

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013715.D
 Acq On : 11 May 2023 14:37
 Operator : KP/MD
 Sample : 02743-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-A-SLUDGE

Quant Time: May 12 04:42:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

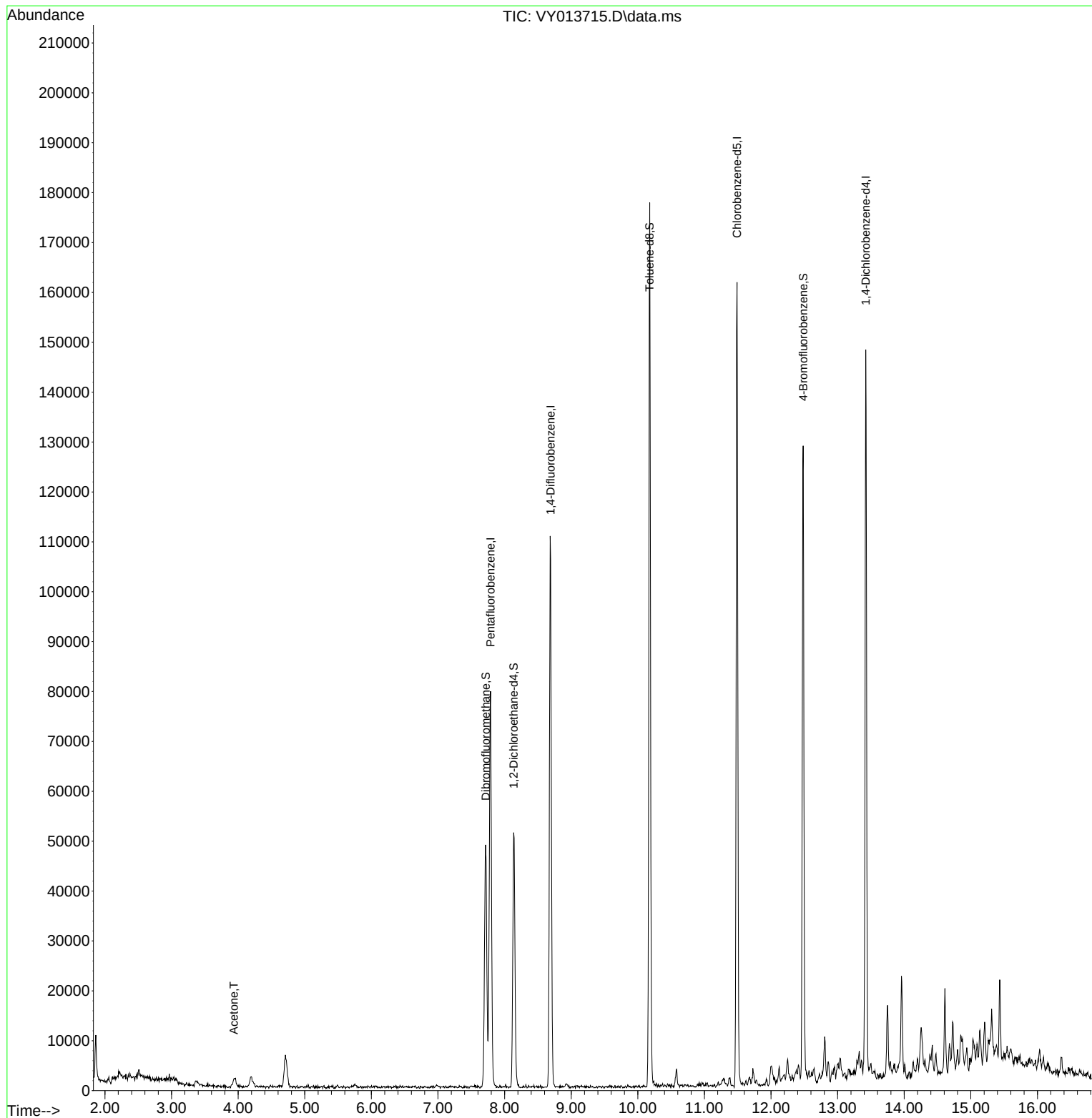
Internal Standards						
1) Pentafluorobenzene	7.789	168	61002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	88660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42160	63.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.100%	
35) Dibromofluoromethane	7.716	113	34042	58.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.660%	
50) Toluene-d8	10.179	98	114327	55.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.080%	
62) 4-Bromofluorobenzene	12.483	95	33728	48.602	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	3207	12.178	ug/l #	86

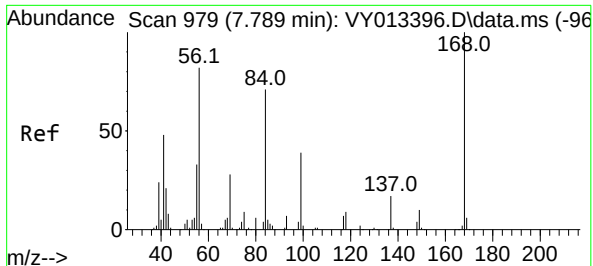
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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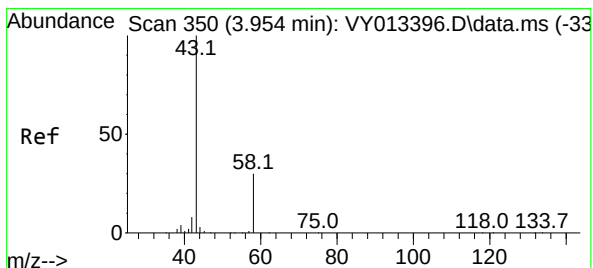
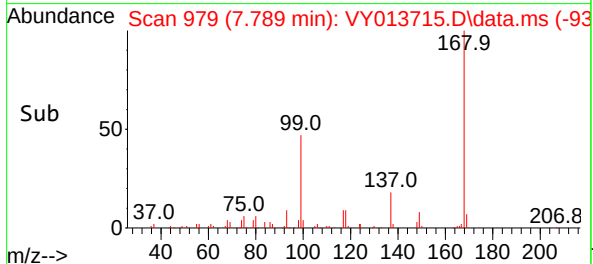
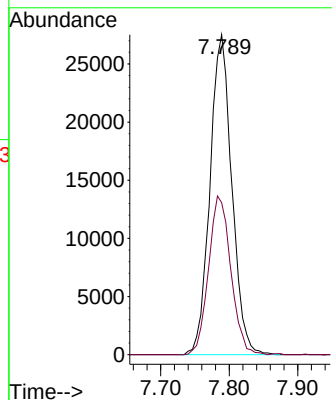
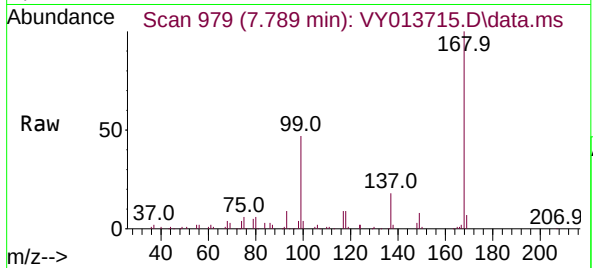




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

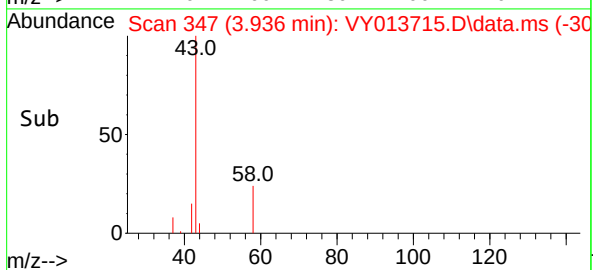
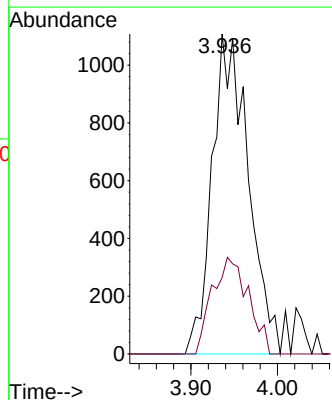
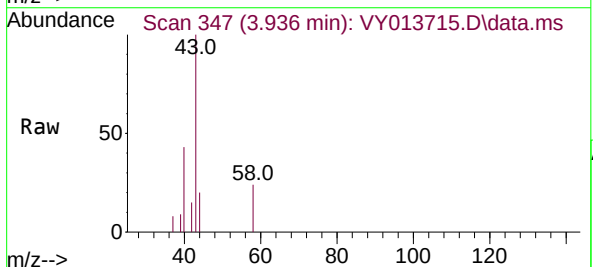
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

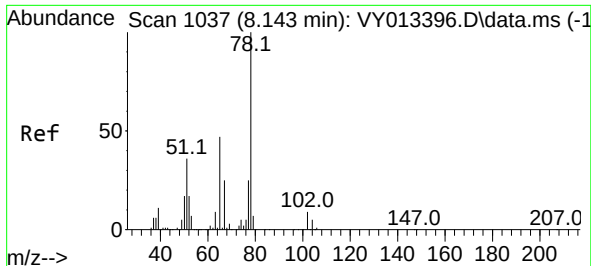
Tgt Ion:168 Resp: 61002
Ion Ratio Lower Upper
168 100
99 47.5 41.8 62.6



#16
Acetone
Concen: 12.178 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 23.9 25.4 38.0#





#33

1,2-Dichloroethane-d4

Concen: 63.046 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

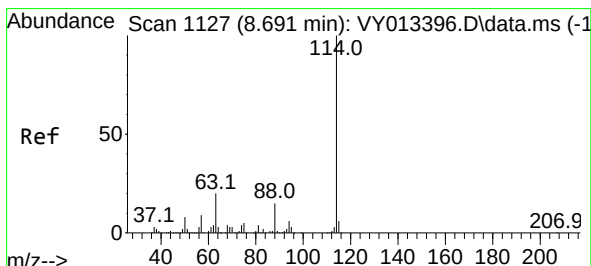
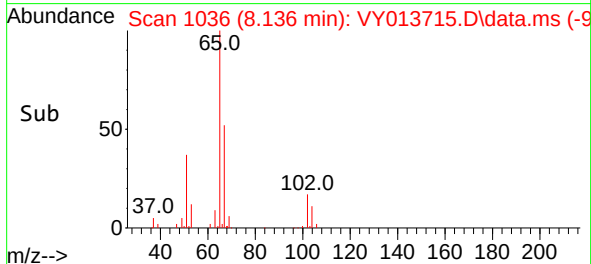
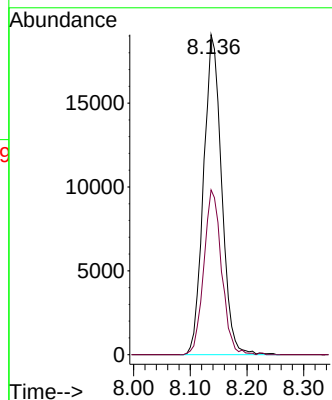
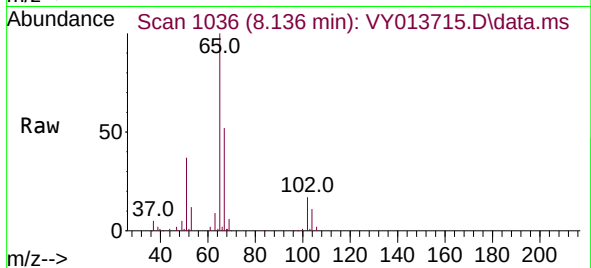
DRUM-A-SLUDGE

Tgt Ion: 65 Resp: 42160

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013715.D

Acq: 11 May 2023 14:37

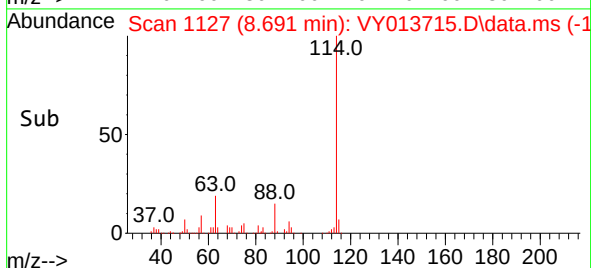
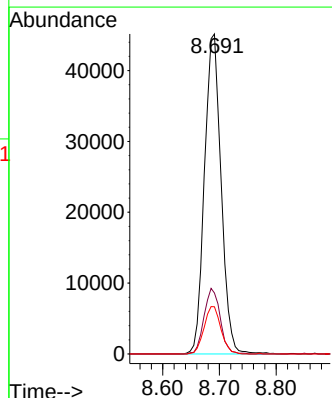
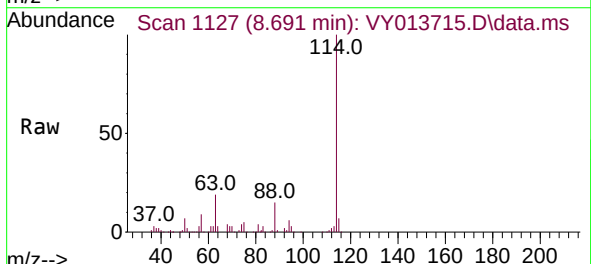
Tgt Ion: 114 Resp: 92001

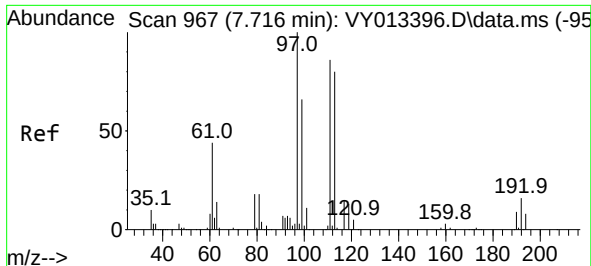
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.6

88 14.8 0.0 28.8

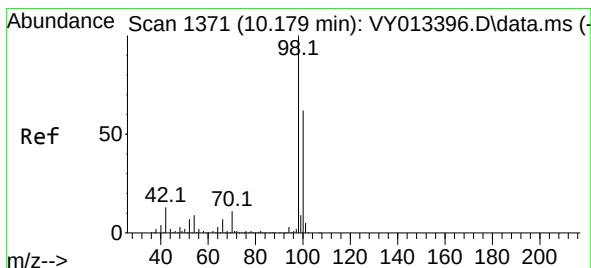
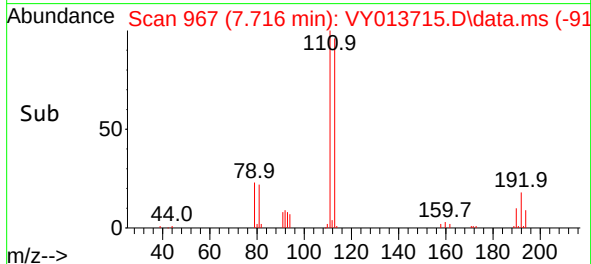
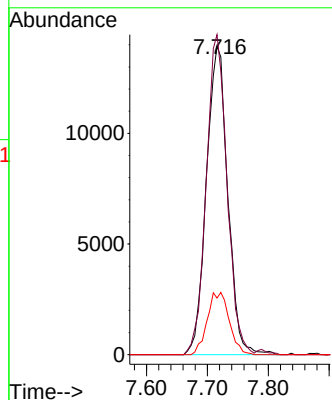
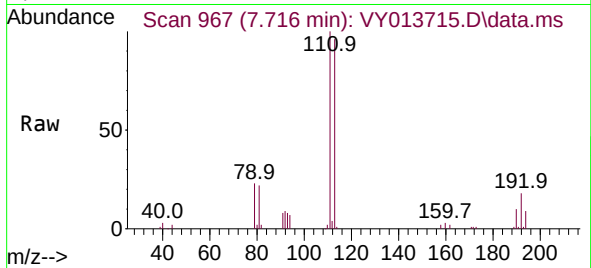




#35
Dibromofluoromethane
Concen: 58.831 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

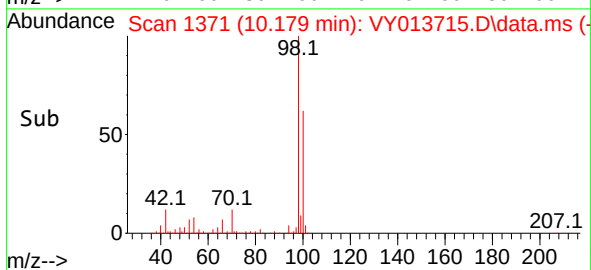
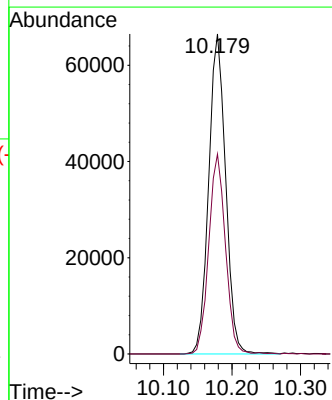
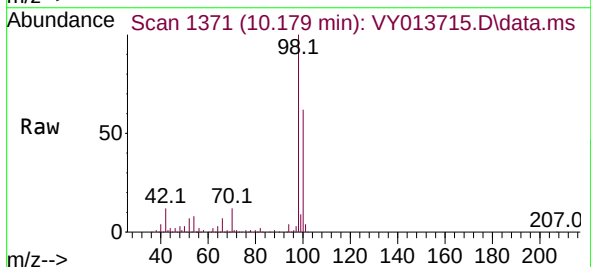
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

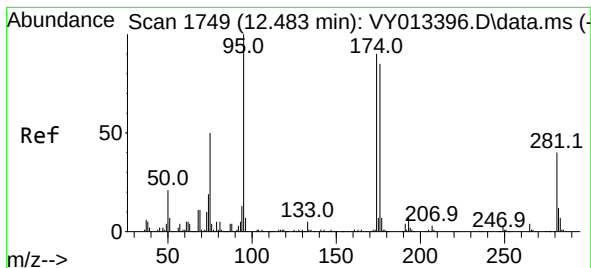
Tgt Ion:113 Resp: 34042
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.2
192 20.7 16.7 25.1



#50
Toluene-d8
Concen: 55.540 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 98 Resp: 114327
Ion Ratio Lower Upper
98 100
100 61.3 50.5 75.7

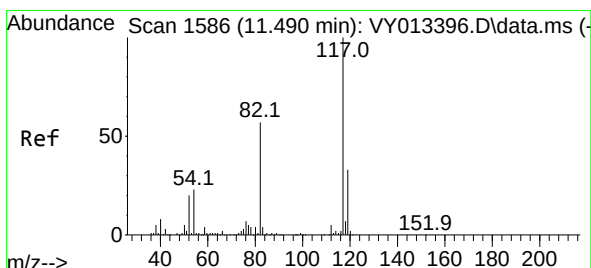
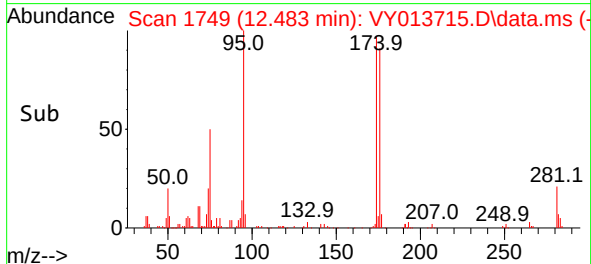
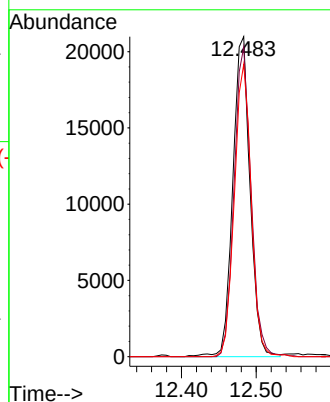
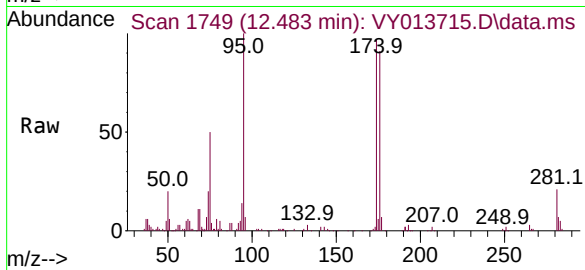




#62
4-Bromofluorobenzene
Concen: 48.602 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

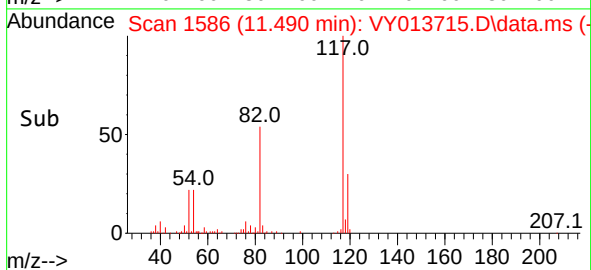
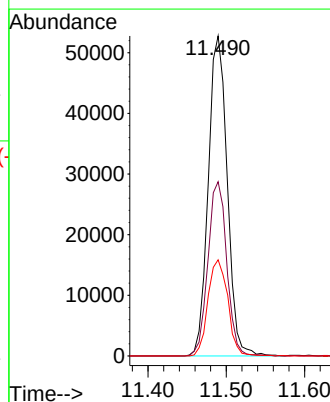
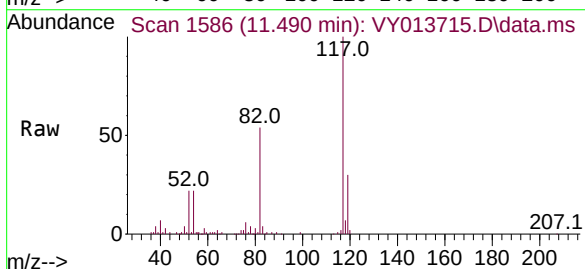
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

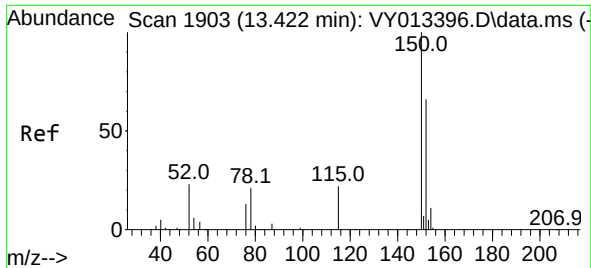
Tgt Ion: 95 Resp: 33728
Ion Ratio Lower Upper
95 100
174 95.2 0.0 182.0
176 89.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013715.D
Acq: 11 May 2023 14:37

Tgt Ion: 117 Resp: 88660
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 30.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013715.D

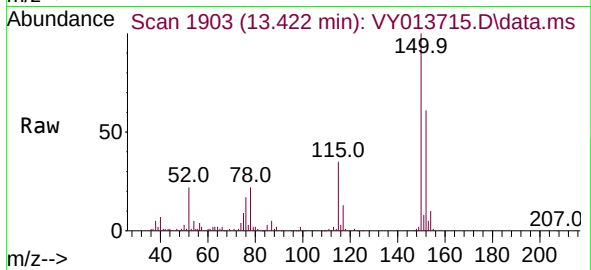
Acq: 11 May 2023 14:37

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE



Tgt Ion:152 Resp: 37490

Ion Ratio Lower Upper

152 100

115 54.8 28.1 84.2

150 155.4 0.0 352.0

