

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076187.D
 Acq On : 10 Jan 2023 17:12
 Operator : JC\MD
 Sample : 01061-01
 Misc : 5.06gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-4

Quant Time: Jan 11 01:07:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

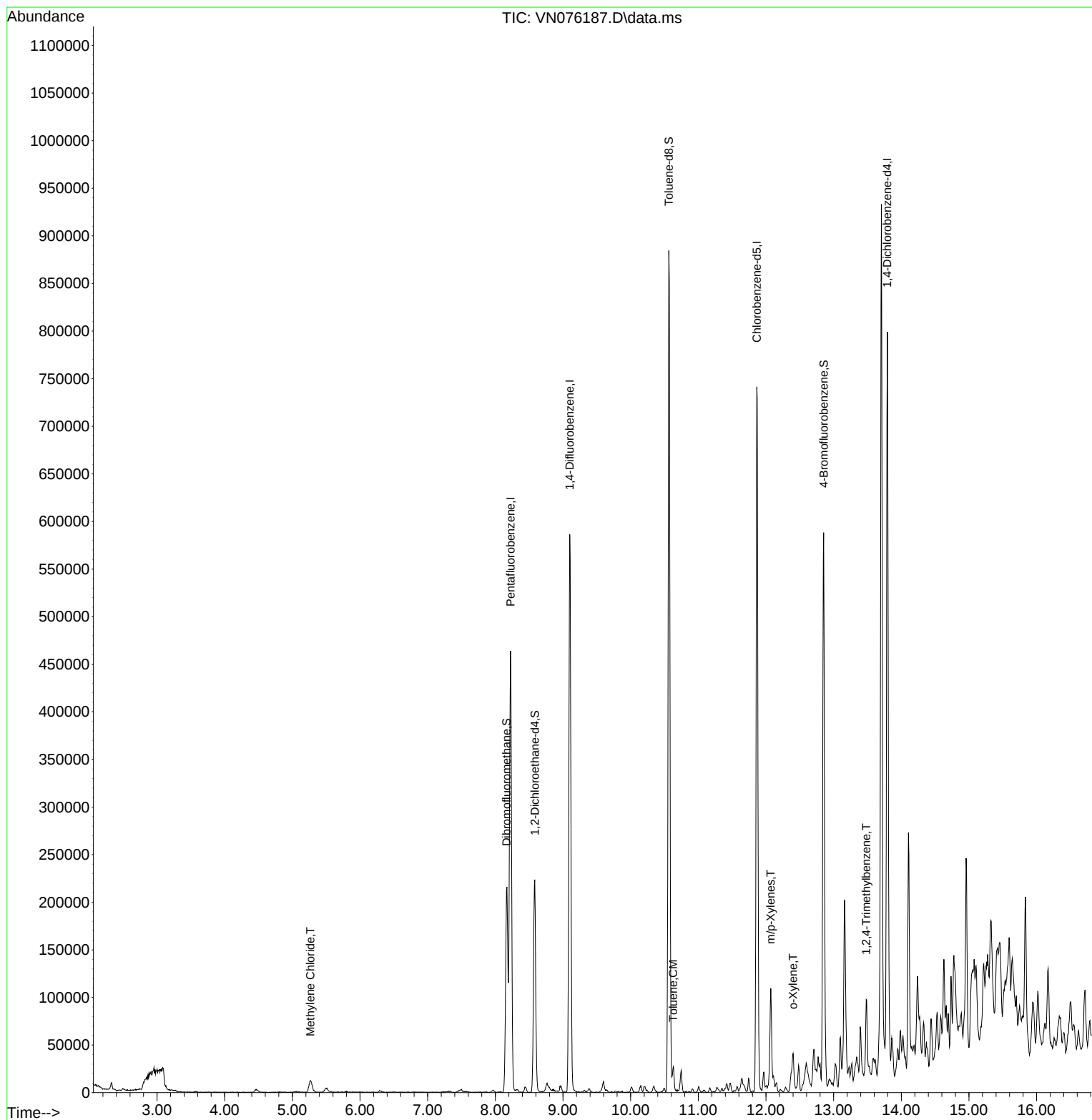
Internal Standards						
1) Pentafluorobenzene	8.224	168	354885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	544558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	461359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178471	46.226	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.460%
35) Dibromofluoromethane	8.165	113	155903	46.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	10.565	98	625204	49.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.853	95	198909	47.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.265	84	11072	2.502	ug/l	99
52) Toluene	10.630	92	10656	1.184	ug/l	94
68) m/p-Xylenes	12.071	106	19481	3.080	ug/l	100
69) o-Xylene	12.400	106	9580	1.530	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	51490	3.944	ug/l	100

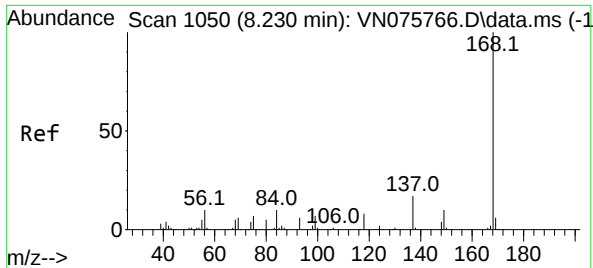
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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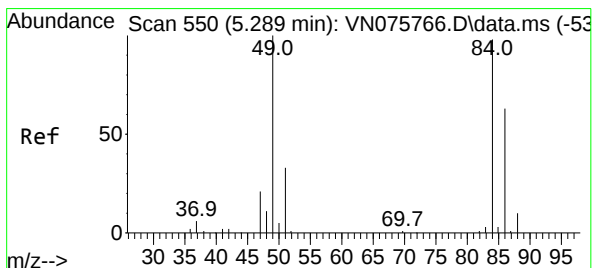
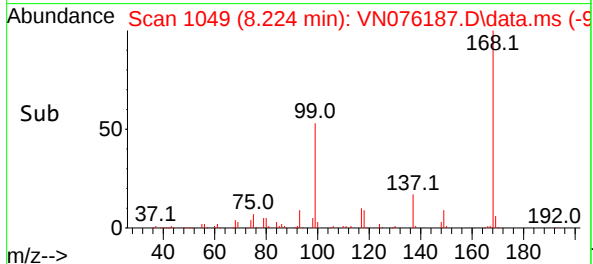
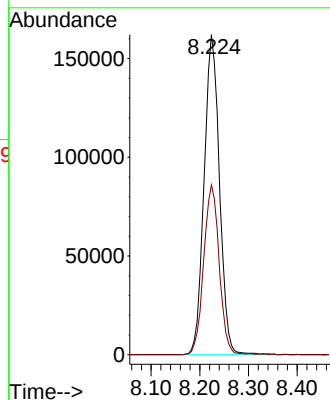
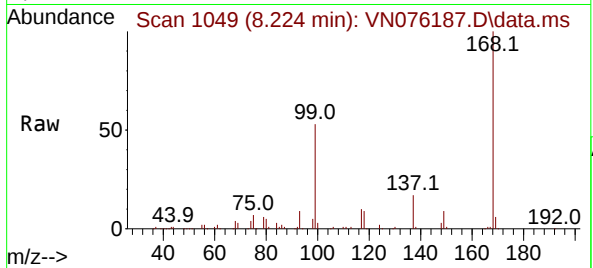




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

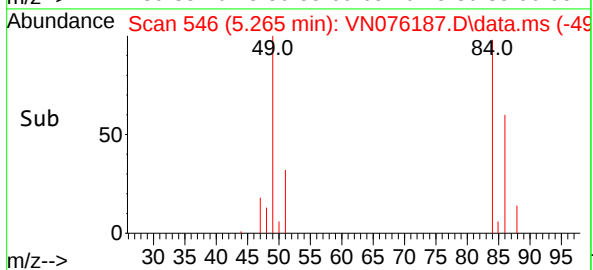
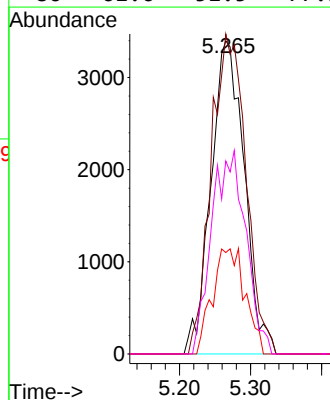
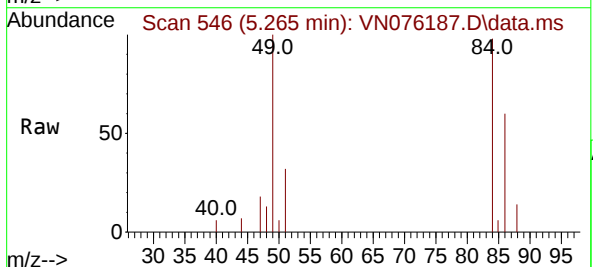
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-4

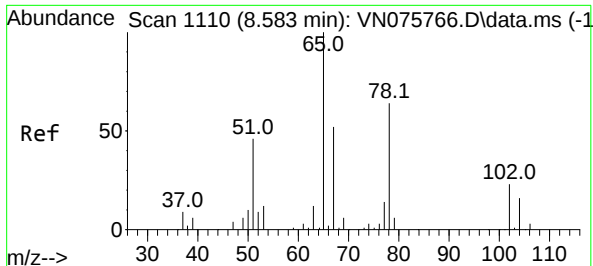
Tgt Ion:168 Resp: 354885
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#20
Methylene Chloride
Concen: 2.502 ug/l
RT: 5.265 min Scan# 546
Delta R.T. -0.024 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

Tgt Ion: 84 Resp: 11072
Ion Ratio Lower Upper
84 100
49 102.2 81.8 122.6
51 32.4 26.7 40.1
86 61.6 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 46.226 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076187.D

Acq: 10 Jan 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

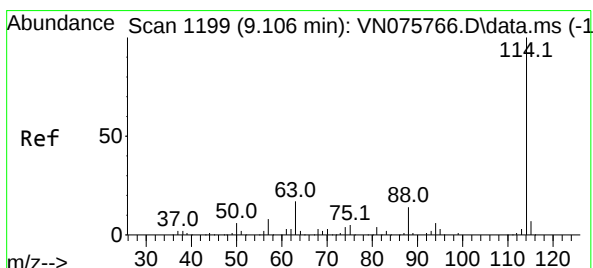
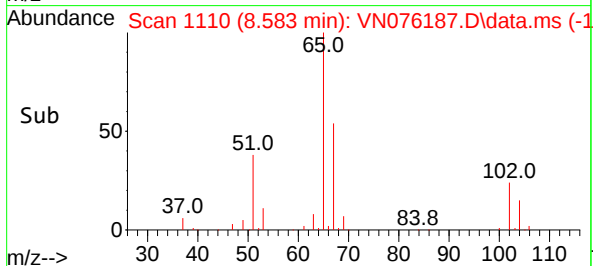
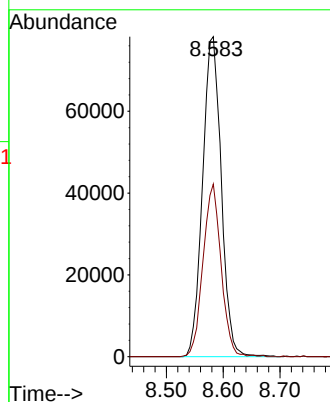
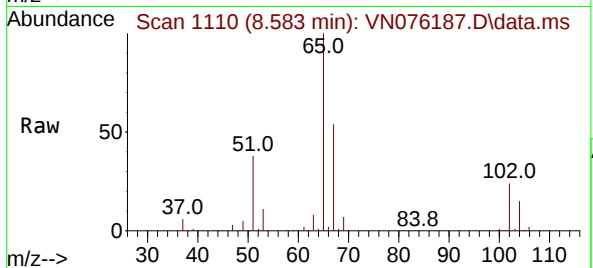
SLUDGE-4

Tgt Ion: 65 Resp: 178471

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN076187.D

Acq: 10 Jan 2023 17:12

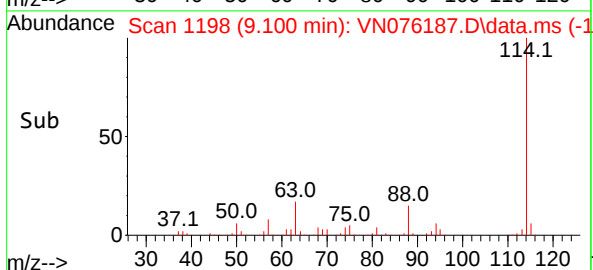
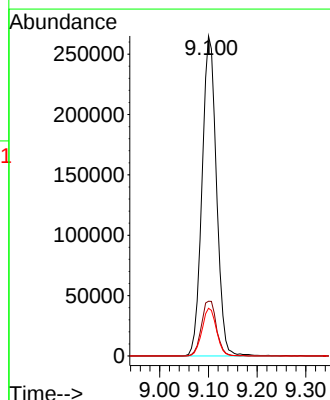
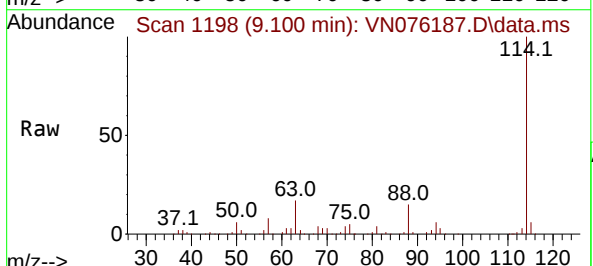
Tgt Ion: 114 Resp: 544558

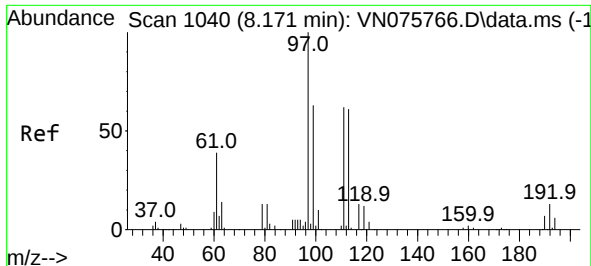
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.230 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN076187.D

Acq: 10 Jan 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

SLUDGE-4

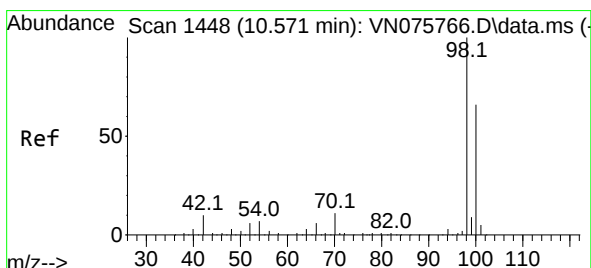
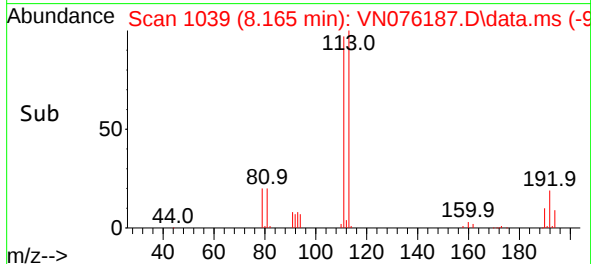
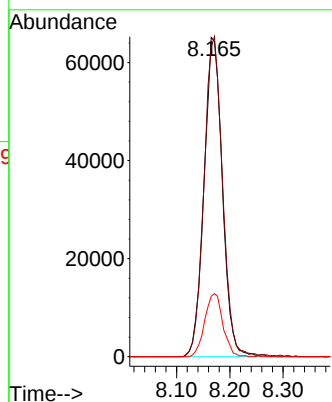
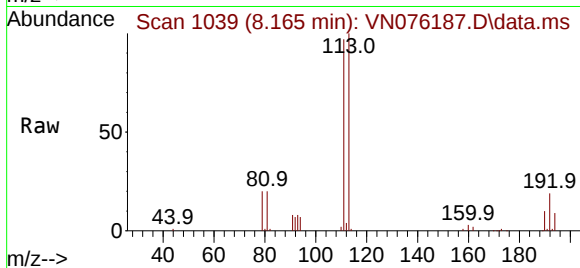
Tgt Ion:113 Resp: 155903

Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.2

192 19.5 16.1 24.1



#50

Toluene-d8

Concen: 49.584 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076187.D

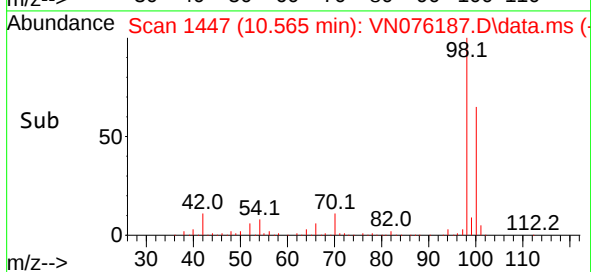
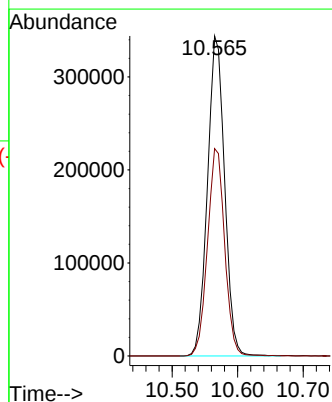
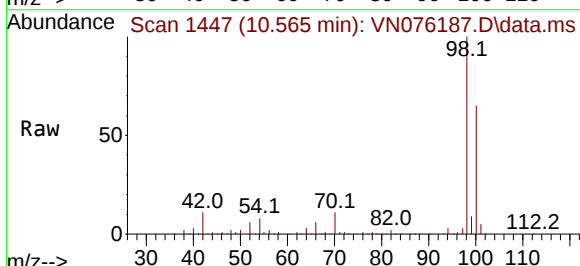
Acq: 10 Jan 2023 17:12

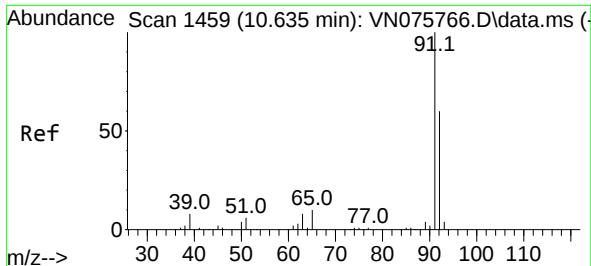
Tgt Ion: 98 Resp: 625204

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

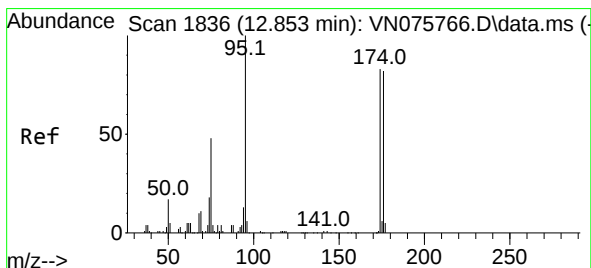
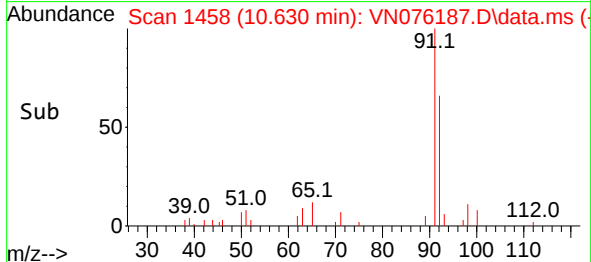
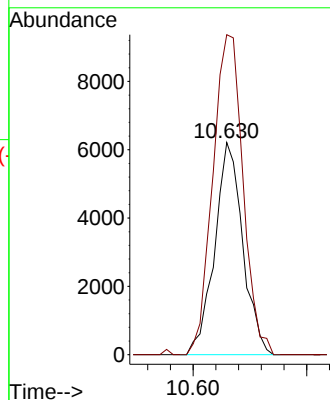
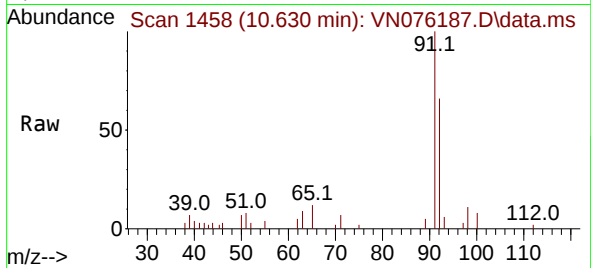




#52
Toluene
Concen: 1.184 ug/l
RT: 10.630 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

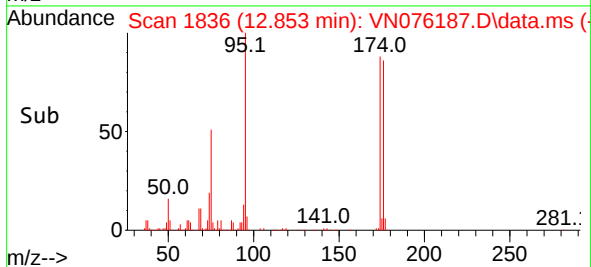
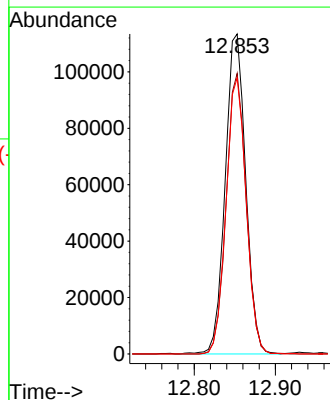
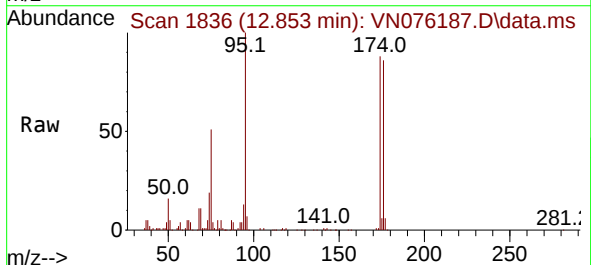
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-4

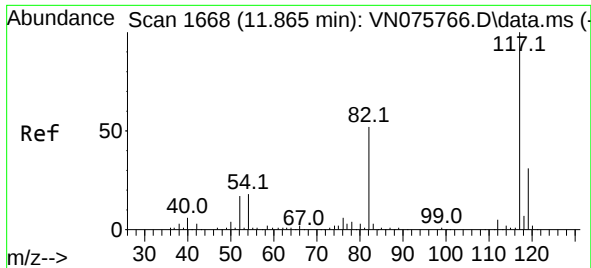
Tgt Ion: 92 Resp: 10656
Ion Ratio Lower Upper
92 100
91 162.7 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 47.629 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

Tgt Ion: 95 Resp: 198909
Ion Ratio Lower Upper
95 100
174 85.2 0.0 171.6
176 84.5 0.0 169.2

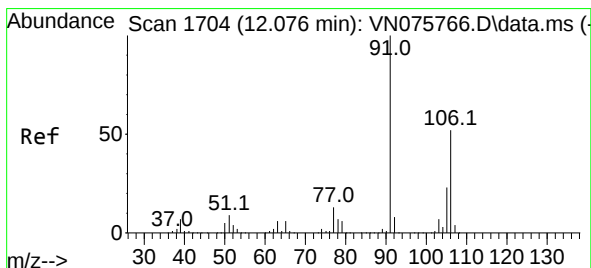
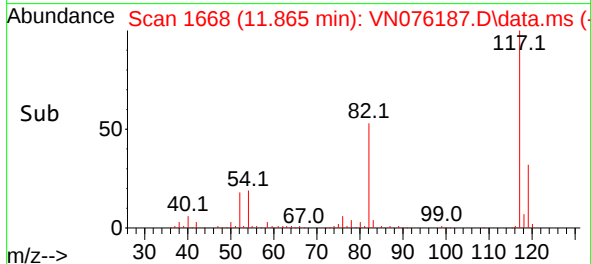
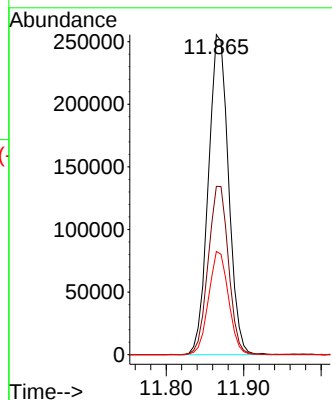
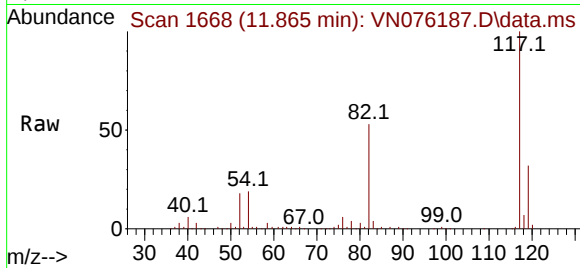




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

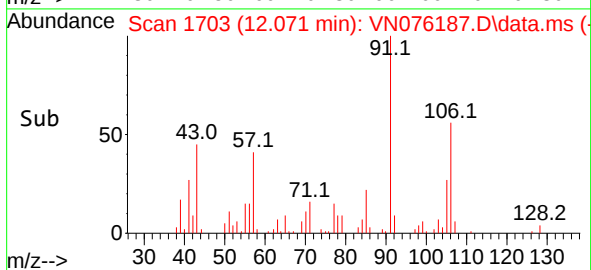
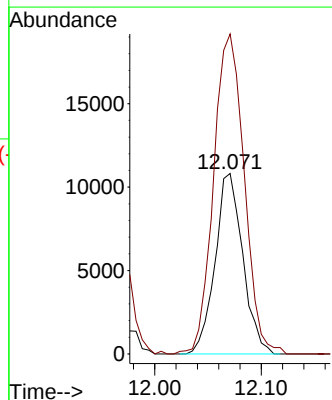
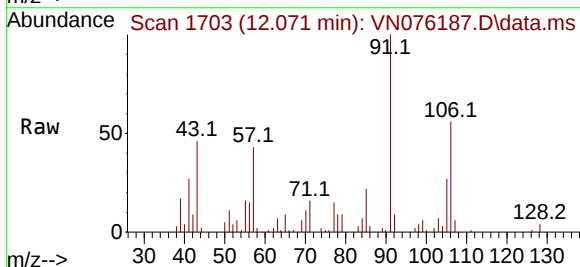
Instrument :
MSVOA_N
ClientSampleId :
SLUDGE-4

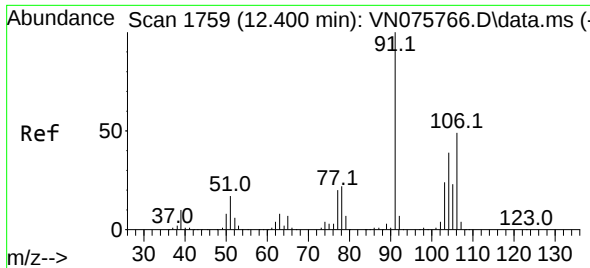
Tgt Ion:117 Resp: 461359
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 32.3 24.6 37.0



#68
m/p-Xylenes
Concen: 3.080 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

Tgt Ion:106 Resp: 19481
Ion Ratio Lower Upper
106 100
91 196.4 156.6 235.0

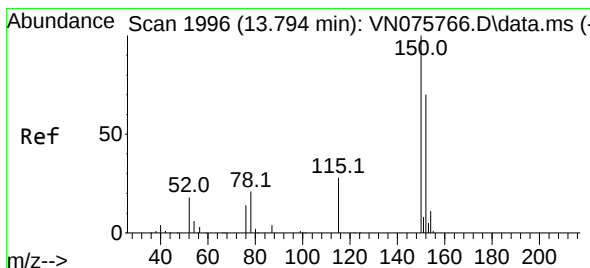
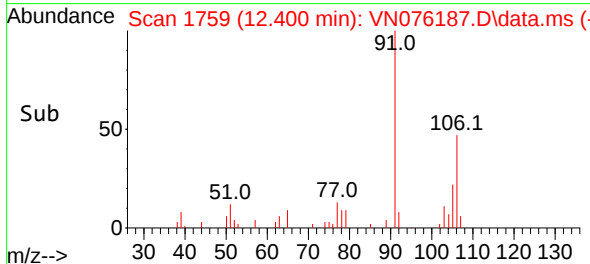
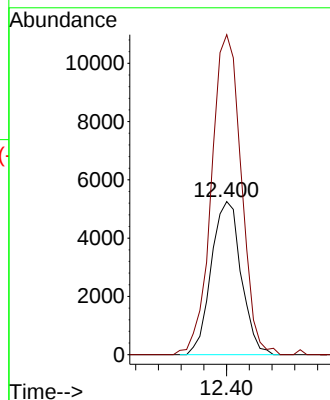
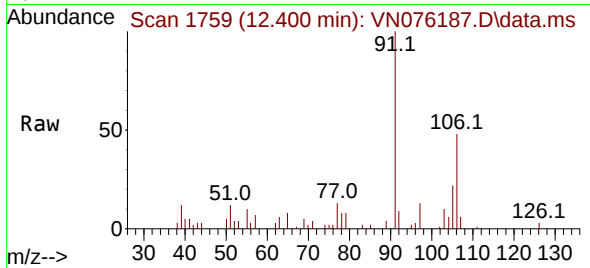




#69
o-Xylene
Concen: 1.530 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

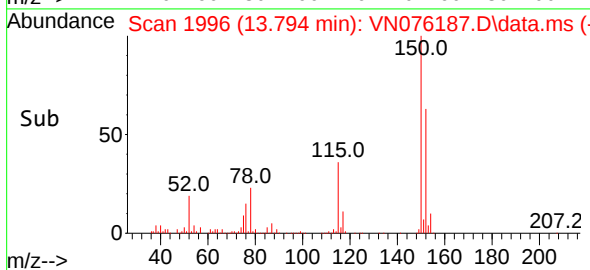
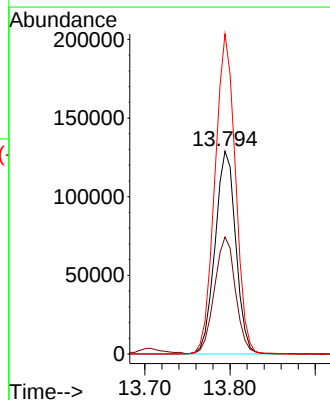
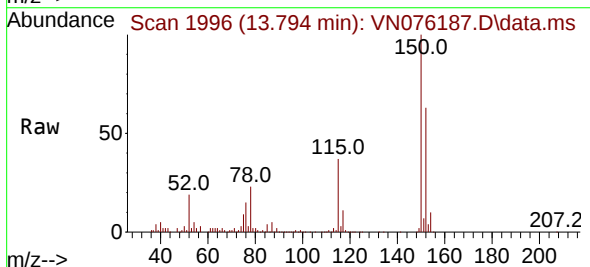
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MSVOA_N
ClientSampleId :
SLUDGE-4

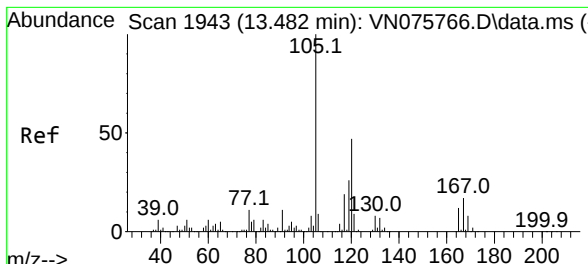
Tgt Ion:106 Resp: 9580
Ion Ratio Lower Upper
106 100
91 209.1 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076187.D
Acq: 10 Jan 2023 17:12

Tgt Ion:152 Resp: 217609
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 156.5 0.0 347.0





#84
 1,2,4-Trimethylbenzene
 Concen: 3.944 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076187.D
 Acq: 10 Jan 2023 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SLUDGE-4

Tgt Ion:105 Resp: 51490
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8

