

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016154.D
 Acq On : 31 Oct 2023 18:23
 Operator : SY/MD
 Sample : 05136-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-COMP

Quant Time: Nov 01 03:41:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

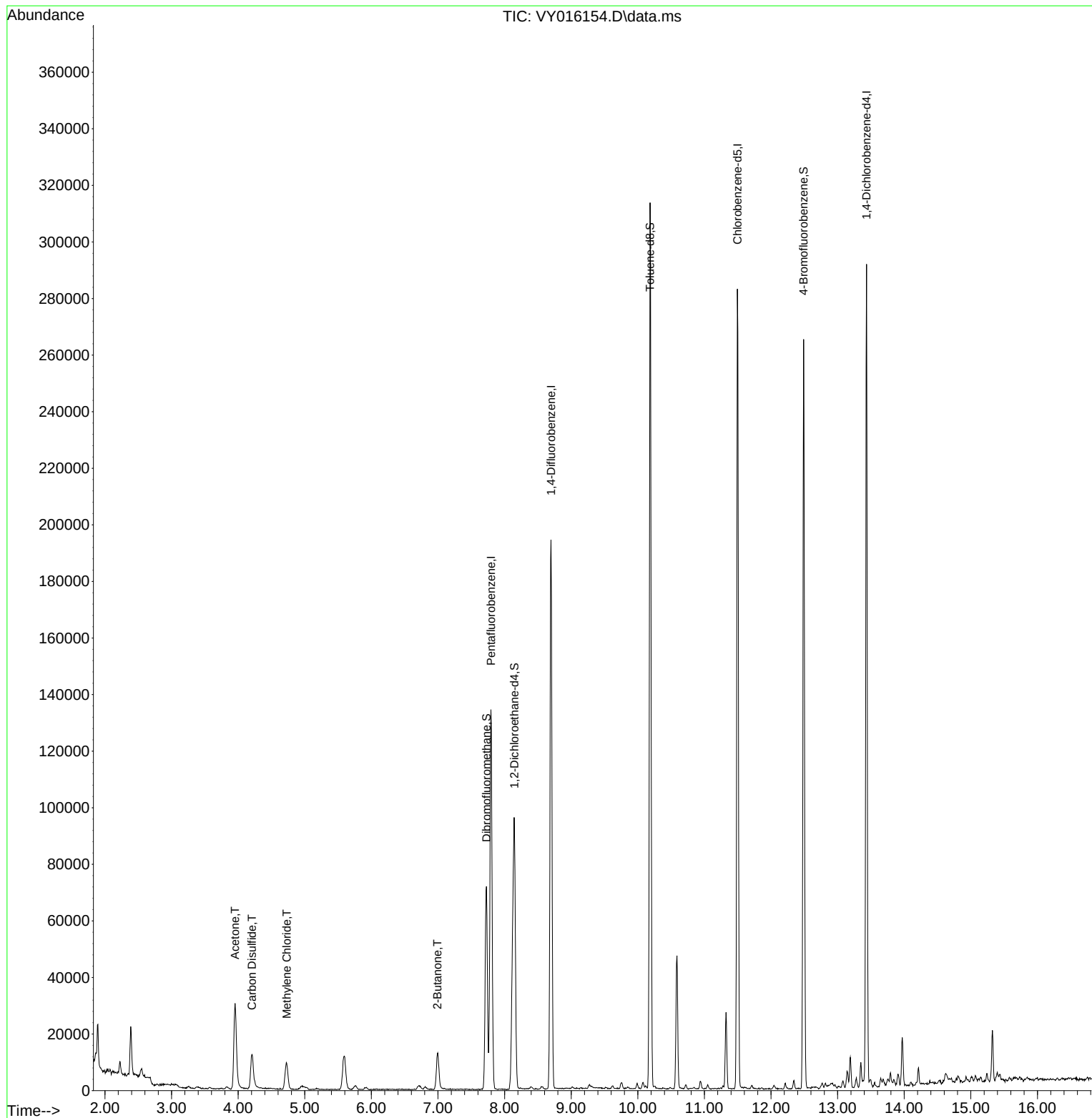
Internal Standards						
1) Pentafluorobenzene	7.795	168	105966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	159069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59339	59.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.680%
35) Dibromofluoromethane	7.728	113	50614	49.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.185	98	202527	49.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.489	95	68590	49.054	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.100%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	55267	357.360	ug/l	90
17) Carbon Disulfide	4.204	76	22805	10.894	ug/l	97
20) Methylene Chloride	4.728	84	7103	4.257	ug/l	87
25) 2-Butanone	6.990	43	23326	85.268	ug/l	99

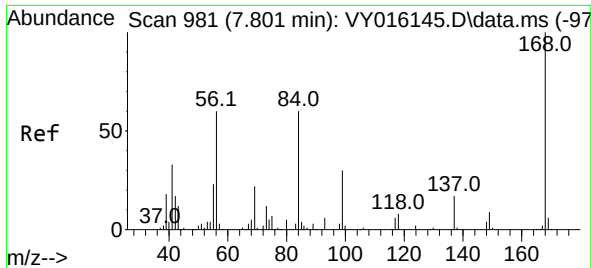
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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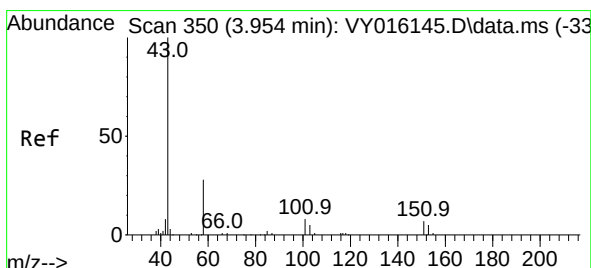
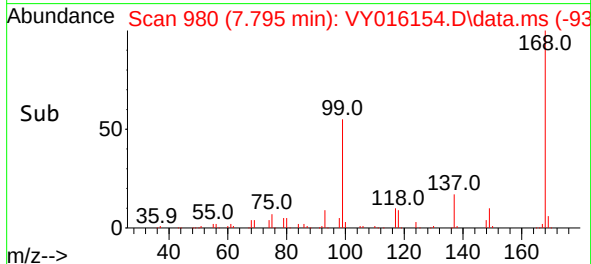
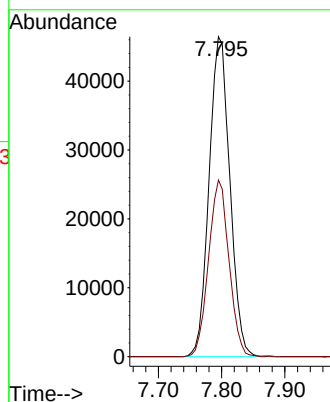
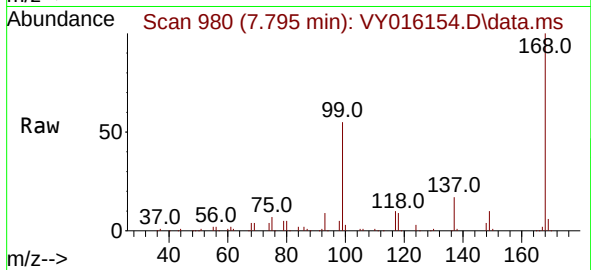




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

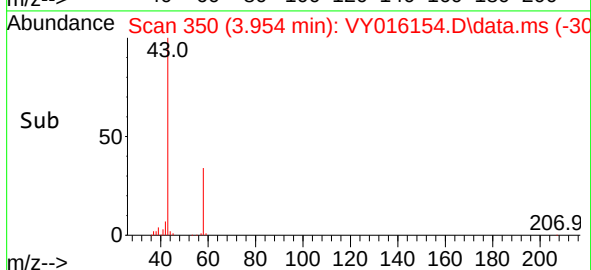
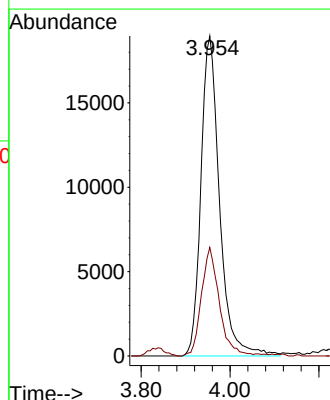
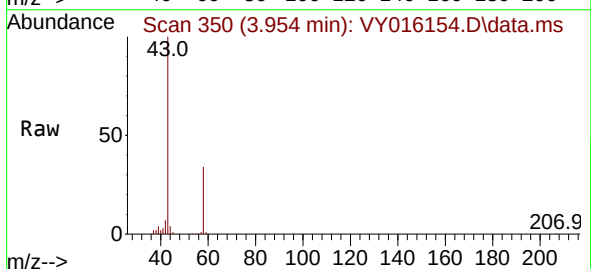
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-COMP

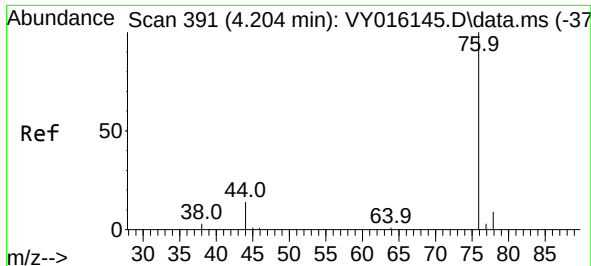
Tgt Ion:168 Resp: 105966
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#16
Acetone
Concen: 357.360 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

Tgt Ion: 43 Resp: 55267
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1

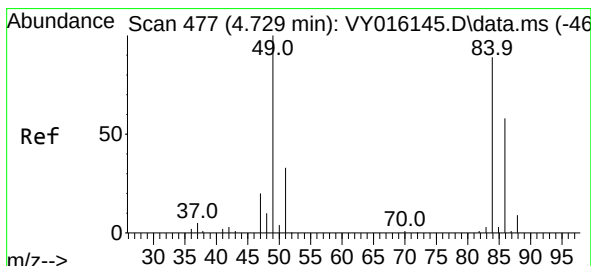
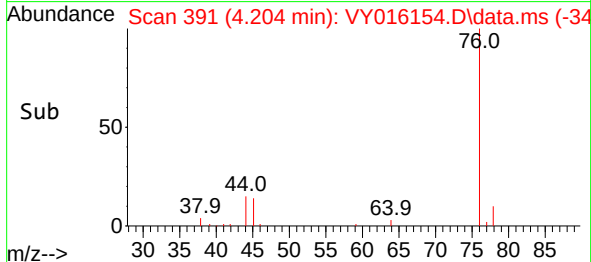
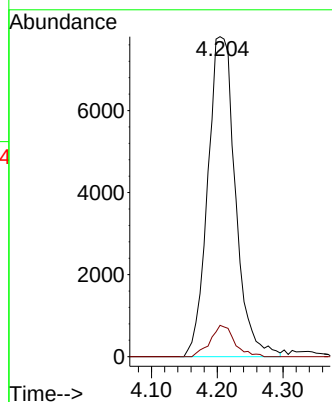
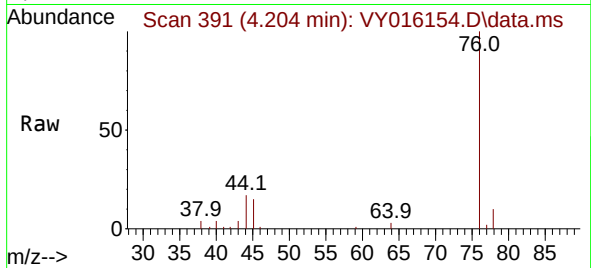




#17
Carbon Disulfide
Concen: 10.894 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

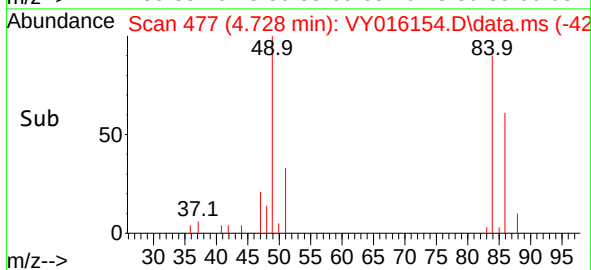
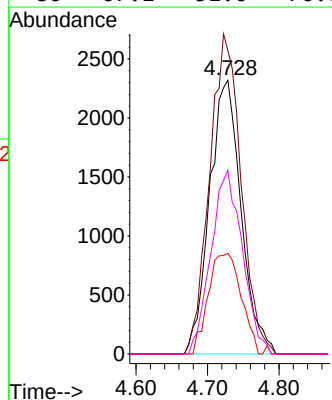
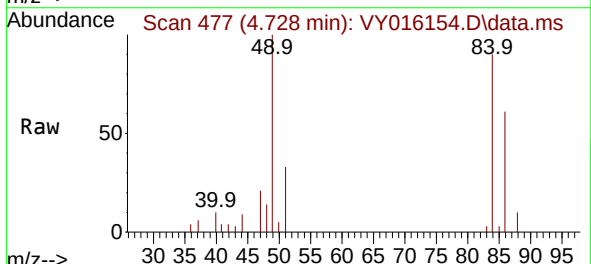
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-COMP

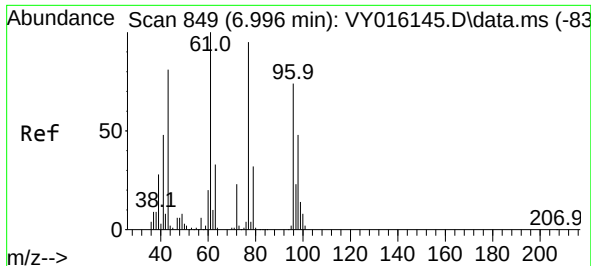
Tgt Ion: 76 Resp: 22805
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#20
Methylene Chloride
Concen: 4.257 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

Tgt Ion: 84 Resp: 7103
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 36.8 33.2 49.8
86 67.1 51.0 76.6

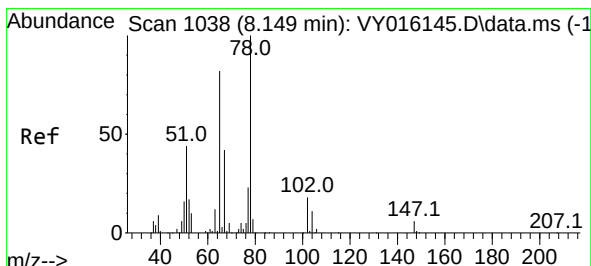
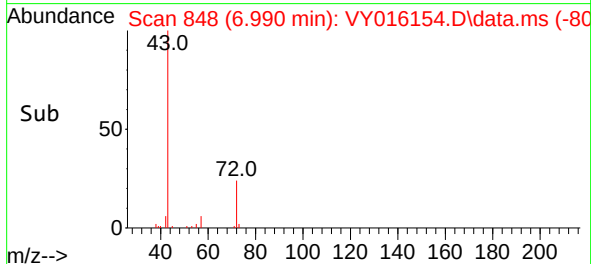
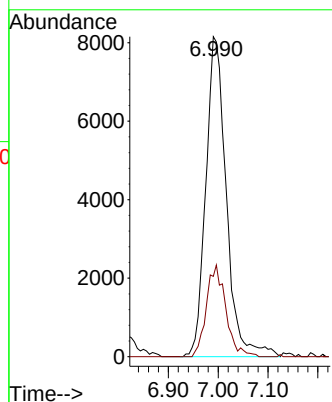
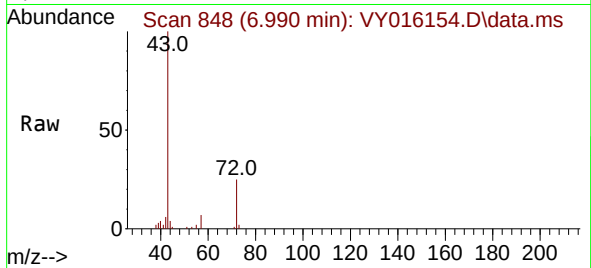




#25
2-Butanone
Concen: 85.268 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

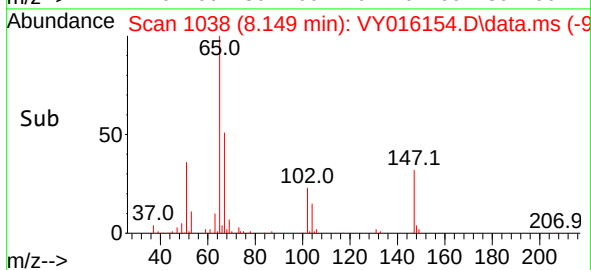
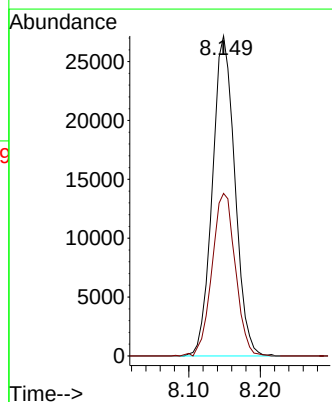
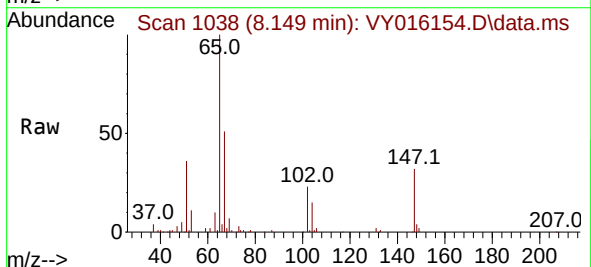
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-COMP

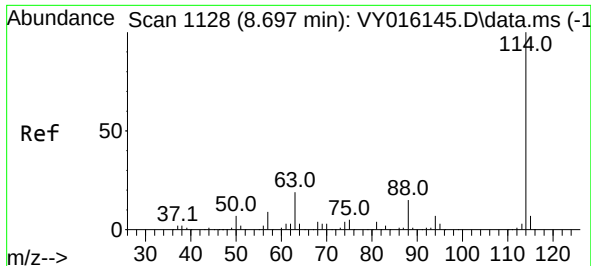
Tgt Ion: 43 Resp: 23326
Ion Ratio Lower Upper
43 100
72 25.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 59.844 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

Tgt Ion: 65 Resp: 59339
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016154.D

Acq: 31 Oct 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-COMP

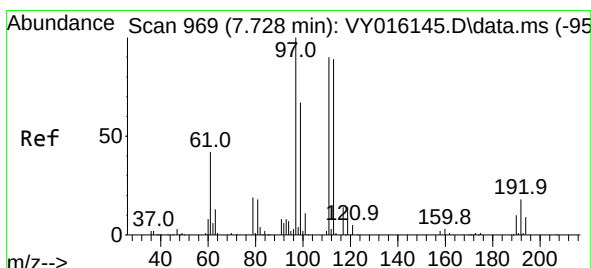
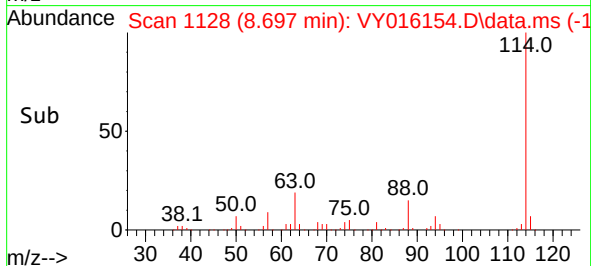
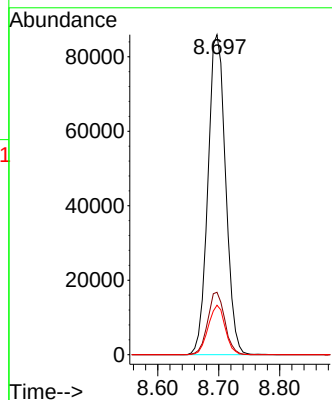
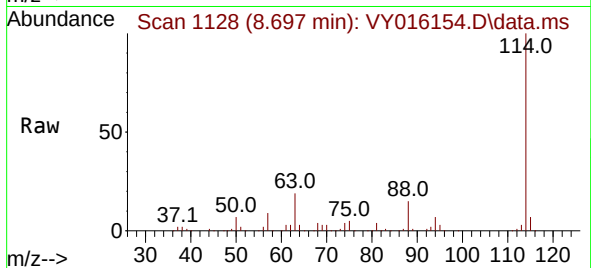
Tgt Ion:114 Resp: 172996

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.075 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016154.D

Acq: 31 Oct 2023 18:23

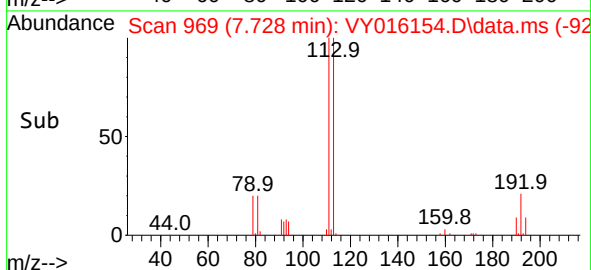
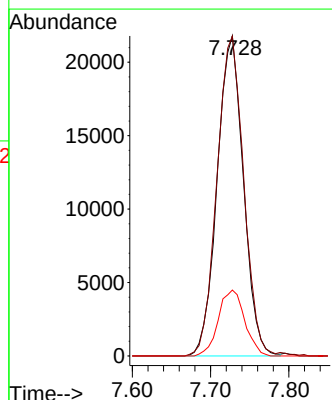
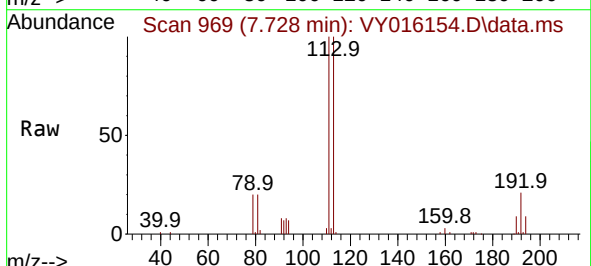
Tgt Ion:113 Resp: 50614

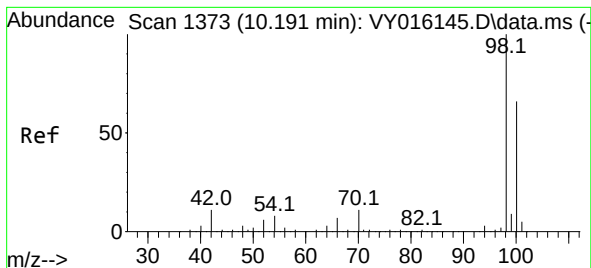
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 20.8 16.9 25.3

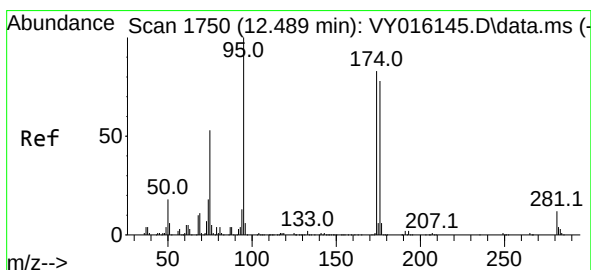
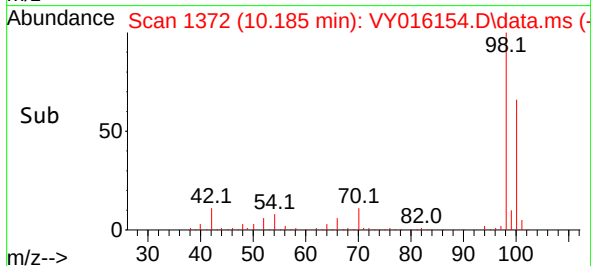
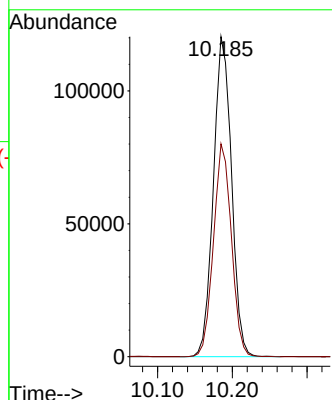
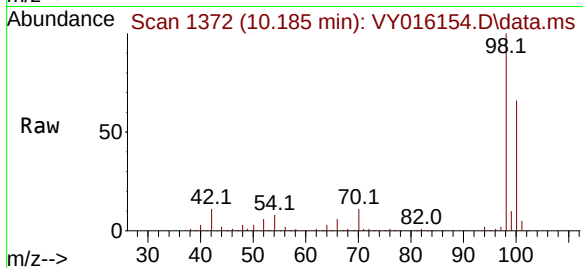




#50
Toluene-d8
Concen: 49.528 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

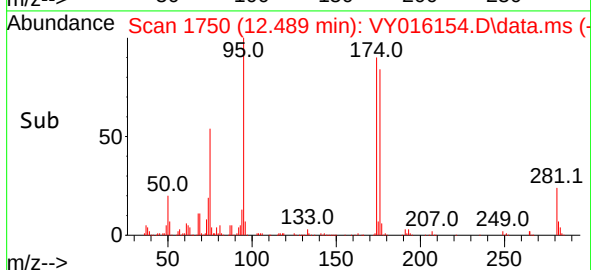
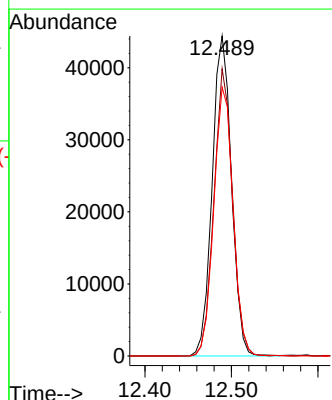
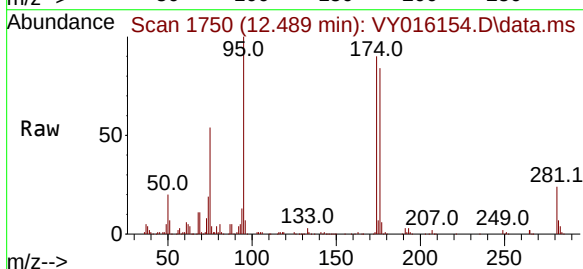
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-COMP

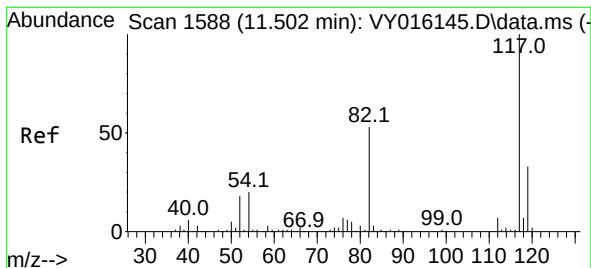
Tgt Ion: 98 Resp: 202527
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.054 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016154.D
Acq: 31 Oct 2023 18:23

Tgt Ion: 95 Resp: 68590
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016154.D

Acq: 31 Oct 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

SLUDGE-COMP

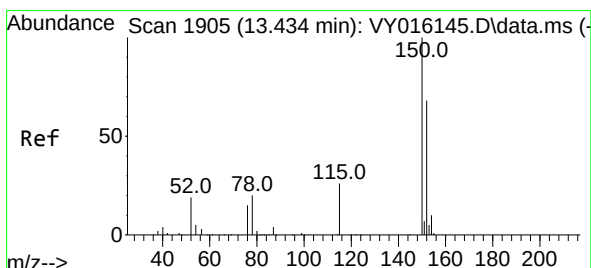
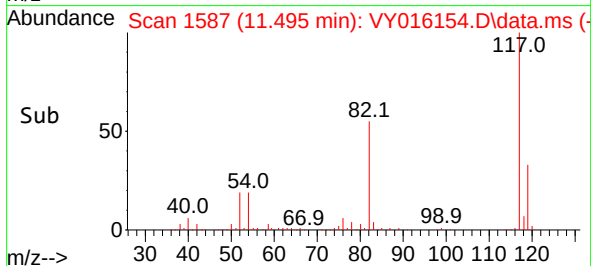
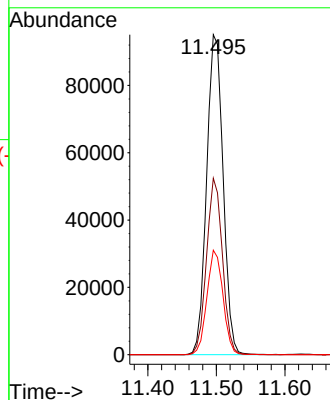
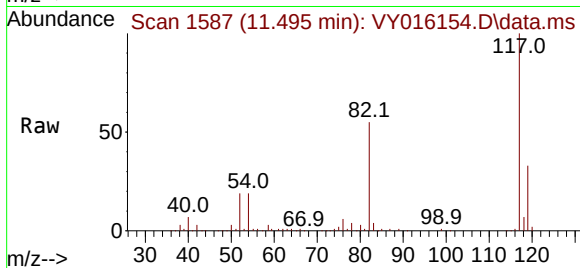
Tgt Ion:117 Resp: 159069

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016154.D

Acq: 31 Oct 2023 18:23

Tgt Ion:152 Resp: 74191

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.9 0.0 348.8

