Quantitation Report (Not Reviewed)

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 07 23:25:33 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						Qvalue
3) Chloromethane	1.07	50	1324	1.084	ug/l	96
11) Tert butyl alcohol	2.70	59	89	13.187	ug/l #	75
13) Acrolein	2.10	56	177	Below Cal	#	72
16) Acetone	2.33	43	24310	49.782	ug/l	97
17) Carbon Disulfide	1.84	76	2659	1.044	ug/l #	72
18) Methyl Acetate	2.47	43	3416	4.761	ug/l #	64
20) Methylene Chloride	2.29	84	11994	3.239	ug/l	96
23) Vinyl Acetate	3.23	43	169	22.908	ug/l #	82
25) 2-Butanone	4.48	43	5991	10.039	ug/l #	89
26) 2,2-Dichloropropane	3.87	77	72	2.057	ug/l #	64
29) Tetrahydrofuran	4.24	42	442	2.240	ug/l #	65
37) Ethyl Acetate	4.25	43	361	Below Cal	#	17
51) 4-Methyl-2-Pentanone	8.41	43	1077	1.089	ug/l #	42
59) 2-Hexanone	9.63	43	4248	4.591	ug/l	94
74) N-amyl acetate	11.46	43	925	6.201	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	11.78	83	793	1.766	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.86	75	80	3.226	ug/l #	9
84) 1,2,4-Trimethylbenzene	12.29	105	2683	1.002	ug/l	83
95) Naphthalene	14.52	128	2098	3.824	ug/l #	92

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

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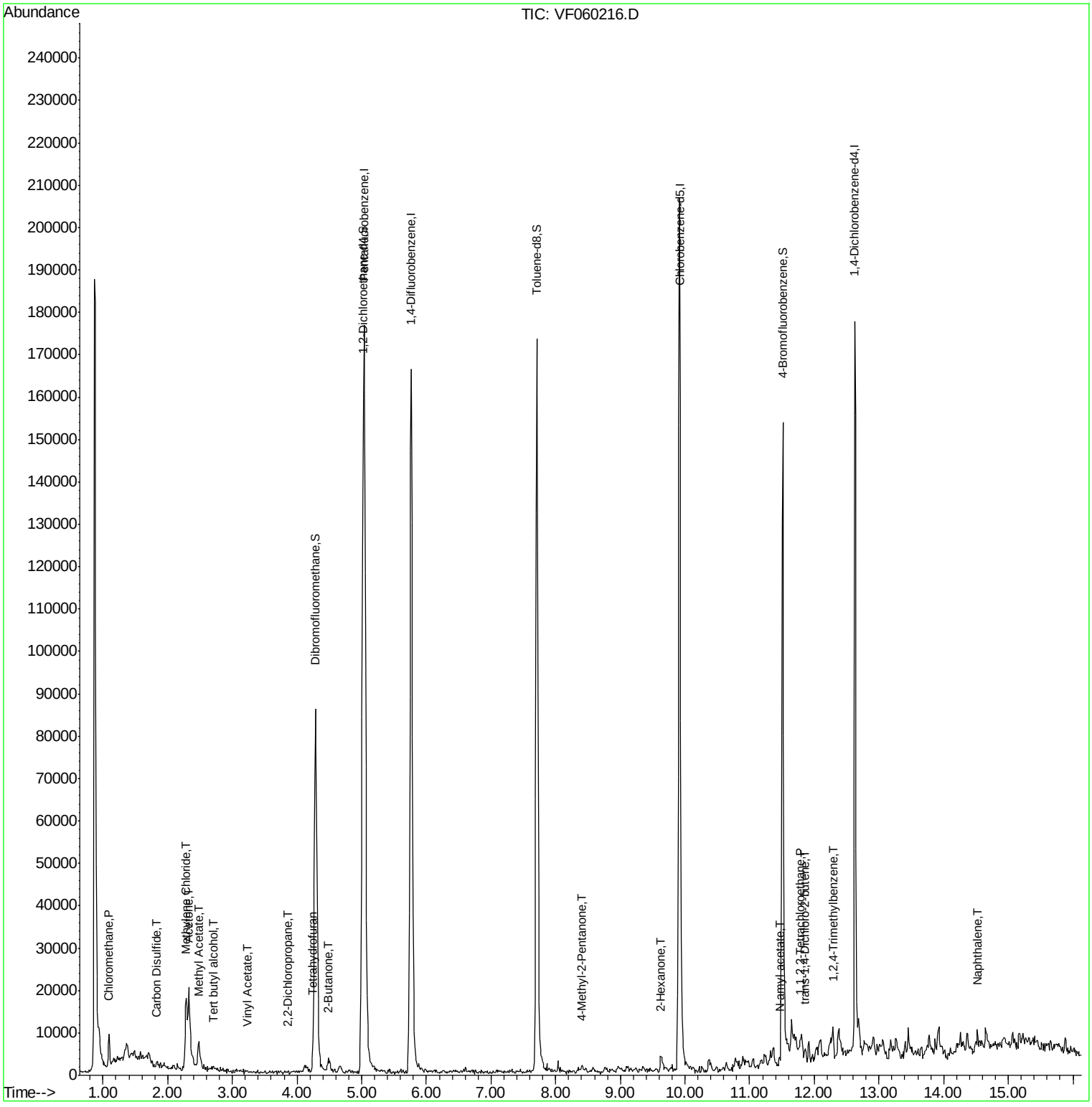
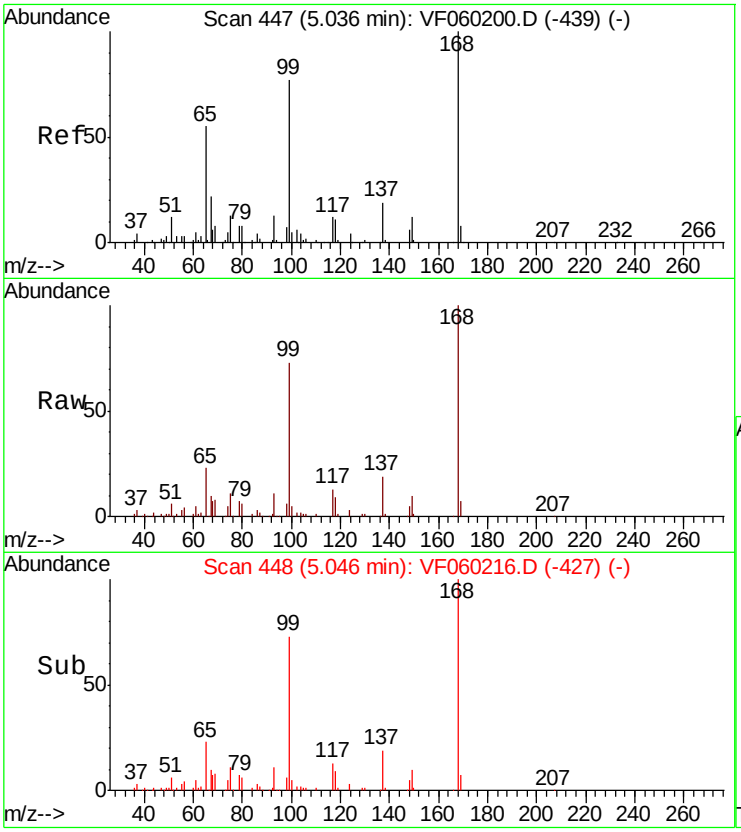


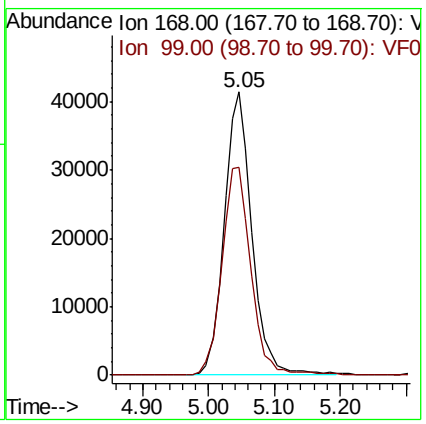


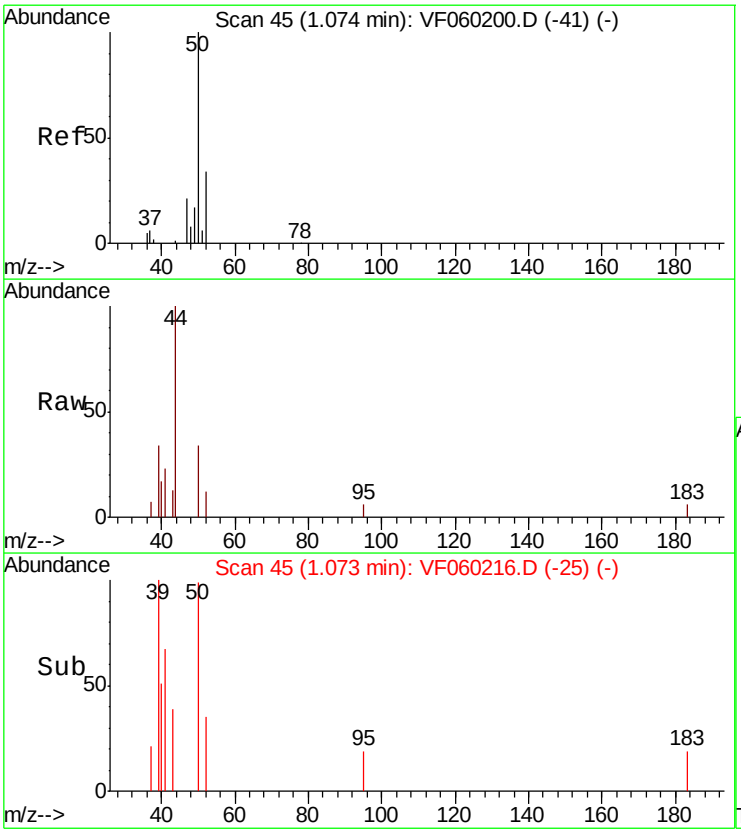
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 448
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion:168 Resp: 121540

Ion	Ratio	Lower	Upper
168	100		
99	73.3	61.8	92.6

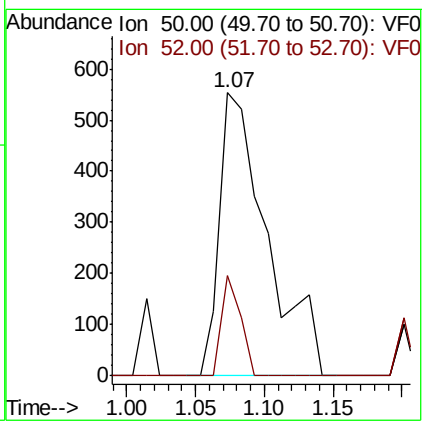


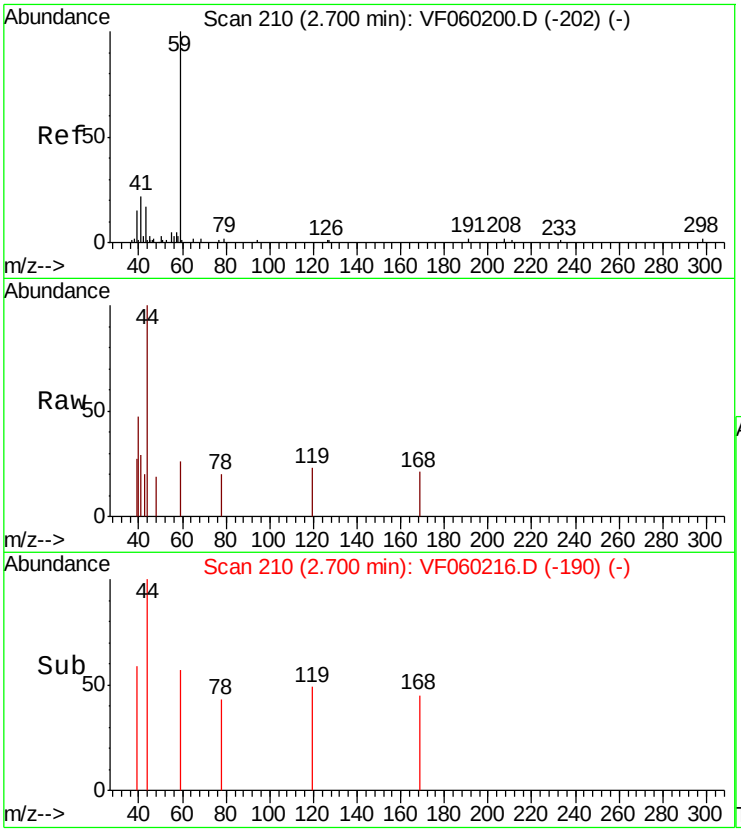


#3
Chloromethane
Concen: 1.084 ug/l
RT: 1.07 min Scan# 45
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 50 Resp: 1324

Ion	Ratio	Lower	Upper
50	100		
52	35.6	26.9	40.3



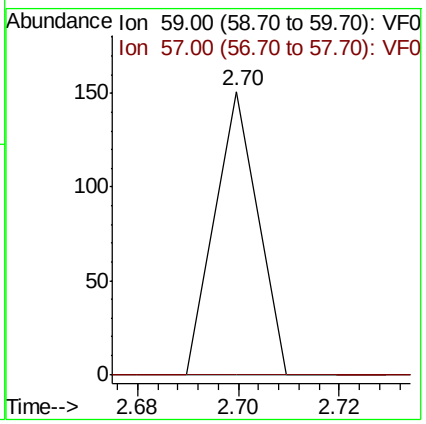


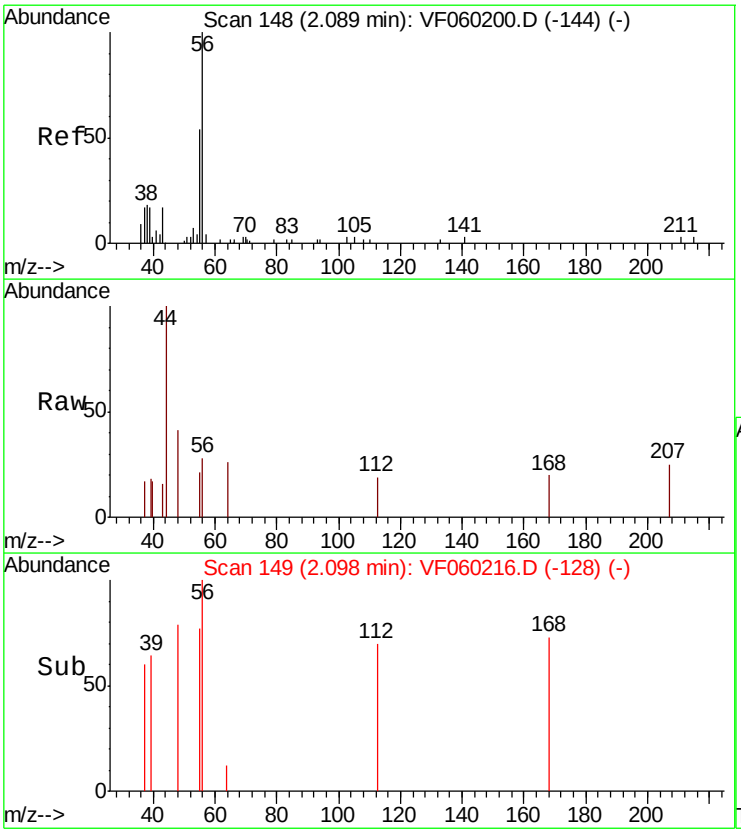
#11
Tert butyl alcohol
Concen: 13.187 ug/l
RT: 2.70 min Scan# 210
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 59 Resp: 89

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#

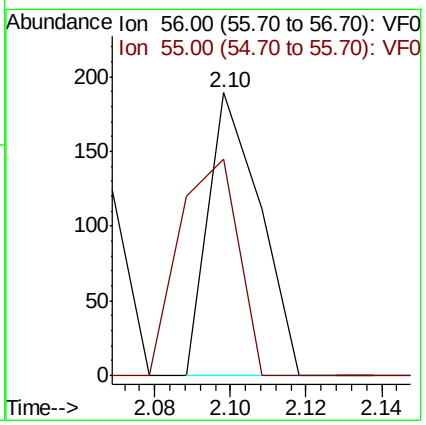


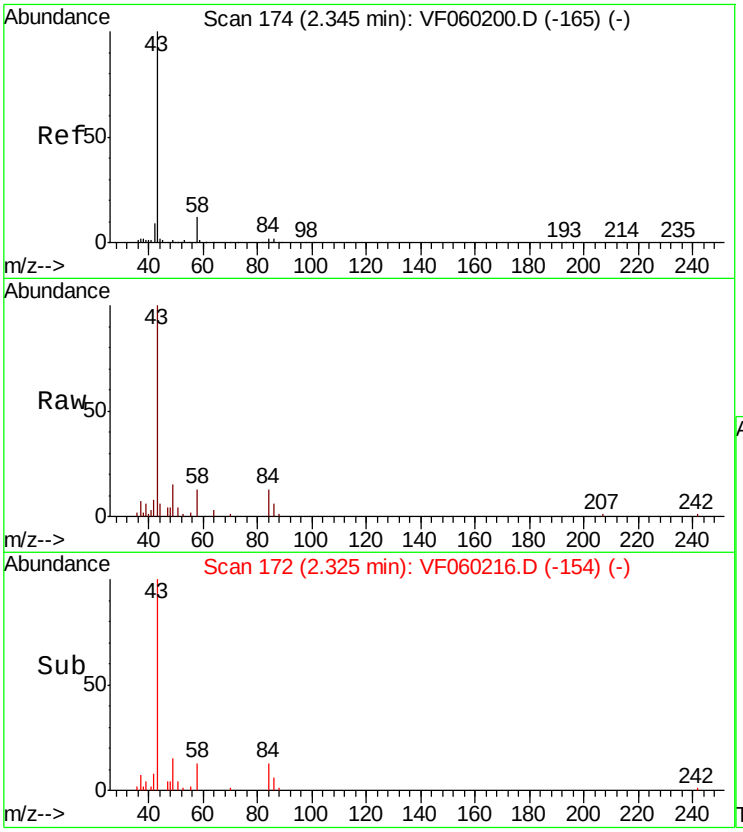


#13
Acrolein
Concen: Below Cal
RT: 2.10 min Scan# 149
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 56 Resp: 177

Ion	Ratio	Lower	Upper
56	100		
55	76.7	45.1	67.7#



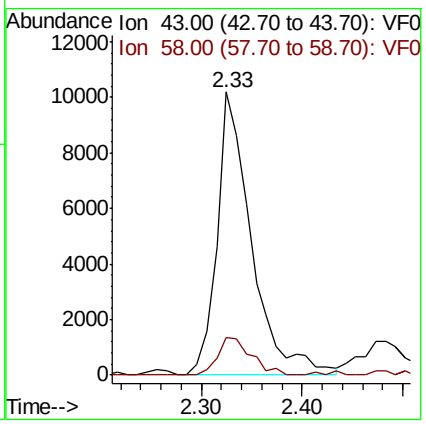


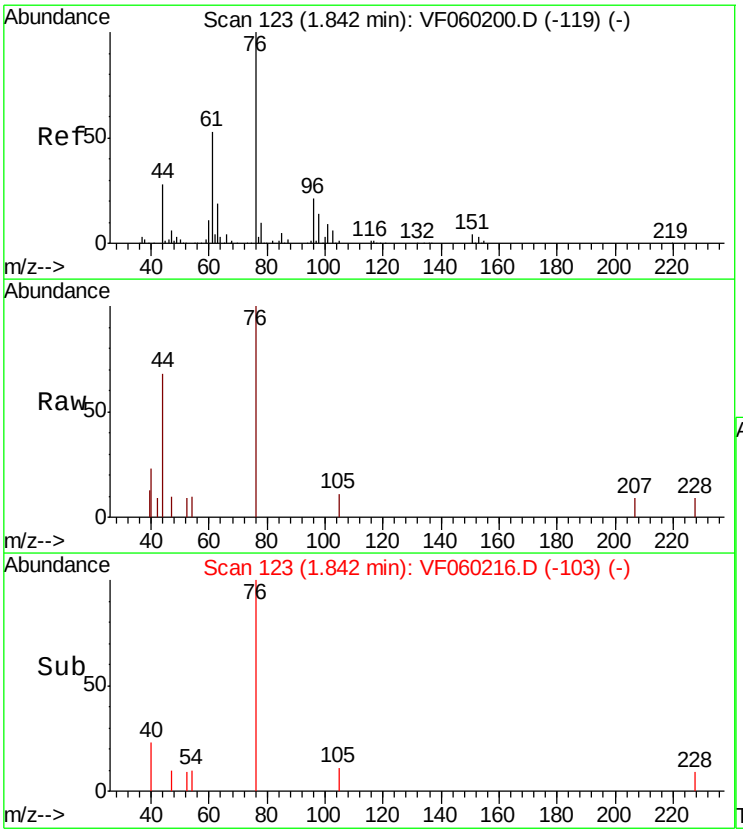
#16
Acetone
Concen: 49.782 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.02 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 43 Resp: 24310

Ion	Ratio	Lower	Upper
43	100		
58	13.4	9.7	14.5

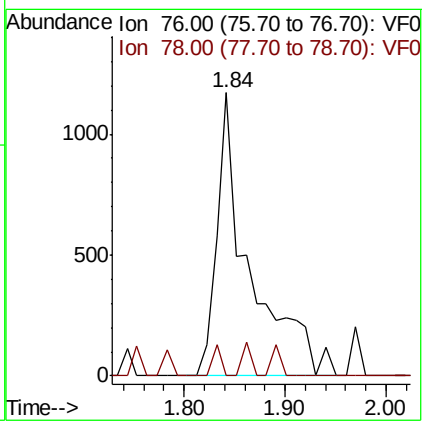


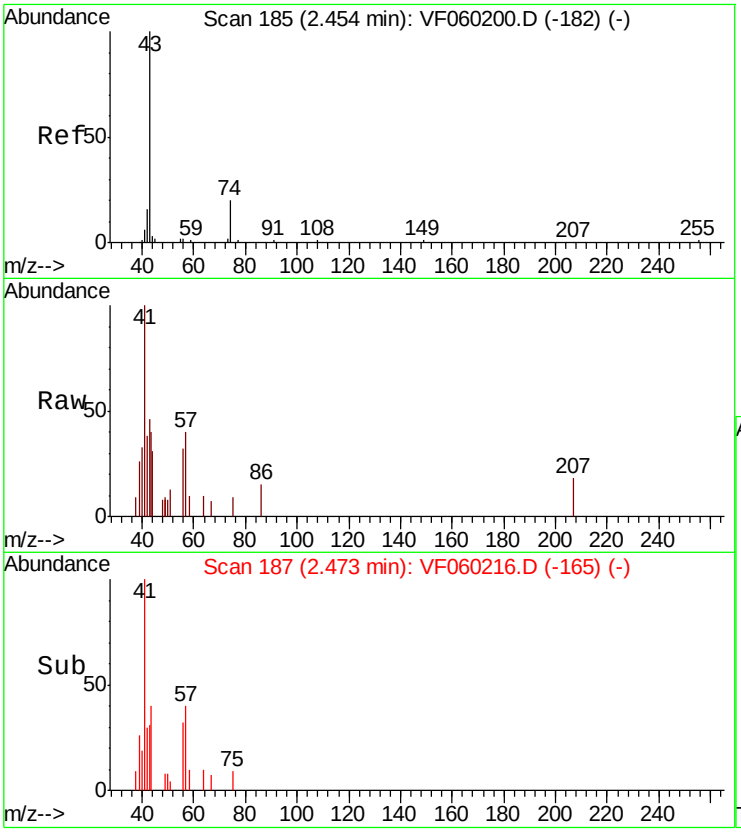


#17
Carbon Disulfide
Concen: 1.044 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 76 Resp: 2659

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.5	12.7#



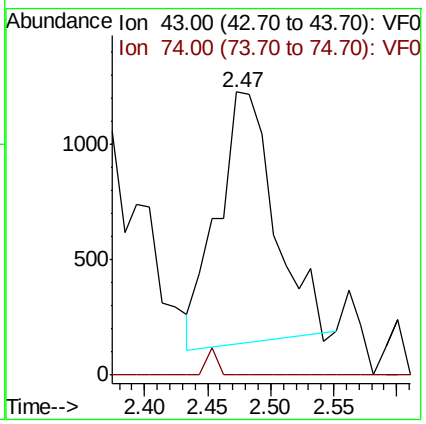


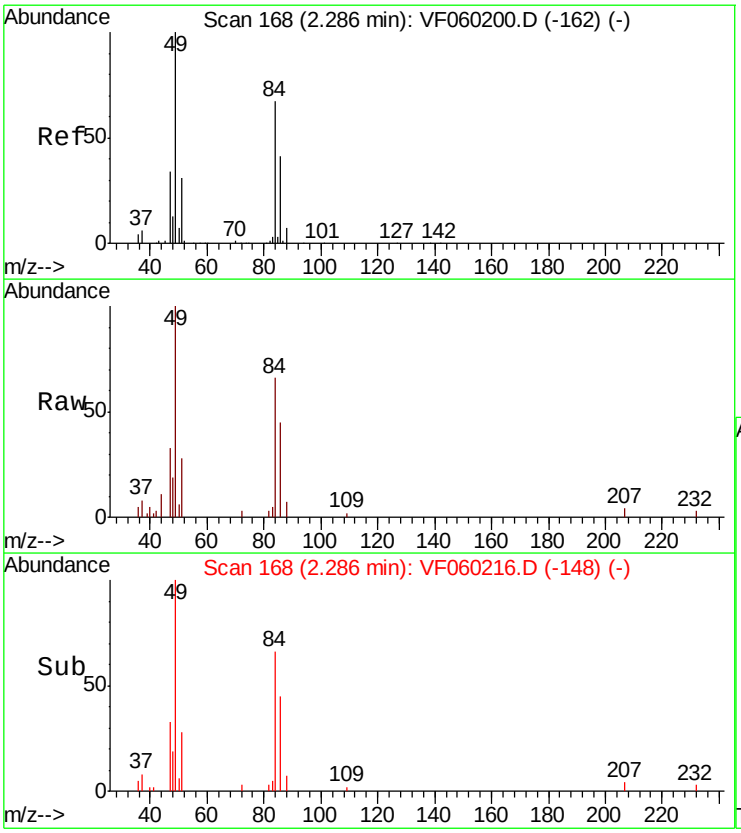
#18
Methyl Acetate
Concen: 4.761 ug/l
RT: 2.47 min Scan# 187
Delta R.T. 0.02 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 43 Resp: 3416

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.9	17.9#

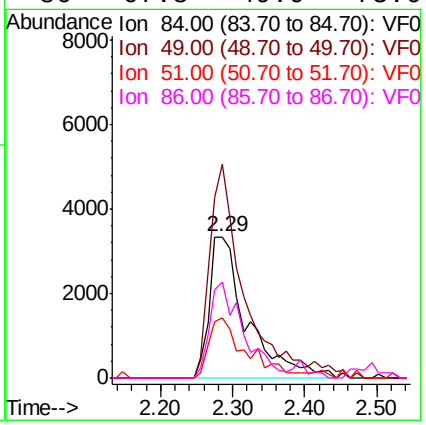


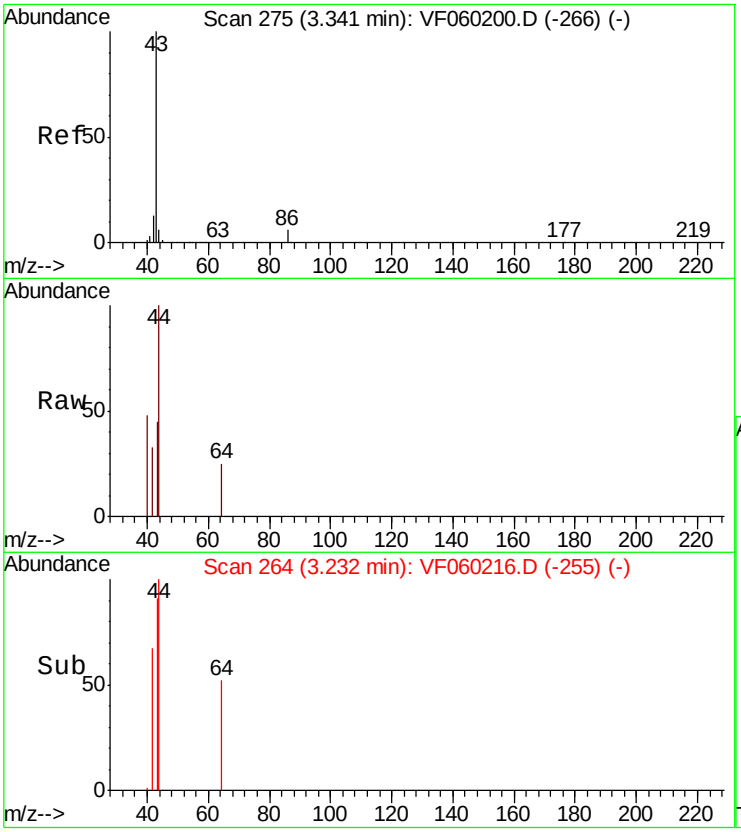


#20
Methylene Chloride
Concen: 3.239 ug/l
RT: 2.29 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt 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



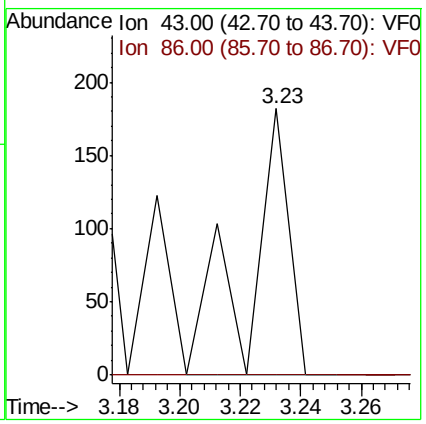


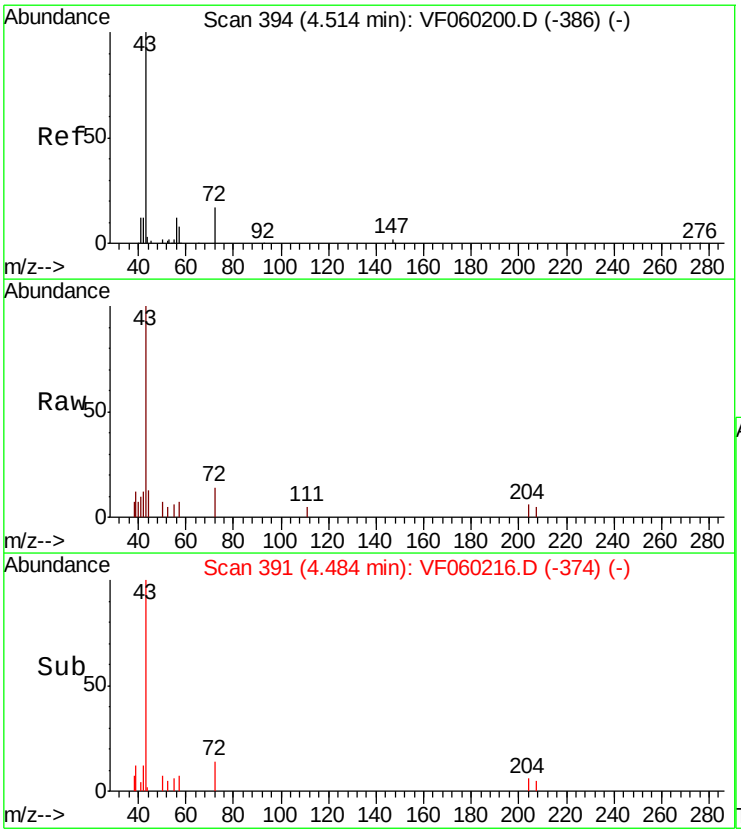
#23
Vinyl Acetate
Concen: 22.908 ug/l
RT: 3.23 min Scan# 264
Delta R.T. -0.11 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument : MSVOA_F
ClientSampleId : MS-SLUDGE-V24129

Tgt Ion: 43 Resp: 169

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.8	7.2#

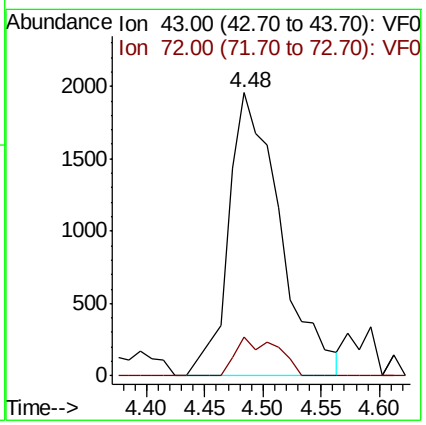


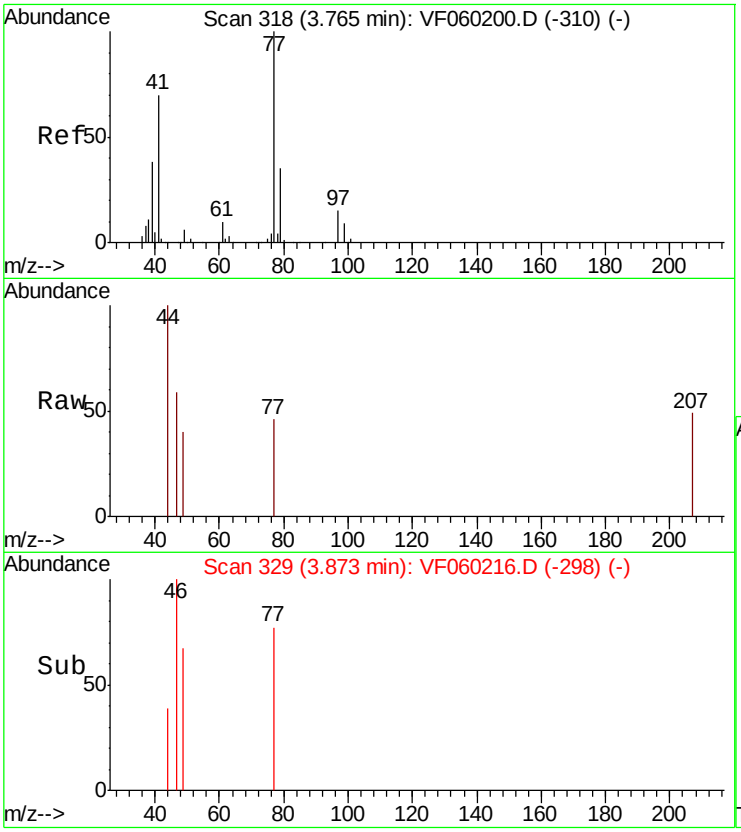


#25
2-Butanone
Concen: 10.039 ug/l
RT: 4.48 min Scan# 391
Delta R.T. -0.03 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 43 Resp: 5991

Ion	Ratio	Lower	Upper
43	100		
72	13.7	14.8	22.2#



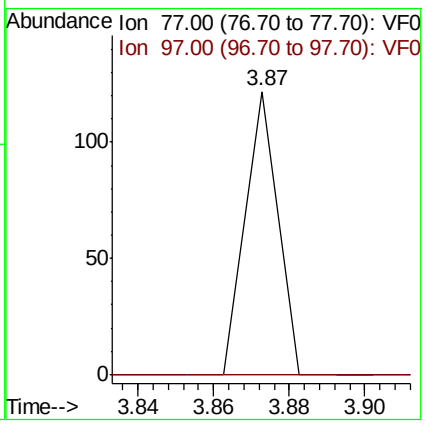


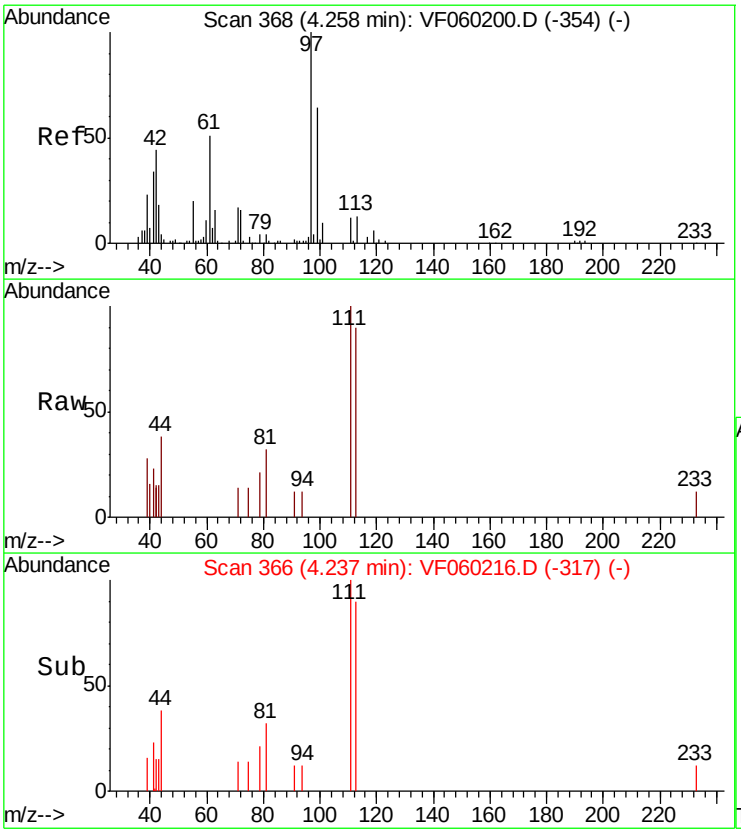
#26
2,2-Dichloropropane
Concen: 2.057 ug/l
RT: 3.87 min Scan# 329
Delta R.T. 0.11 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument : MSVOA_F
ClientSampleId : MS-SLUDGE-V24129

Tgt Ion: 77 Resp: 72

Ion	Ratio	Lower	Upper
77	100		
97	0.0	7.5	22.5#

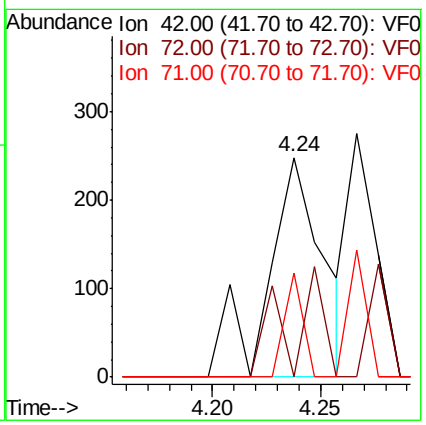


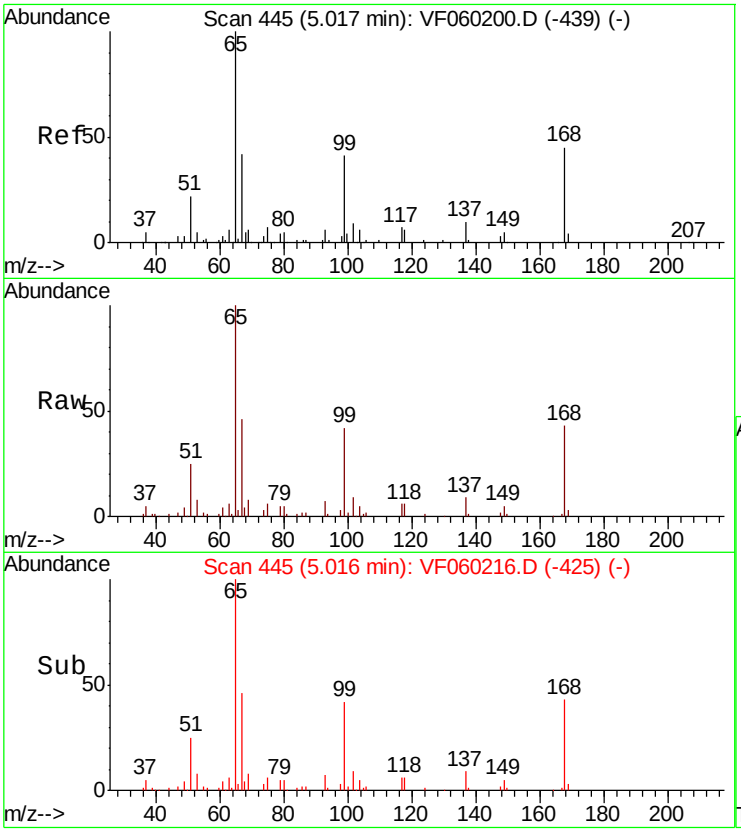


#29
Tetrahydrofuran
Concen: 2.240 ug/l
RT: 4.24 min Scan# 366
Delta R.T. -0.02 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 42 Resp: 442

Ion	Ratio	Lower	Upper
42	100		
72	13.8	27.4	41.0#
71	15.8	28.5	42.7#



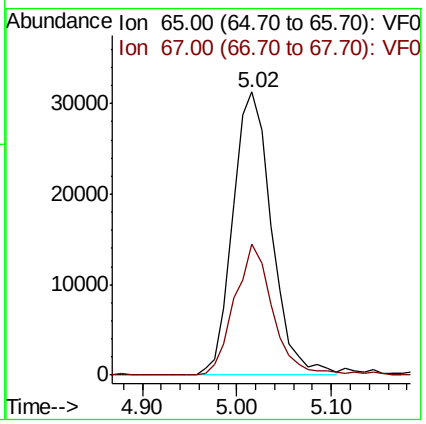


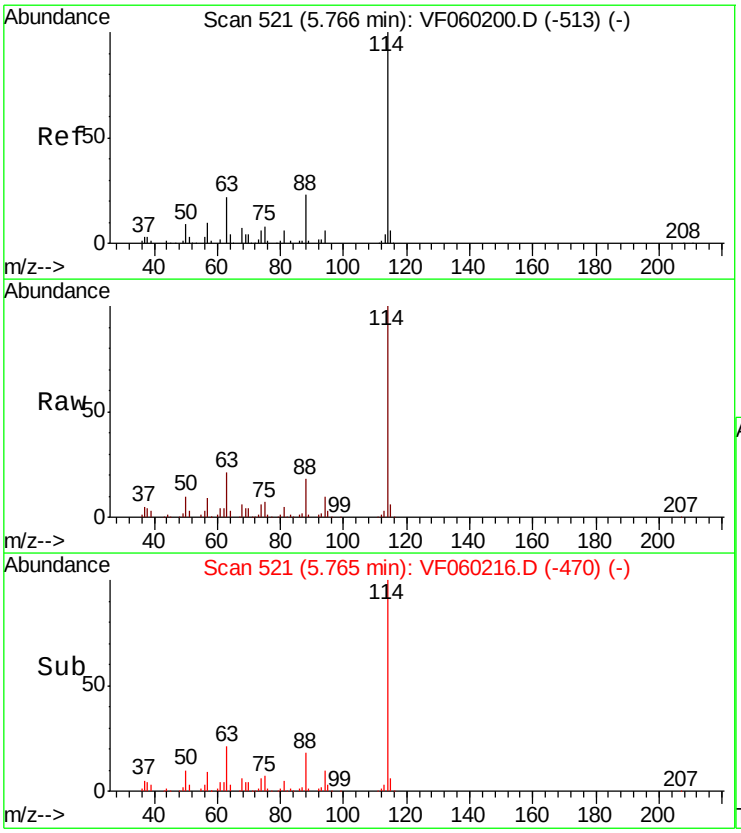
#33
1,2-Dichloroethane-d4
Concen: 41.893 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 65 Resp: 88951

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	87.2

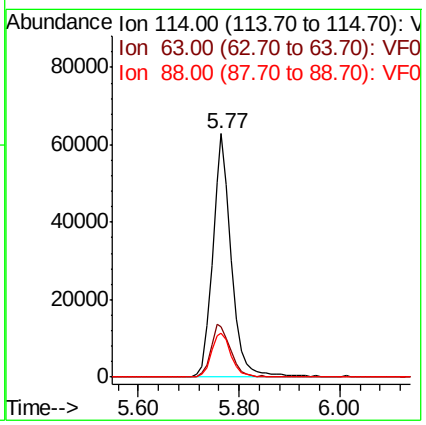


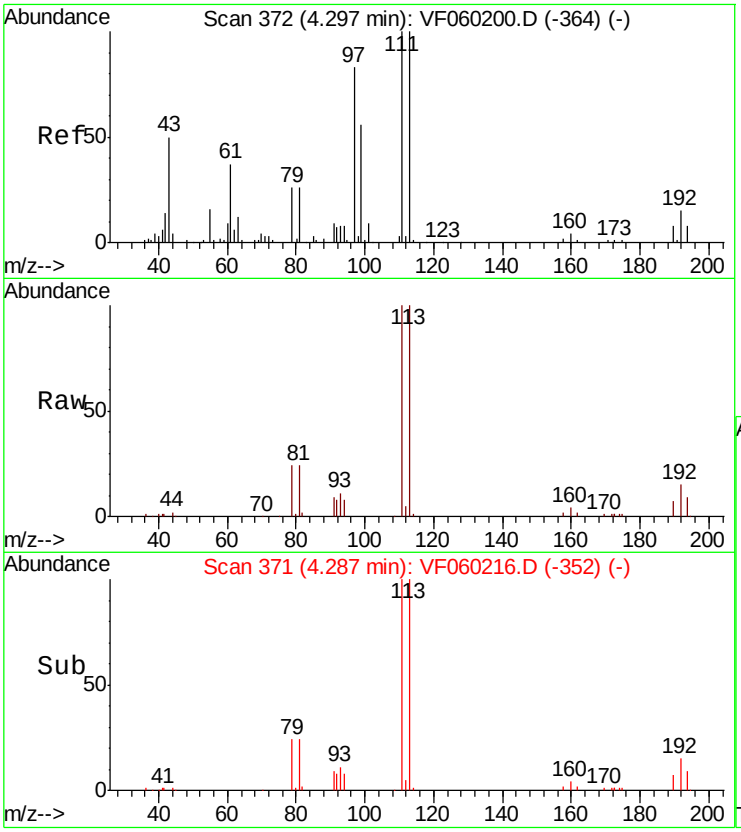


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 521
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

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



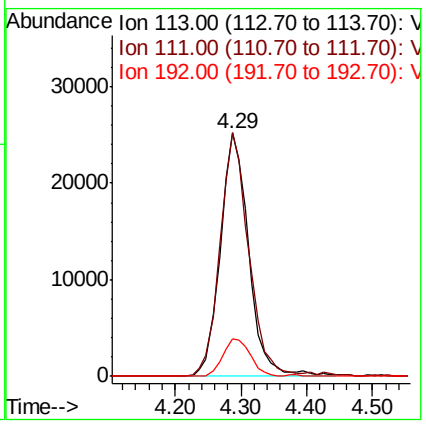


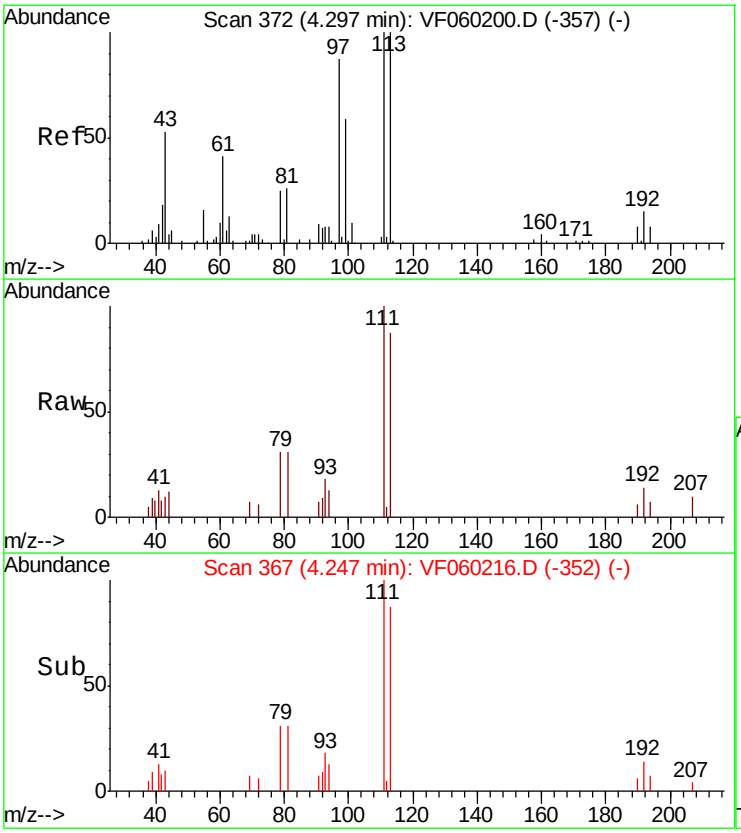
#35
Dibromofluoromethane
Concen: 47.625 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion:113 Resp: 75863

Ion	Ratio	Lower	Upper
113	100		
111	99.9	80.2	120.2
192	15.4	11.8	17.8

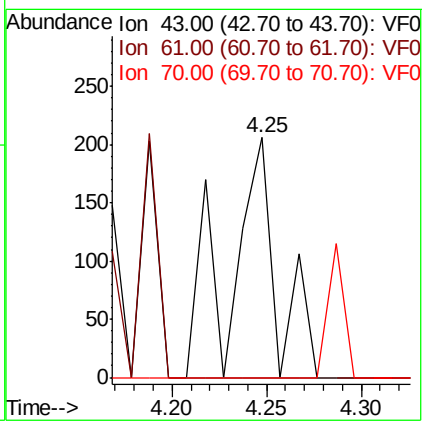


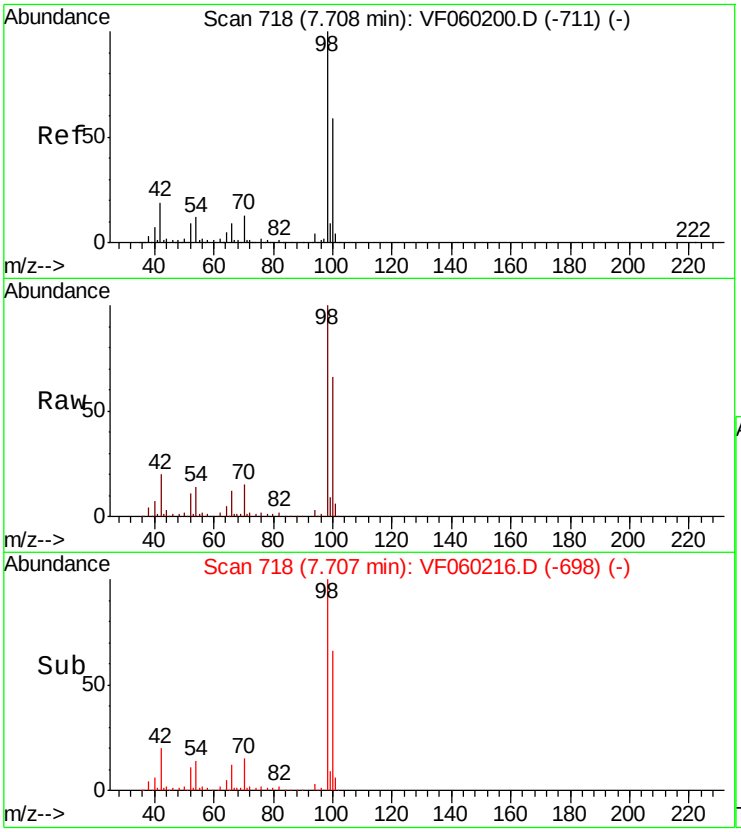


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.25 min Scan# 367
Delta R.T. -0.05 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 43 Resp: 361

Ion	Ratio	Lower	Upper
43	100		
61	0.0	61.6	92.4#
70	0.0	6.9	10.3#



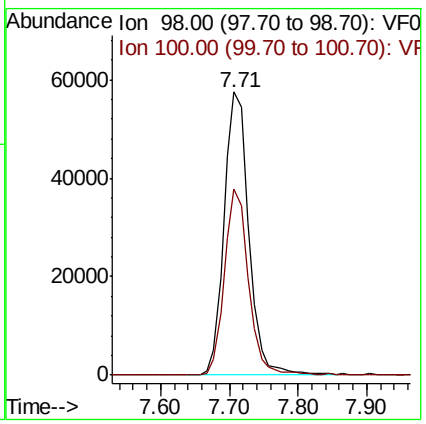


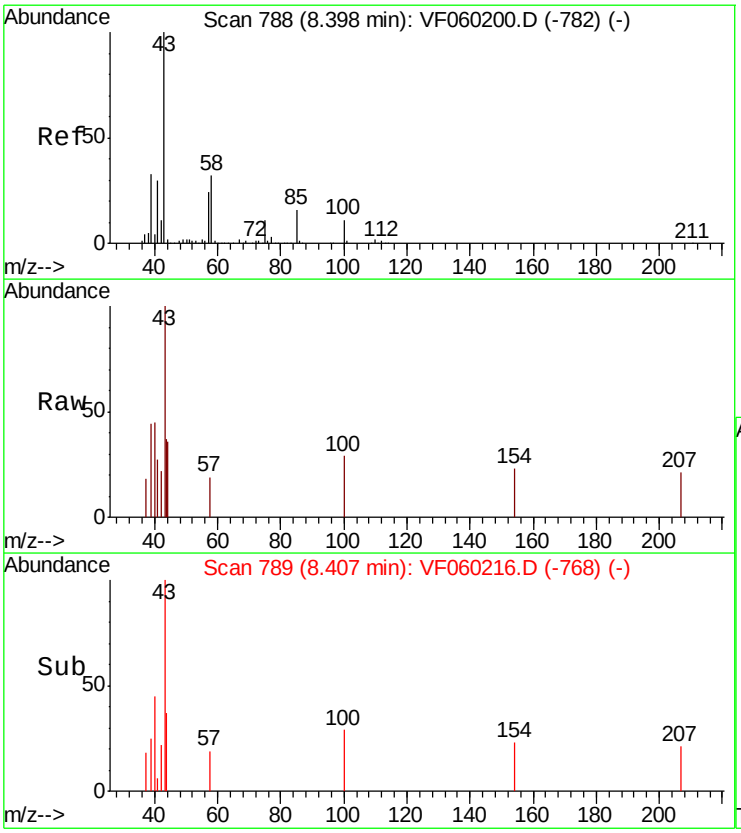
#50
Toluene-d8
Concen: 35.971 ug/l
RT: 7.71 min Scan# 718
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 98 Resp: 142987

Ion	Ratio	Lower	Upper
98	100		
100	65.8	47.4	71.0

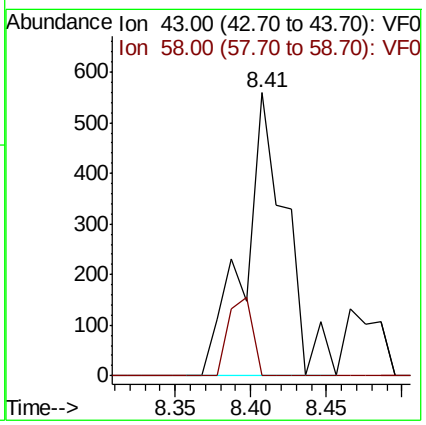


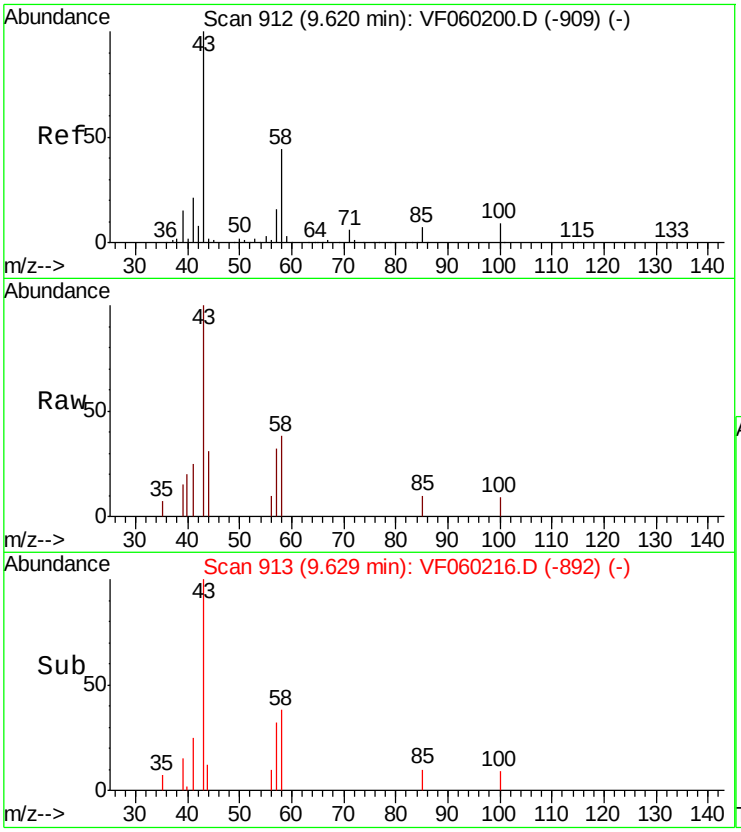


#51
4-Methyl-2-Pentanone
Concen: 1.089 ug/l
RT: 8.41 min Scan# 789
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 43 Resp: 1077

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#



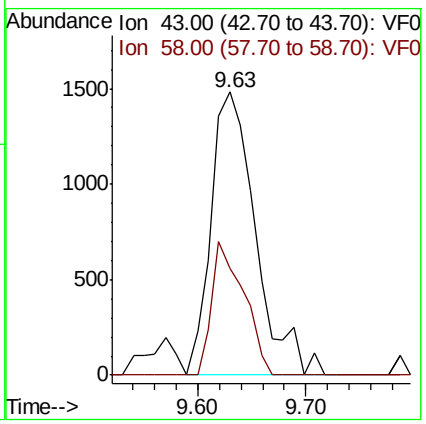


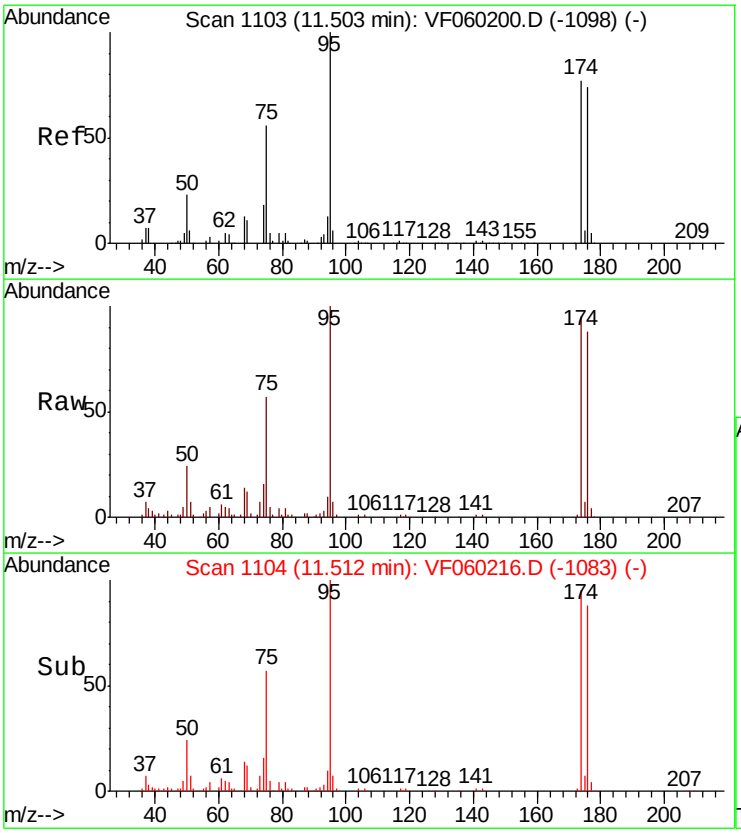
#59
2-Hexanone
Concen: 4.591 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 43 Resp: 4248

Ion	Ratio	Lower	Upper
43	100		
58	37.9	20.8	62.5

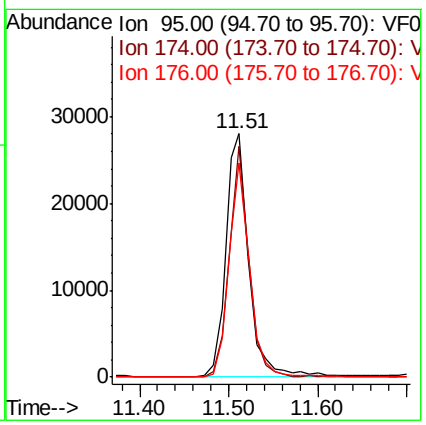


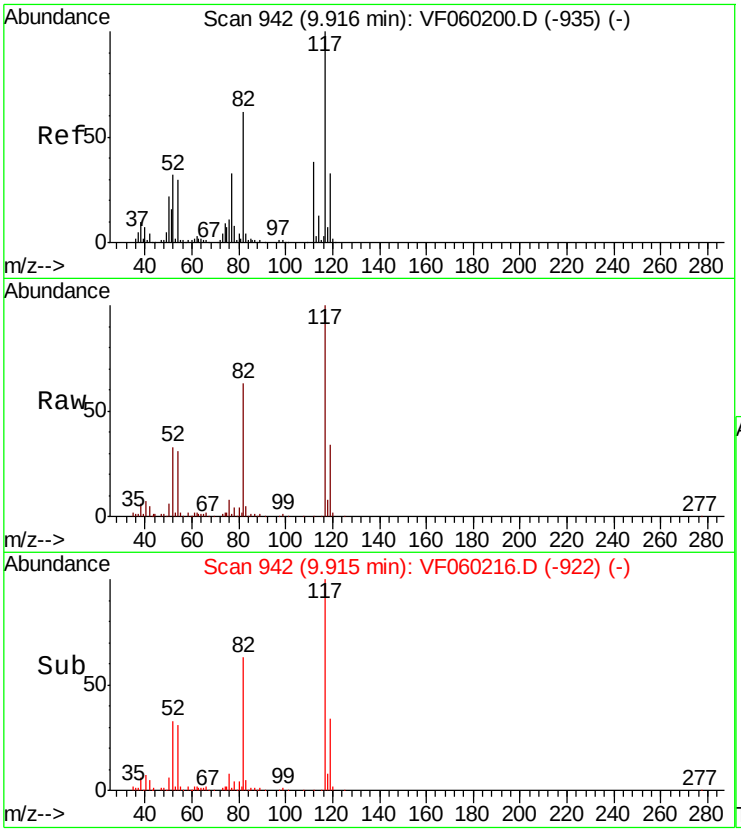


#62
4-Bromofluorobenzene
Concen: 22.873 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 95 Resp: 51300

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	153.2
176	88.1	0.0	147.2



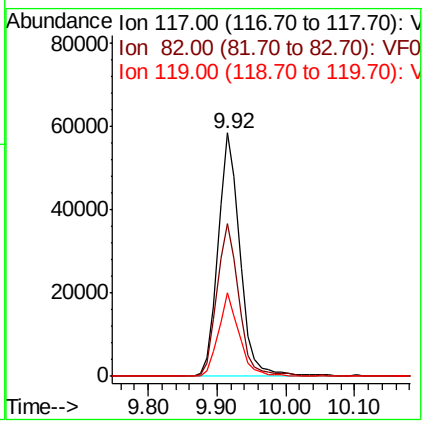


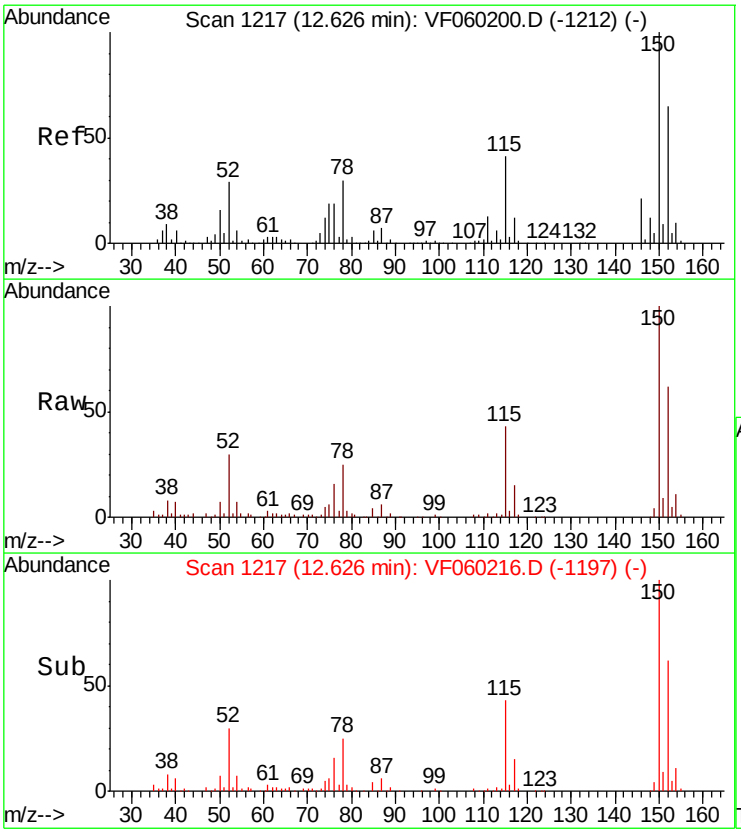
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

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

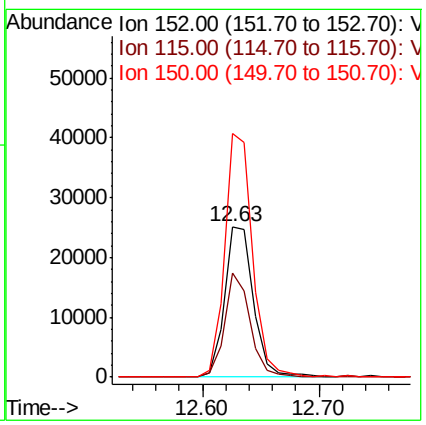


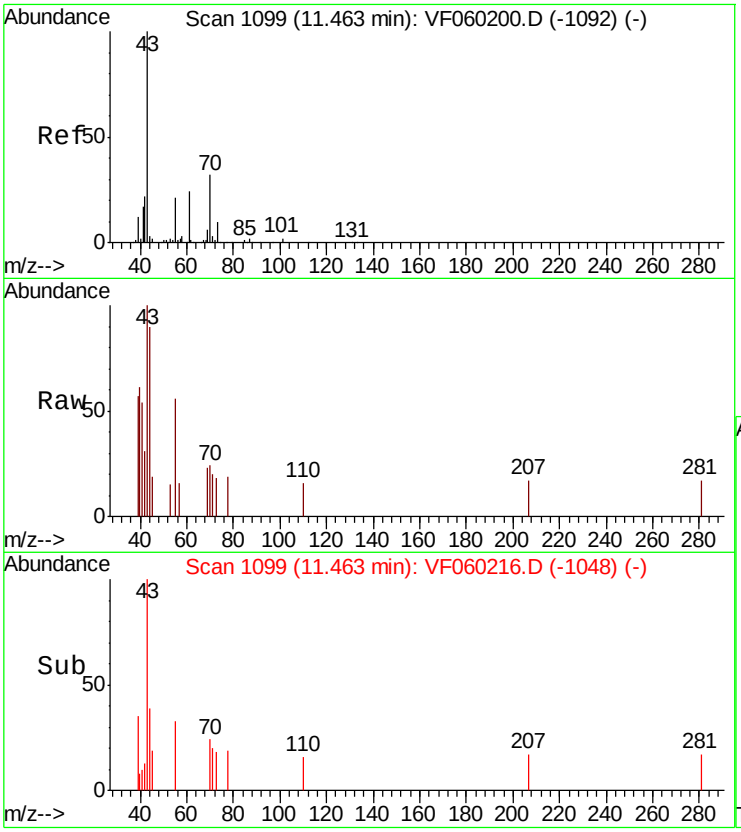


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion:152 Resp: 43300

Ion	Ratio	Lower	Upper
152	100		
115	69.4	31.5	94.5
150	162.0	0.0	310.4



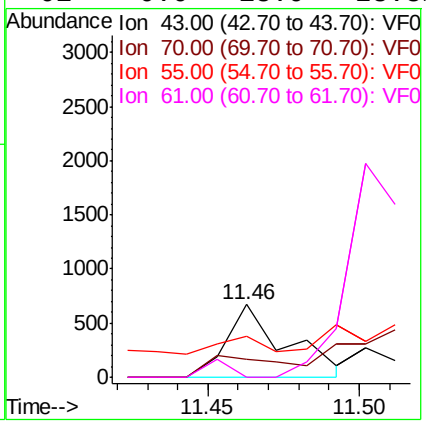


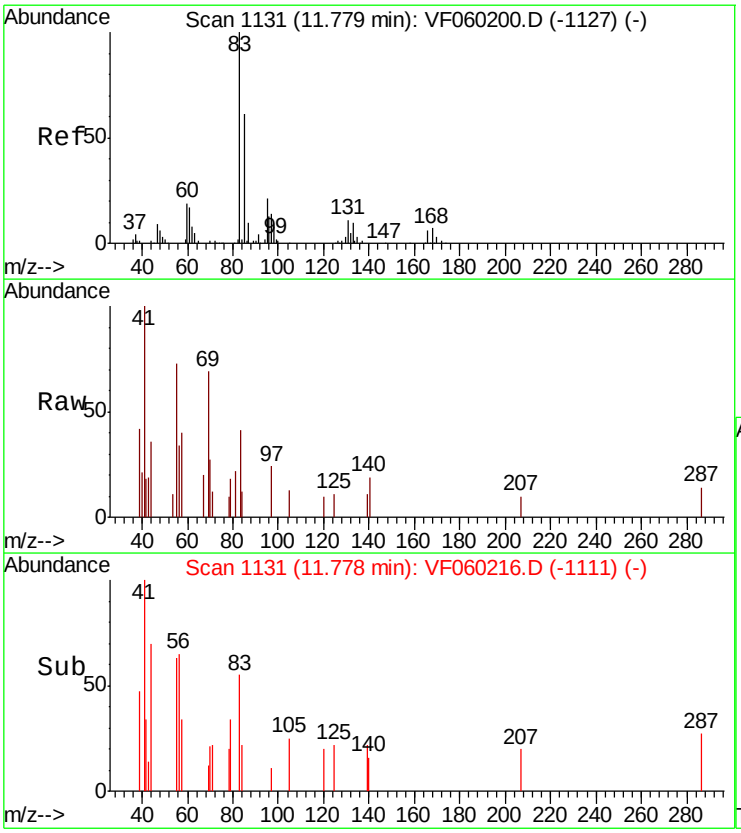
#74
N-amyl acetate
Concen: 6.201 ug/l
RT: 11.46 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument : MSVOA_F
ClientSampleId : MS-SLUDGE-V24129

Tgt Ion: 43 Resp: 925

Ion	Ratio	Lower	Upper
43	100		
70	24.0	25.8	38.6#
55	56.3	16.8	25.2#
61	0.0	18.9	28.3#

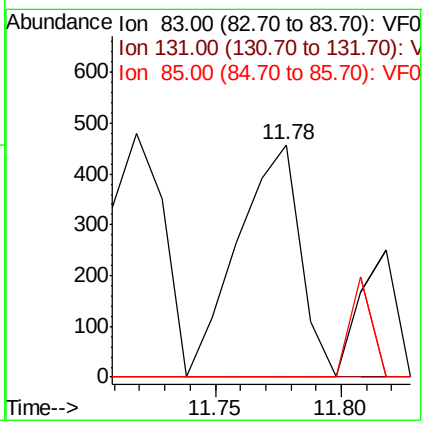


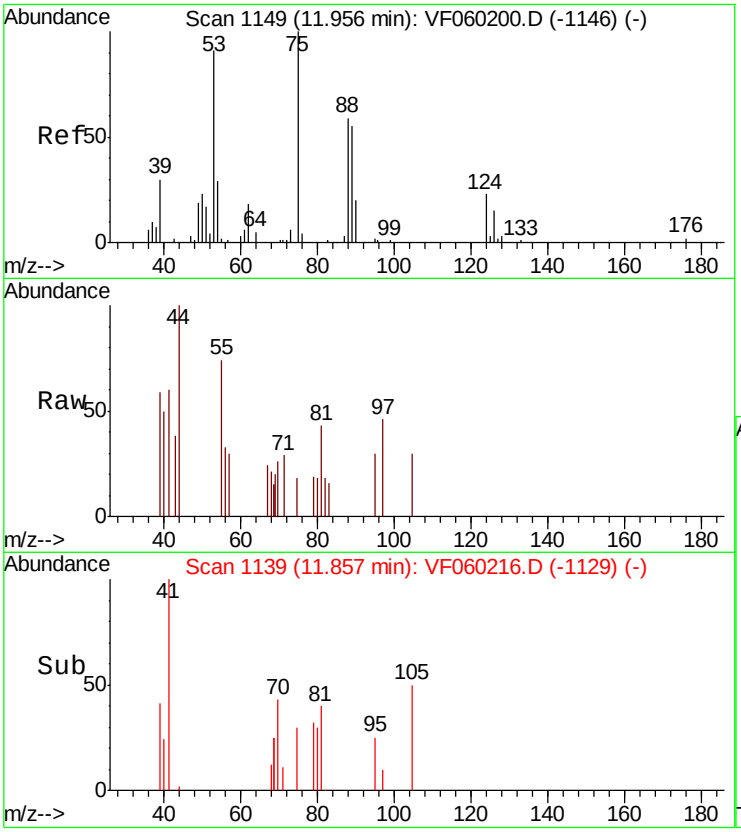


#75
1,1,2,2-Tetrachloroethane
Concen: 1.766 ug/l
RT: 11.78 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion: 83 Resp: 793

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	0.0	31.1	93.5#



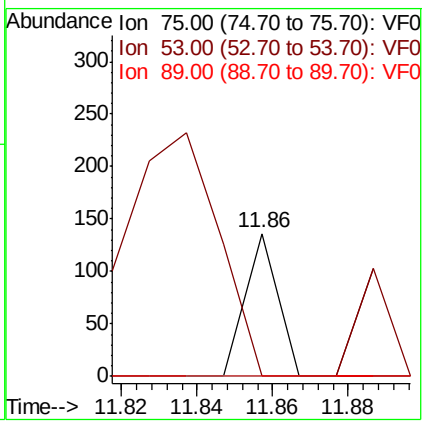


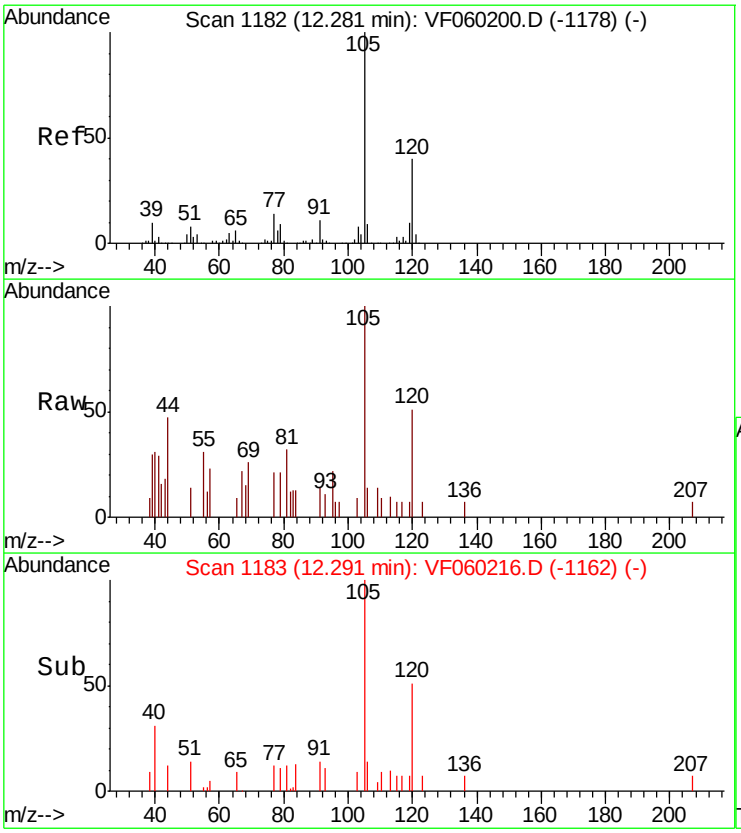
#81
trans-1,4-Dichloro-2-butene
Concen: 3.226 ug/l
RT: 11.86 min Scan# 1139
Delta R.T. -0.10 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.5	114.7#
89	0.0	46.5	69.7#

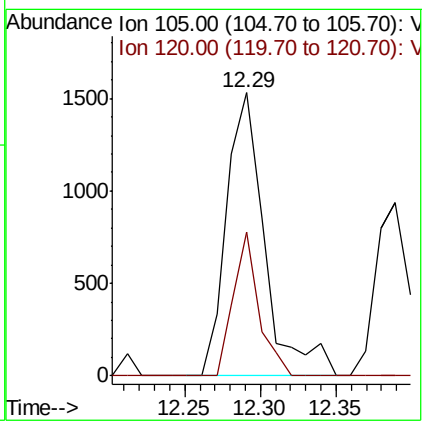


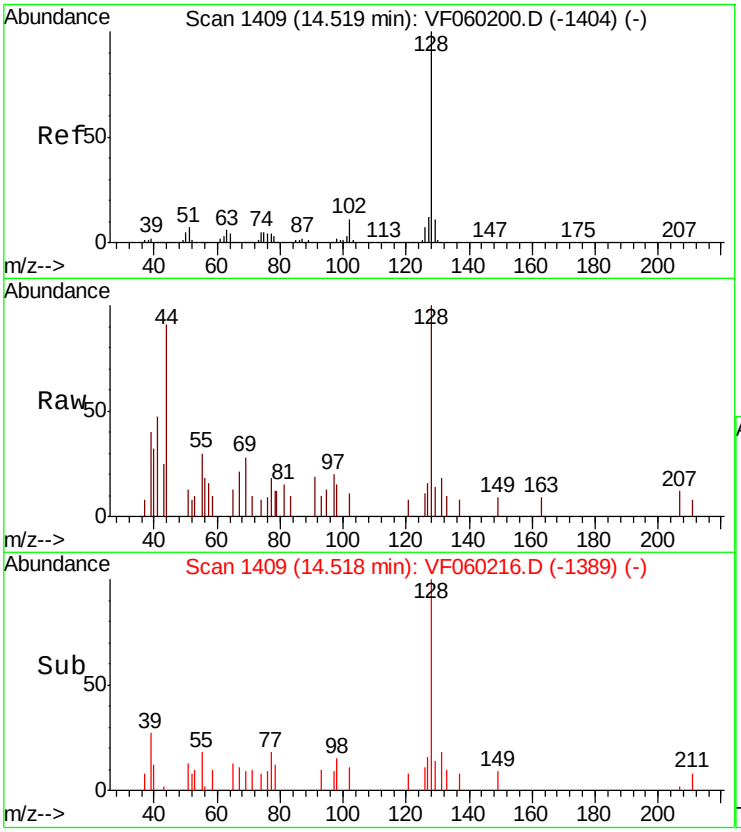


#84
1,2,4-Trimethylbenzene
Concen: 1.002 ug/l
RT: 12.29 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Tgt Ion:105 Resp: 2683

Ion	Ratio	Lower	Upper
105	100		
120	50.9	20.2	60.5





#95
Naphthalene
Concen: 3.824 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060216.D
Acq: 7 Sep 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :
MS-SLUDGE-V24129

Tgt Ion:128 Resp: 2098

Ion	Ratio	Lower	Upper
128	100		
127	16.1	9.9	14.9#
129	13.7	8.9	13.3#