

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013027.D
 Acq On : 15 Sep 2019 07:27
 Operator : SY/VA
 Sample : K4857-04
 Misc : 7.70G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SLUDGE-COMP

Quant Time: Sep 16 09:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

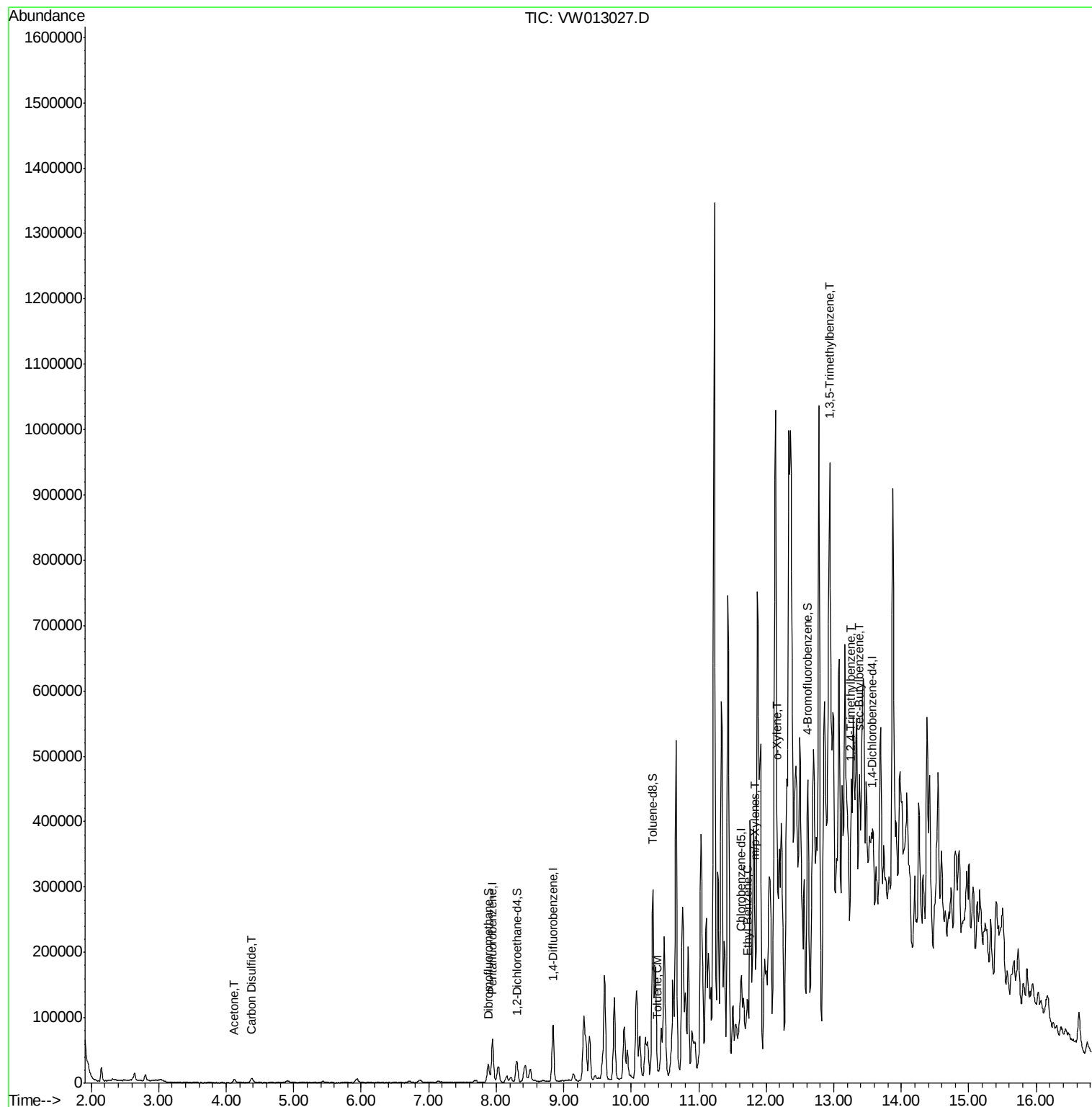
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	69666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	32221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	26585	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.88	113	20610	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	10.32	98	93422	63.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.32%	
62) 4-Bromofluorobenzene	12.62	95	50182	94.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.70%	
Target Compounds						
16) Acetone	4.12	43	8956	80.466	ug/l	92
17) Carbon Disulfide	4.37	76	7665	11.686	ug/l	96
52) Toluene	10.39	92	2287	2.316	ug/l	86
67) Ethyl Benzene	11.73	91	5924	3.304	ug/l	97
68) m/p-Xylenes	11.84	106	5676	8.665	ug/l	83
69) o-Xylene	12.16	106	3715	6.049	ug/l	39
80) 1,3,5-Trimethylbenzene	12.94	105	7710	4.267	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	22111	12.384	ug/l	97
85) sec-Butylbenzene	13.38	105	15123	6.868	ug/l #	51

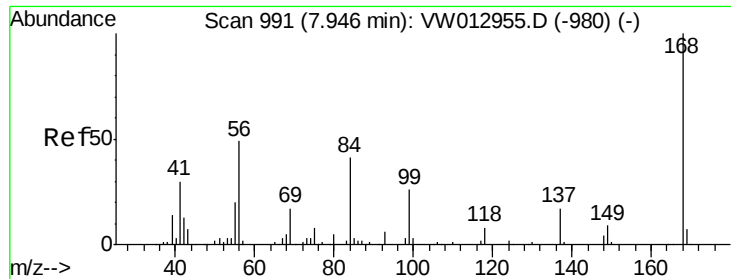
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013027.D

Acq: 15 Sep 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

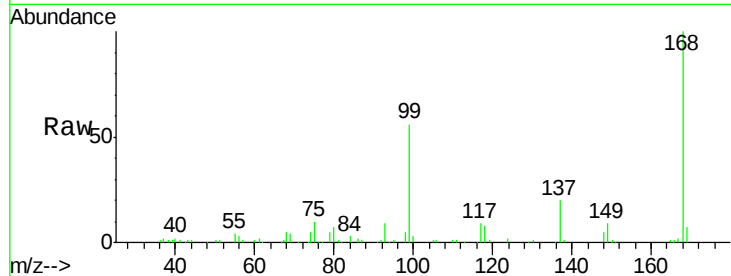
SLUDGE-COMP

Tot Ion:168 Resp: 47683

Ion Ratio Lower Upper

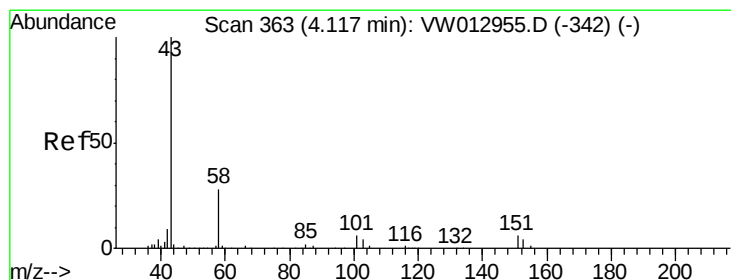
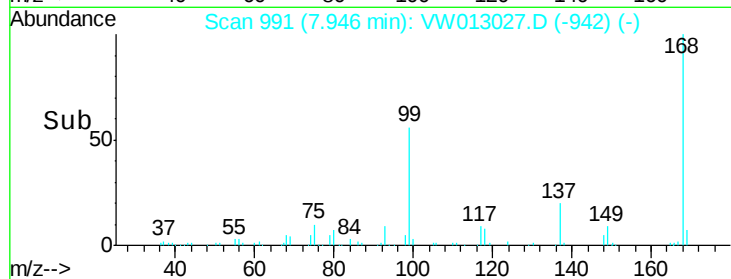
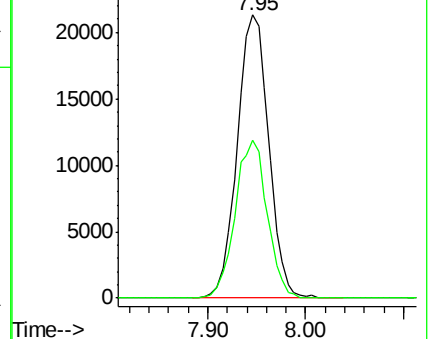
168 100

99 55.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 80.466 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013027.D

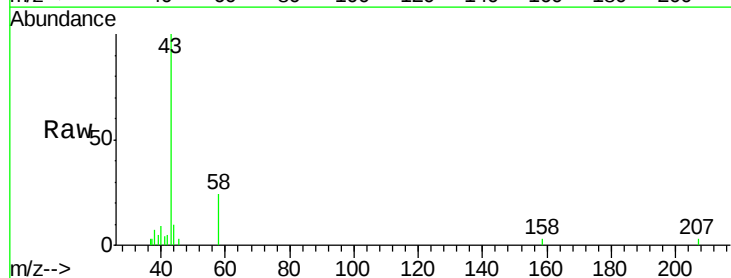
Acq: 15 Sep 2019 07:27

Tgt Ion: 43 Resp: 8956

Ion Ratio Lower Upper

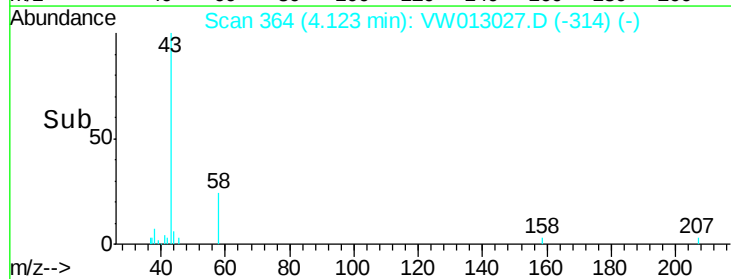
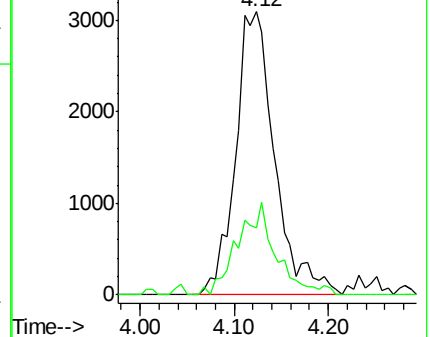
43 100

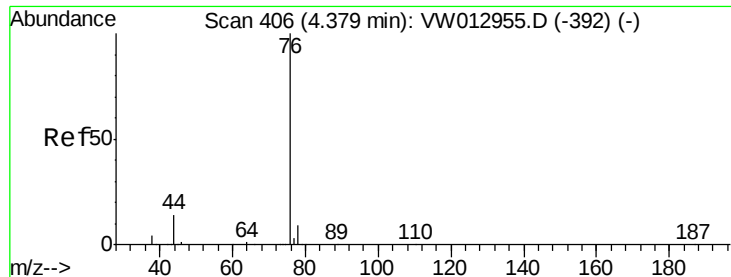
58 23.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

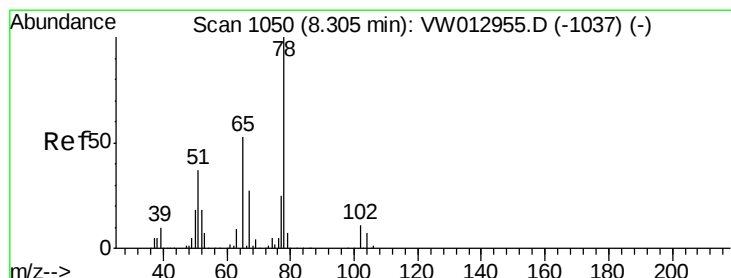
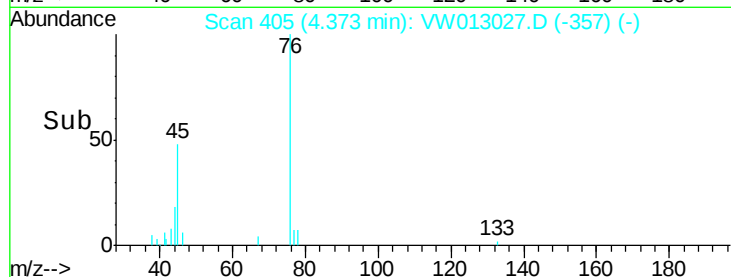
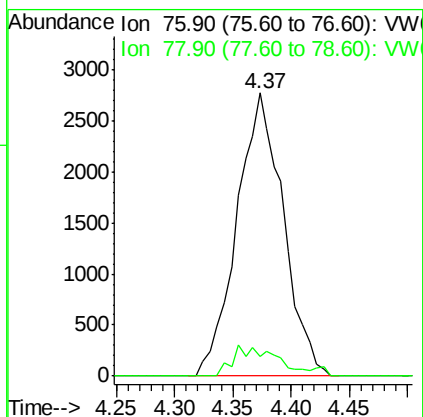
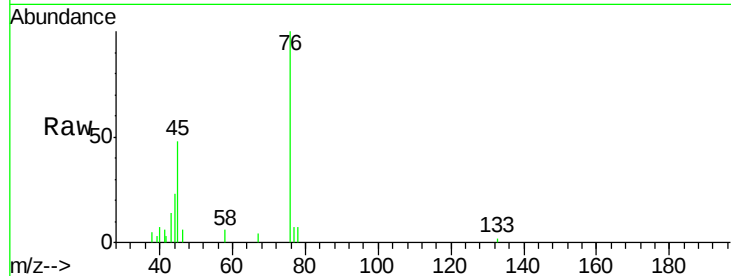




#17
Carbon Disulfide
Concen: 11.686 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

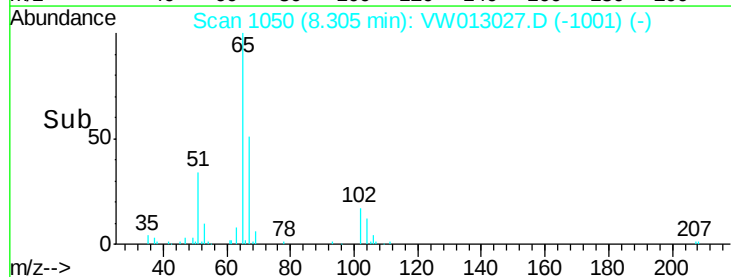
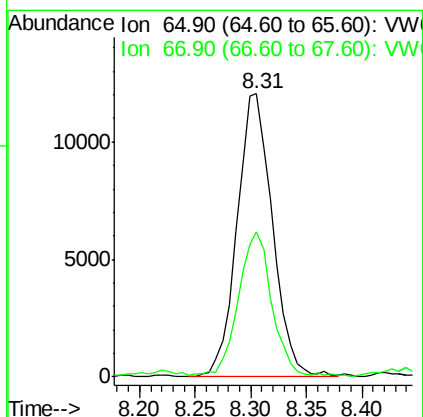
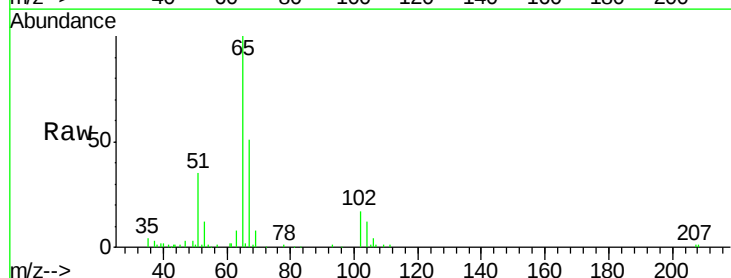
Instrument :
MSVOA_W
ClientSampleId :
SLUDGE-COMP

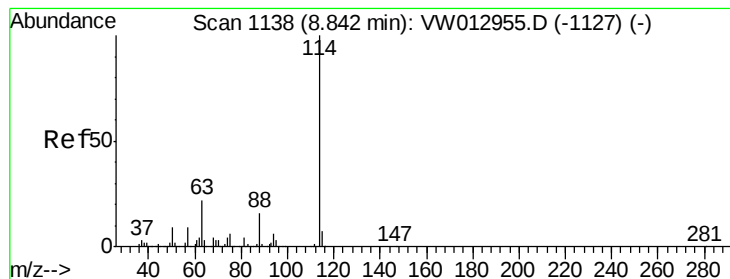
Tot Ion: 76 Resp: 7665
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 60.367 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

Tgt Ion: 65 Resp: 26585
Ion Ratio Lower Upper
65 100
67 47.6 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013027.D

Acq: 15 Sep 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

SLUDGE-COMP

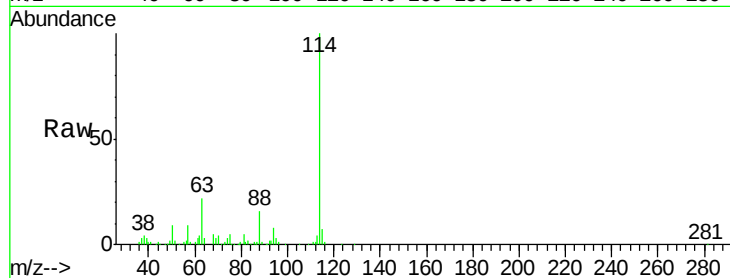
Tot Ion:114 Resp: 69666

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

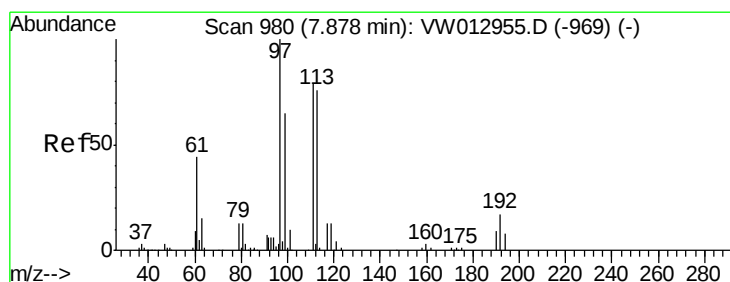
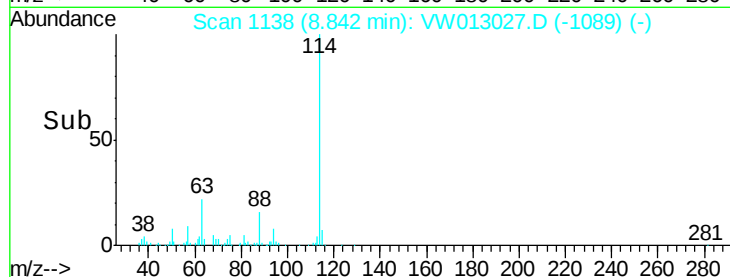
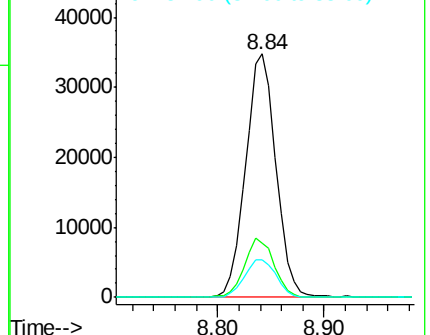
88 15.6 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.522 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW013027.D

Acq: 15 Sep 2019 07:27

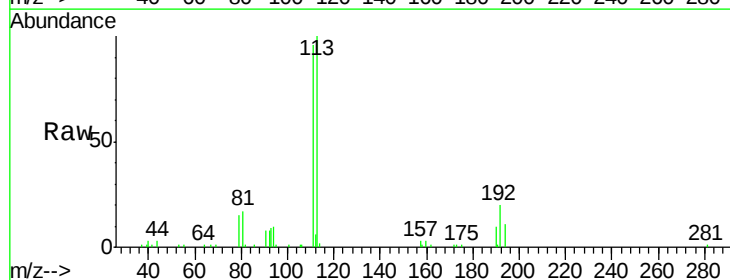
Tgt Ion:113 Resp: 20610

Ion Ratio Lower Upper

113 100

111 98.4 82.8 124.2

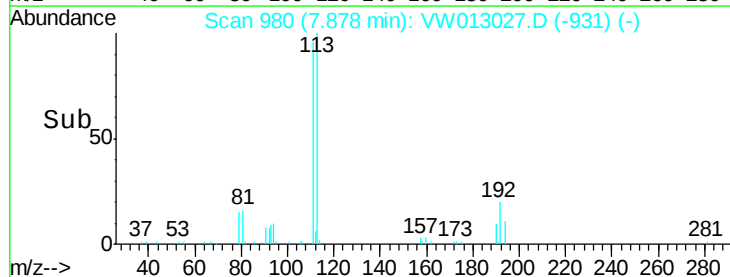
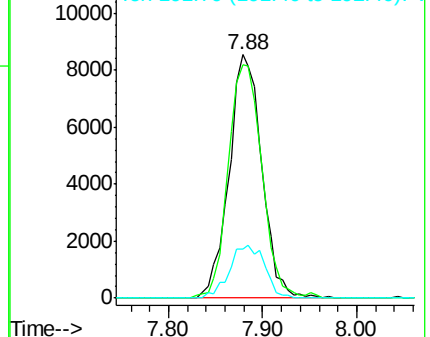
192 23.3 17.8 26.8

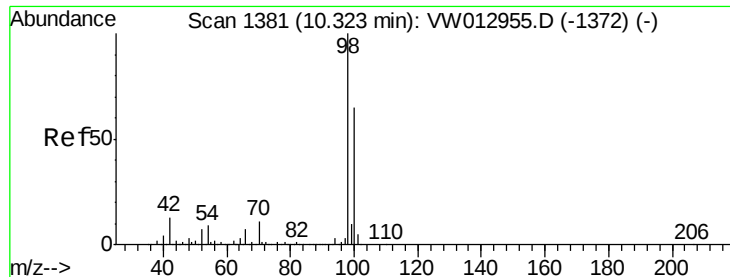


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 63.156 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013027.D

Acq: 15 Sep 2019 07:27

Instrument :

MSVOA_W

ClientSampleId :

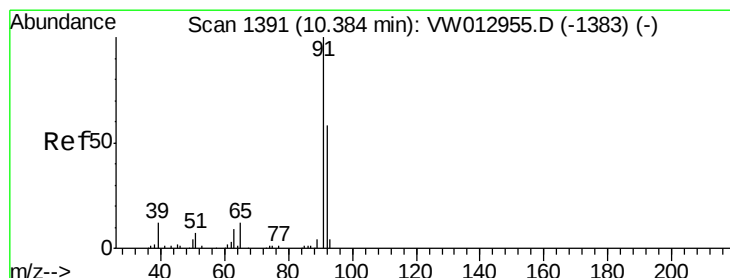
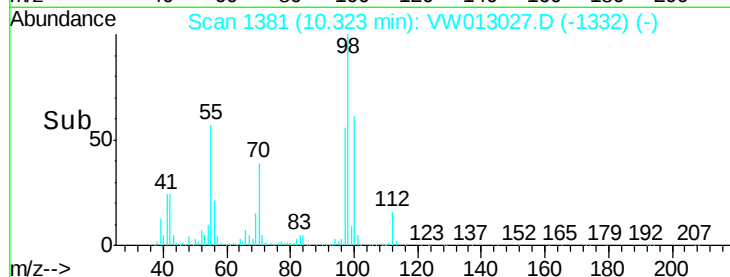
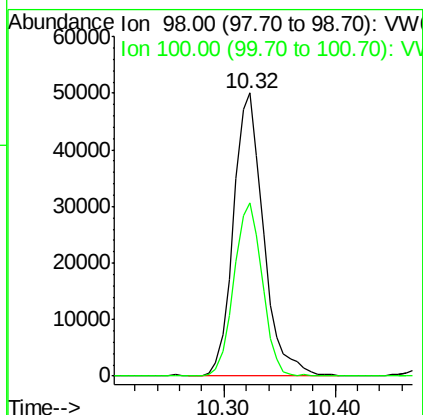
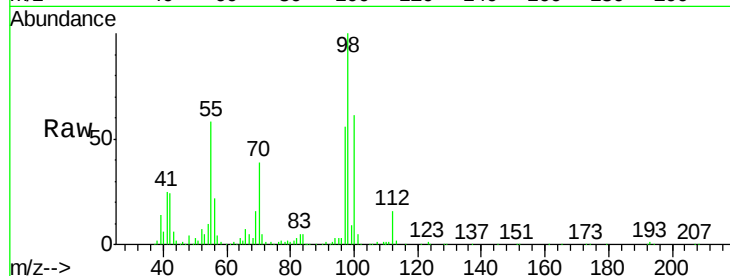
SLUDGE-COMP

Tot Ion: 98 Resp: 93422

Ion Ratio Lower Upper

98 100

100 57.8 52.1 78.1



#52

Toluene

Concen: 2.316 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013027.D

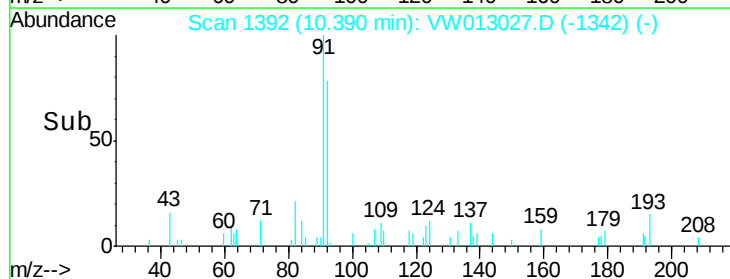
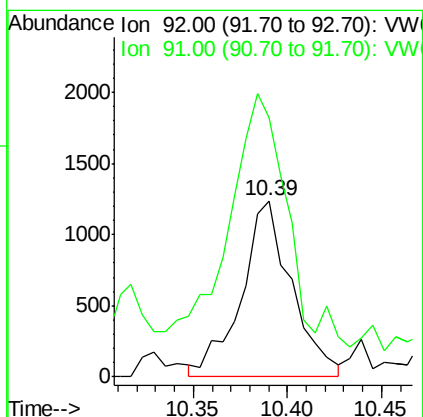
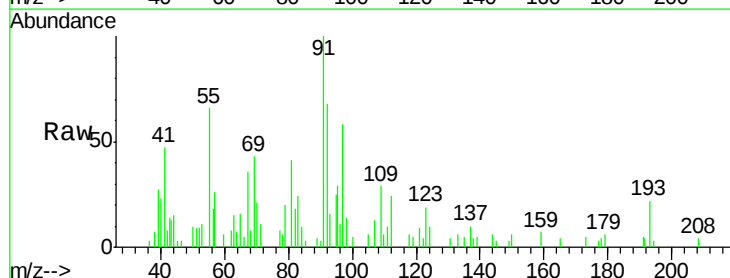
Acq: 15 Sep 2019 07:27

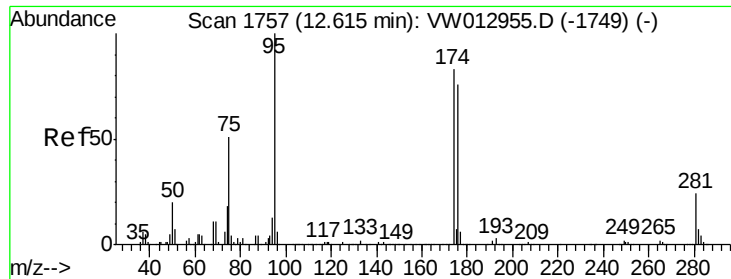
Tgt Ion: 92 Resp: 2287

Ion Ratio Lower Upper

92 100

91 152.0 137.5 206.3

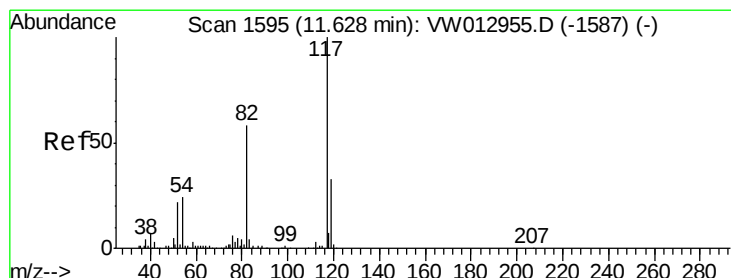
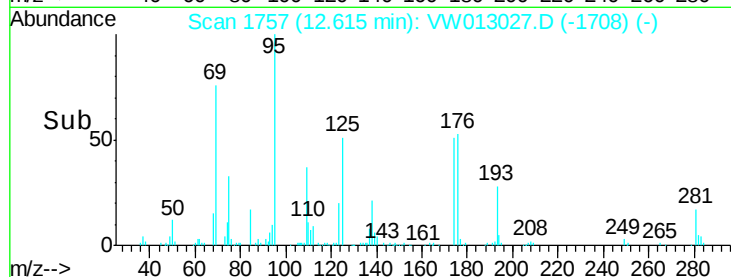
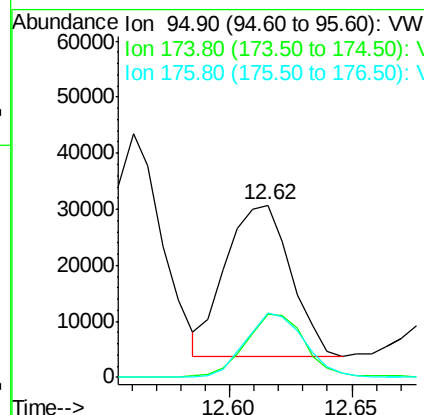
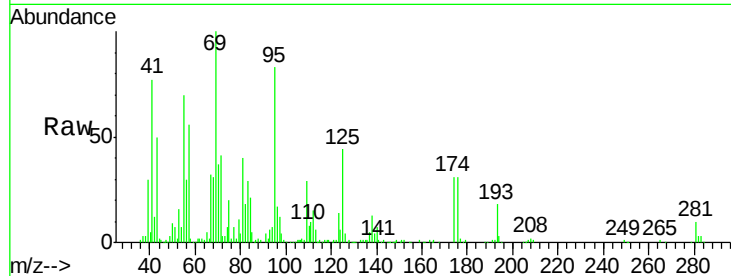




#62
4-Bromofluorobenzene
Concen: 94.346 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

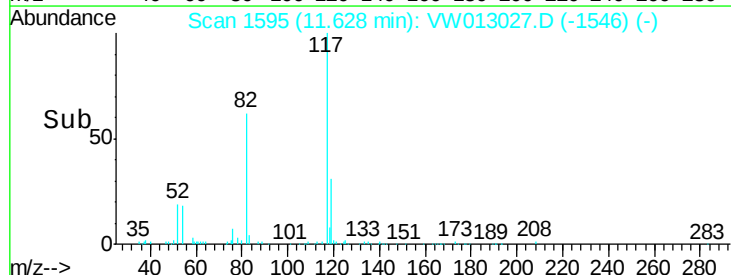
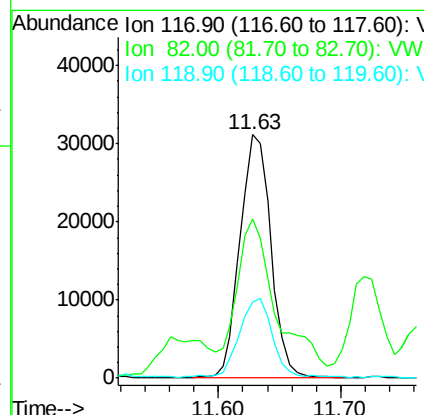
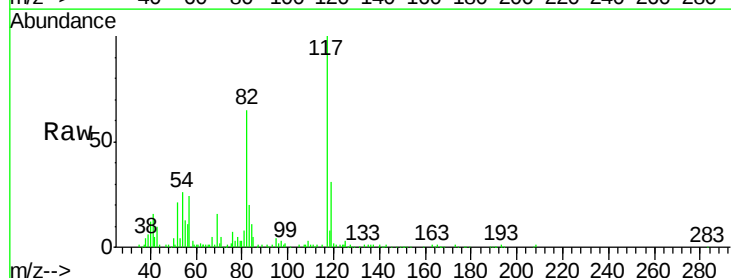
Instrument :
MSVOA_W
ClientSampleId :
SLUDGE-COMP

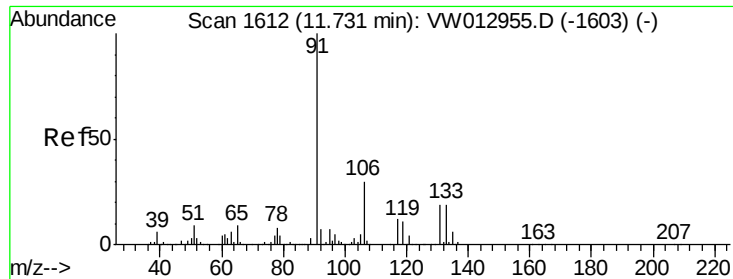
Tot Ion: 95 Resp: 50182
Ion Ratio Lower Upper
95 100
174 38.2 0.0 170.4
176 38.6 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

Tgt Ion: 117 Resp: 54507
Ion Ratio Lower Upper
117 100
82 54.0 46.3 69.5
119 30.7 26.2 39.4

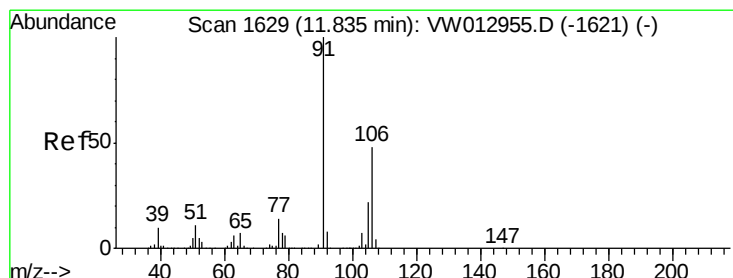
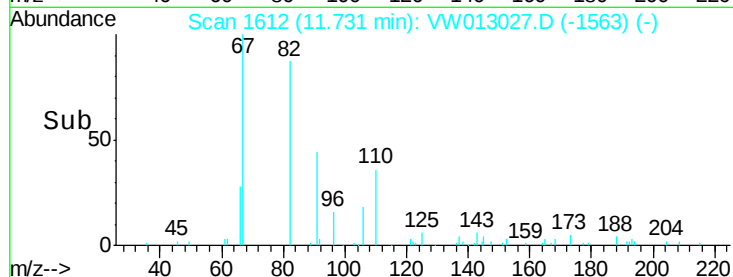
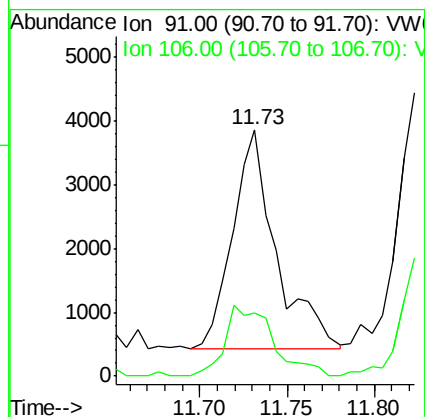
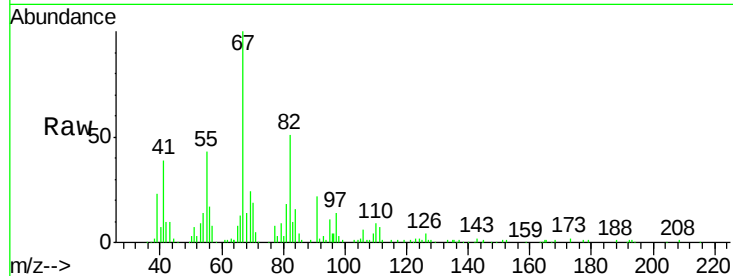




#67
Ethyl Benzene
Concen: 3.304 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

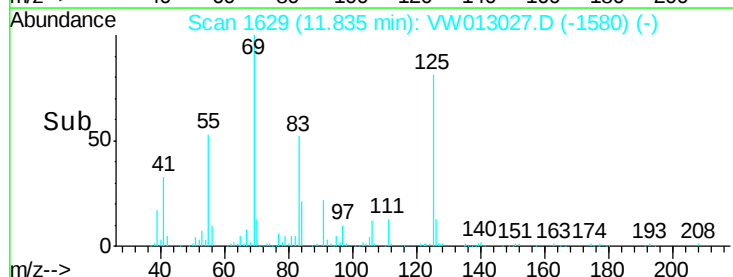
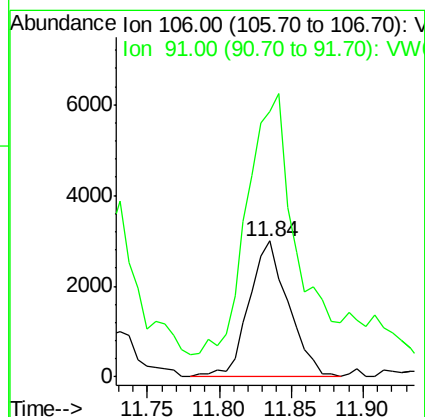
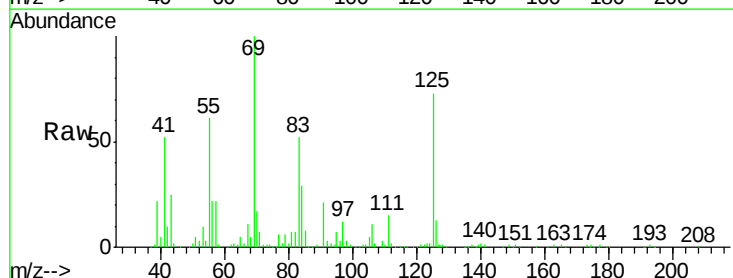
Instrument :
MSVOA_W
ClientSampleId :
SLUDGE-COMP

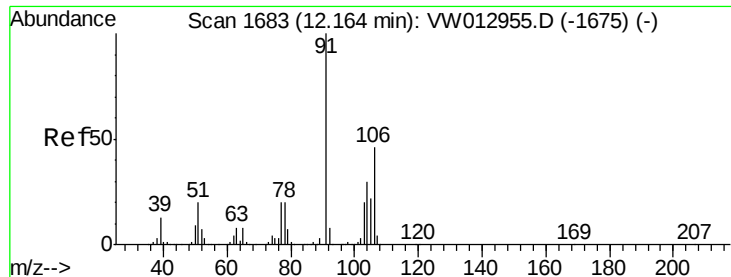
Tot Ion: 91 Resp: 5924
Ion Ratio Lower Upper
91 100
106 28.8 24.3 36.5



#68
m/p-Xylenes
Concen: 8.665 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

Tgt Ion: 106 Resp: 5676
Ion Ratio Lower Upper
106 100
91 234.2 165.8 248.8

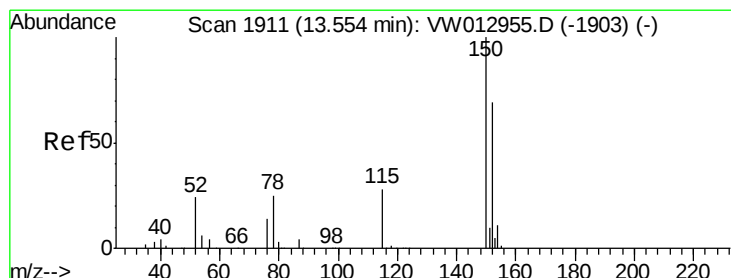
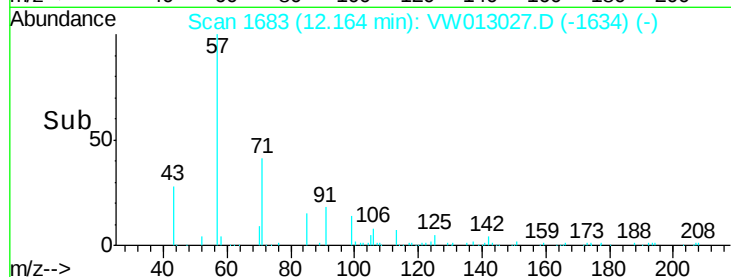
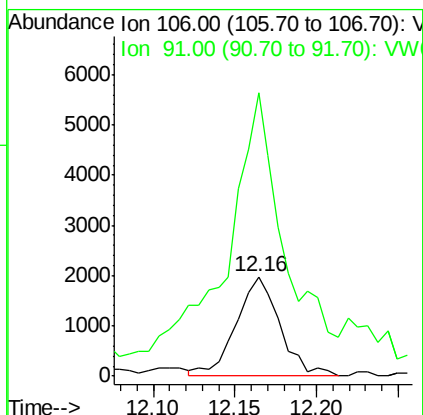
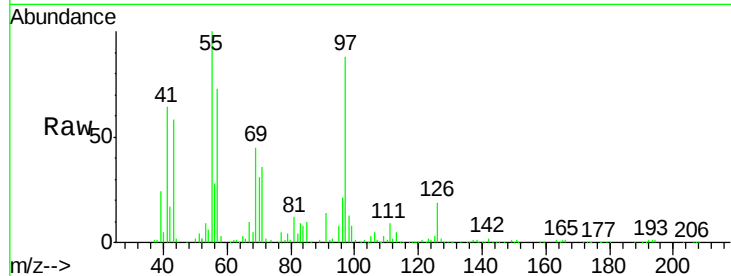




#69
o-Xylene
Concen: 6.049 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

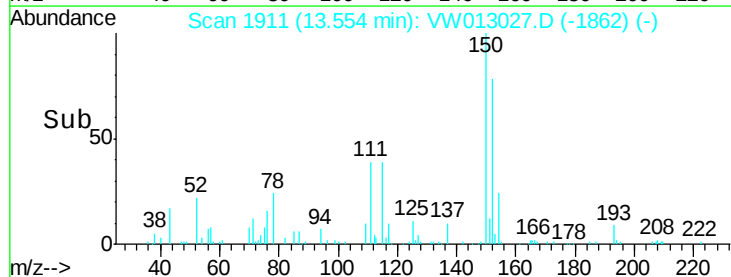
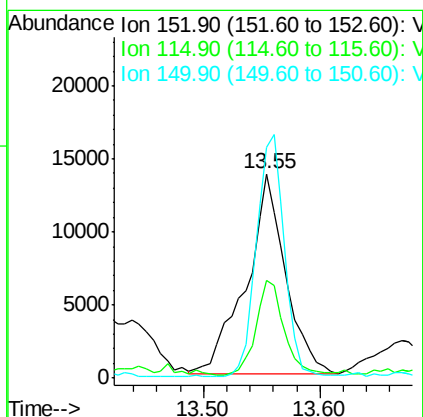
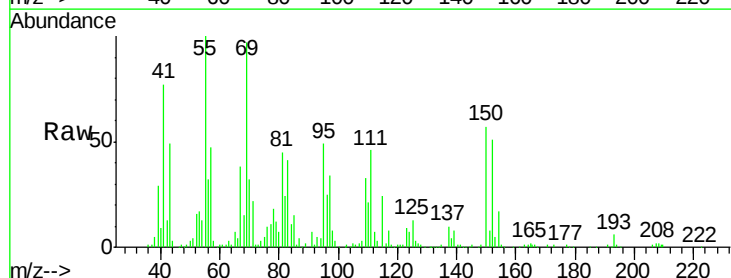
Instrument :
MSVOA_W
ClientSampleId :
SLUDGE-COMP

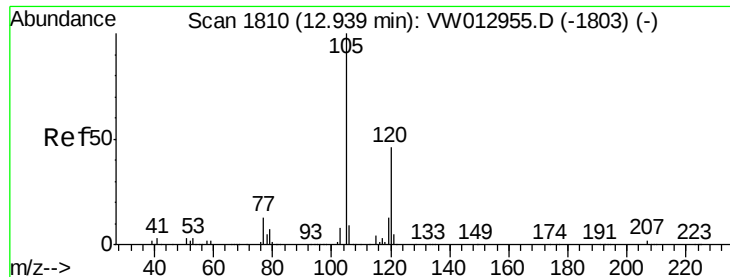
Tot Ion:106 Resp: 3715
Ion Ratio Lower Upper
106 100
91 317.9 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW013027.D
Acq: 15 Sep 2019 07:27

Tgt Ion:152 Resp: 32221
Ion Ratio Lower Upper
152 100
115 34.0 28.8 86.4
150 85.1 0.0 340.2

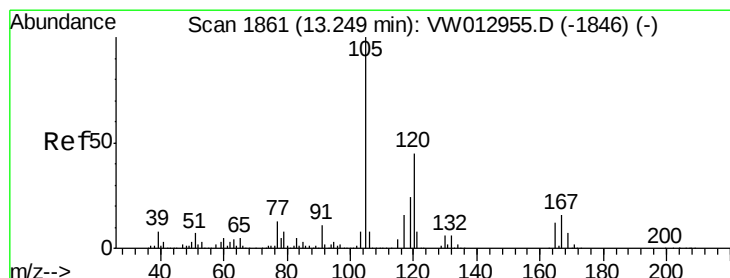
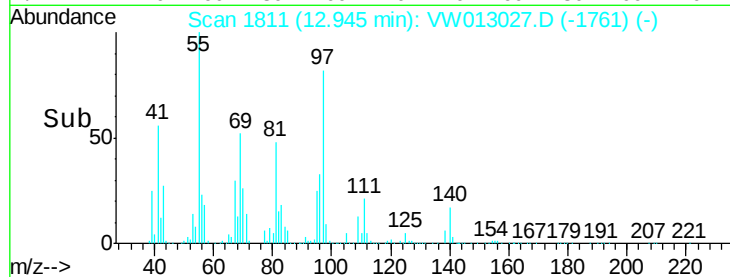
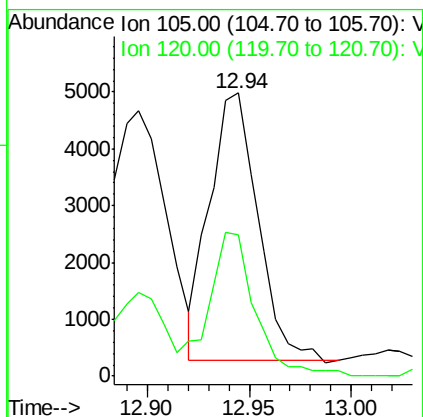
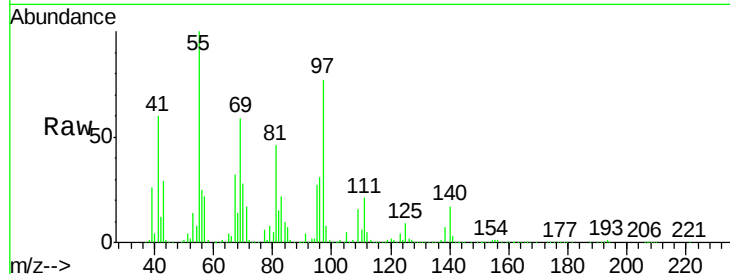




#80
 1,3,5-Trimethylbenzene
 Concen: 4.267 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW013027.D
 Acq: 15 Sep 2019 07:27

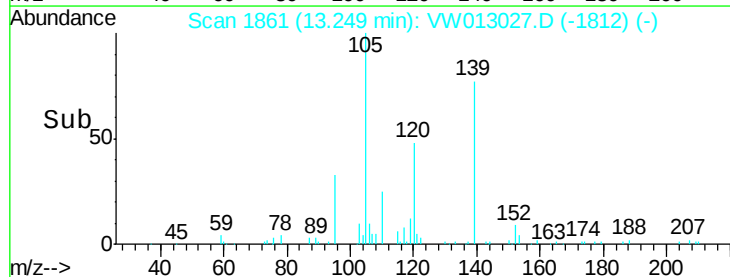
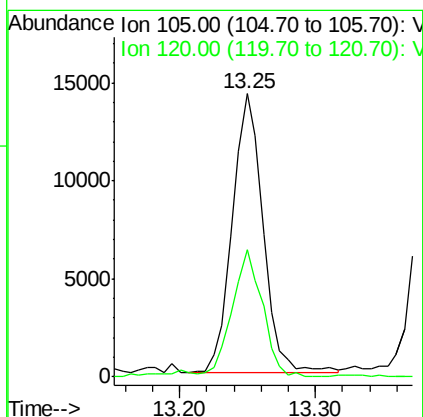
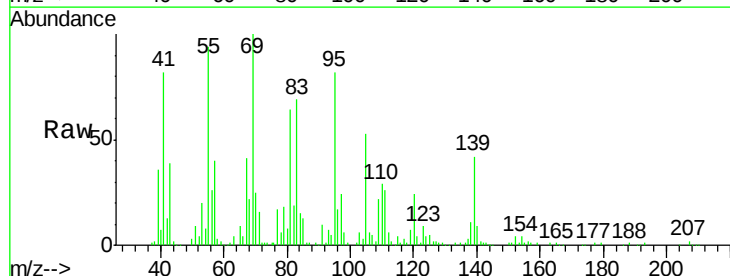
Instrument :
 MSVOA_W
 ClientSampled :
 SLUDGE-COMP

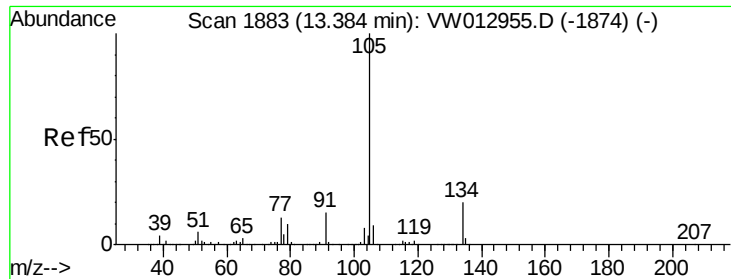
Tot Ion:105 Resp: 7710
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.2 72.6



#84
 1,2,4-Trimethylbenzene
 Concen: 12.384 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013027.D
 Acq: 15 Sep 2019 07:27

Tgt Ion:105 Resp: 22111
 Ion Ratio Lower Upper
 105 100
 120 45.7 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 6.868 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013027.D
 Acq: 15 Sep 2019 07:27

Instrument :
 MSVOA_W
 ClientSampleId :
 SLUDGE-COMP

Tot Ion:105 Resp: 15123
 Ion Ratio Lower Upper
 105 100
 134 42.8 10.2 30.4#

