

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF090718\
 Data File : VF060216.D
 Acq On : 7 Sep 2018 17:54
 Operator : VA/AP
 Sample : J4809-05
 Misc : 5.19g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MS-SLUDGE-V24129

Quant Time: Sep 11 15:26:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

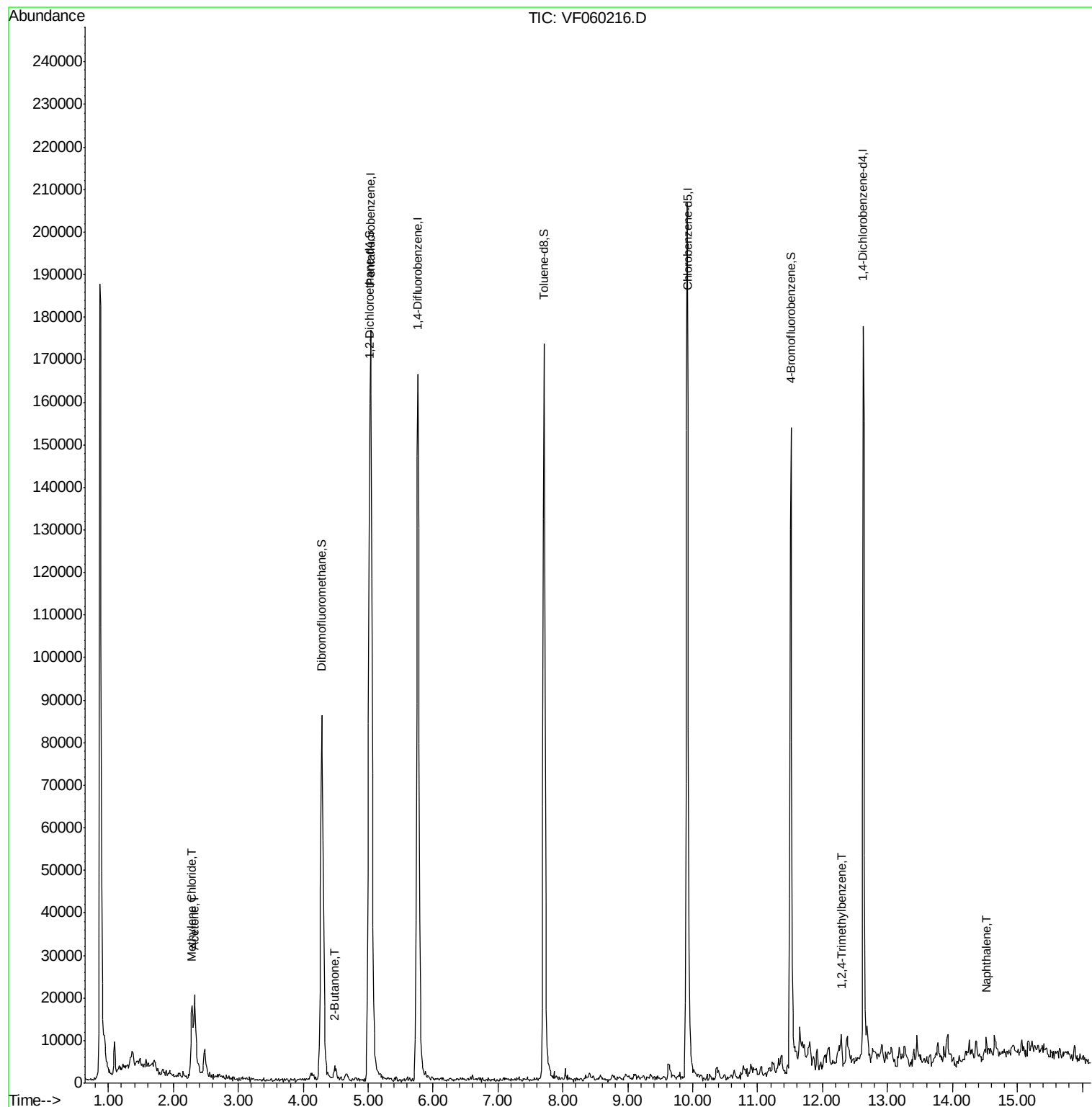
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	121540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	162589	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	128558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	43300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	88951	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.78%	
35) Dibromofluoromethane	4.29	113	75863	47.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	7.71	98	142987	35.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.94%	
62) 4-Bromofluorobenzene	11.51	95	51300	22.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.74%	
Target Compounds						
16) Acetone	2.33	43	24310	49.78	ug/l	97
20) Methylene Chloride	2.29	84	11994	3.24	ug/l	96
25) 2-Butanone	4.48	43	5991	10.04	ug/l #	89
84) 1,2,4-Trimethylbenzene	12.29	105	2683	1.00	ug/l	83
95) Naphthalene	14.52	128	2098	3.82	ug/l #	92

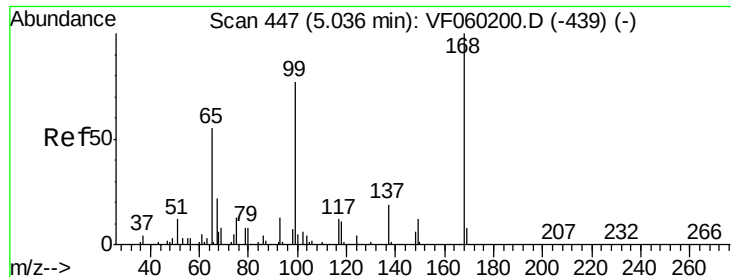
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060216.D

Acq: 7 Sep 2018 17:54

Instrument :

MSVOA_F

ClientSampleId :

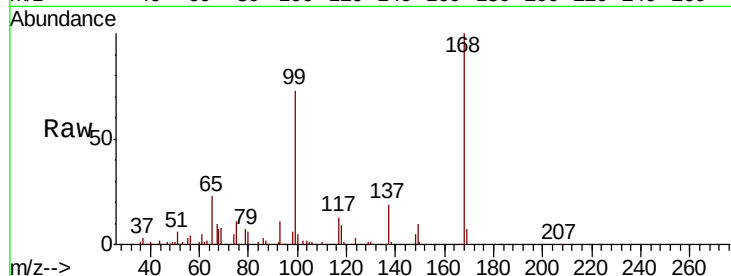
MS-SLUDGE-V24129

Tot Ion:168 Resp: 121540

Ion Ratio Lower Upper

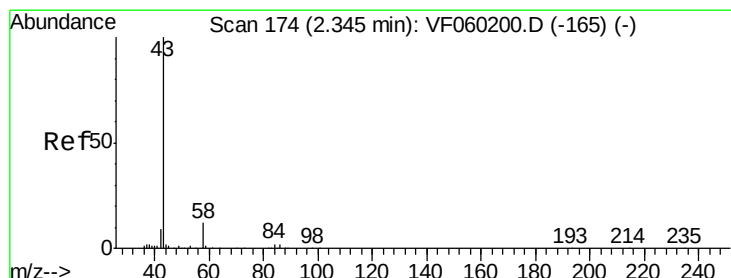
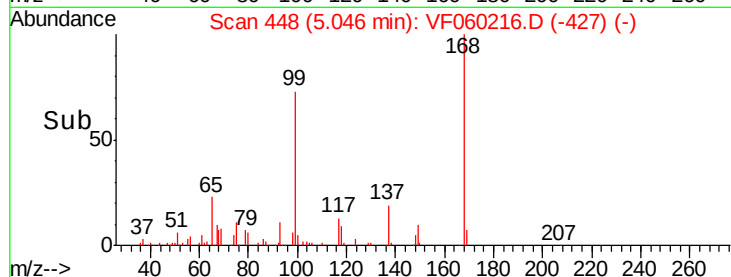
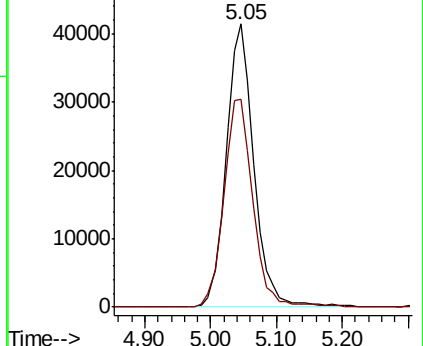
168 100

99 73.3 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 49.78 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.02 min

Lab File: VF060216.D

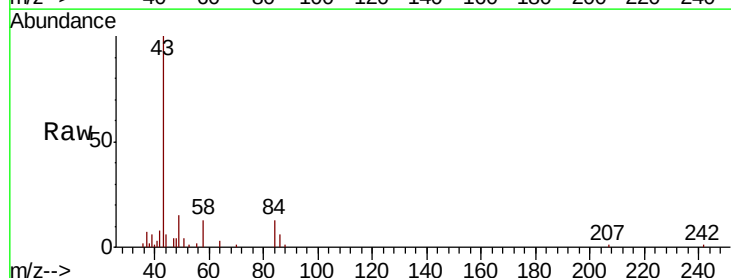
Acq: 7 Sep 2018 17:54

Tgt Ion: 43 Resp: 24310

Ion Ratio Lower Upper

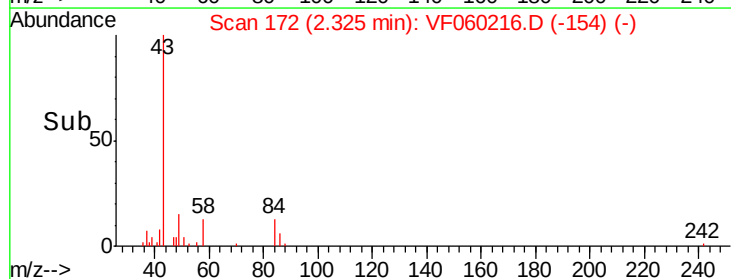
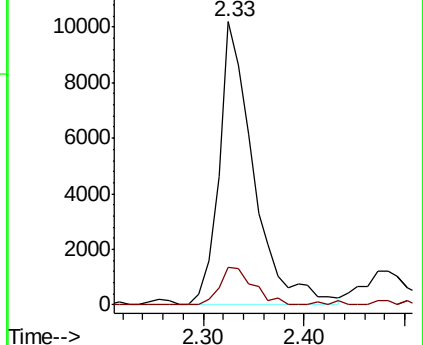
43 100

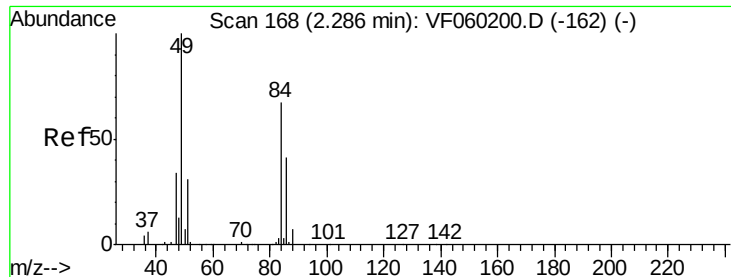
58 13.4 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

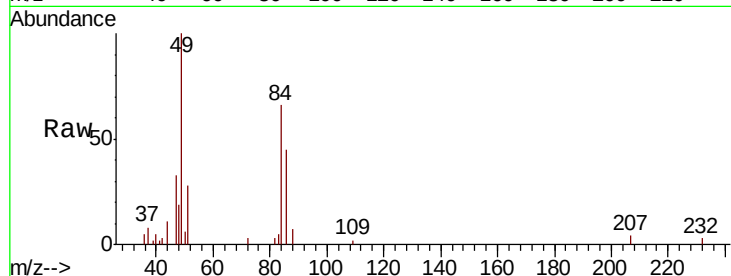




#20
Methylene Chloride
Concen: 3.24 ug/l
RT: 2.29 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tot Ion:	84	Resp:	11994
Ion	Ratio	Lower	Upper
84	100		
49	151.1	120.1	180.1
51	42.3	37.0	55.6
86	67.8	49.0	73.6



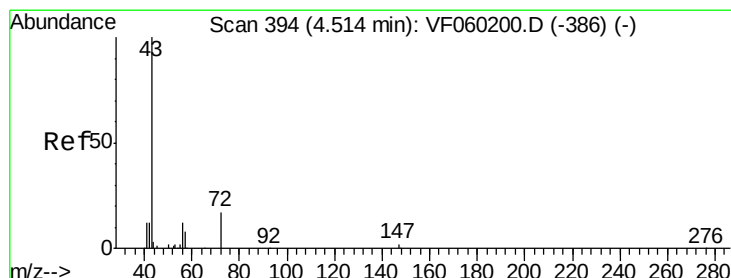
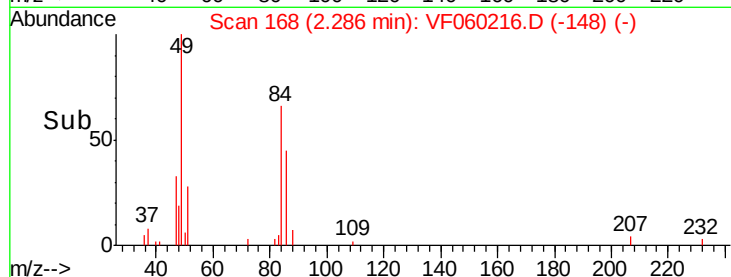
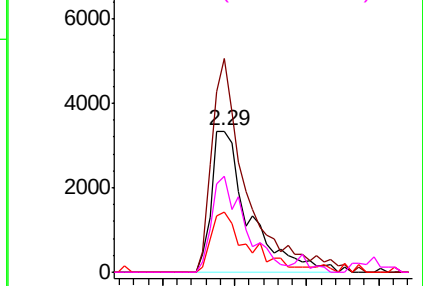
Abundance

Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

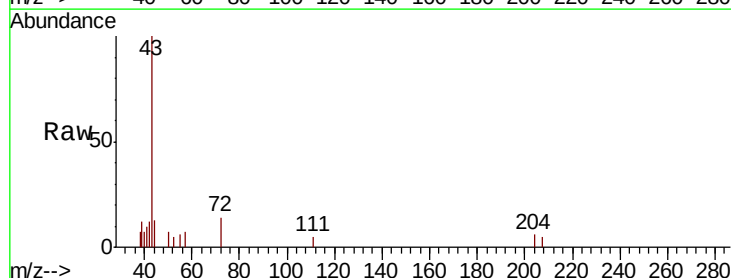
Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25
2-Butanone
Concen: 10.04 ug/l
RT: 4.48 min Scan# 391
Delta R.T. -0.03 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

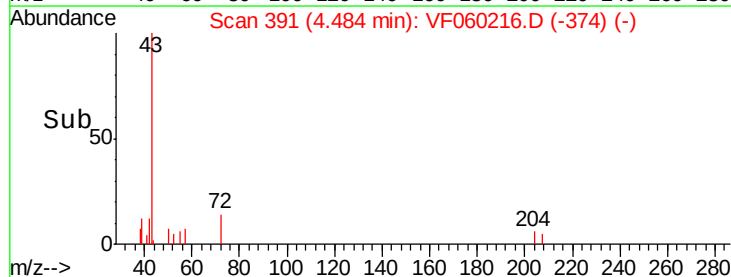
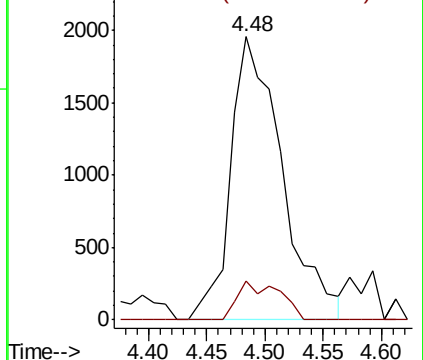
Tgt Ion:	43	Resp:	5991
Ion	Ratio	Lower	Upper
43	100		
72	13.7	14.8	22.2#

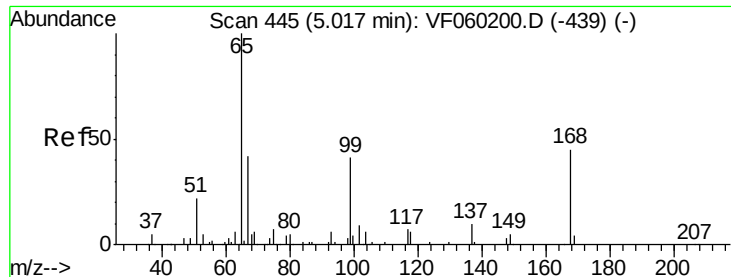


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

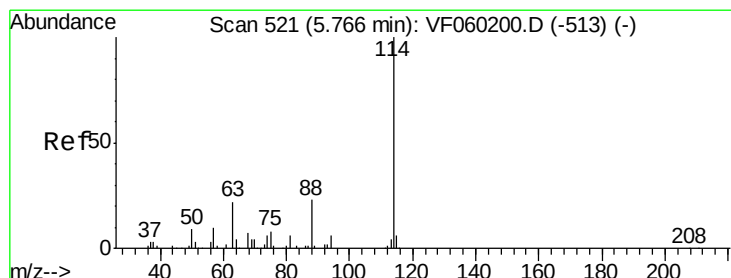
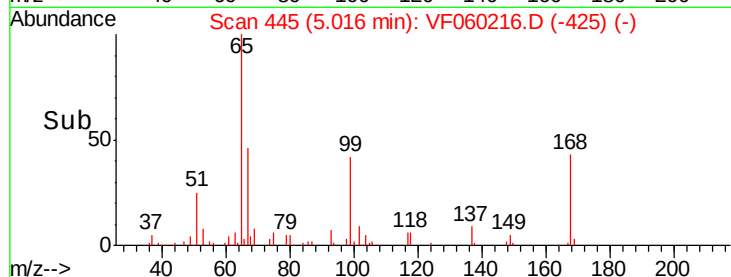
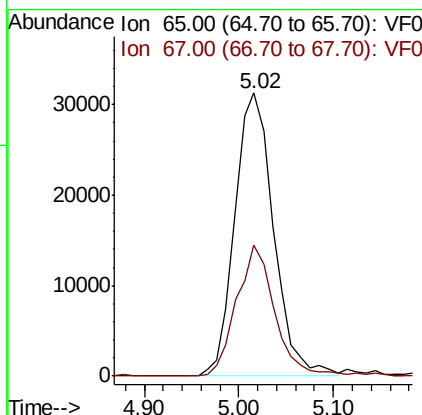
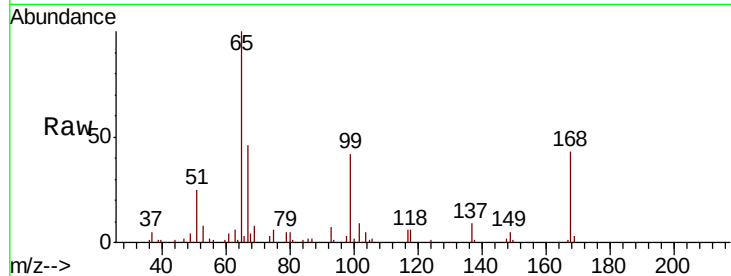




#33
 1,2-Dichloroethane-d4
 Concen: 41.89 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: VF060216.D
 Acq: 7 Sep 2018 17:54

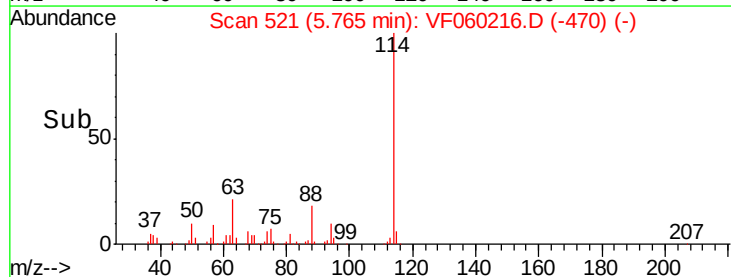
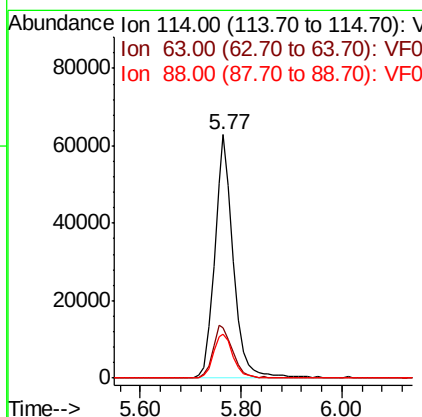
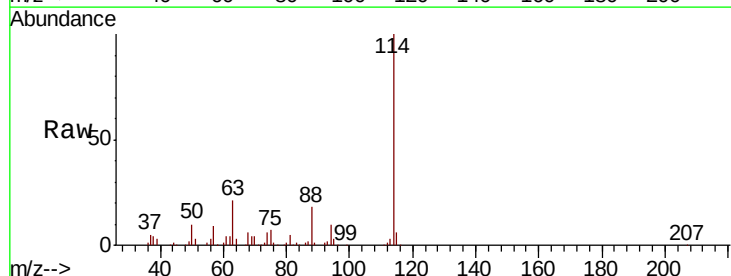
Instrument :
 MSVOA_F
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 MS-SLUDGE-V24129

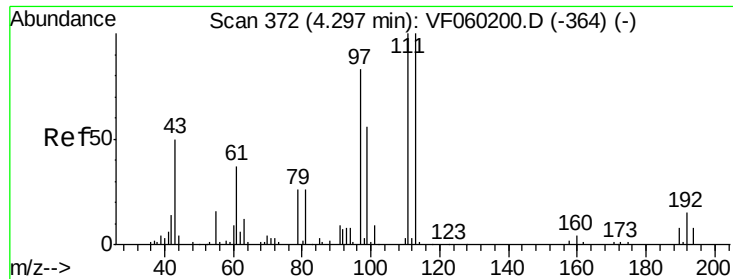
Tot Ion: 65 Resp: 88951
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: VF060216.D
 Acq: 7 Sep 2018 17:54

Tgt Ion: 114 Resp: 162589
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.6
 88 18.1 0.0 46.4

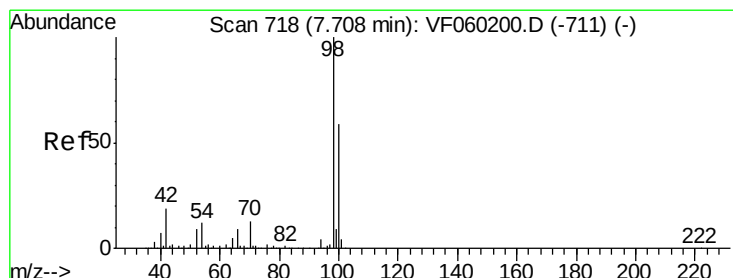
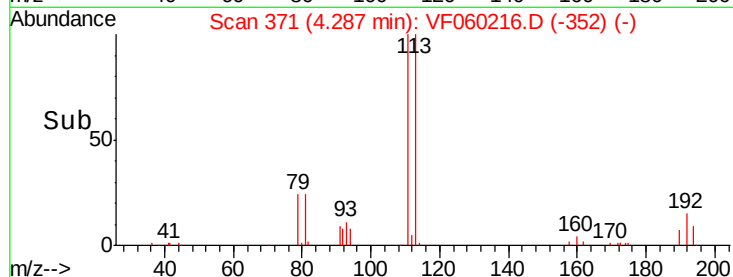
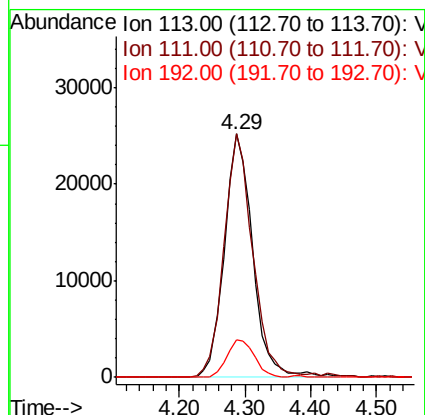
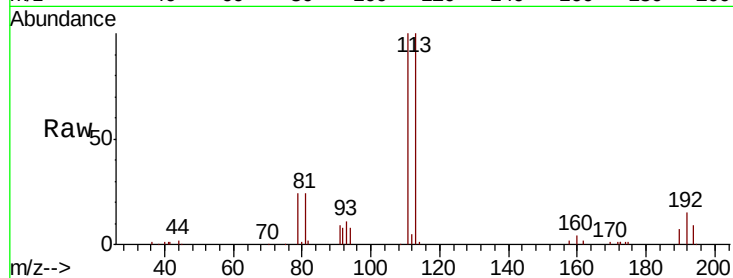




#35
 Dibromofluoromethane
 Concen: 47.63 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060216.D
 Acq: 7 Sep 2018 17:54

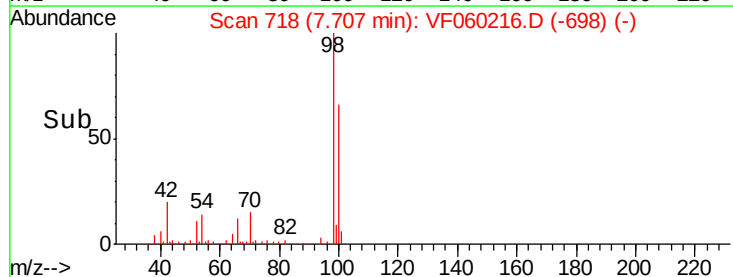
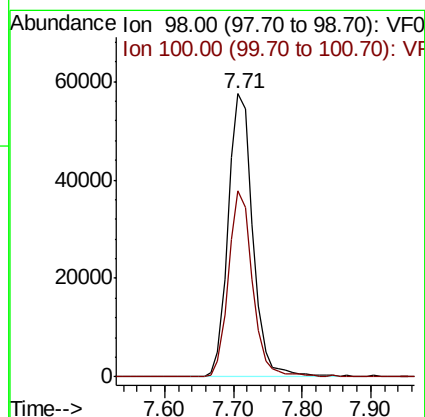
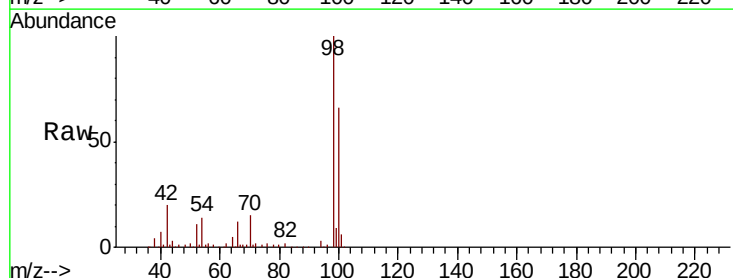
Instrument :
 MSVOA_F
 ClientSampleId :
 MS-SLUDGE-V24129

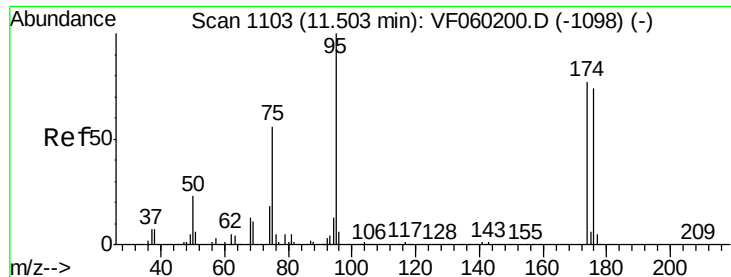
Tot Ion:113 Resp: 75863
 Ion Ratio Lower Upper
 113 100
 111 99.9 80.2 120.2
 192 15.4 11.8 17.8



#50
 Toluene-d8
 Concen: 35.97 ug/l
 RT: 7.71 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VF060216.D
 Acq: 7 Sep 2018 17:54

Tgt Ion: 98 Resp: 142987
 Ion Ratio Lower Upper
 98 100
 100 65.8 47.4 71.0

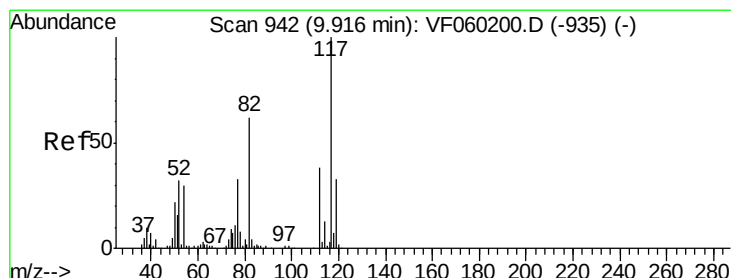
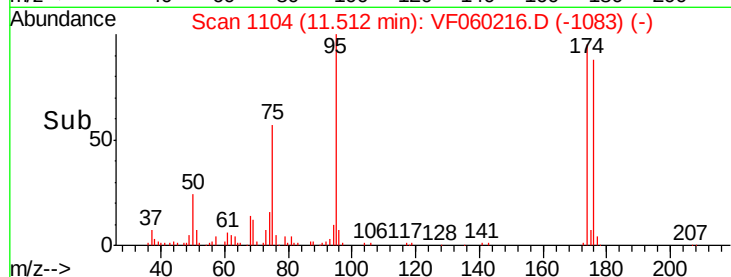
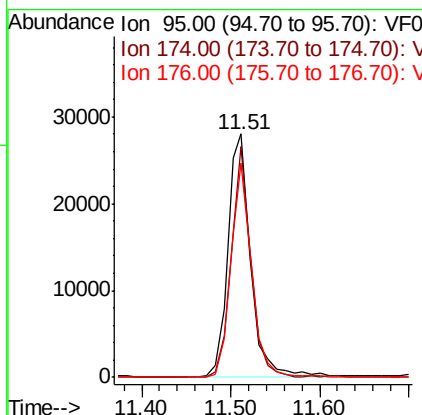
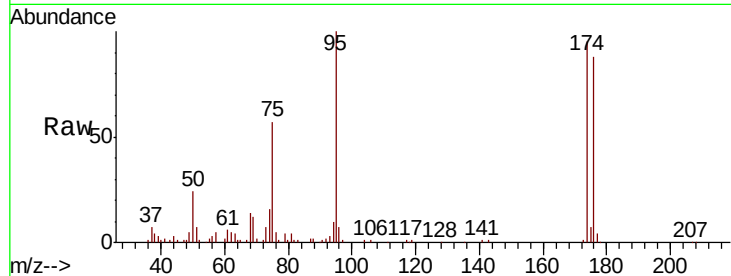




#62
4-Bromofluorobenzene
Concen: 22.87 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

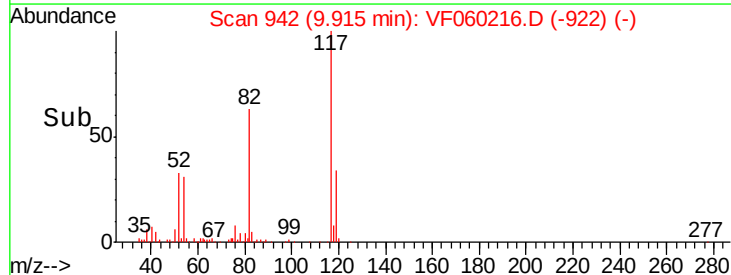
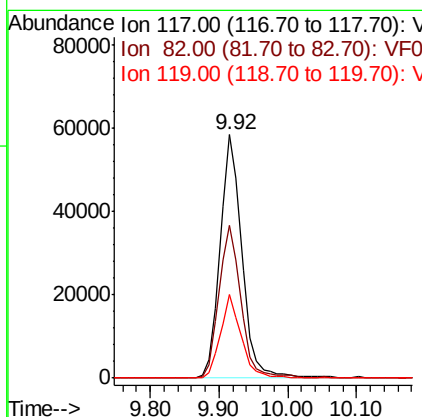
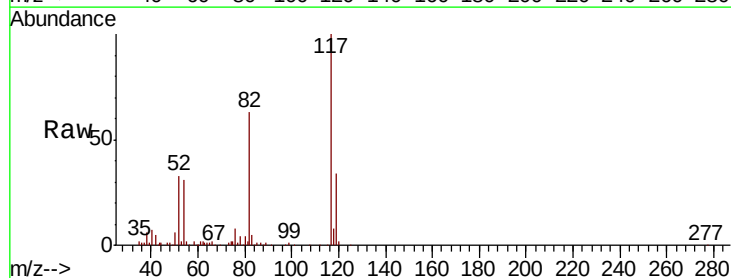
Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

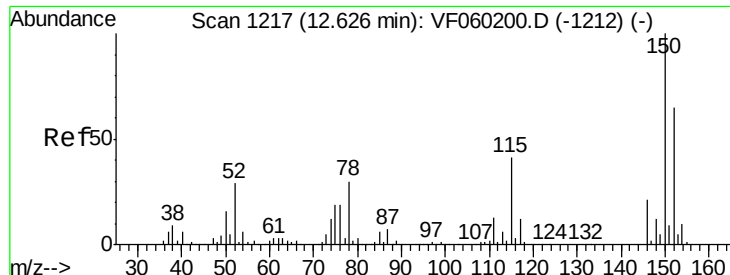
Tot Ion: 95 Resp: 51300
Ion Ratio Lower Upper
95 100
174 95.1 0.0 153.2
176 88.1 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 117 Resp: 128558
Ion Ratio Lower Upper
117 100
82 62.8 49.3 73.9
119 34.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF060216.D

Acq: 7 Sep 2018 17:54

Instrument :

MSVOA_F

ClientSampleId :

MS-SLUDGE-V24129

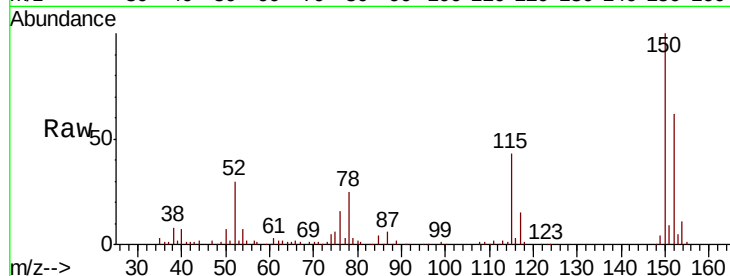
Tot Ion:152 Resp: 43300

Ion Ratio Lower Upper

152 100

115 69.4 31.5 94.5

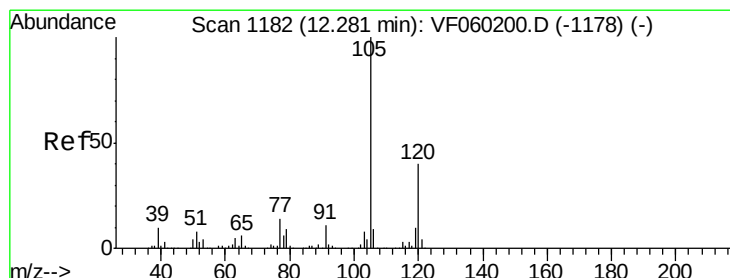
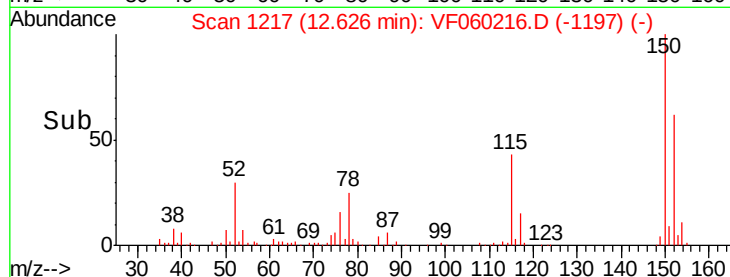
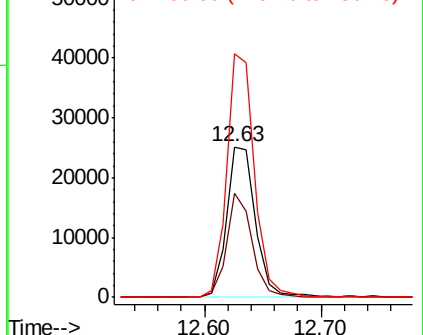
150 162.0 0.0 310.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.00 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VF060216.D

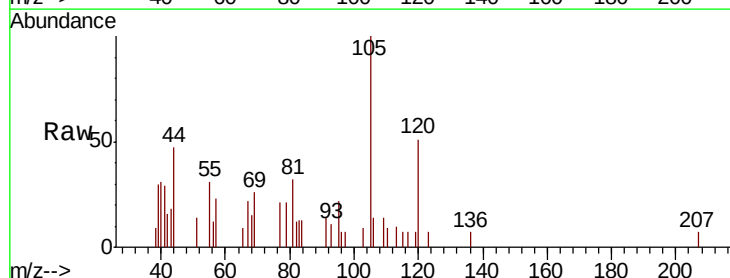
Acq: 7 Sep 2018 17:54

Tgt Ion:105 Resp: 2683

Ion Ratio Lower Upper

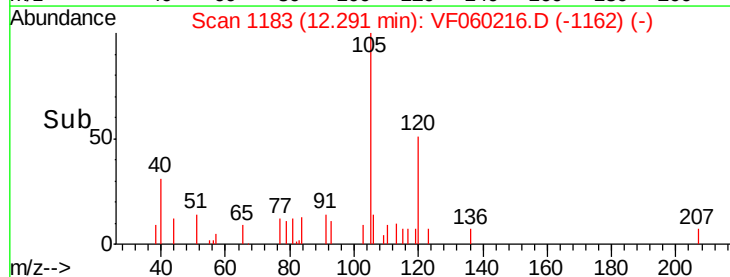
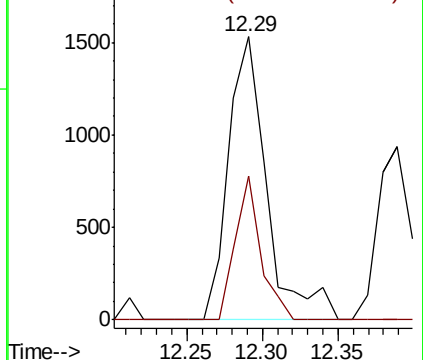
105 100

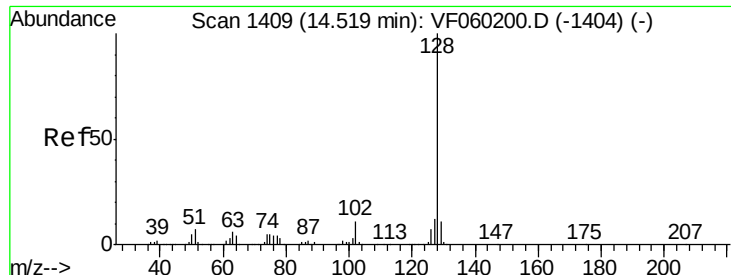
120 50.9 20.2 60.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.82 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VF060216.D

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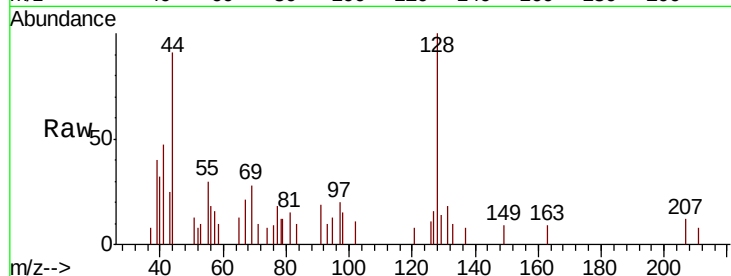
Tot Ion:128 Resp: 2098

Ion Ratio Lower Upper

128 100

127 16.1 9.9 14.9#

129 13.7 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

