

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085870.D
 Acq On : 26 Feb 2025 14:44
 Operator : JC\MD
 Sample : Q1421-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-02

Quant Time: Feb 26 23:01:17 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)

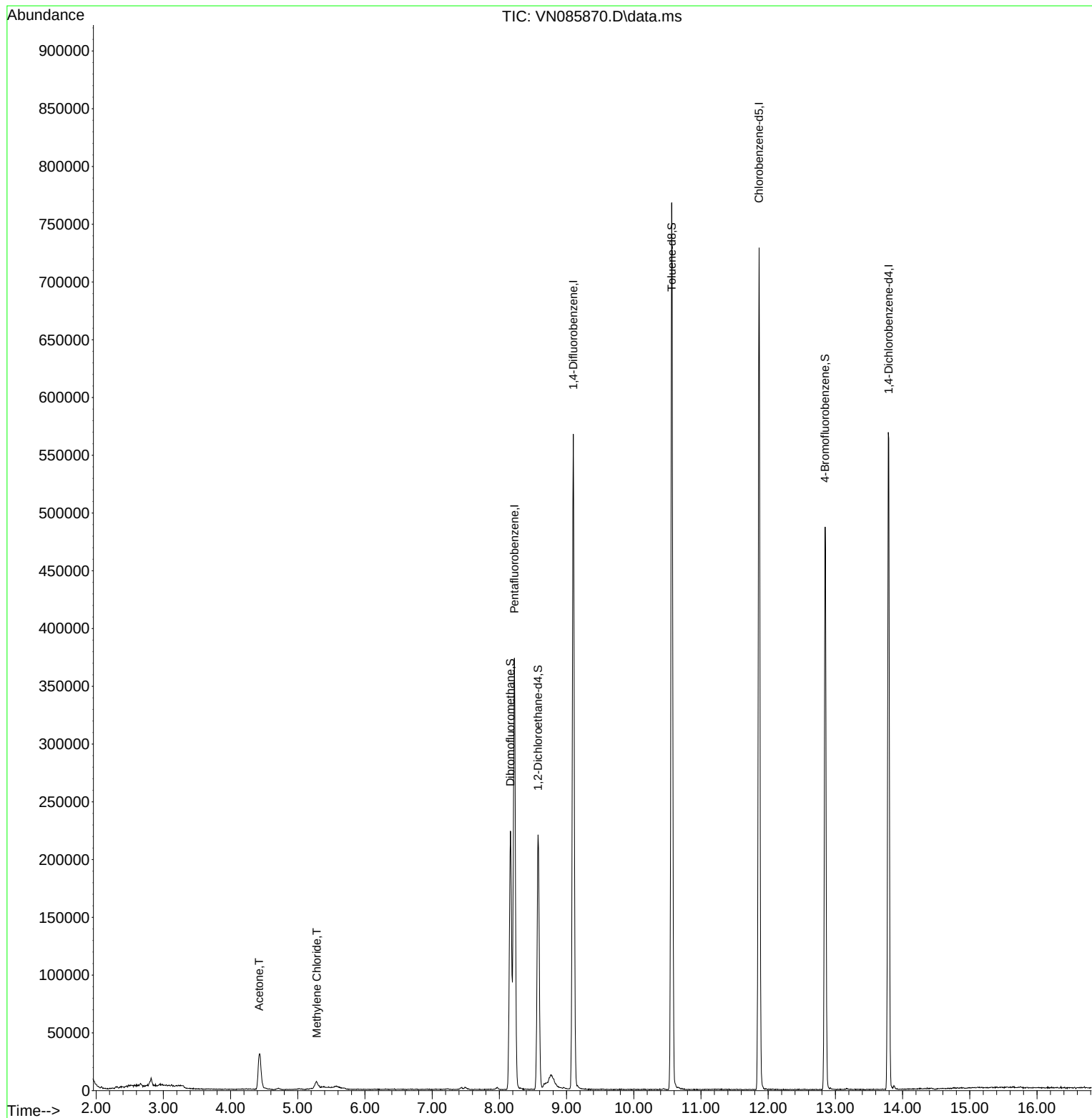
Internal Standards						
1) Pentafluorobenzene	8.224	168	265447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	493237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182372	52.993	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.980%
35) Dibromofluoromethane	8.165	113	164089	50.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	10.565	98	545554	46.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.847	95	174199	45.025	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.040%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	60079	55.173	ug/l	100
20) Methylene Chloride	5.283	84	4924	1.406	ug/l	94

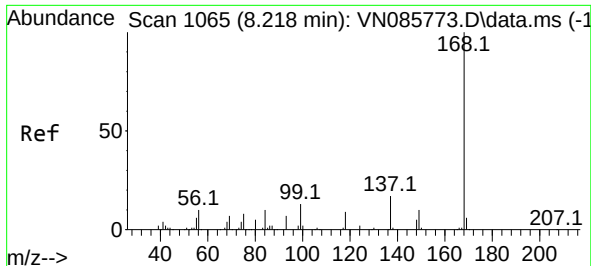
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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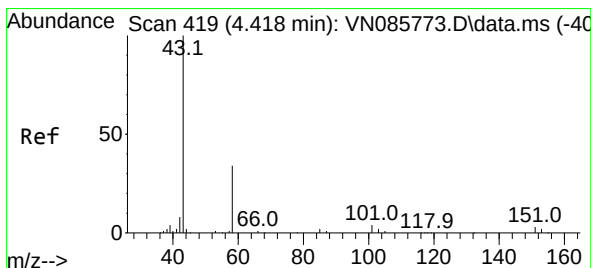
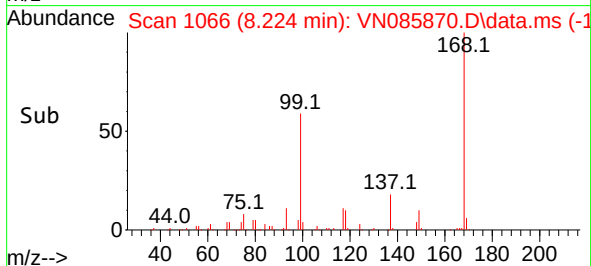
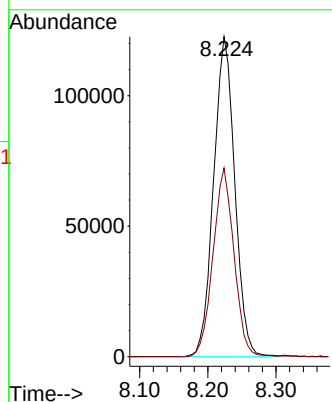
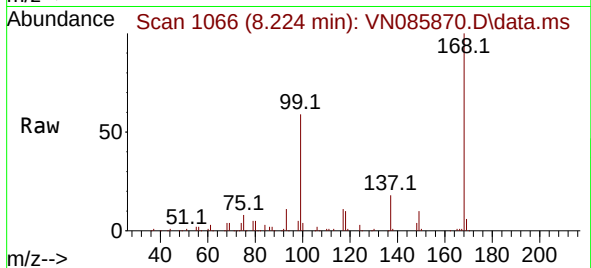




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

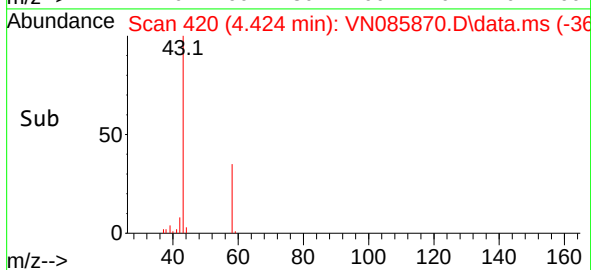
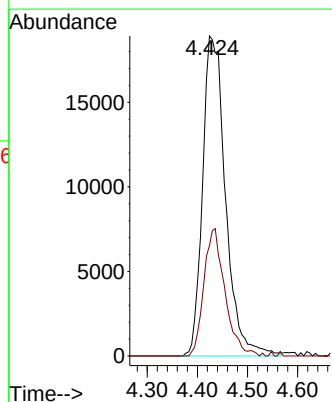
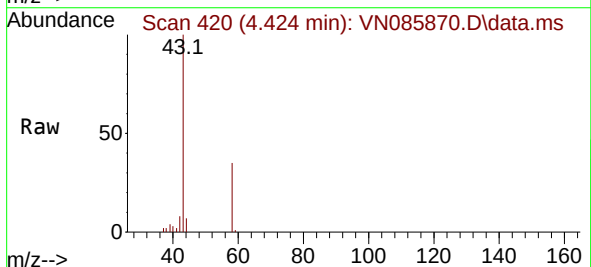
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-02

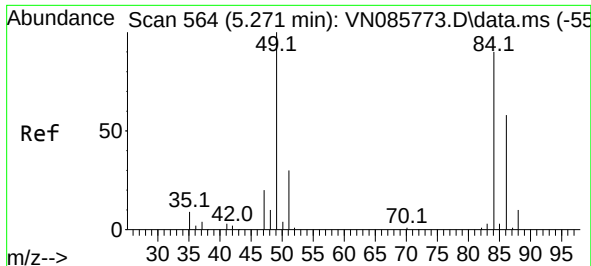
Tgt Ion:168 Resp: 265447
Ion Ratio Lower Upper
168 100
99 59.0 47.9 71.9



#16
Acetone
Concen: 55.173 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

Tgt Ion: 43 Resp: 60079
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3

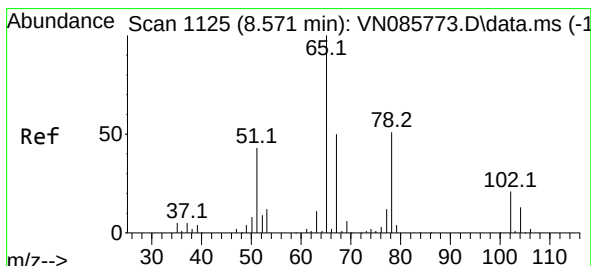
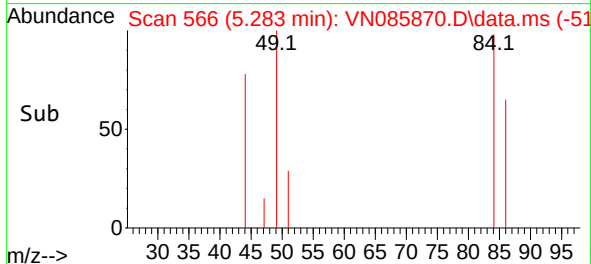
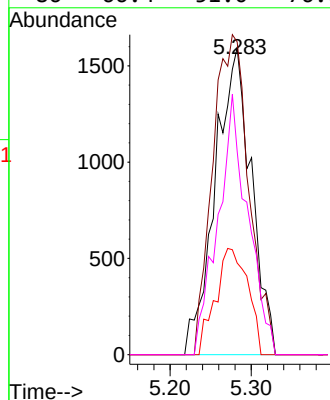
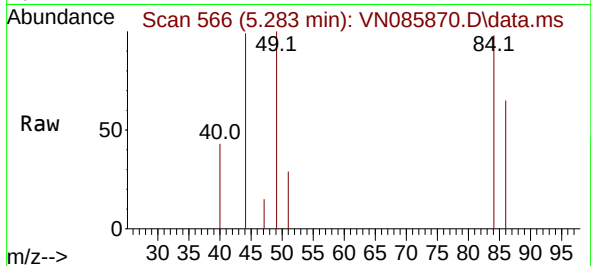




#20
Methylene Chloride
Concen: 1.406 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

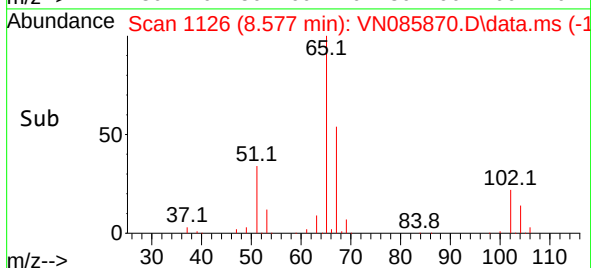
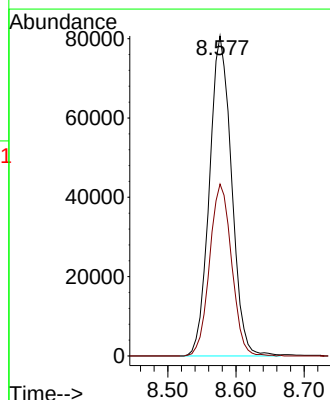
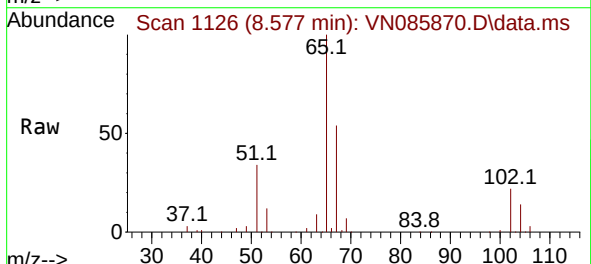
Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-02

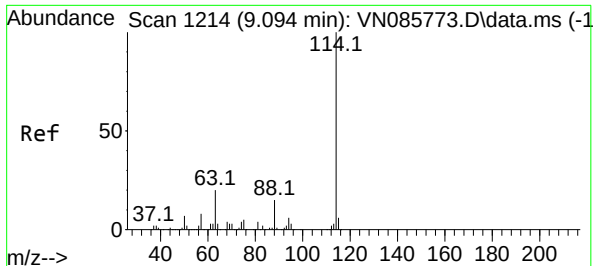
Tgt Ion: 84	Resp: 4924
Ion Ratio	Lower Upper
84 100	
49 102.0	88.4 132.6
51 29.9	26.6 40.0
86 66.4	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.993 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

Tgt Ion: 65	Resp: 182372
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: VN085870.D

Acq: 26 Feb 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

P001-CLAY-CF01-02

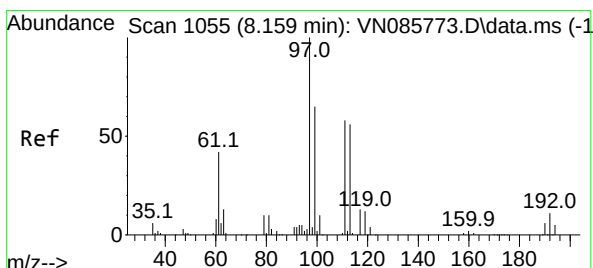
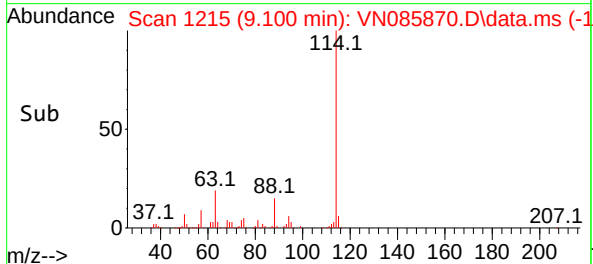
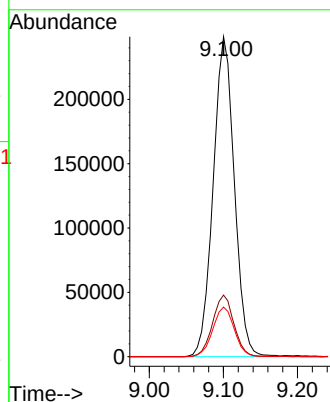
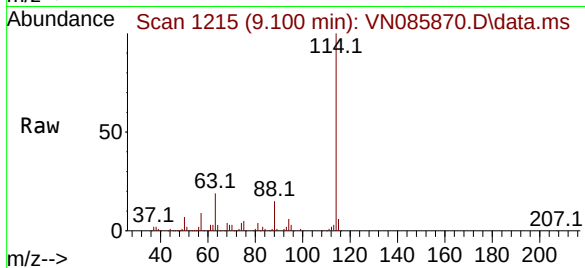
Tgt Ion:114 Resp: 493237

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085870.D

Acq: 26 Feb 2025 14:44

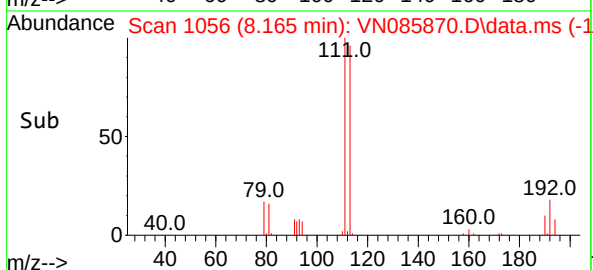
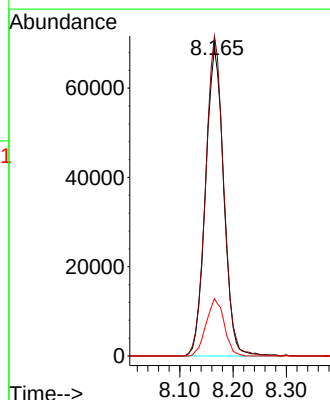
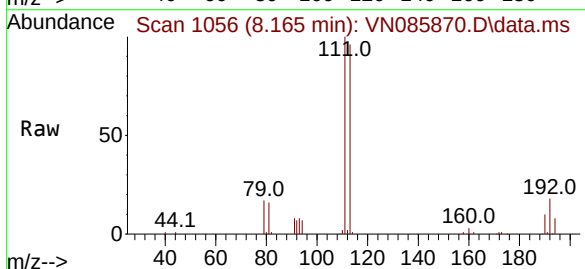
Tgt Ion:113 Resp: 164089

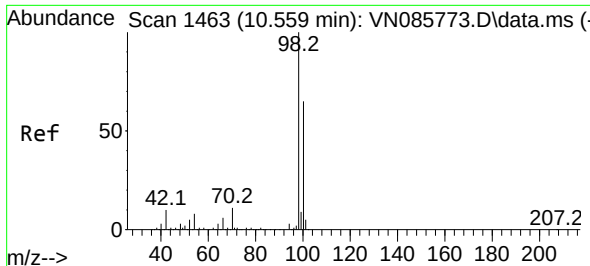
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.4 14.7 22.1

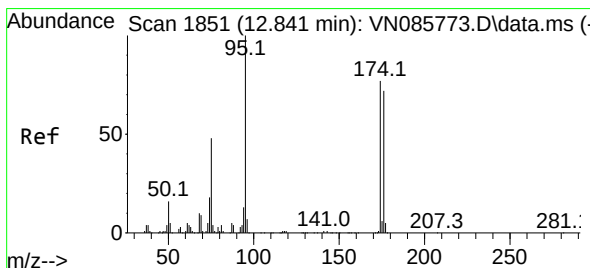
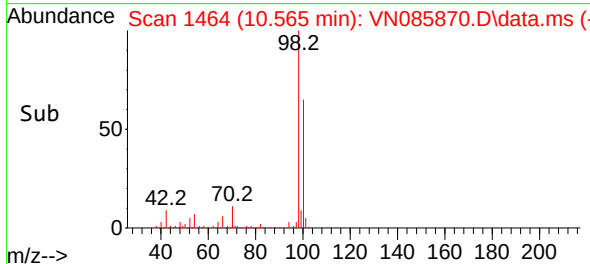
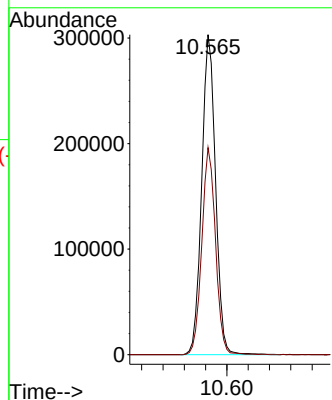
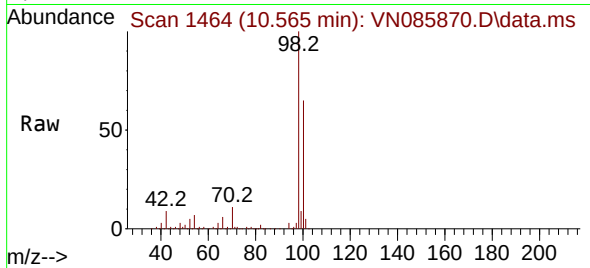




#50
Toluene-d8
Concen: 46.459 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

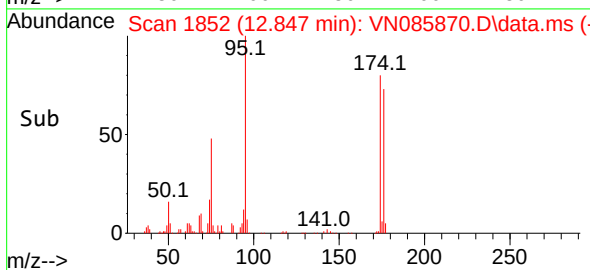
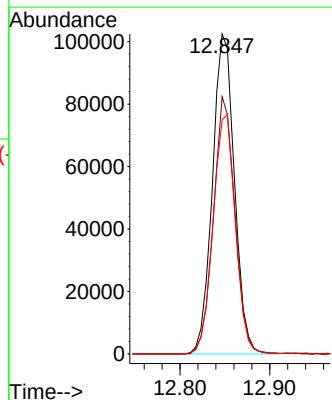
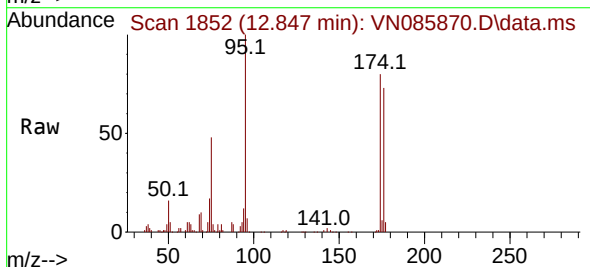
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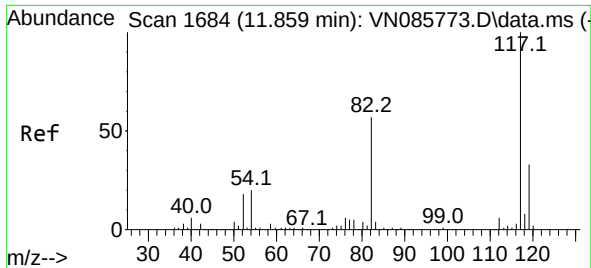
Tgt Ion: 98 Resp: 545554
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

Tgt Ion: 95 Resp: 174199
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.4
176 75.8 0.0 146.6

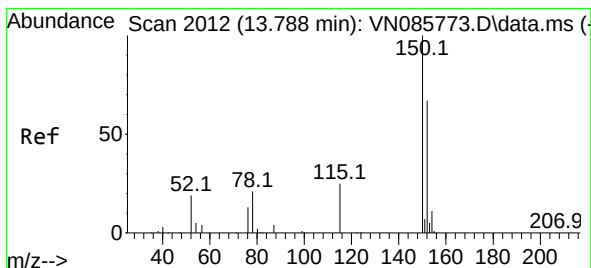
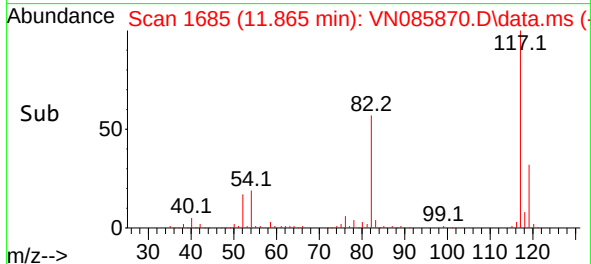
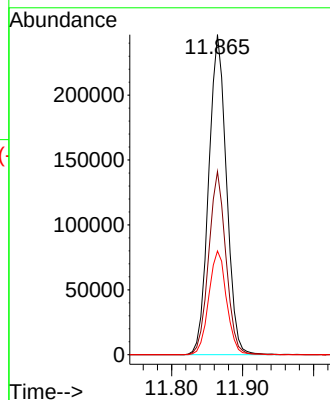
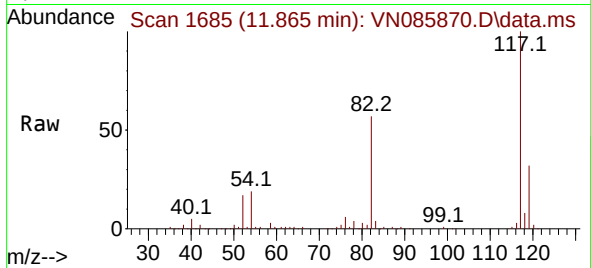




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-02

Tgt Ion:117 Resp: 428131
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085870.D
Acq: 26 Feb 2025 14:44

Tgt Ion:152 Resp: 165447
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 161.3 0.0 345.4

