

Quant Time: Feb 26 23:02:35 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)

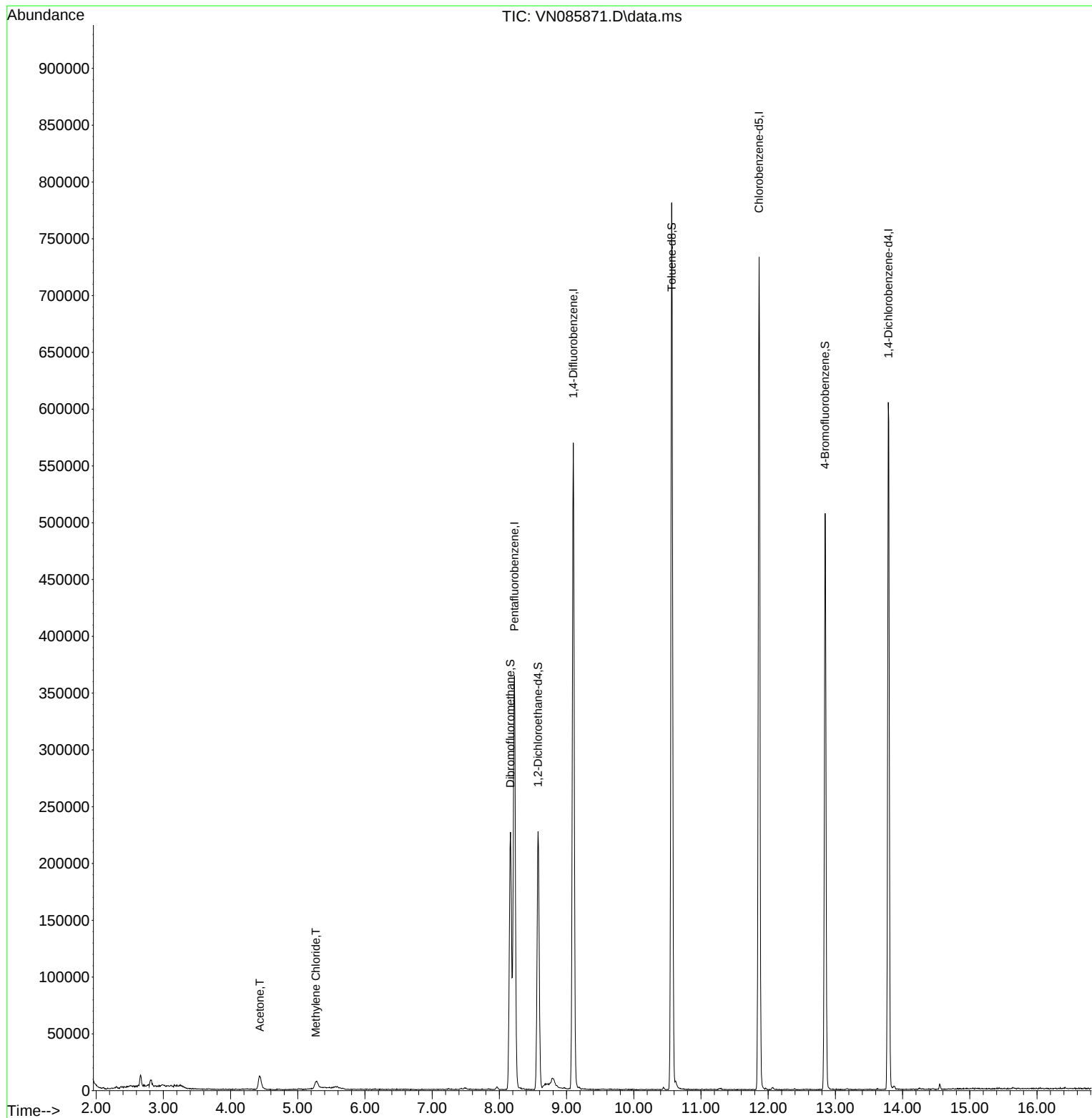
Internal Standards						
1) Pentafluorobenzene	8.224	168	269829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	498271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	443623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	184049	52.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.220%
35) Dibromofluoromethane	8.165	113	168175	51.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.565	98	552142	46.545	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.847	95	180855	46.273	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.540%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	23745	21.452	ug/l	100
20) Methylene Chloride	5.271	84	6218	1.747	ug/l #	84

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

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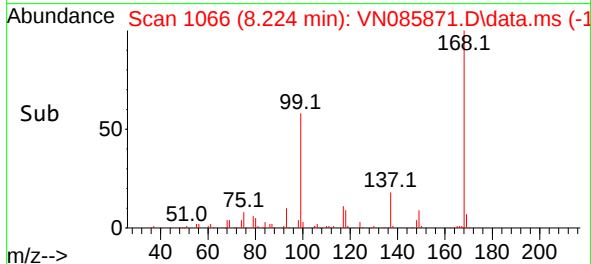
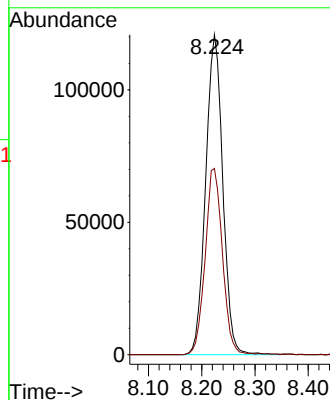
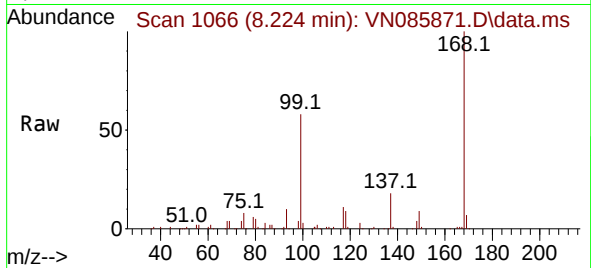




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085871.D
Acq: 26 Feb 2025 15:08

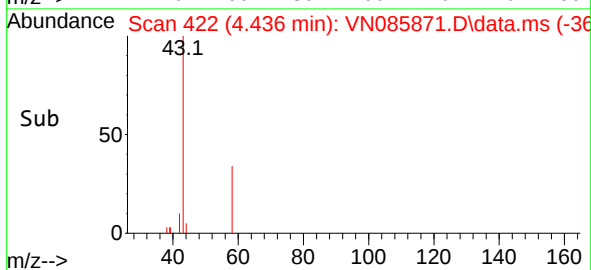
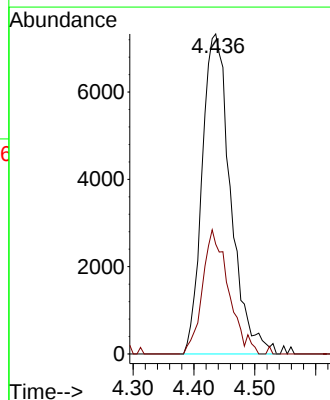
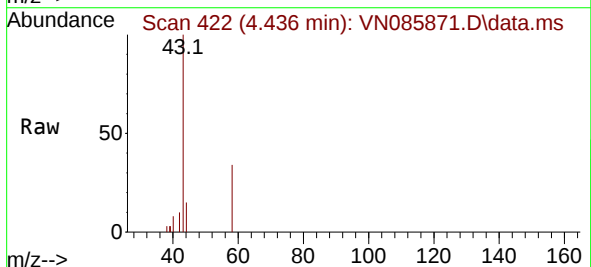
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF02-01

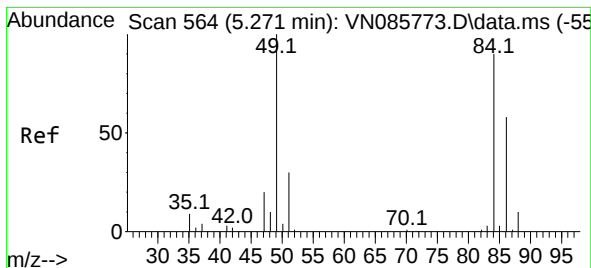
Tgt Ion:168 Resp: 269829
Ion Ratio Lower Upper
168 100
99 58.2 47.9 71.9



#16
Acetone
Concen: 21.452 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085871.D
Acq: 26 Feb 2025 15:08

Tgt Ion: 43 Resp: 23745
Ion Ratio Lower Upper
43 100
58 34.3 27.5 41.3





#20

Methylene Chloride

Concen: 1.747 ug/l

RT: 5.271 min Scan# 5

Delta R.T. 0.000 min

Lab File: VN085871.D

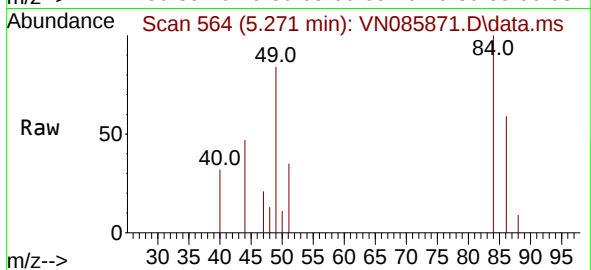
Acq: 26 Feb 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF02-01



Tgt Ion: 84 Resp: 6218

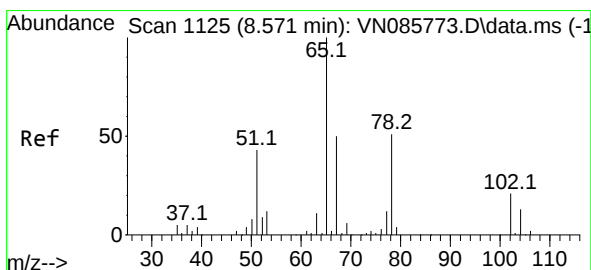
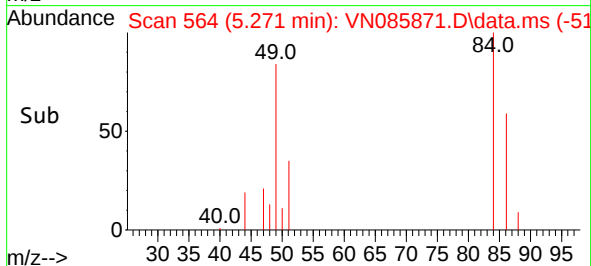
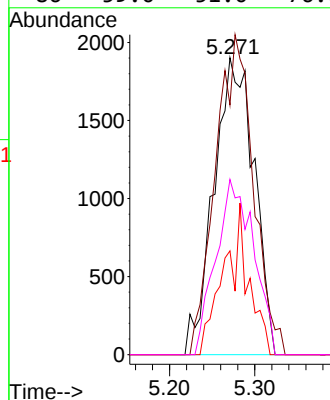
Ion Ratio Lower Upper

84 100

49 84.1 88.4 132.6#

51 35.0 26.6 40.0

86 59.0 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 52.612 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085871.D

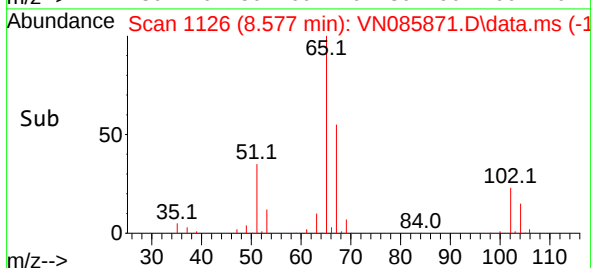
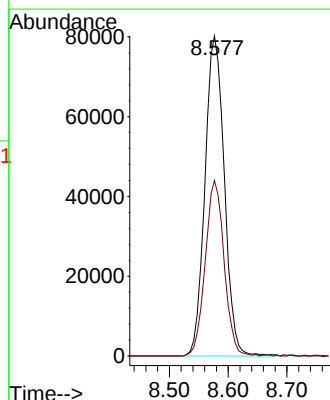
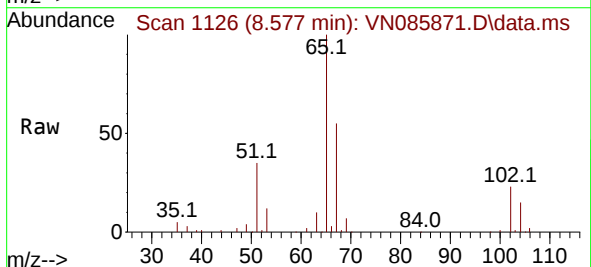
Acq: 26 Feb 2025 15:08

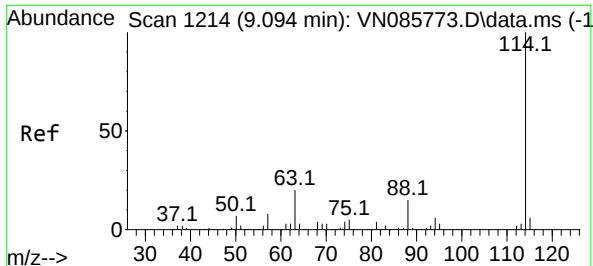
Tgt Ion: 65 Resp: 184049

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085871.D

Acq: 26 Feb 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF02-01

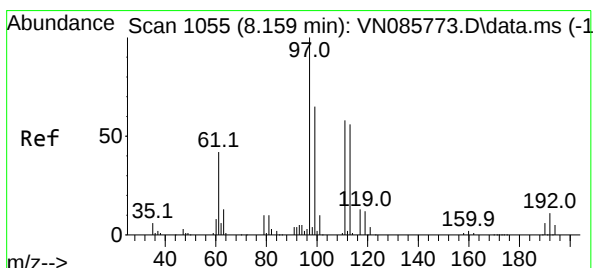
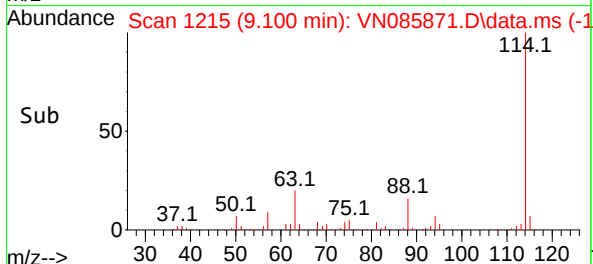
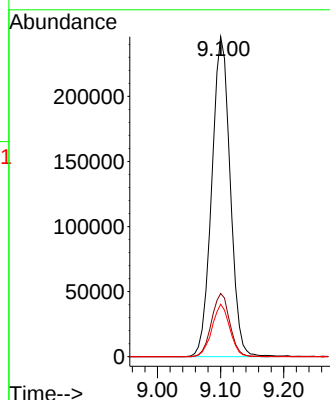
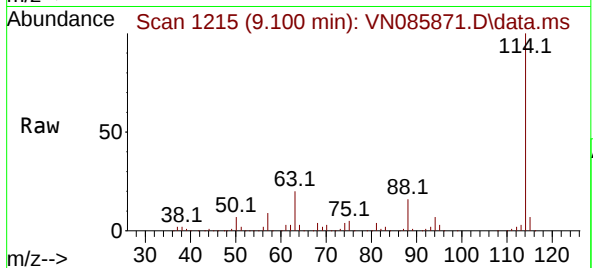
Tgt Ion:114 Resp: 498271

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 16.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.580 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085871.D

Acq: 26 Feb 2025 15:08

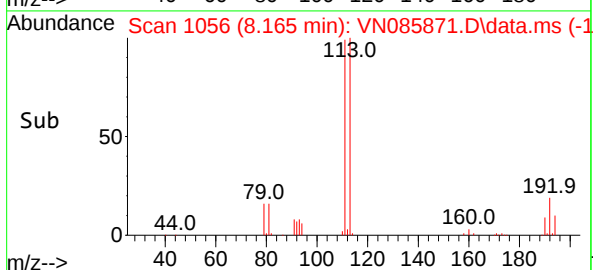
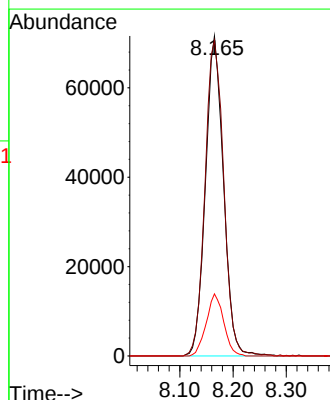
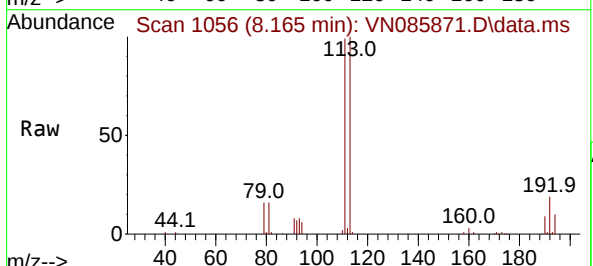
Tgt Ion:113 Resp: 168175

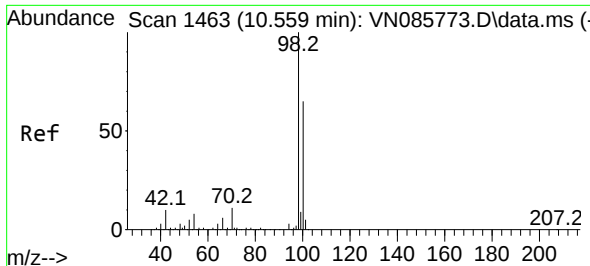
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 18.8 14.7 22.1

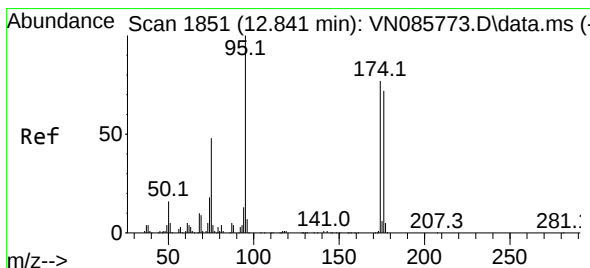
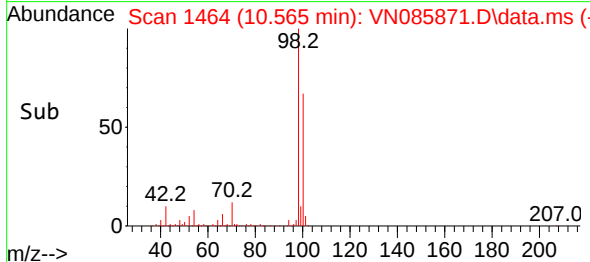
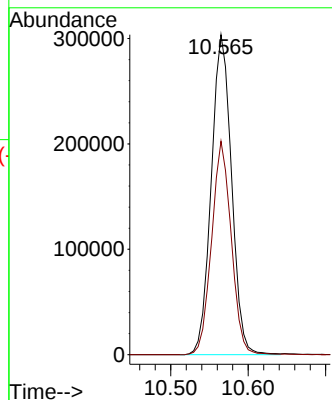
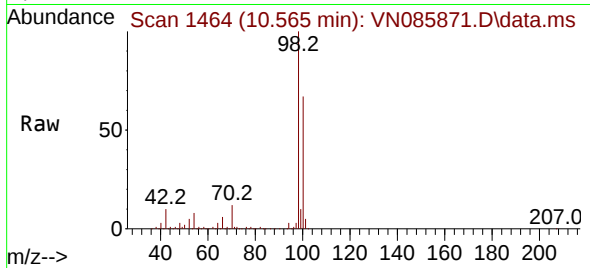




#50
Toluene-d8
Concen: 46.545 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085871.D
Acq: 26 Feb 2025 15:08

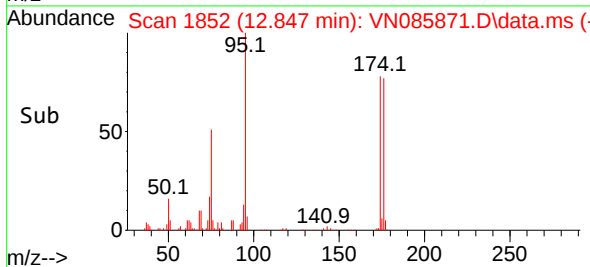
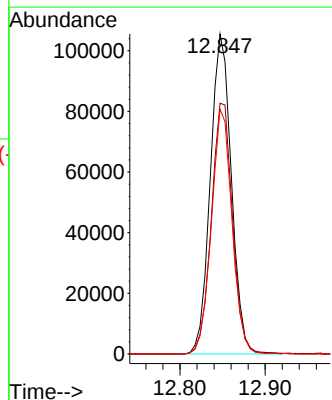
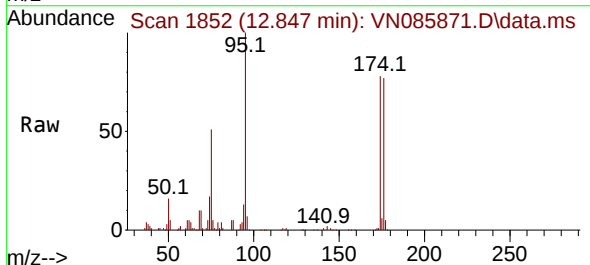
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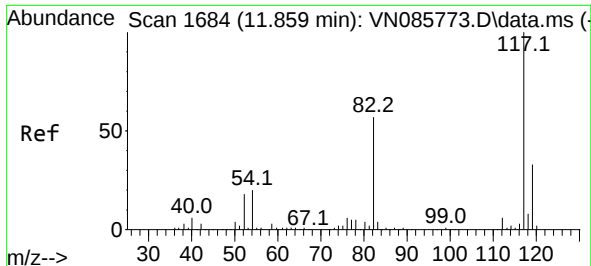
Tgt Ion: 98 Resp: 552142
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.273 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085871.D
Acq: 26 Feb 2025 15:08

Tgt Ion: 95 Resp: 180855
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.4
176 75.1 0.0 146.6

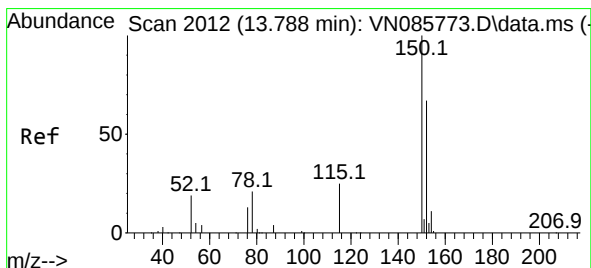
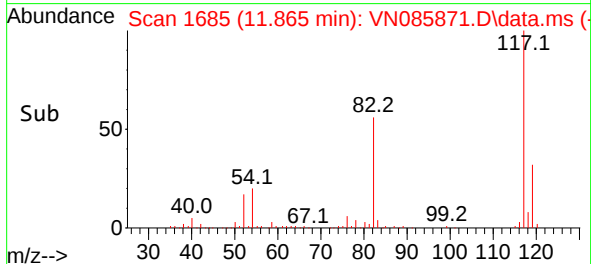
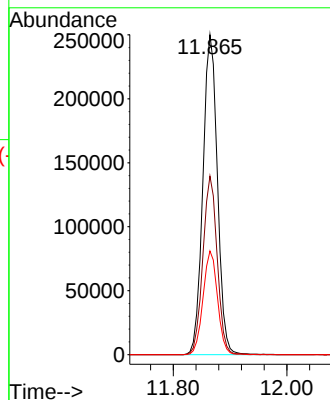
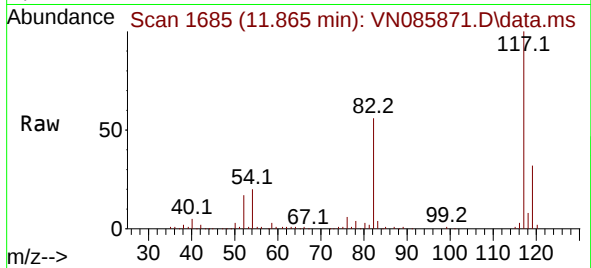




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085871.D
Acq: 26 Feb 2025 15:08

Instrument :
MSVOA_N
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P001-CLAY-CF02-01

Tgt Ion:117 Resp: 443623
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 32.4 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: VN085871.D
Acq: 26 Feb 2025 15:08

Tgt Ion:152 Resp: 172512
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 160.5 0.0 345.4

