

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085094.D
 Acq On : 04 Dec 2024 15:13
 Operator : JC\MD
 Sample : P5069-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A3988-SLUDGE

Quant Time: Dec 04 22:07:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

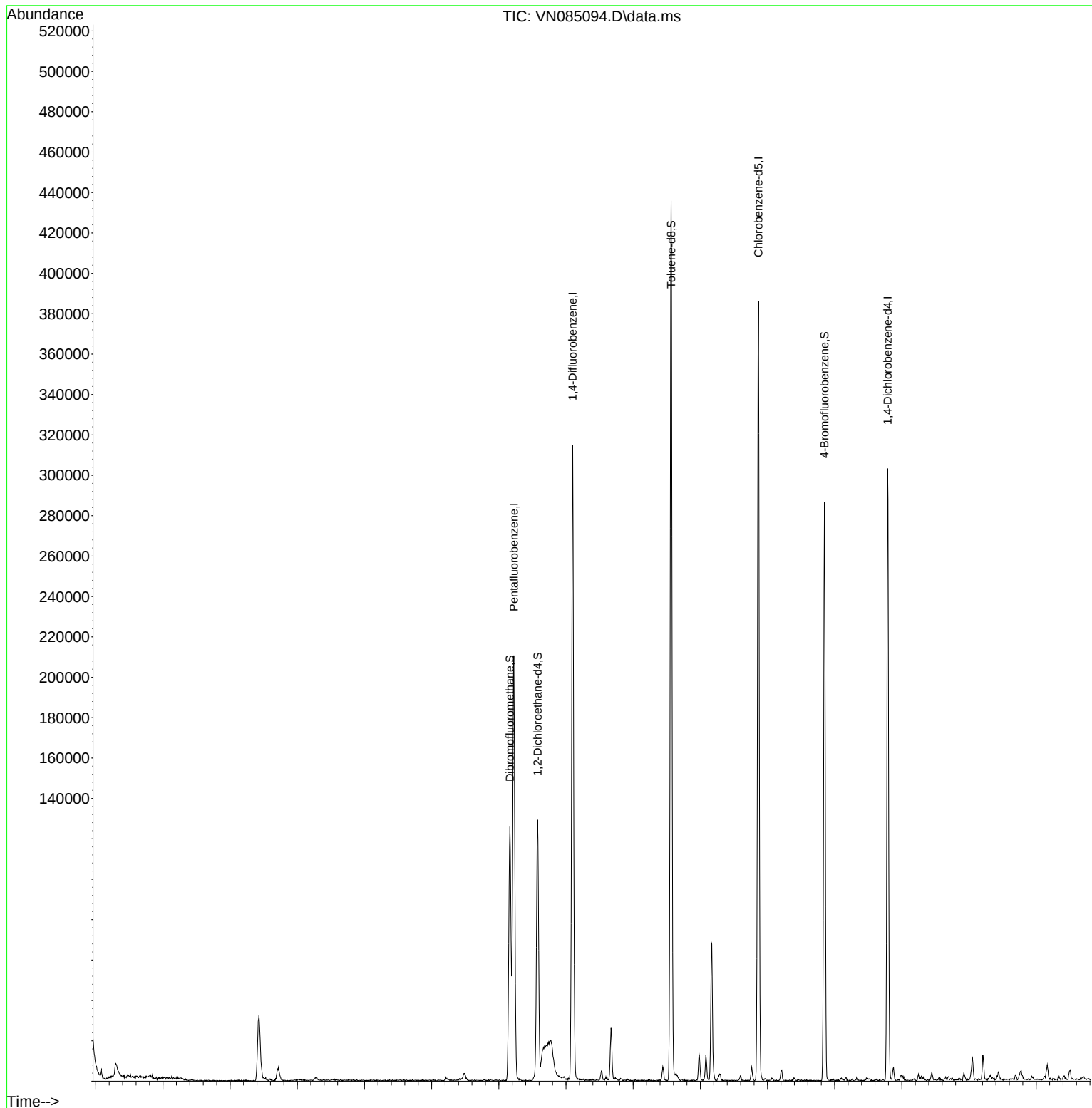
Internal Standards						
1) Pentafluorobenzene	8.224	168	147528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108466	51.615	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	103.240%	
35) Dibromofluoromethane	8.165	113	90794	49.850	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.700%	
50) Toluene-d8	10.565	98	301818	46.240	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.480%	
62) 4-Bromofluorobenzene	12.847	95	100233	41.063	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	82.120%	
Target Compounds						
16) Acetone	4.430	43	60147	98.277	ug/l	97
25) 2-Butanone	7.483	43	7166	7.162	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	4738	2.227	ug/l	89

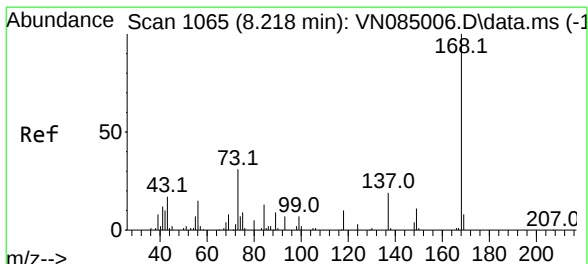
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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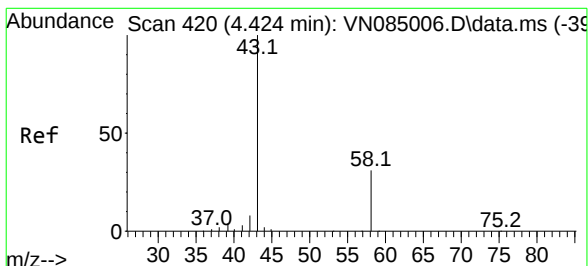
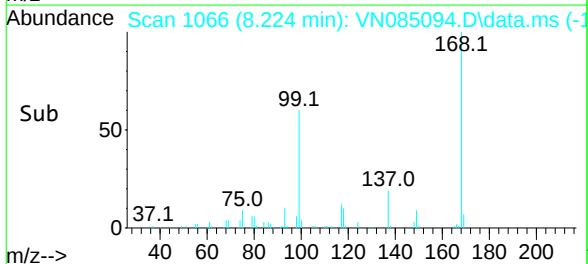
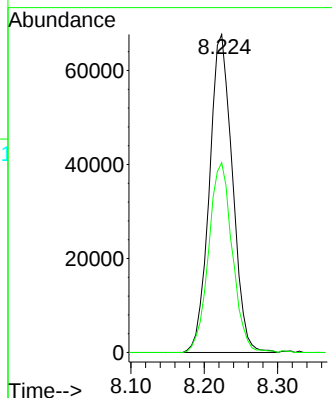
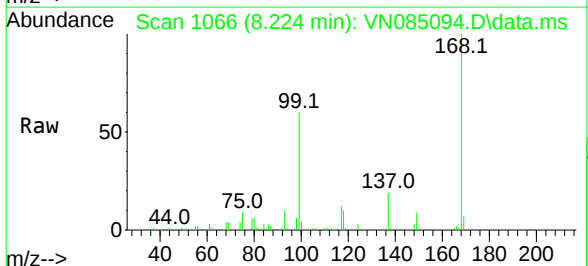




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

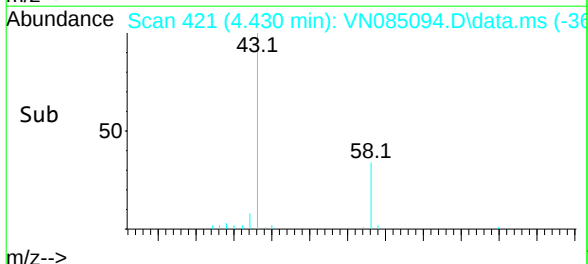
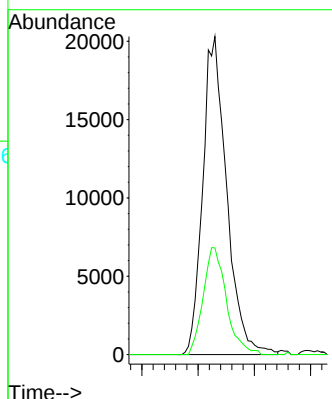
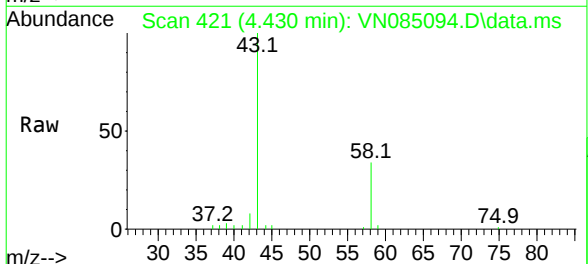
Instrument :
MSVOA_N
ClientSampleId :
A3988-SLUDGE

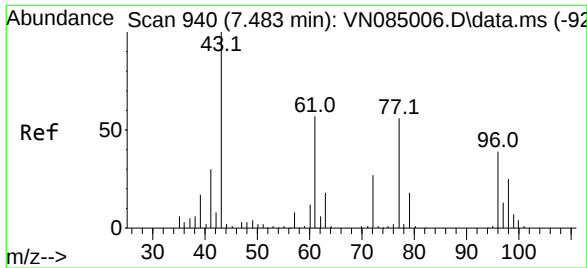
Tgt Ion:168 Resp: 147528
Ion Ratio Lower Upper
168 100
99 59.7 51.2 76.8



#16
Acetone
Concen: 98.277 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

Tgt Ion: 43 Resp: 60147
Ion Ratio Lower Upper
43 100
58 33.6 25.4 38.2

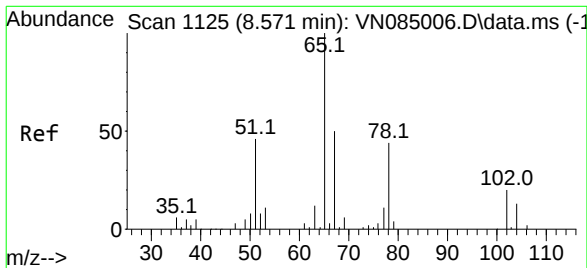
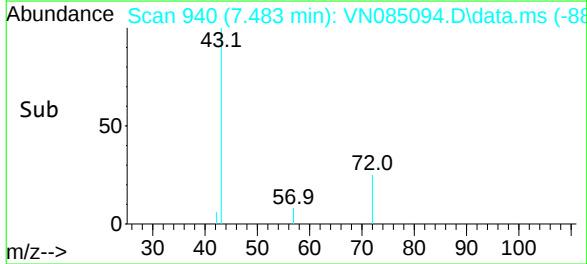
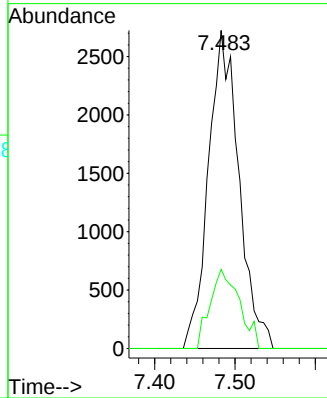
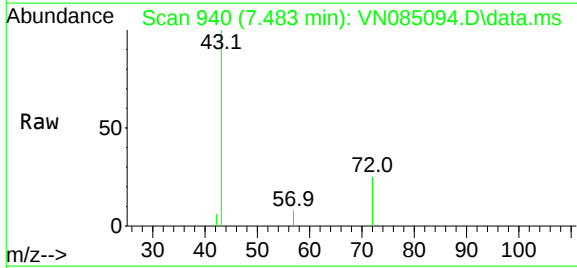




#25
2-Butanone
Concen: 7.162 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

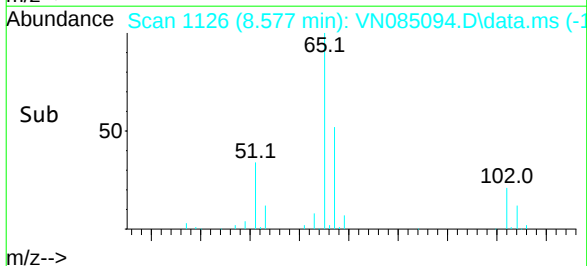
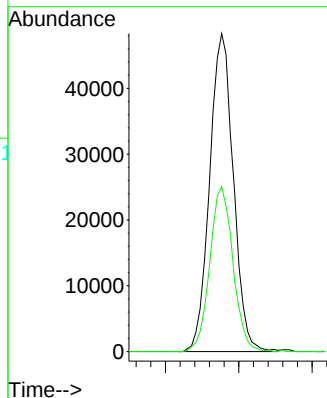
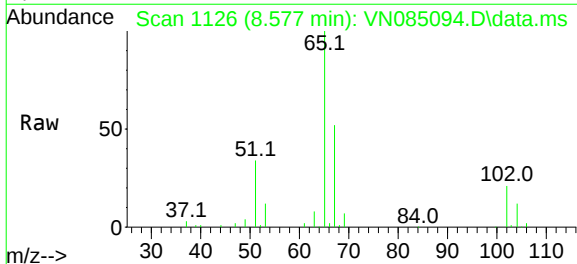
Instrument :
MSVOA_N
ClientSampleId :
A3988-SLUDGE

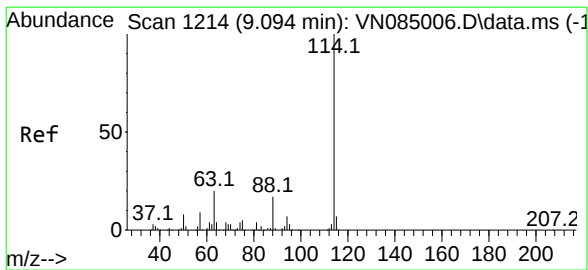
Tgt Ion: 43 Resp: 7166
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.0



#33
1,2-Dichloroethane-d4
Concen: 51.615 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

Tgt Ion: 65 Resp: 108466
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0

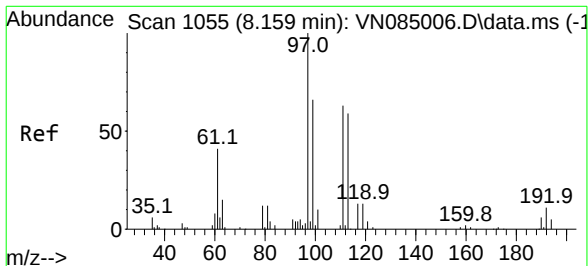
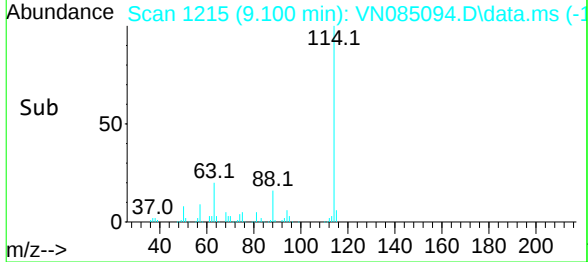
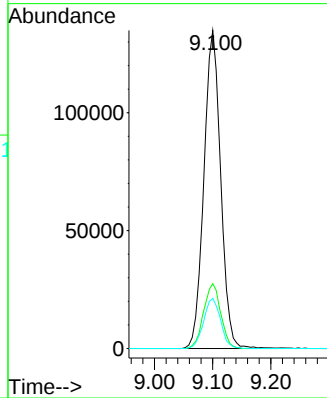
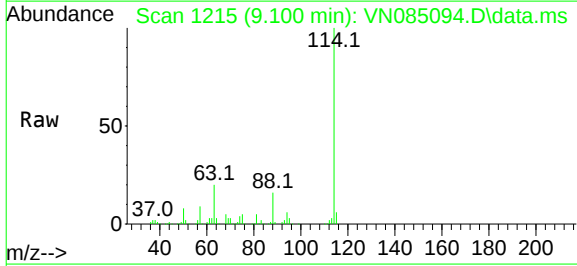




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

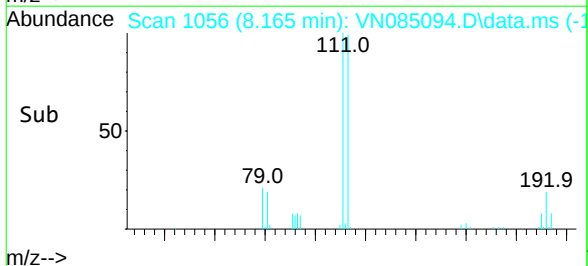
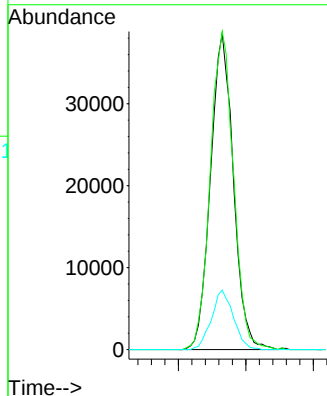
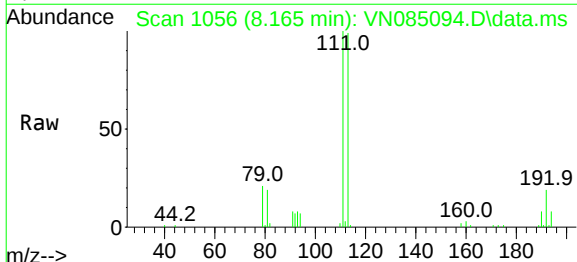
Instrument :
MSVOA_N
ClientSampleId :
A3988-SLUDGE

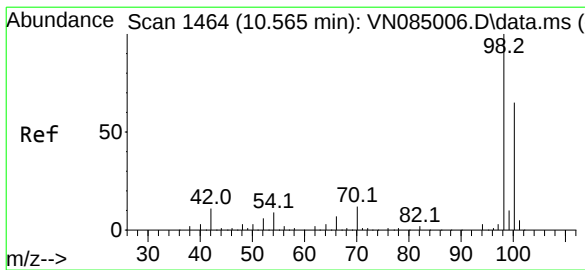
Tgt Ion:	114	Resp:	270080
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.0
88	15.8	0.0	34.8



#35
Dibromofluoromethane
Concen: 49.850 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

Tgt Ion:	113	Resp:	90794
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	18.0	14.8	22.2





#50

Toluene-d8

Concen: 46.240 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085094.D

Acq: 04 Dec 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

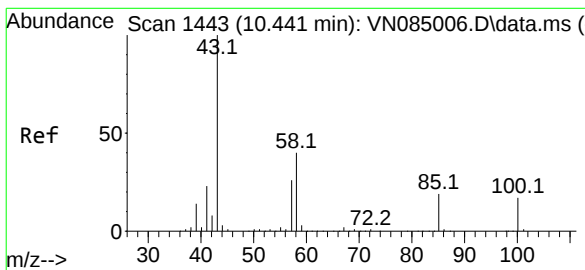
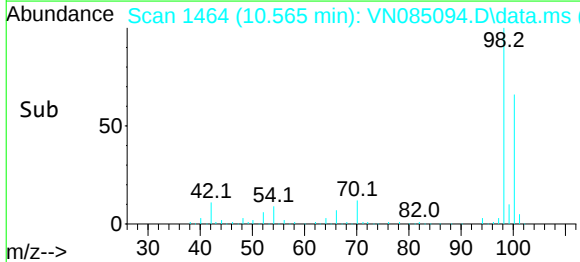
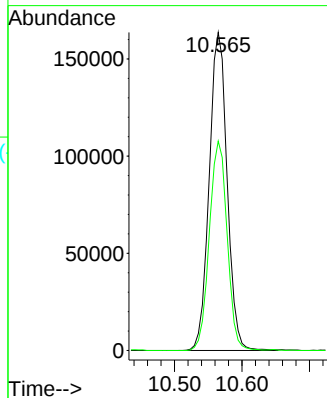
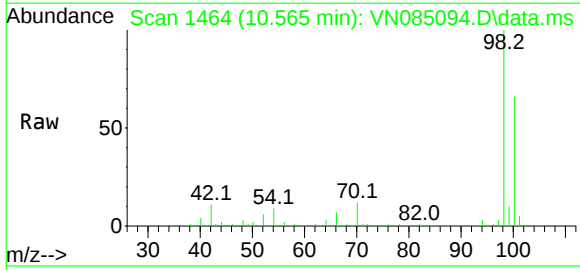
A3988-SLUDGE

Tgt Ion: 98 Resp: 301818

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 2.227 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN085094.D

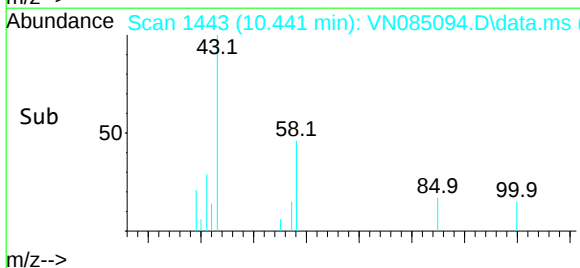
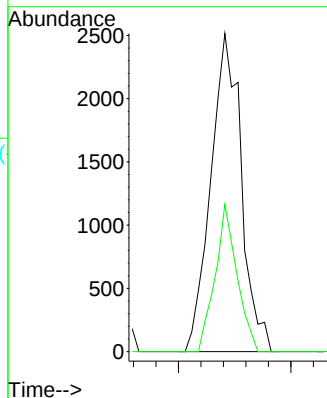
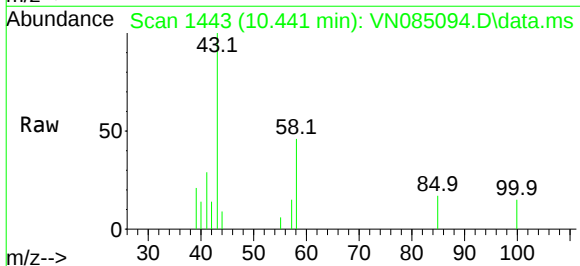
Acq: 04 Dec 2024 15:13

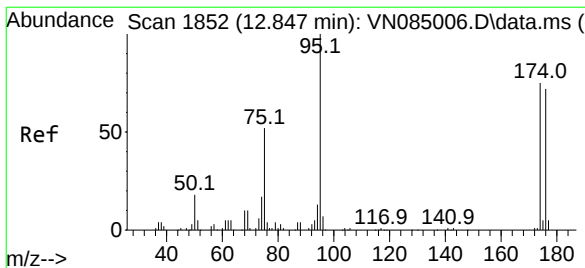
Tgt Ion: 43 Resp: 4738

Ion Ratio Lower Upper

43 100

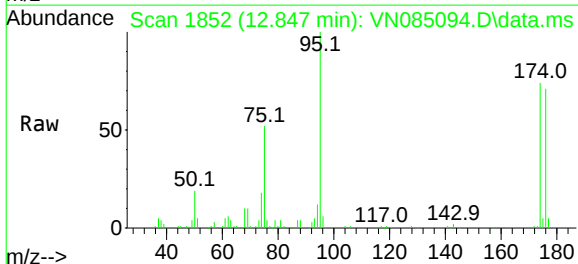
58 33.2 32.1 48.1



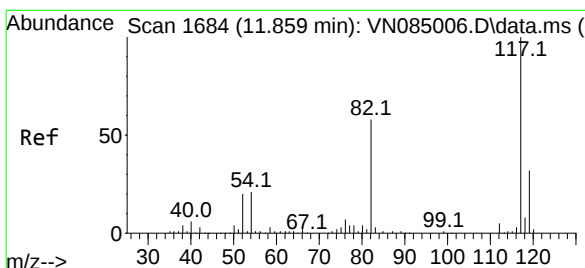
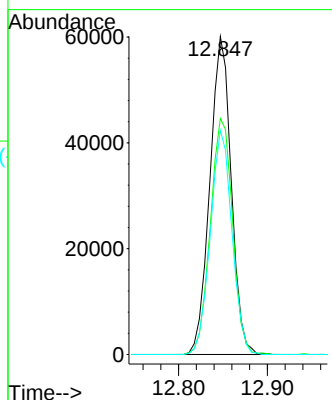
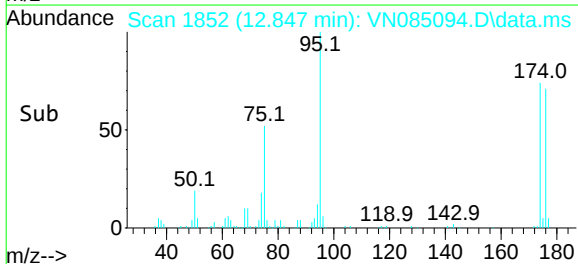


#62
4-Bromofluorobenzene
Concen: 41.063 ug/l
RT: 12.847 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13

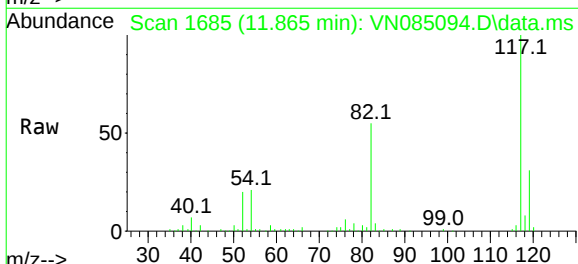
Instrument :
MSVOA_N
ClientSampleId :
A3988-SLUDGE



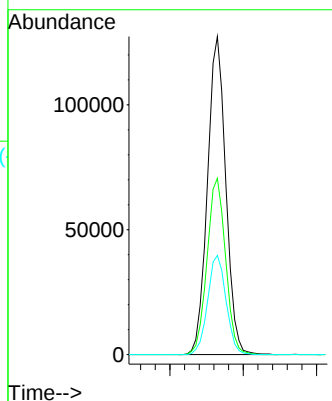
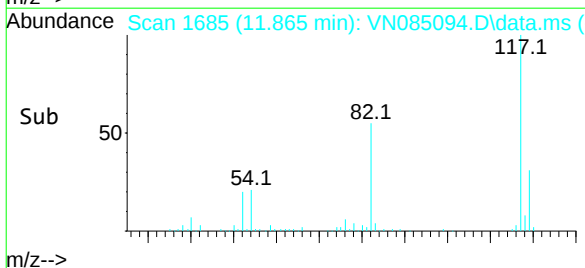
Tgt Ion: 95 Resp: 100233
Ion Ratio Lower Upper
95 100
174 77.3 0.0 146.6
176 71.3 0.0 141.8

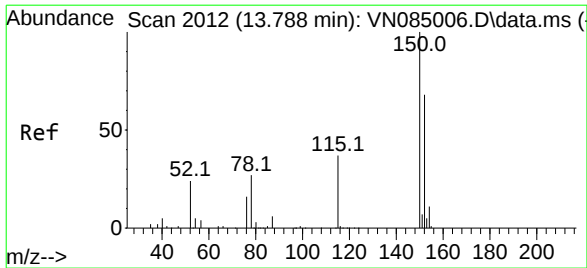


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085094.D
Acq: 04 Dec 2024 15:13



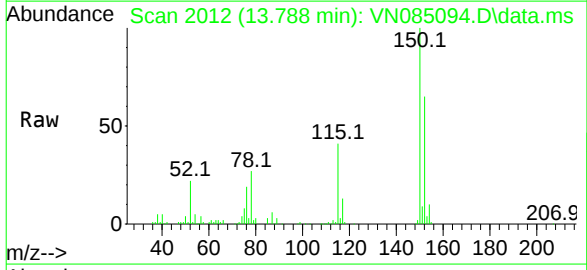
Tgt Ion: 117 Resp: 221330
Ion Ratio Lower Upper
117 100
82 55.4 46.0 69.0
119 31.2 25.6 38.4





1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085094.D
 Acq: 04 Dec 2024 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 A3988-SLUDGE



Tgt Ion:	152	Resp:	82527
Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.7	95.1
150	159.4	0.0	351.4

