

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013736.D
 Acq On : 15 May 2023 14:53
 Operator : KP/MD
 Sample : 02743-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-A-SLUDGE

Quant Time: May 16 01:31:29 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)

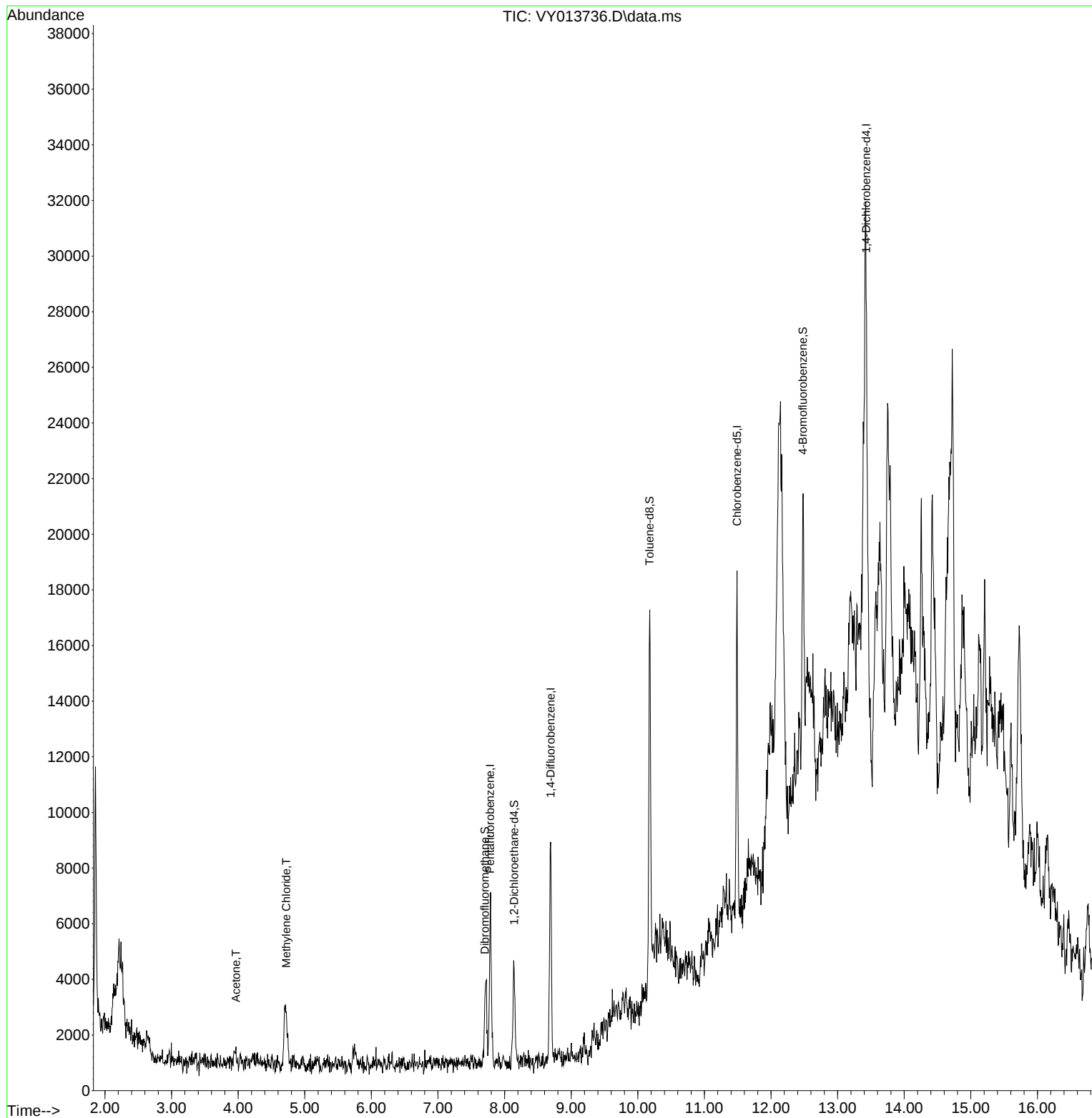
Internal Standards						
1) Pentafluorobenzene	7.783	168	4347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2779	58.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.640%
35) Dibromofluoromethane	7.703	113	2385	54.782	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.560%
50) Toluene-d8	10.179	98	8734	56.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.780%
62) 4-Bromofluorobenzene	12.477	95	2302	44.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.180%
Target Compounds						Qvalue
16) Acetone	3.966	43	926	49.344	ug/l	95
20) Methylene Chloride	4.722	84	1588	22.574	ug/l #	90

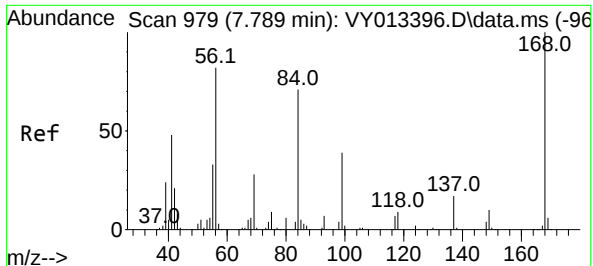
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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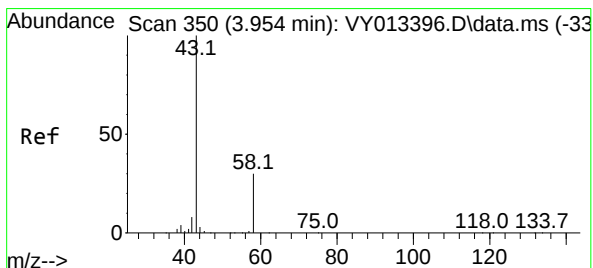
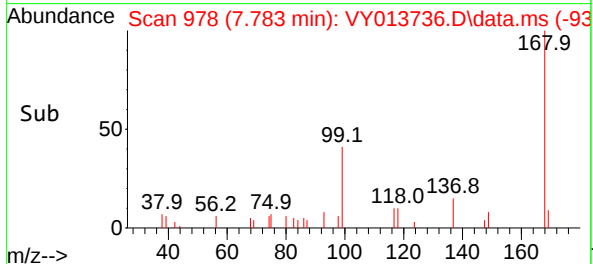
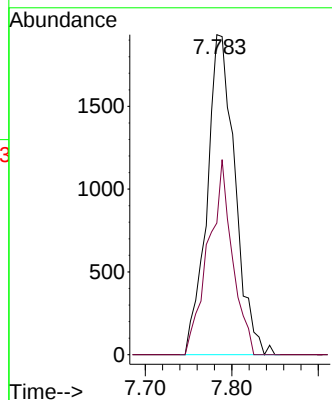
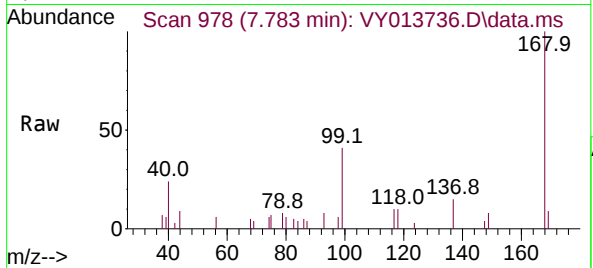




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

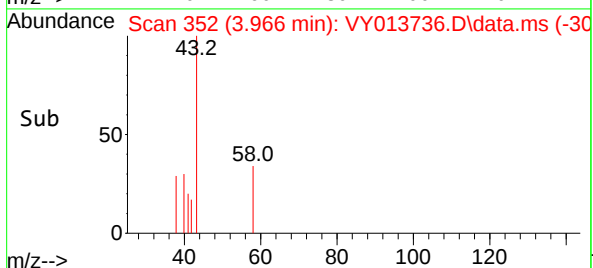
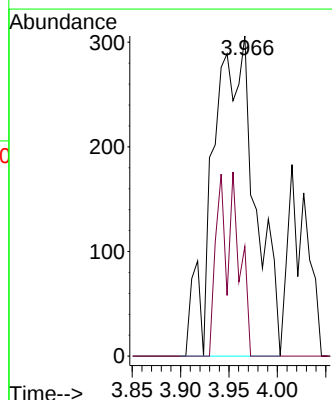
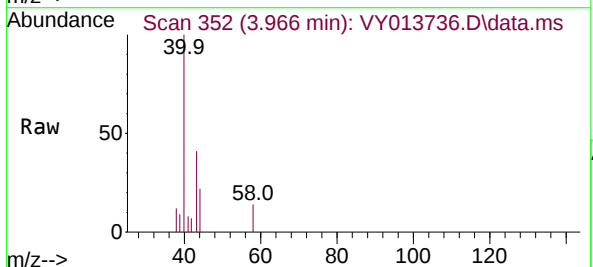
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

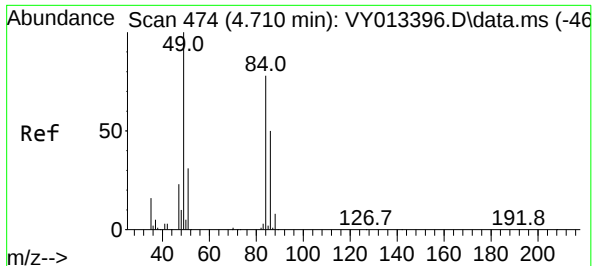
Tgt Ion:168 Resp: 4347
Ion Ratio Lower Upper
168 100
99 41.1 41.8 62.6#



#16
Acetone
Concen: 49.344 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 34.3 25.4 38.0

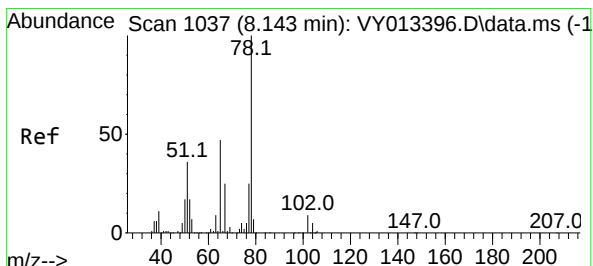
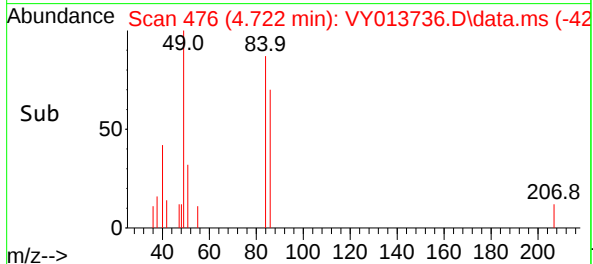
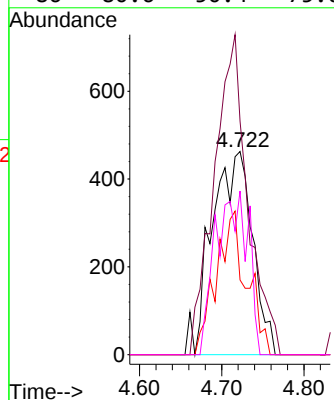
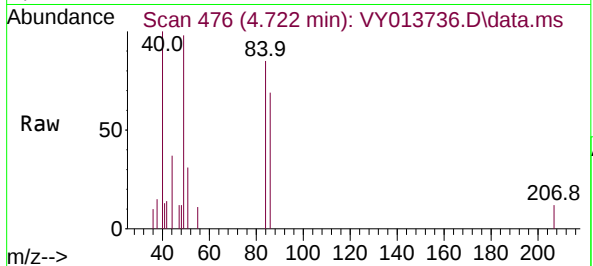




#20
Methylene Chloride
Concen: 22.574 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

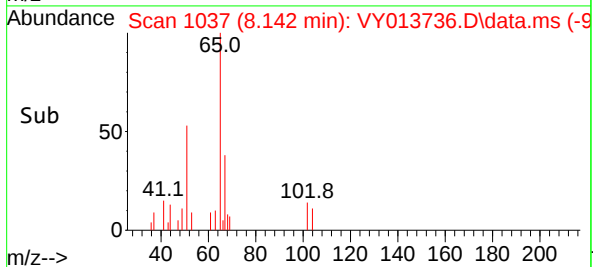
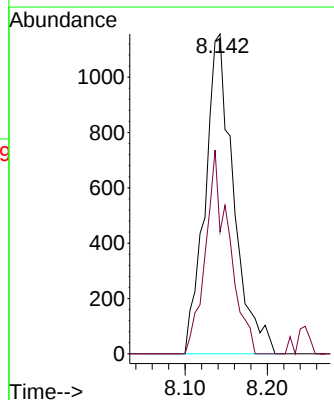
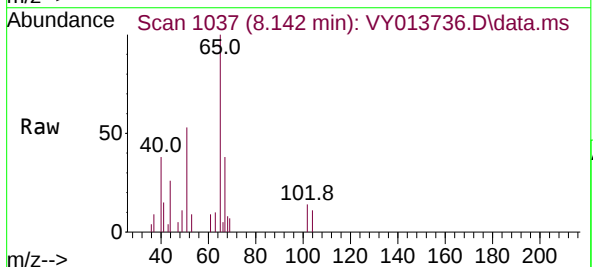
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

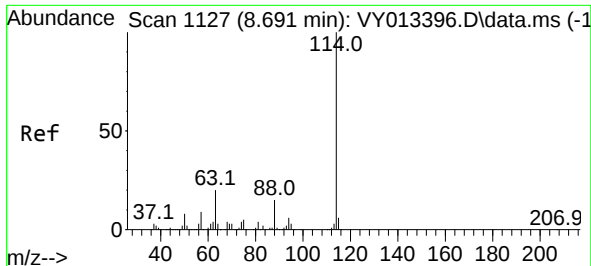
Tgt Ion:	84	Resp:	1588
Ion	Ratio	Lower	Upper
84	100		
49	114.9	88.0	132.0
51	36.7	27.4	41.0
86	80.6	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 58.318 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion:	65	Resp:	2779
Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VY013736.D

Acq: 15 May 2023 14:53

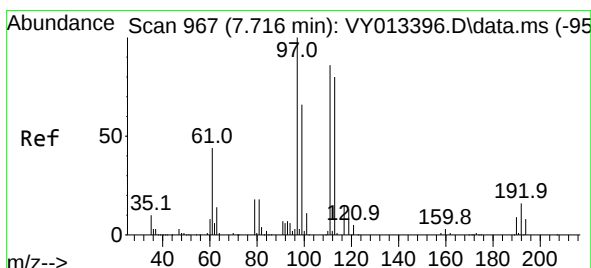
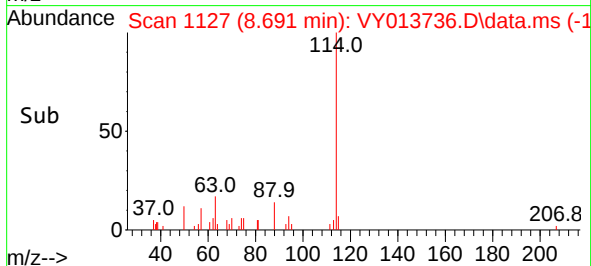
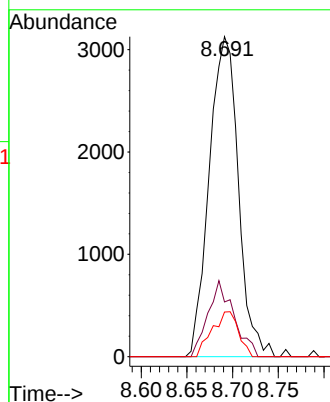
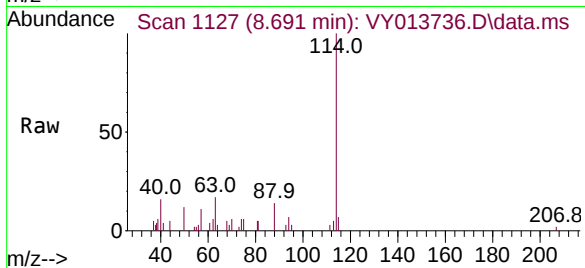
Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

Tgt Ion:114	Resp:	6922
Ion	Ratio	Lower Upper
114	100	
63	17.1	0.0 36.6
88	13.9	0.0 28.8



#35

Dibromofluoromethane

Concen: 54.782 ug/l

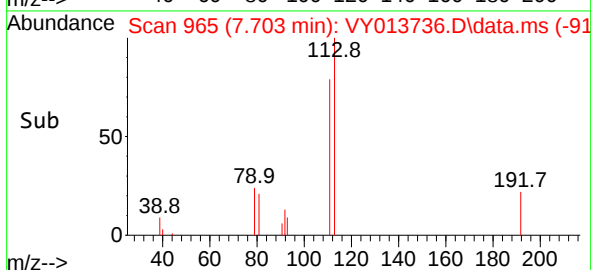
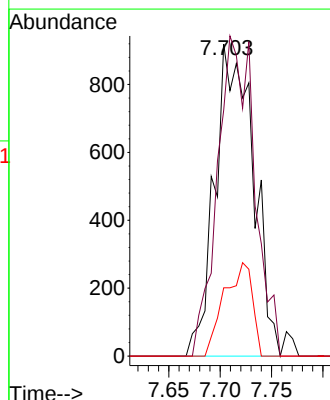
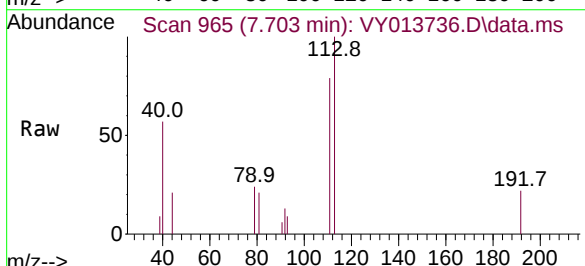
RT: 7.703 min Scan# 965

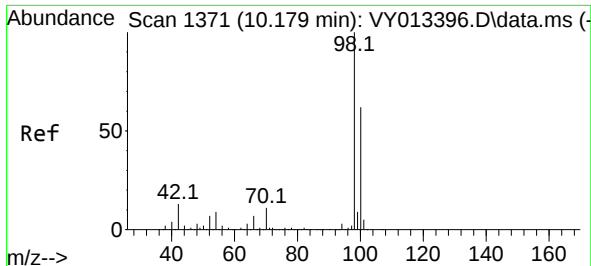
Delta R.T. -0.013 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion:113	Resp:	2385
Ion	Ratio	Lower Upper
113	100	
111	99.0	82.2 123.2
192	21.9	16.7 25.1

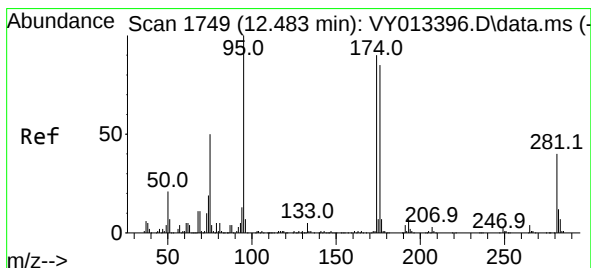
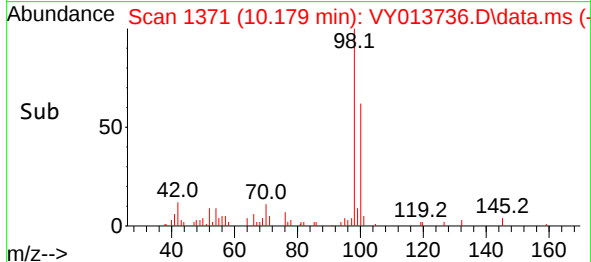
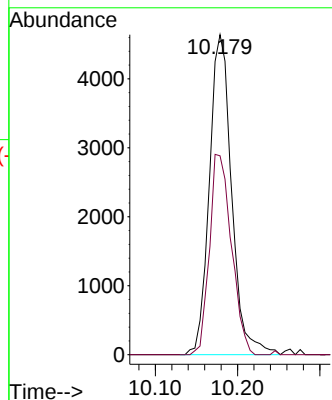
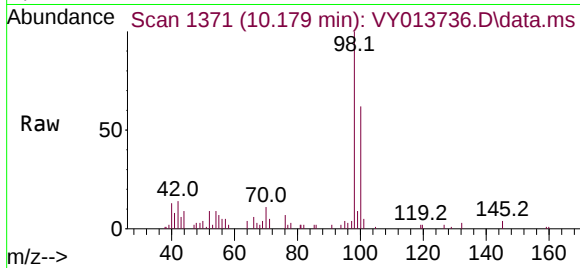




#50
Toluene-d8
Concen: 56.393 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

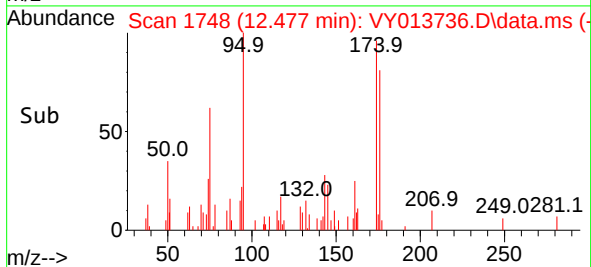
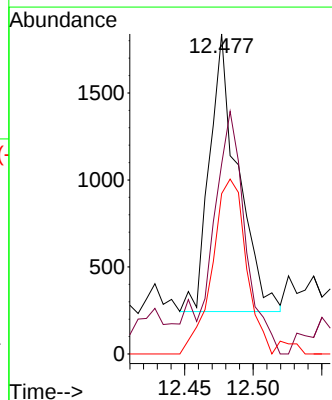
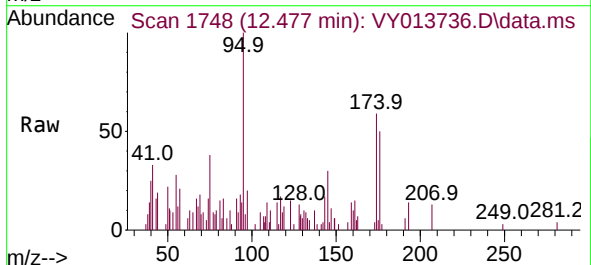
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-A-SLUDGE

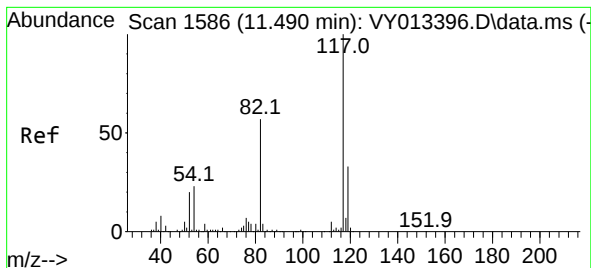
Tgt Ion: 98 Resp: 8734
Ion Ratio Lower Upper
98 100
100 61.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013736.D
Acq: 15 May 2023 14:53

Tgt Ion: 95 Resp: 2302
Ion Ratio Lower Upper
95 100
174 100.9 0.0 182.0
176 74.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

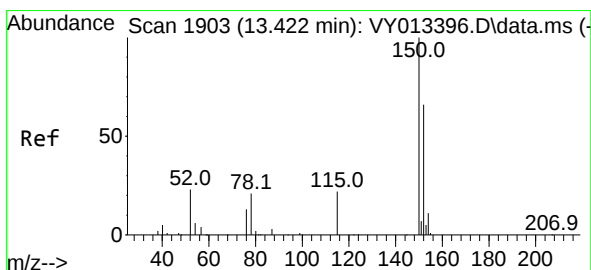
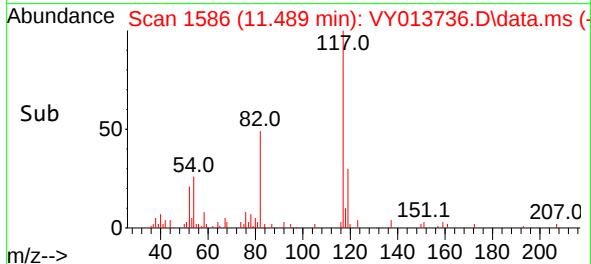
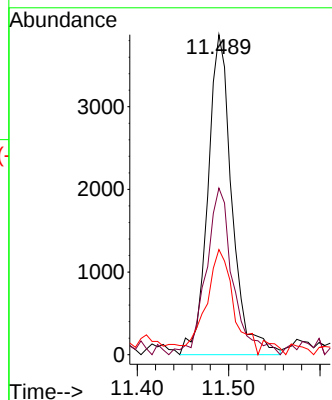
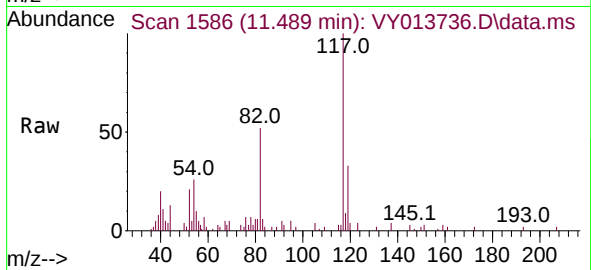
Instrument :

MSVOA_Y

ClientSampleId :

DRUM-A-SLUDGE

Tgt Ion:117	Resp:	7102
Ion	Ratio	Lower Upper
117	100	
82	52.1	43.0 64.6
119	30.9	25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013736.D

Acq: 15 May 2023 14:53

Tgt Ion:152	Resp:	2030
Ion	Ratio	Lower Upper
152	100	
115	46.0	28.1 84.2
150	129.6	0.0 352.0

