Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092618\
Data File : VF060353.D
Acq On : 26 Sep 2018 15:53
Operator : VA/AP
Sample : J5069-01RE
Misc : 5.05/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Quant Time: Sep 27 03:05:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	33804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	35322	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	14660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	5708	12.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 25.08%			
35) Dibromofluoromethane	4.28	113	8187	26.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 52.00%			
50) Toluene-d8	7.70	98	34245	41.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.52%			
62) 4-Bromofluorobenzene	11.50	95	8089	22.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 45.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	152	Below Cal	#	40
5) Bromomethane	1.31	94	64	Below Cal	#	3
11) Tert butyl alcohol	2.69	59	68	Below Cal	#	63
13) Acrolein	1.94	56	234	Below Cal		100
14) Allyl chloride	2.21	41	1389	2.069	ug/l #	38
15) Acrylonitrile	3.05	53	518	8.058	ug/l #	14
16) Acetone	2.33	43	2253	17.576	ug/l #	59
17) Carbon Disulfide	1.85	76	2238	Below Cal	#	36
18) Methyl Acetate	2.47	43	1868	8.747	ug/l #	62
20) Methylene Chloride	2.28	84	1078	Below Cal	#	82
23) Vinyl Acetate	3.31	43	791	1.590	ug/l #	79
25) 2-Butanone	4.48	43	471	2.730	ug/l #	56
29) Tetrahydrofuran	4.24	42	181	2.865	ug/l #	62
37) Ethyl Acetate	4.29	43	780	4.184	ug/l #	1
41) Methacrylonitrile	4.96	41	455	4.498	ug/l #	45
43) Isopropyl Acetate	7.04	43	657	2.927	ug/l #	48
48) Methyl methacrylate	6.76	41	425	2.698	ug/l	91
49) 1,4-Dioxane	6.86	88	64	45.471	ug/l #	1
51) 4-Methyl-2-Pentanone	8.38	43	567	3.278	ug/l #	35
55) 1,1,2-Trichloroethane	8.62	97	476	2.481	ug/l #	52
56) Ethyl methacrylate	8.77	69	3025	13.057	ug/l #	78
58) 2-Chloroethyl Vinyl ether	7.78	63	66	3.223	ug/l	100
59) 2-Hexanone	9.75	43	687	5.578	ug/l	98
61) 1,2-Dibromoethane	9.02	107	273	1.278	ug/l	88
67) Ethyl Benzene	10.02	91	630	1.026	ug/l #	46
69) o-Xylene	10.85	106	2255	9.472	ug/l #	1
71) Bromoform	10.87	173	204	2.694	ug/l #	31
73) Isopropylbenzene	11.23	105	1136	2.647	ug/l	96
74) N-amyl acetate	11.45	43	561	6.131	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.75	83	312	4.103	ug/l #	60
76) 1,2,3-Trichloropropane	11.87	75	227	4.169	ug/l #	1
77) Bromobenzene	11.64	156	14823	160.285	ug/l #	1
78) n-propylbenzene	11.75	91	1874	Below Cal		87
79) 2-Chlorotoluene	11.85	91	1272	4.394	ug/l #	64

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
Data File : VF060353.D
Acq On : 26 Sep 2018 15:53
Operator : VA/AP
Sample : J5069-01RE
Misc : 5.05/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Quant Time: Sep 27 03:05:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.04	105	1352	3.914 ug/l	84
81) trans-1,4-Dichloro-2-buten	11.94	75	89	3.093 ug/l #	1
82) 4-Chlorotoluene	12.00	91	1053	3.619 ug/l #	65
83) tert-Butylbenzene	12.19	119	1154	3.296 ug/l #	40
84) 1,2,4-Trimethylbenzene	12.24	105	1304	3.718 ug/l	97
85) sec-Butylbenzene	12.40	105	820	Below Cal	90
86) p-Isopropyltoluene	12.54	119	686	Below Cal #	1
87) 1,3-Dichlorobenzene	12.56	146	317	1.834 ug/l #	1
88) 1,4-Dichlorobenzene	12.76	146	738	4.321 ug/l	68
89) n-Butylbenzene	12.95	91	347	Below Cal	74
90) Hexachloroethane	12.97	117	572	5.838 ug/l #	22
91) 1,2-Dichlorobenzene	12.99	146	254	1.541 ug/l #	62
92) 1,2-Dibromo-3-Chloropropan	13.70	75	1015	71.087 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	222	1.853 ug/l #	1

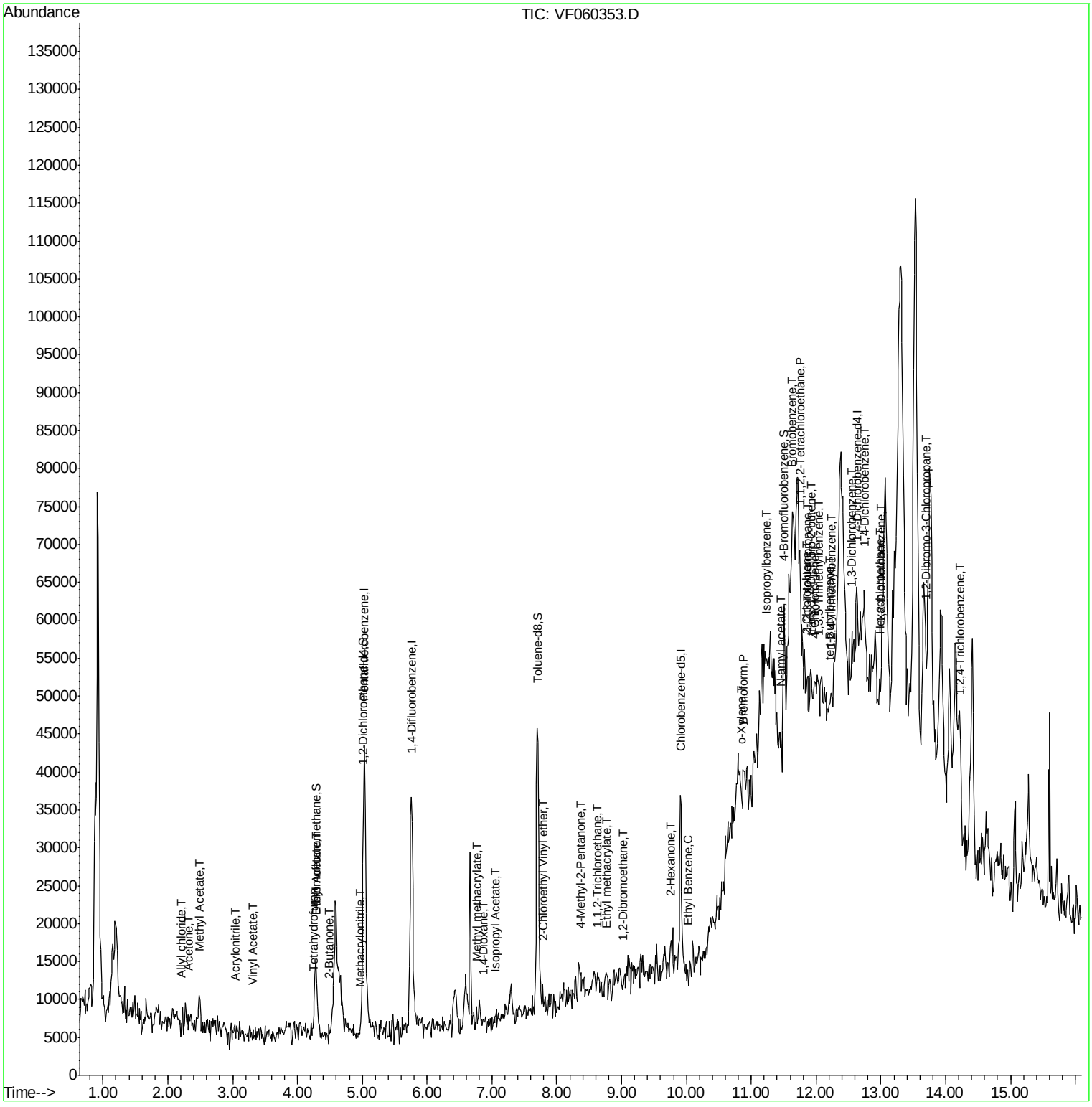
(#) = qualifier out of range (m) = manual integration (+) = signals summed

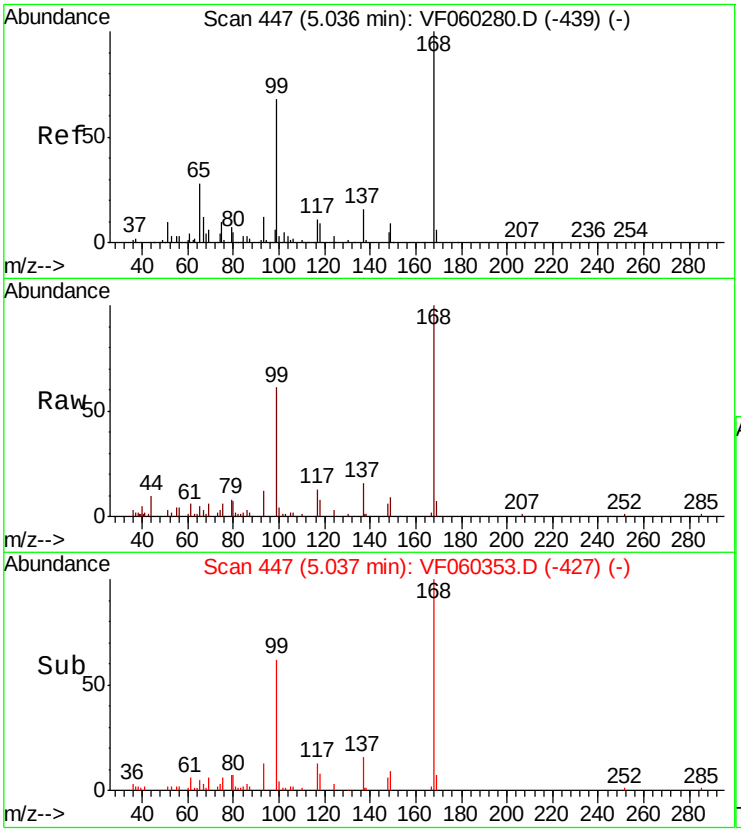
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092618\
Data File : VF060353.D
Acq On : 26 Sep 2018 15:53
Operator : VA/AP
Sample : J5069-01RE
Misc : 5.05/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Quant Time: Sep 27 03:05:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration



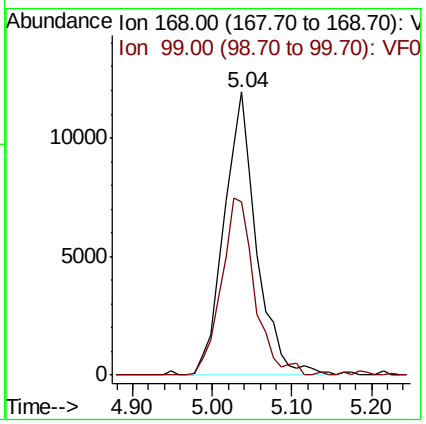


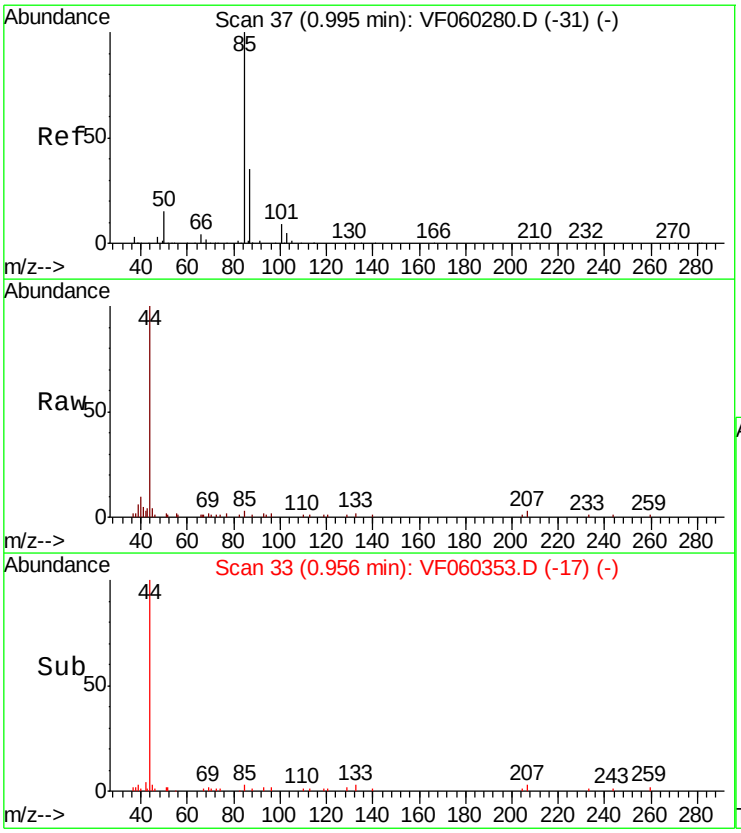
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion:168 Resp: 33804

Ion	Ratio	Lower	Upper
168	100		
99	61.1	54.8	82.2

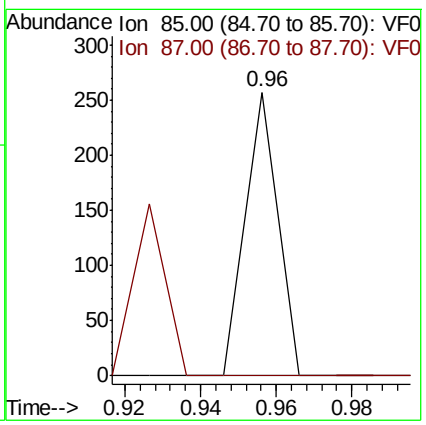


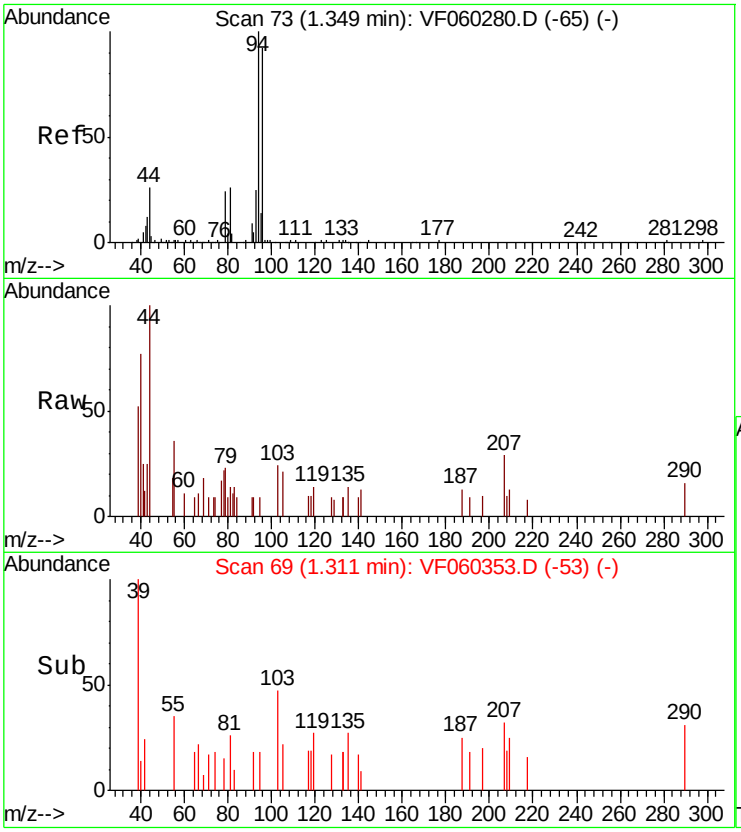


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 33
Delta R.T. -0.04 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 85 Resp: 152

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.3	52.0#



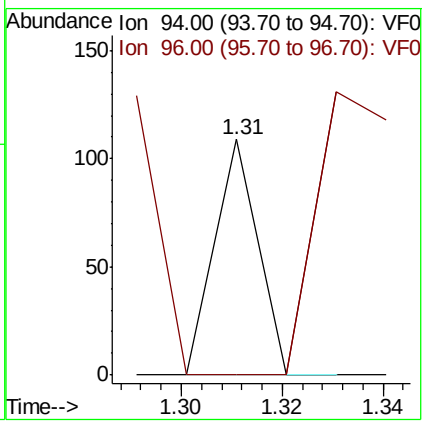


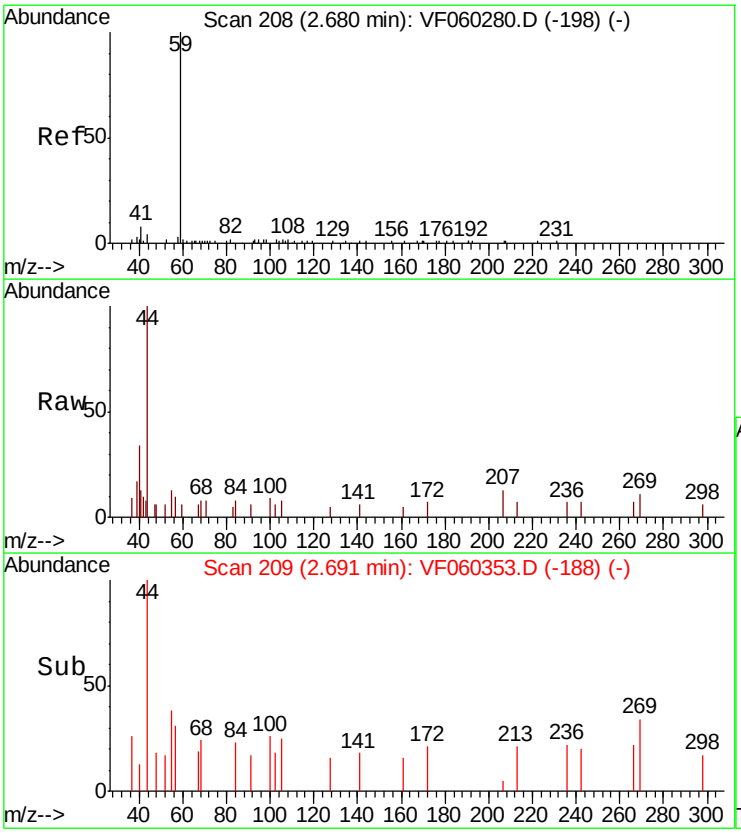
#5
Bromomethane
Concen: Below Cal
RT: 1.31 min Scan# 69
Delta R.T. -0.04 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 94 Resp: 64

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.9	110.9#

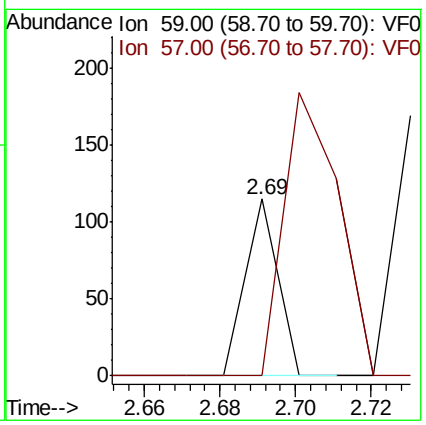


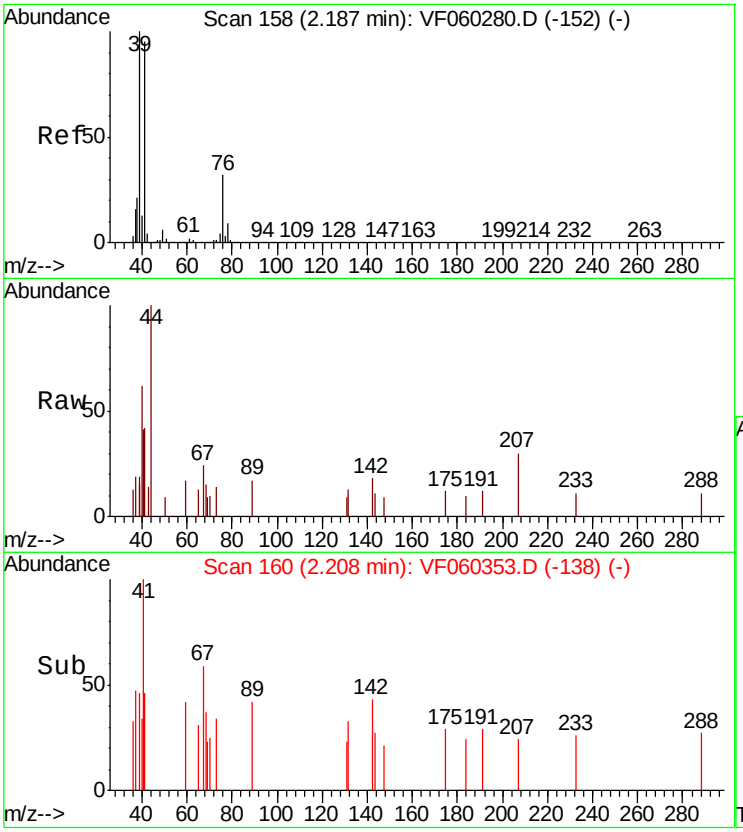


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.69 min Scan# 209
Delta R.T. 0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 59 Resp: 68

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.4	18.6#



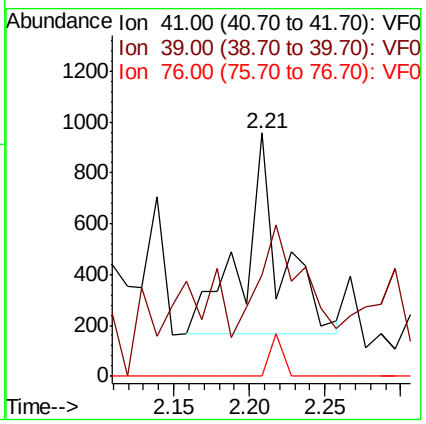


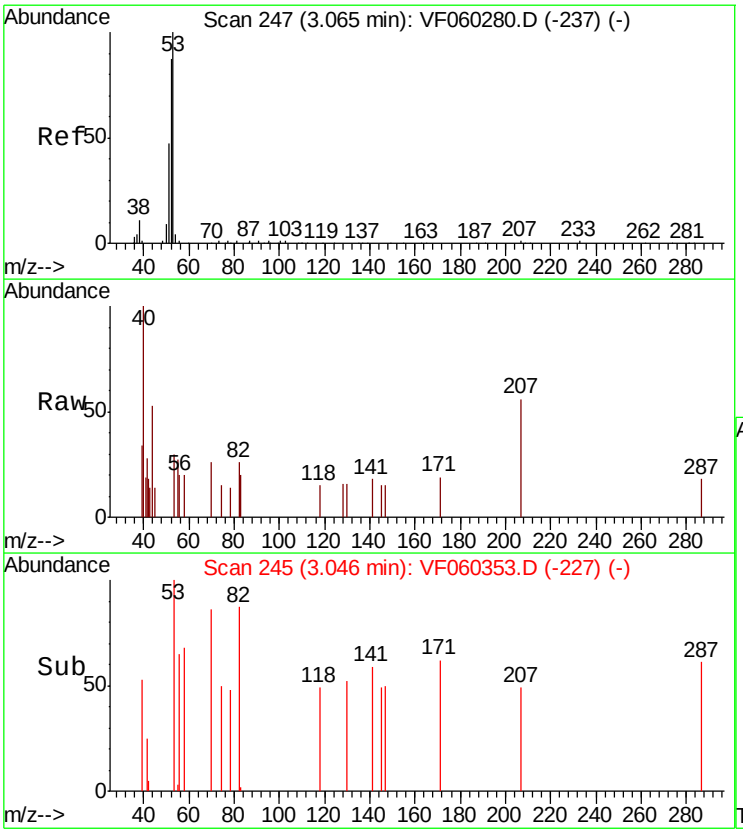
#14
Allyl chloride
Concen: 2.069 ug/l
RT: 2.21 min Scan# 160
Delta R.T. 0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 41 Resp: 1389

Ion	Ratio	Lower	Upper
41	100		
39	41.5	84.8	127.2#
76	0.0	27.4	41.2#

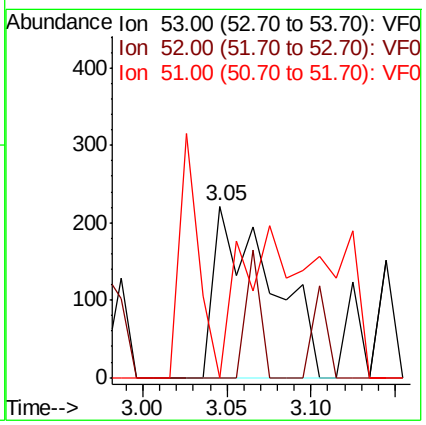


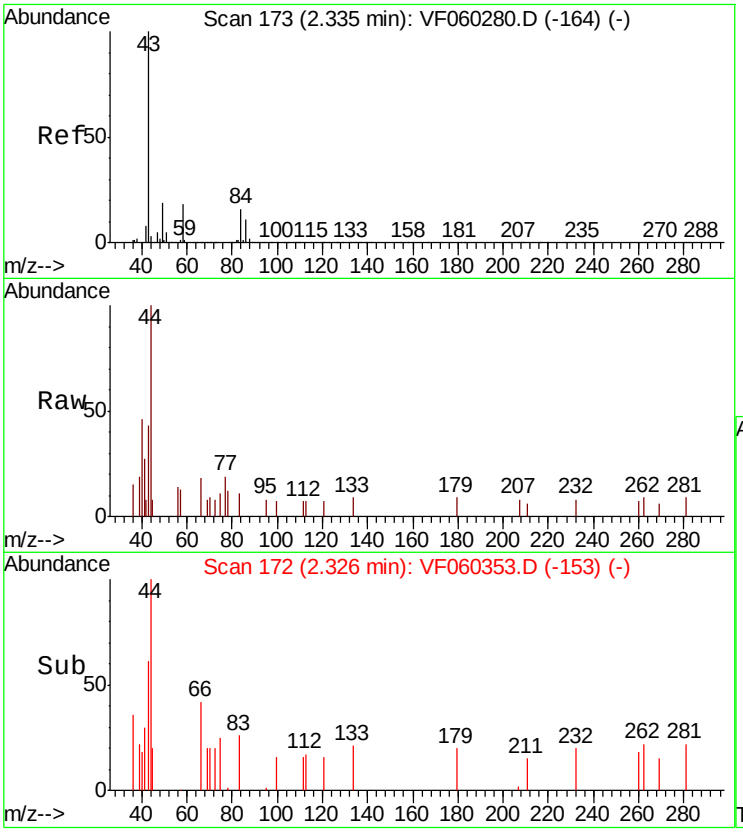


#15
Acrylonitrile
Concen: 8.058 ug/l
RT: 3.05 min Scan# 245
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 53 Resp: 518

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.5	104.3#
51	0.0	38.1	57.1#



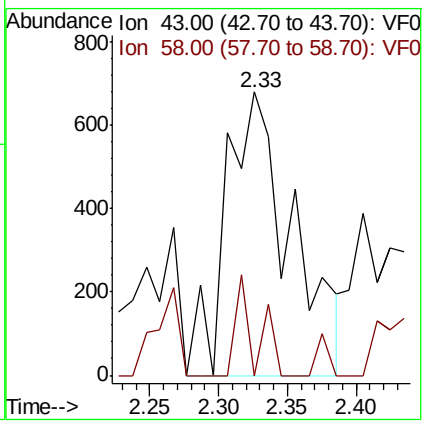


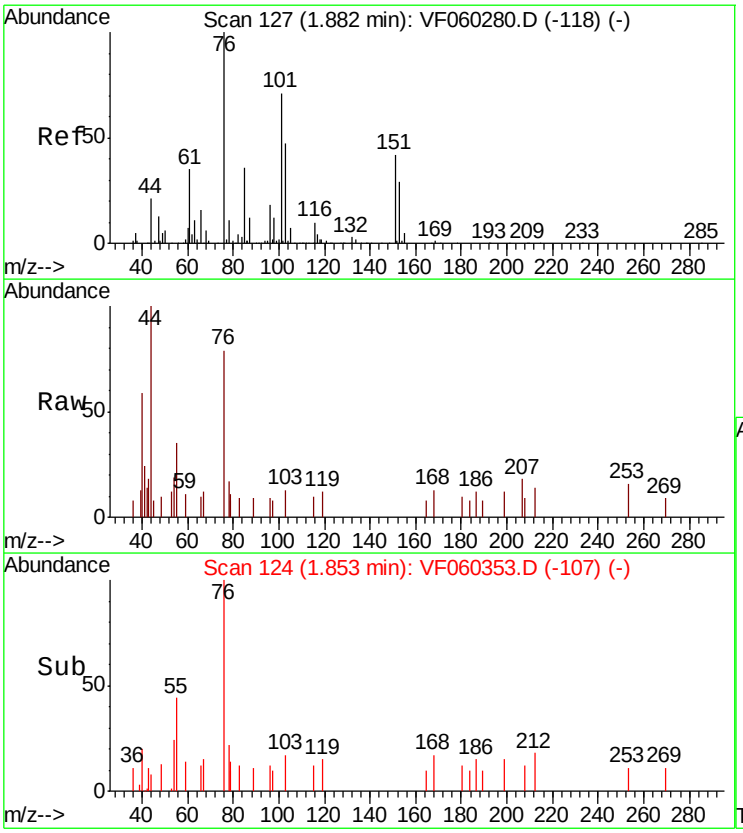
#16
Acetone
Concen: 17.576 ug/l
RT: 2.33 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 43 Resp: 2253

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.5	21.7#

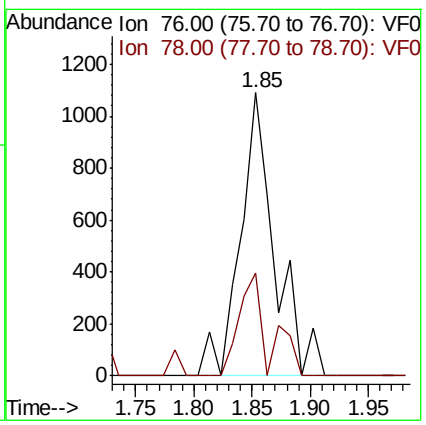


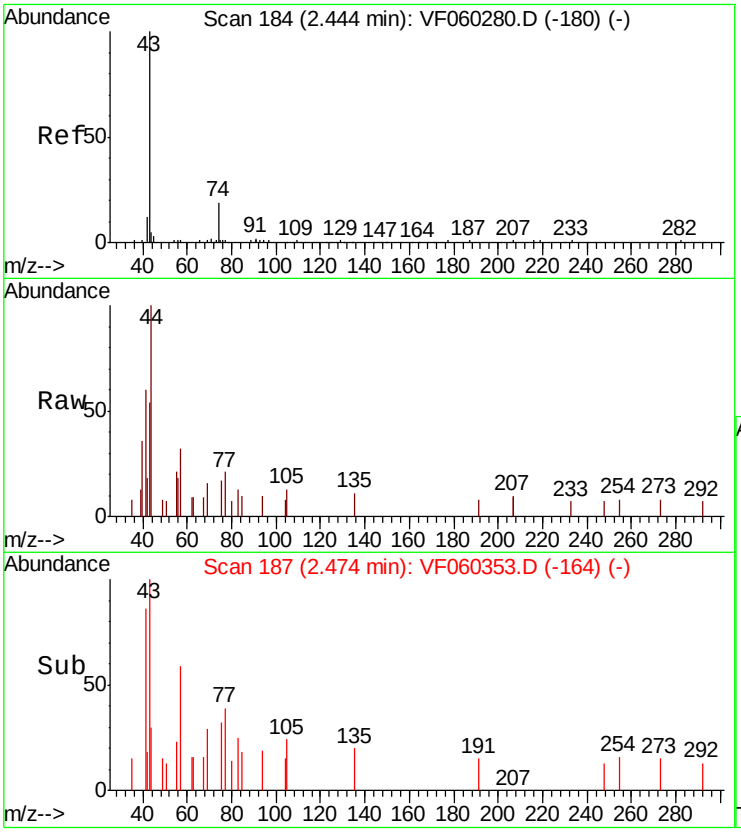


#17
Carbon Disulfide
Concen: Below Cal
RT: 1.85 min Scan# 124
Delta R.T. -0.03 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 76 Resp: 2238

Ion	Ratio	Lower	Upper
76	100		
78	36.2	9.4	14.0#



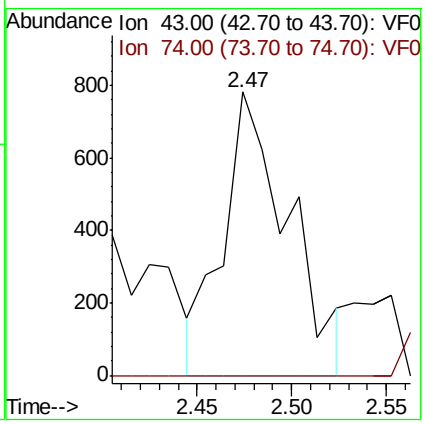


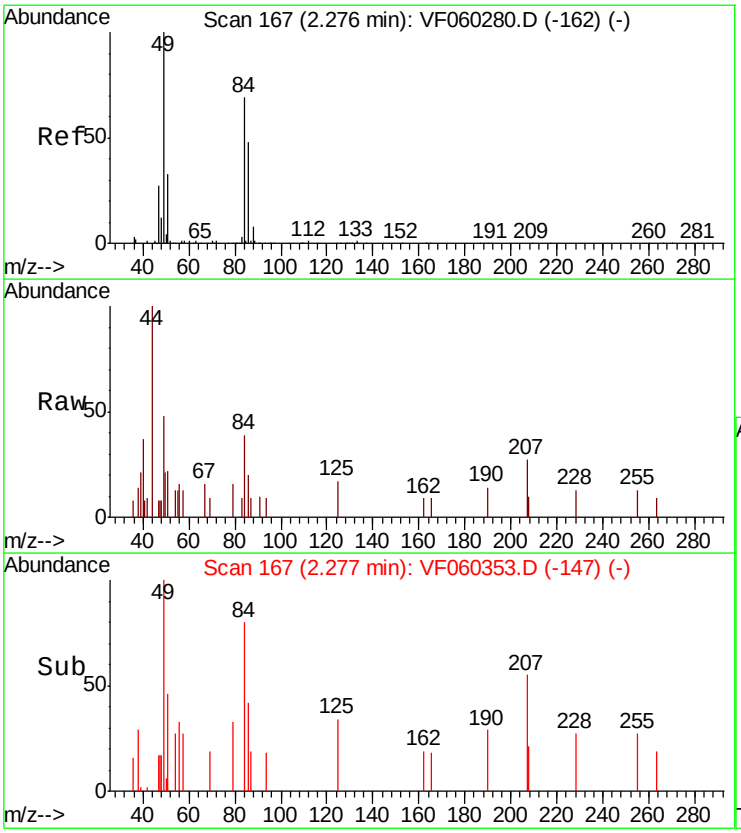
#18
Methyl Acetate
Concen: 8.747 ug/l
RT: 2.47 min Scan# 187
Delta R.T. 0.03 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 43 Resp: 1868

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.7	19.1#

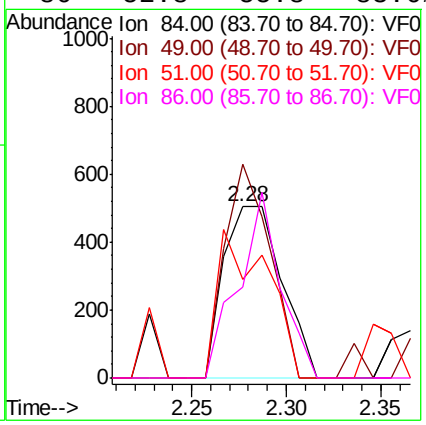


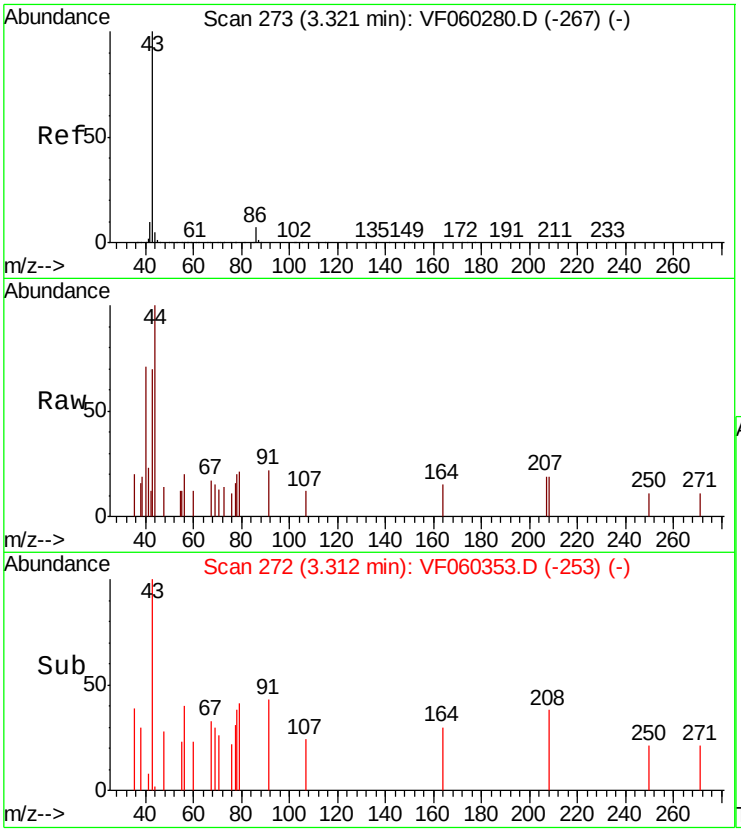


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 84 Resp: 1078

Ion	Ratio	Lower	Upper
84	100		
49	124.8	118.3	177.5
51	57.7	38.7	58.1
86	52.8	55.8	83.6#



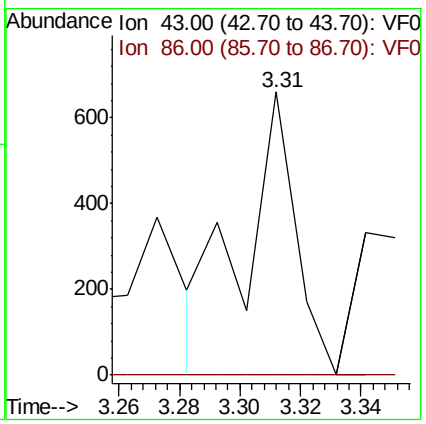


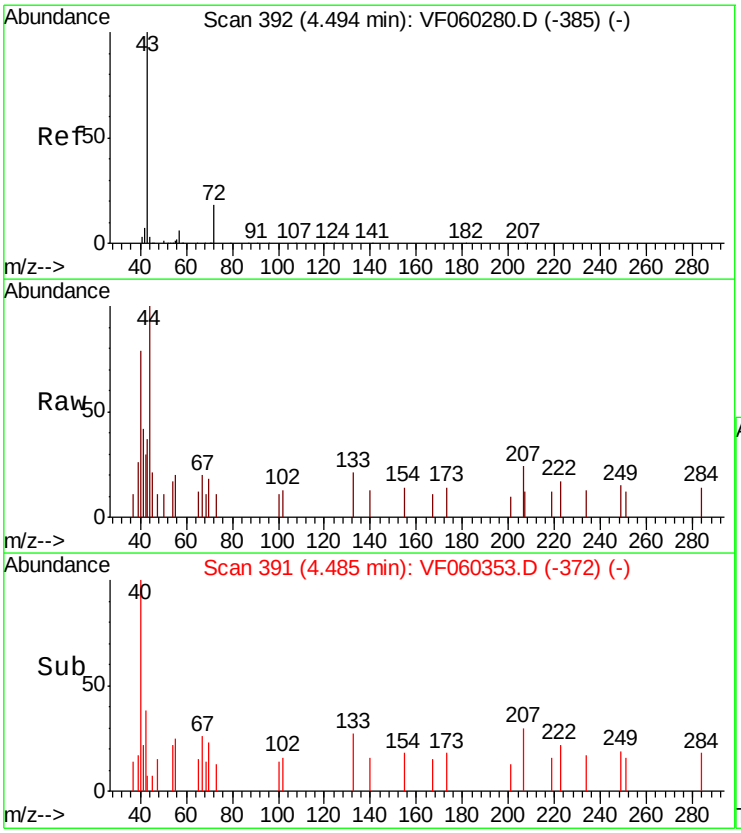
#23
Vinyl Acetate
Concen: 1.590 ug/l
RT: 3.31 min Scan# 272
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 43 Resp: 791

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#

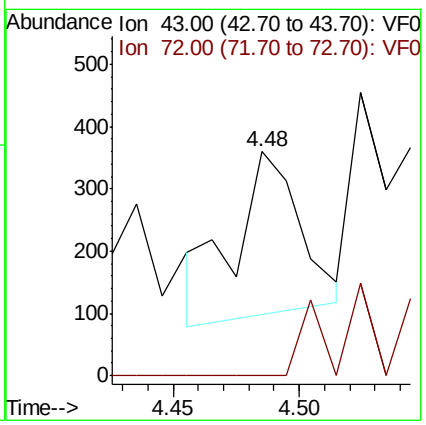


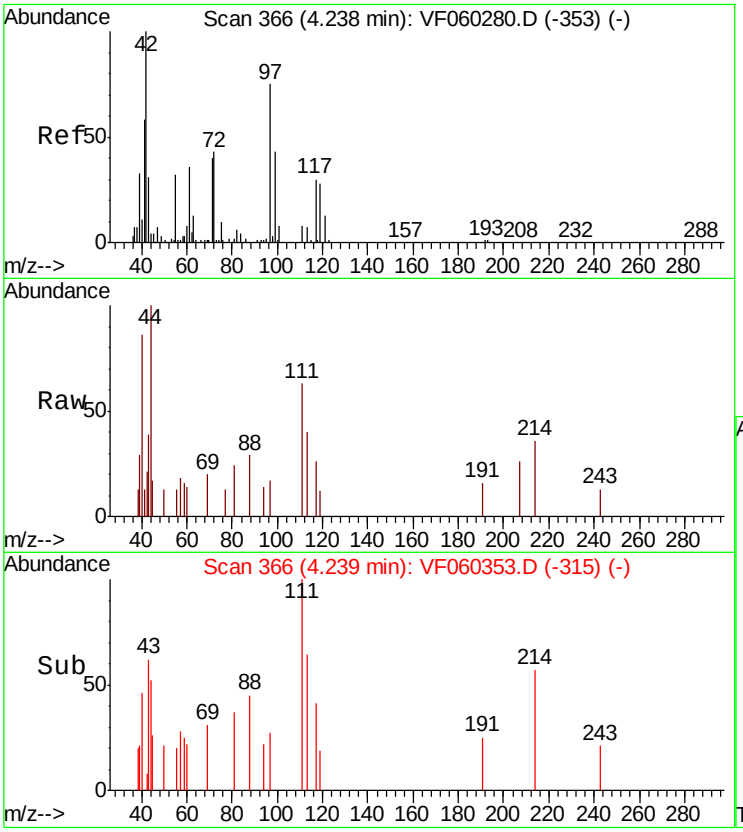


#25
2-Butanone
Concen: 2.730 ug/l
RT: 4.48 min Scan# 391
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 43 Resp: 471

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#



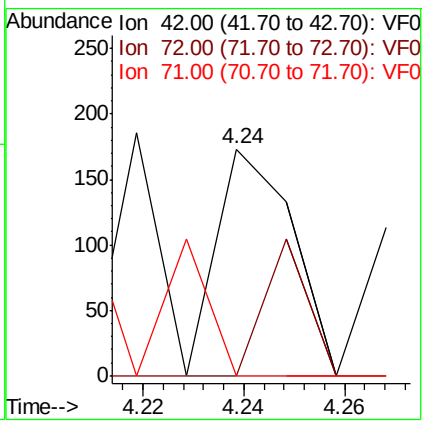


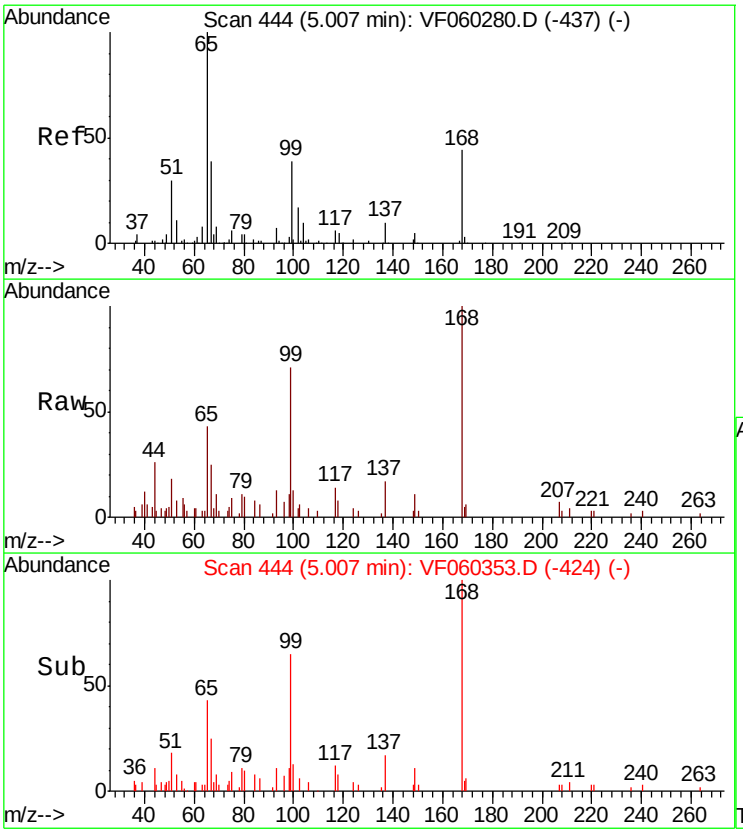
#29
Tetrahydrofuran
Concen: 2.865 ug/l
RT: 4.24 min Scan# 366
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 42 Resp: 181

Ion	Ratio	Lower	Upper
42	100		
72	34.3	32.6	49.0
71	0.0	32.7	49.1#

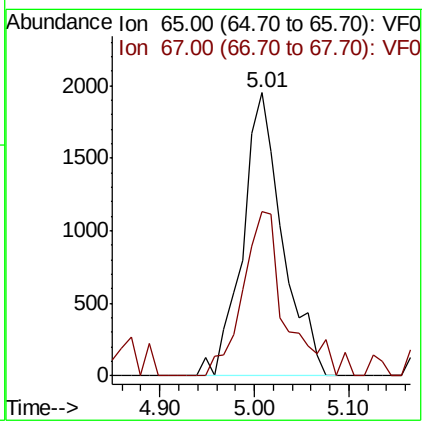


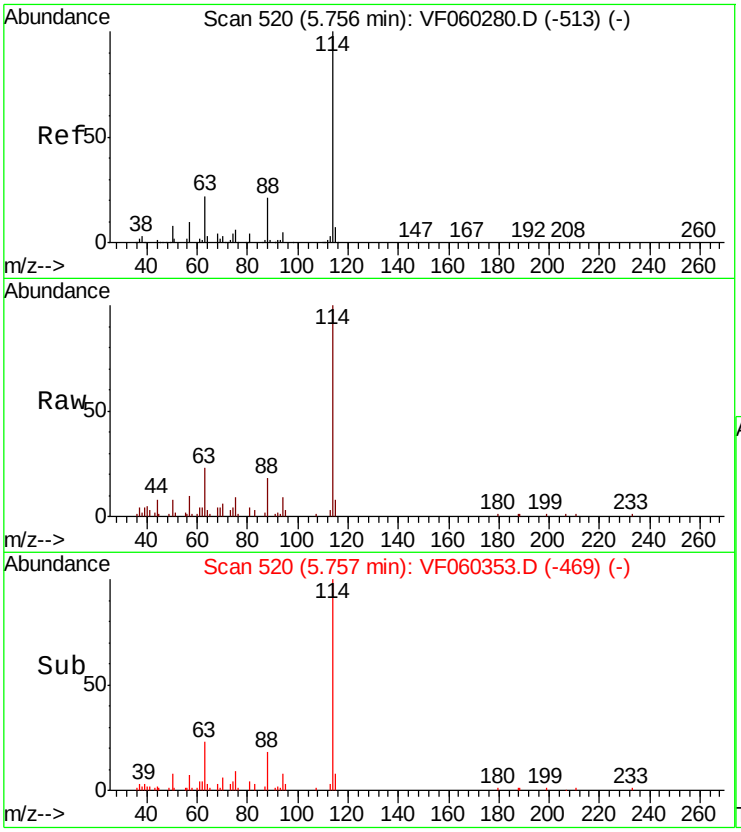


#33
1,2-Dichloroethane-d4
Concen: 12.540 ug/l
RT: 5.01 min Scan# 444
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 65 Resp: 5708

Ion	Ratio	Lower	Upper
65	100		
67	57.9	0.0	94.4



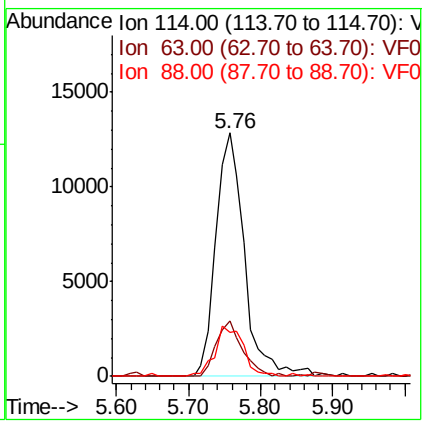


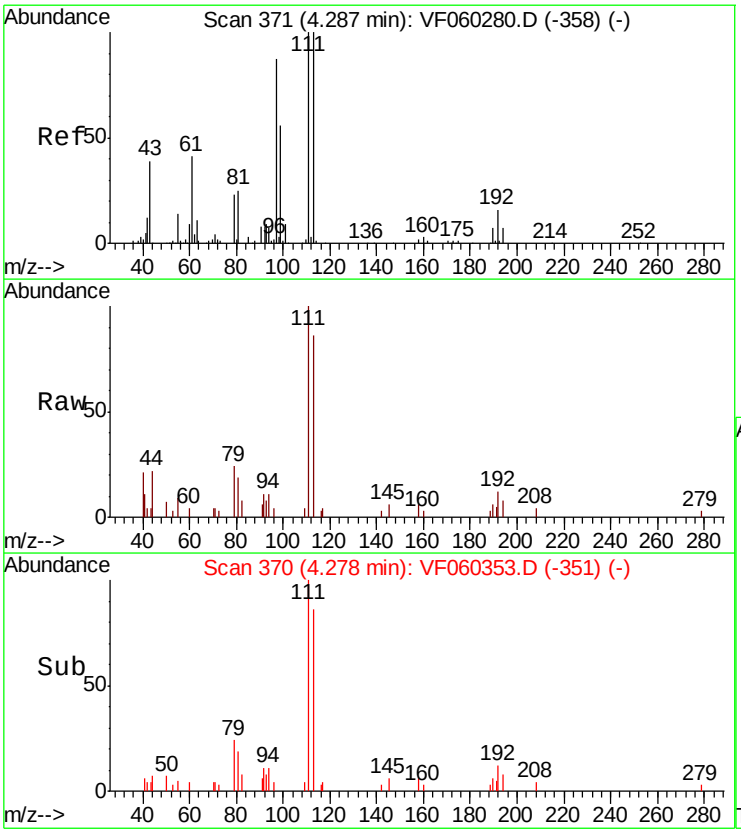
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion:114 Resp: 35322

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	43.8
88	17.9	0.0	41.2

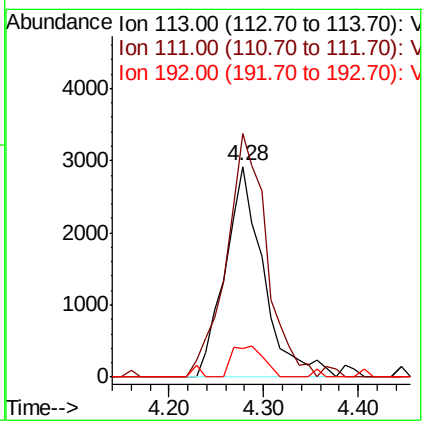


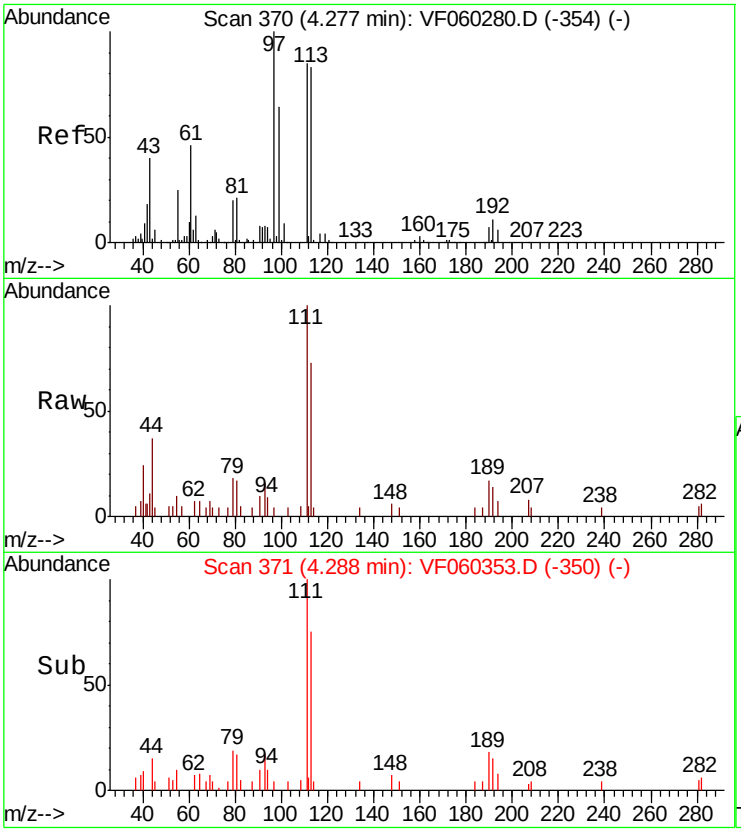


#35
Dibromofluoromethane
Concen: 26.001 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:113 Resp: 8187

Ion	Ratio	Lower	Upper
113	100		
111	115.8	79.6	119.4
192	13.7	13.0	19.6



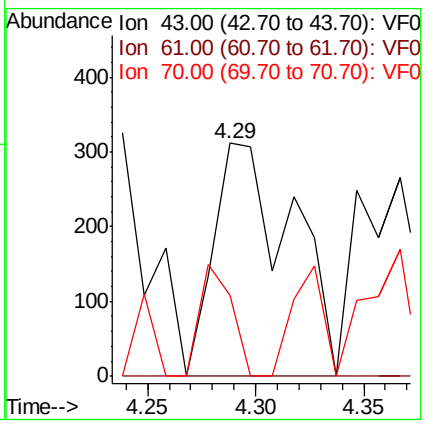


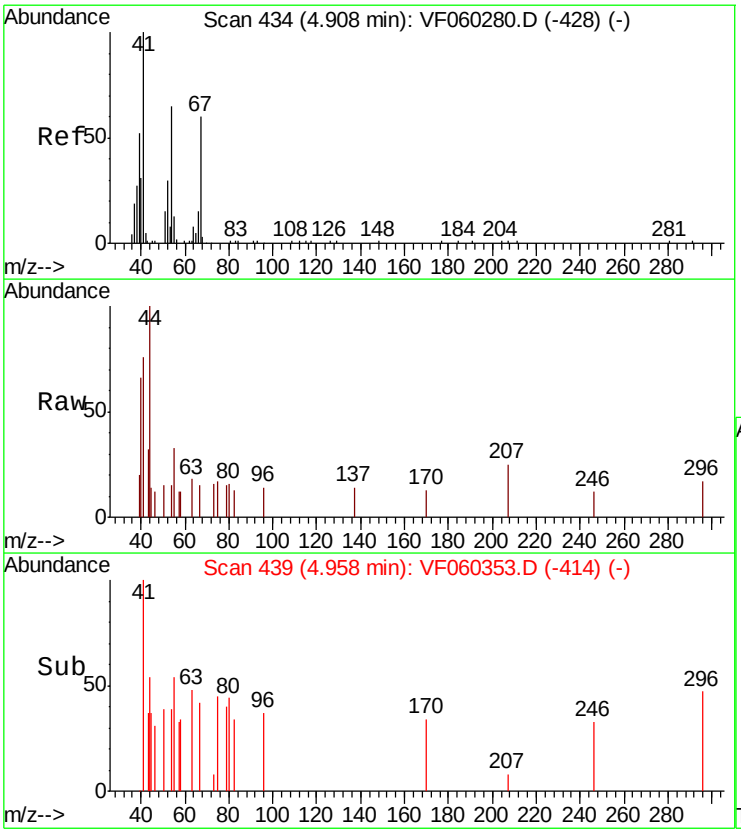
#37
Ethyl Acetate
Concen: 4.184 ug/l
RT: 4.29 min Scan# 371
Delta R.T. 0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 43 Resp: 780

Ion	Ratio	Lower	Upper
43	100		
61	0.0	91.1	136.7#
70	34.6	6.9	10.3#

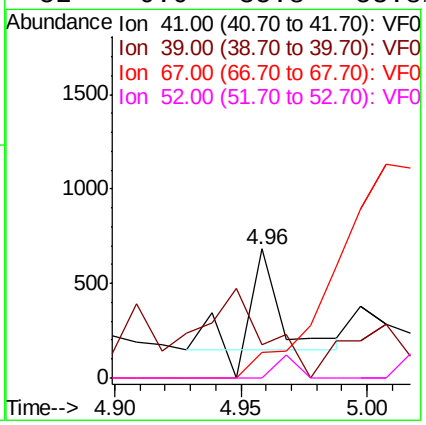


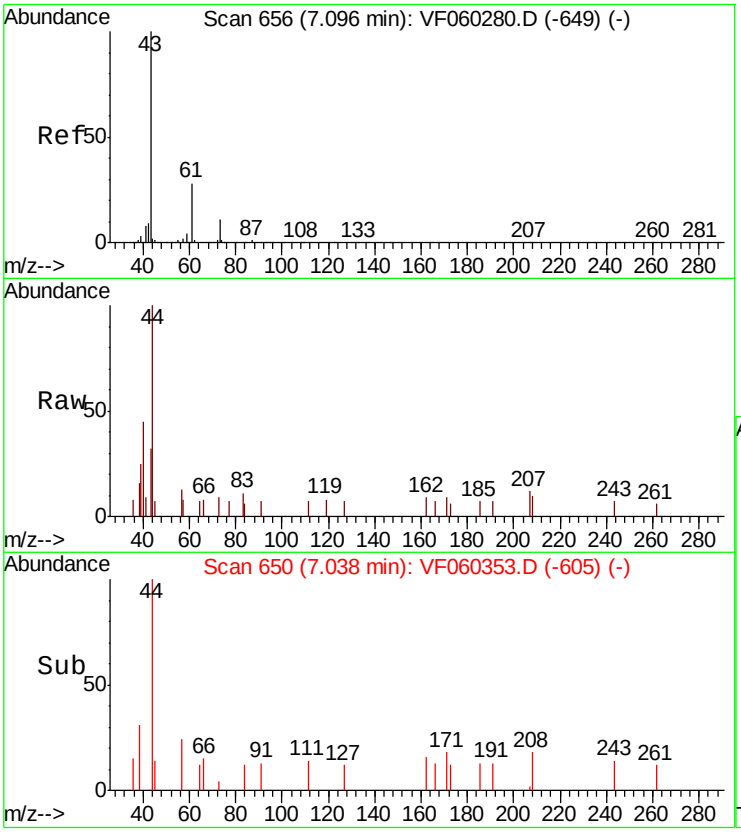


#41
Methacrylonitrile
Concen: 4.498 ug/l
RT: 4.96 min Scan# 439
Delta R.T. 0.05 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 41 Resp: 455

Ion	Ratio	Lower	Upper
41	100		
39	26.1	49.1	73.7#
67	20.2	48.2	72.4#
52	0.0	35.8	53.8#



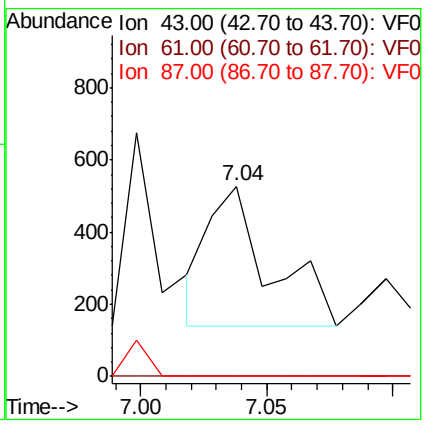


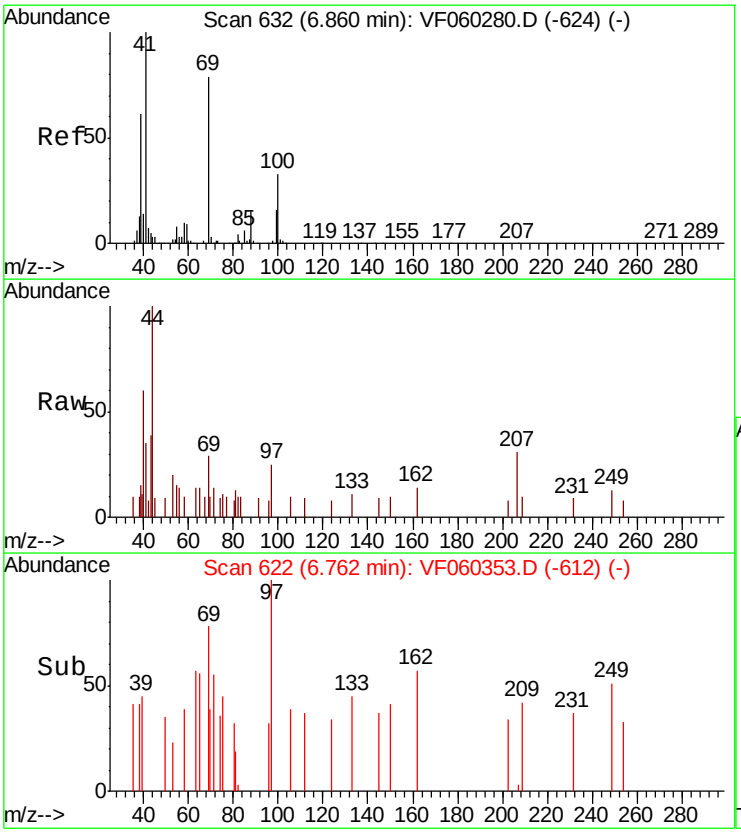
#43
Isopropyl Acetate
Concen: 2.927 ug/l
RT: 7.04 min Scan# 650
Delta R.T. -0.06 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	0.6	0.8#

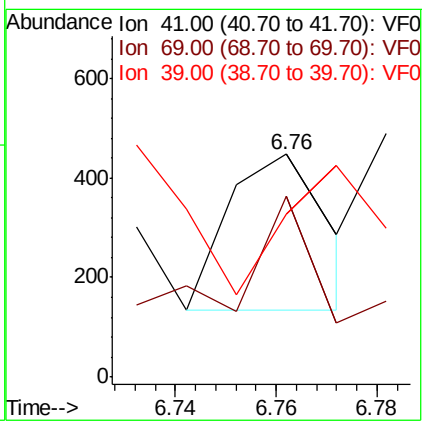


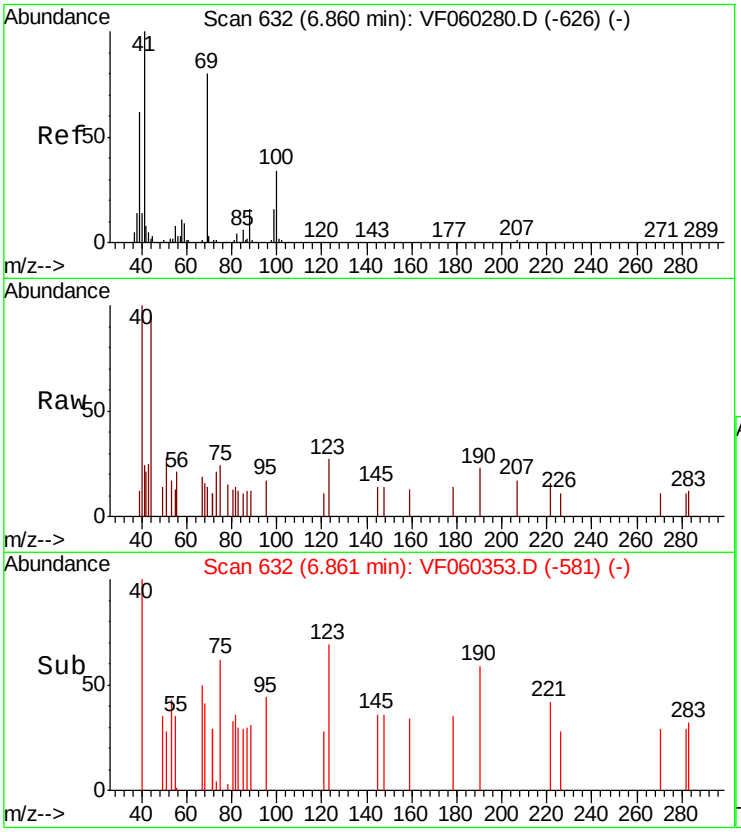


#48
Methyl methacrylate
Concen: 2.698 ug/l
RT: 6.76 min Scan# 622
Delta R.T. -0.10 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 41 Resp: 425

Ion	Ratio	Lower	Upper
41	100		
69	81.3	62.6	94.0
39	73.2	49.1	73.7



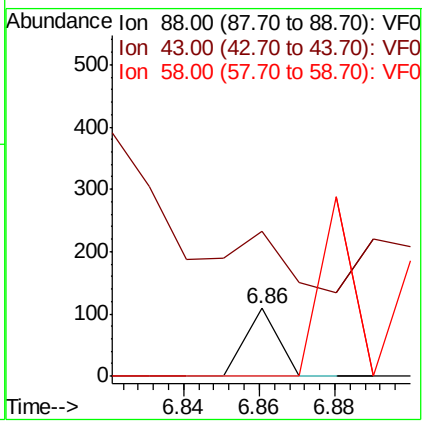


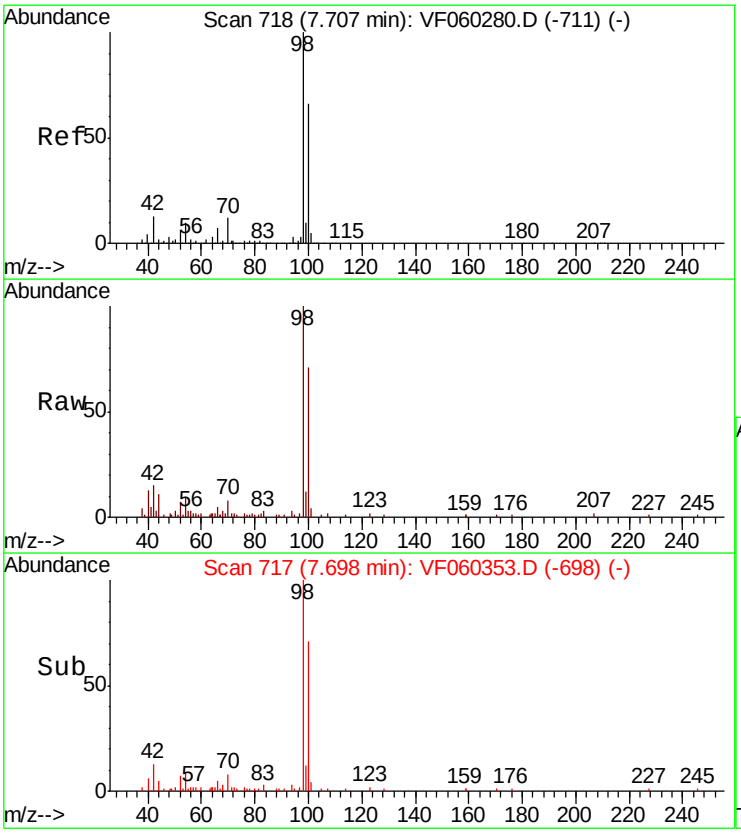
#49
1,4-Dioxane
Concen: 45.471 ug/l
RT: 6.86 min Scan# 632
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	212.8	40.2	60.4#
58	0.0	56.7	85.1#

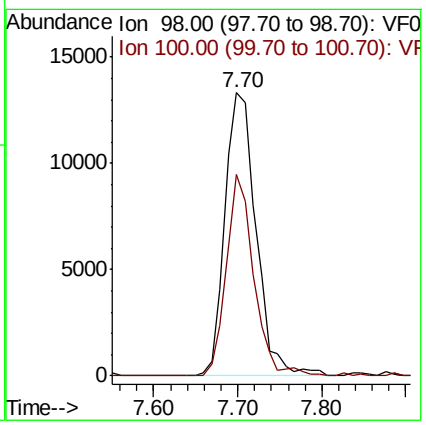


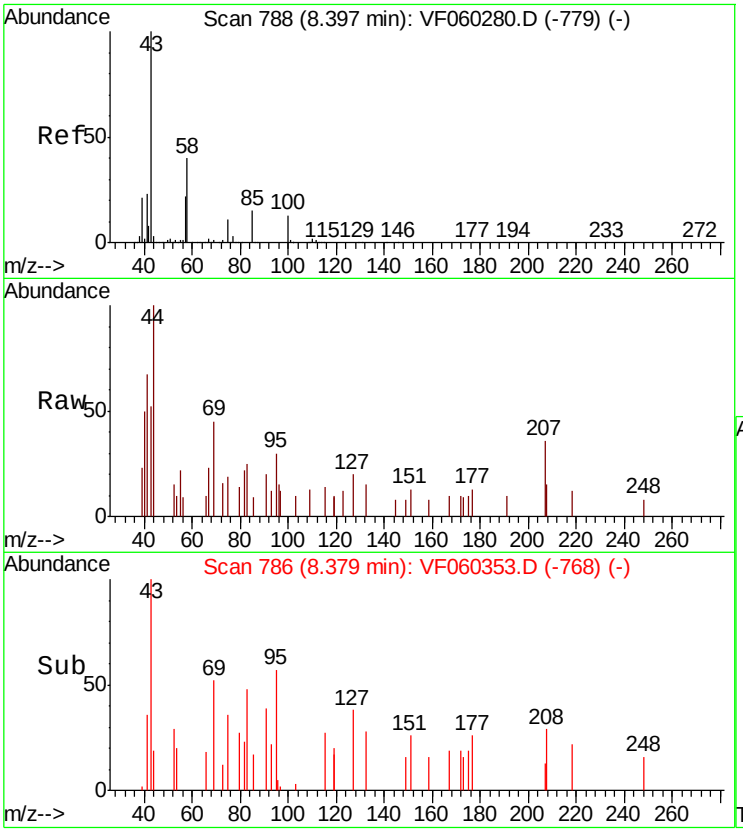


#50
Toluene-d8
Concen: 41.763 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 98 Resp: 34245

Ion	Ratio	Lower	Upper
98	100		
100	71.2	53.0	79.6



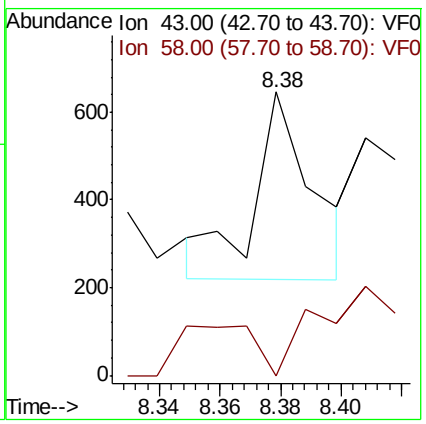


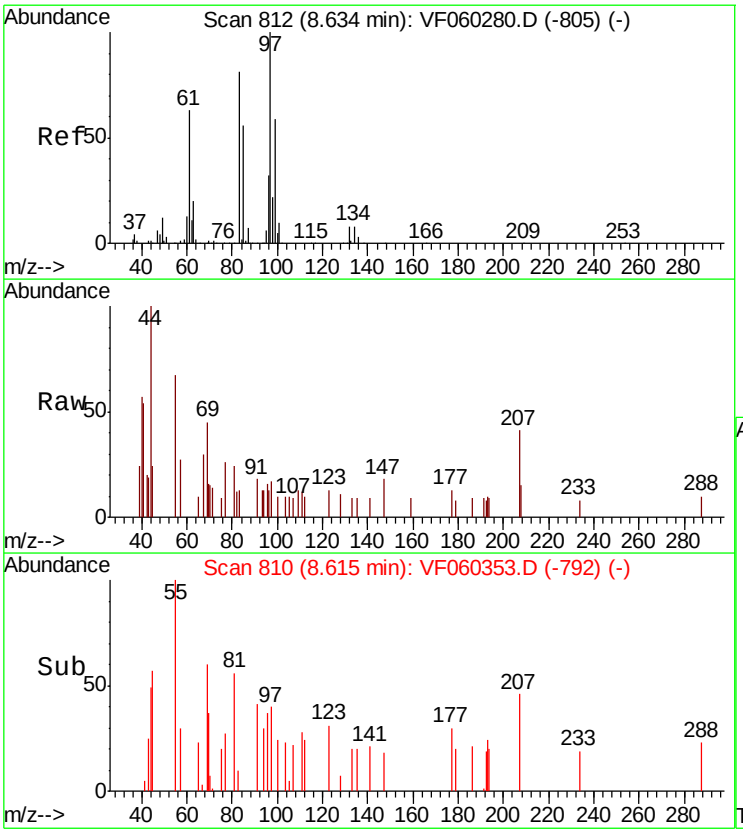
#51
4-Methyl-2-Pentanone
Concen: 3.278 ug/l
RT: 8.38 min Scan# 786
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion: 43 Resp: 567

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.8#

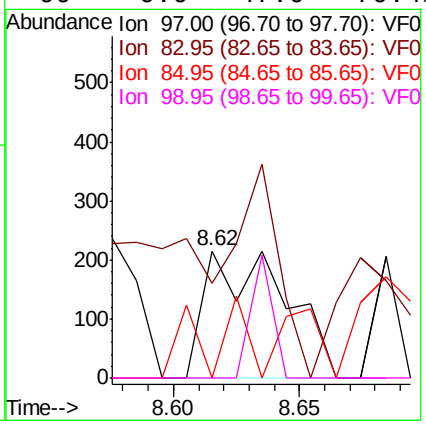


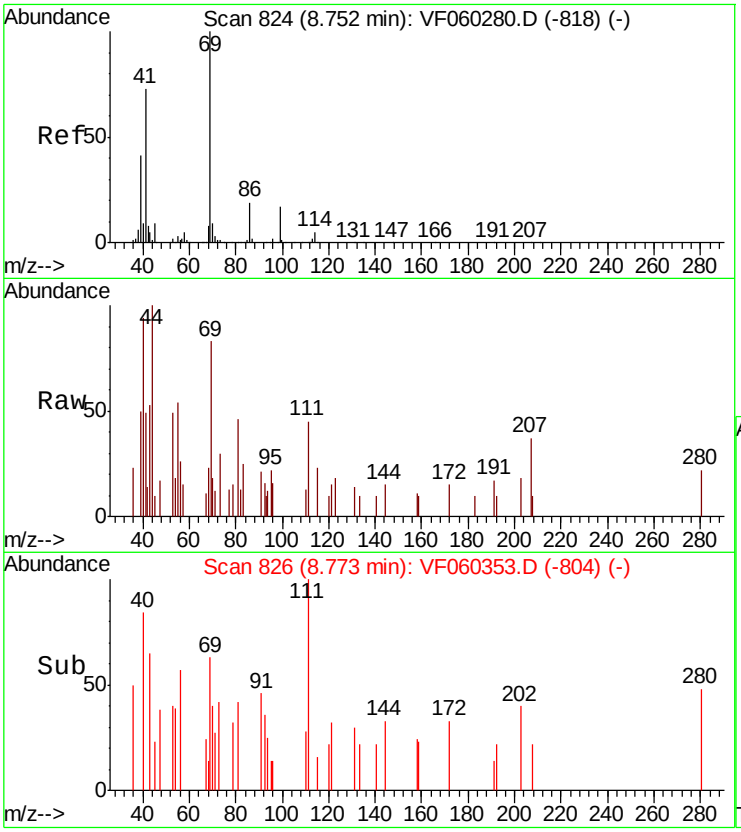


#55
1,1,2-Trichloroethane
Concen: 2.481 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 97 Resp: 476

Ion	Ratio	Lower	Upper
97	100		
83	74.9	65.3	97.9
85	0.0	44.7	67.1#
99	0.0	47.0	70.4#



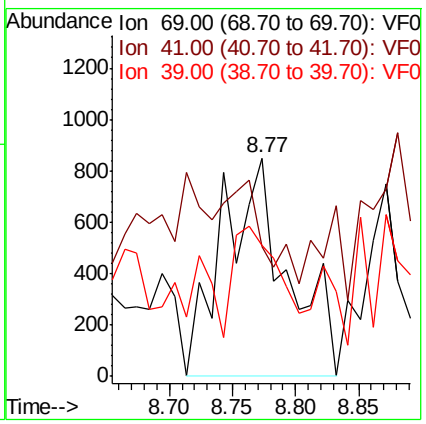


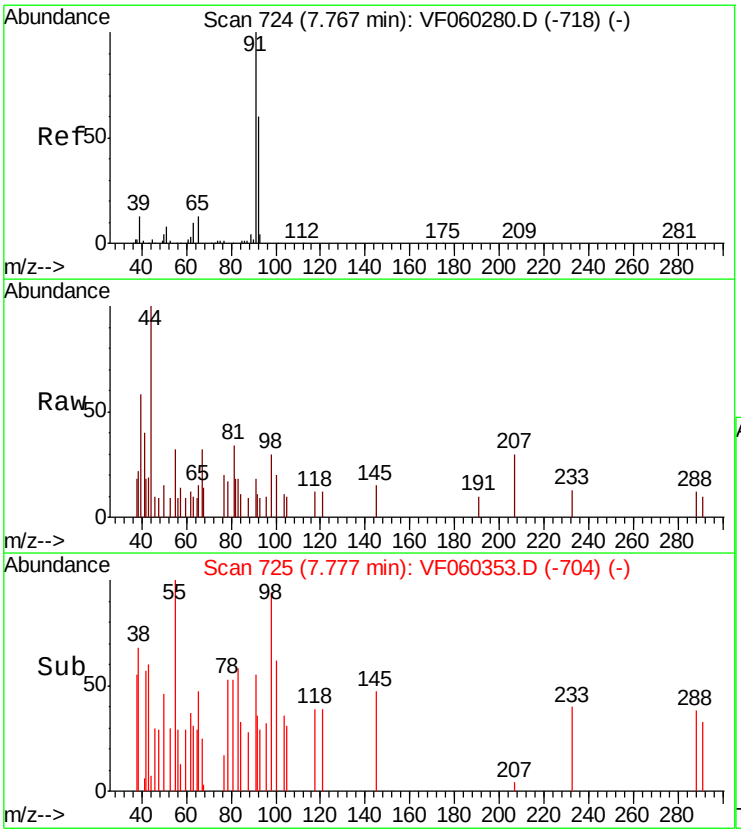
#56
Ethyl methacrylate
Concen: 13.057 ug/l
RT: 8.77 min Scan# 826
Delta R.T. 0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 69 Resp: 3025

Ion	Ratio	Lower	Upper
69	100		
41	59.1	59.4	89.2#
39	60.0	33.5	50.3#

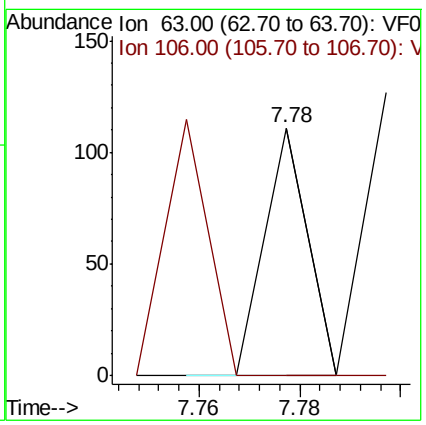


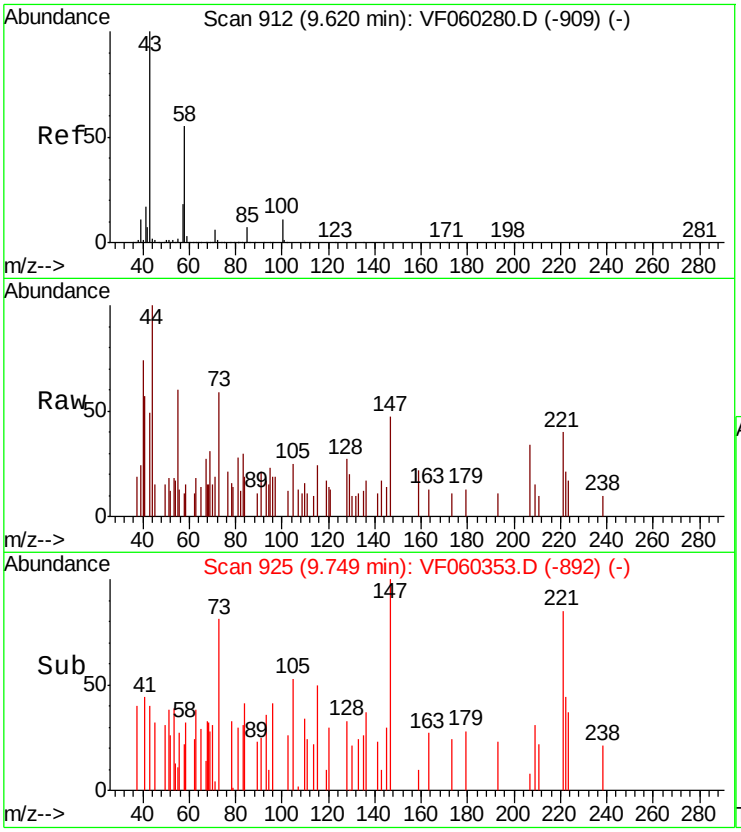


#58
2-Chloroethyl Vinyl ether
Concen: 3.223 ug/l
RT: 7.78 min Scan# 725
Delta R.T. 0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 63 Resp: 66

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



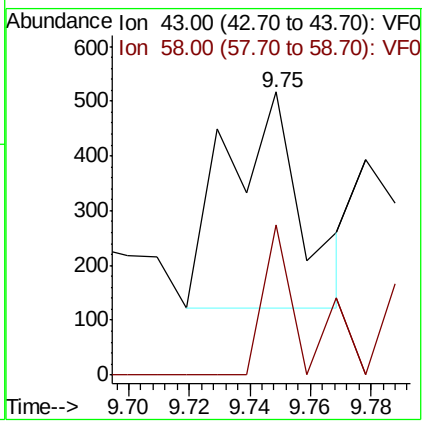


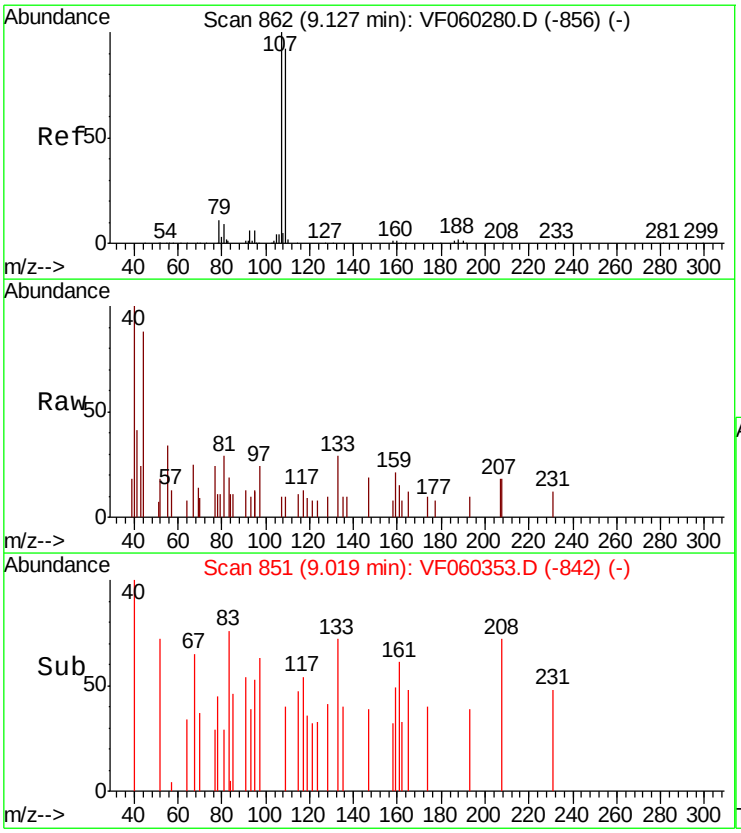
#59
2-Hexanone
Concen: 5.578 ug/l
RT: 9.75 min Scan# 925
Delta R.T. 0.13 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 43 Resp: 687

Ion	Ratio	Lower	Upper
43	100		
58	53.0	25.9	77.6

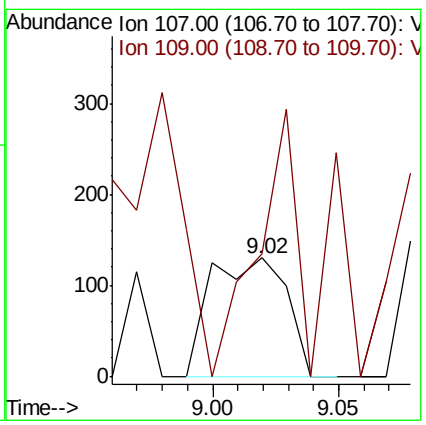


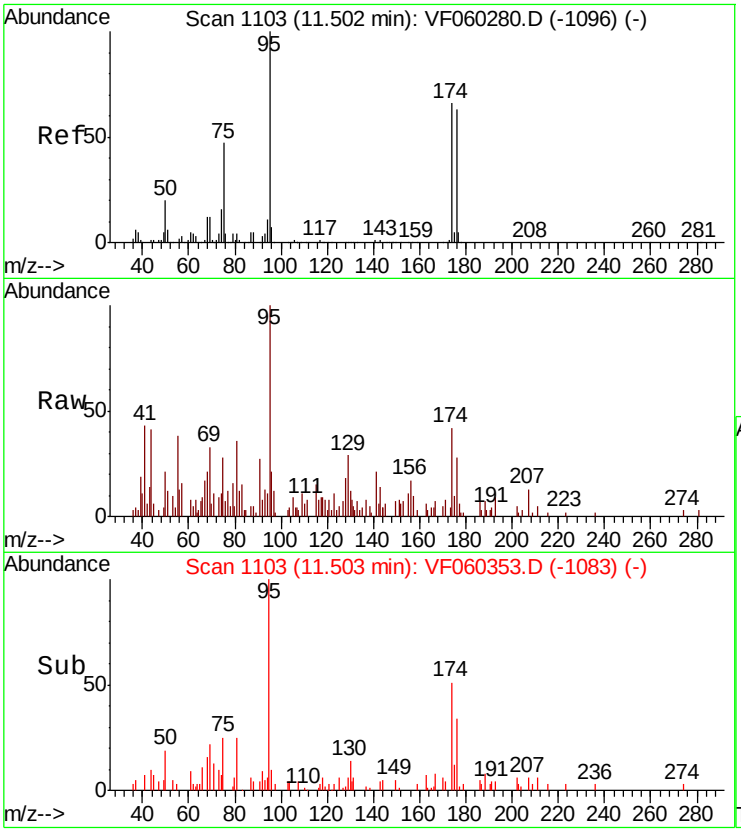


#61
1,2-Dibromoethane
Concen: 1.278 ug/l
RT: 9.02 min Scan# 851
Delta R.T. -0.11 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:107 Resp: 273

Ion	Ratio	Lower	Upper
107	100		
109	103.1	73.2	109.8



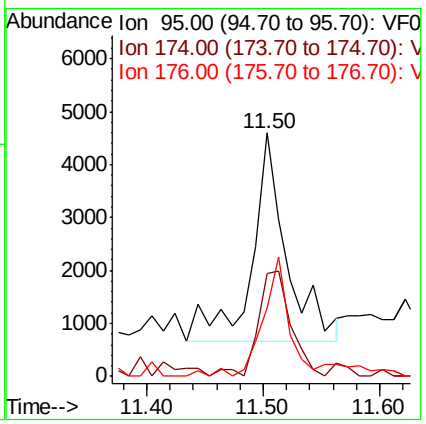


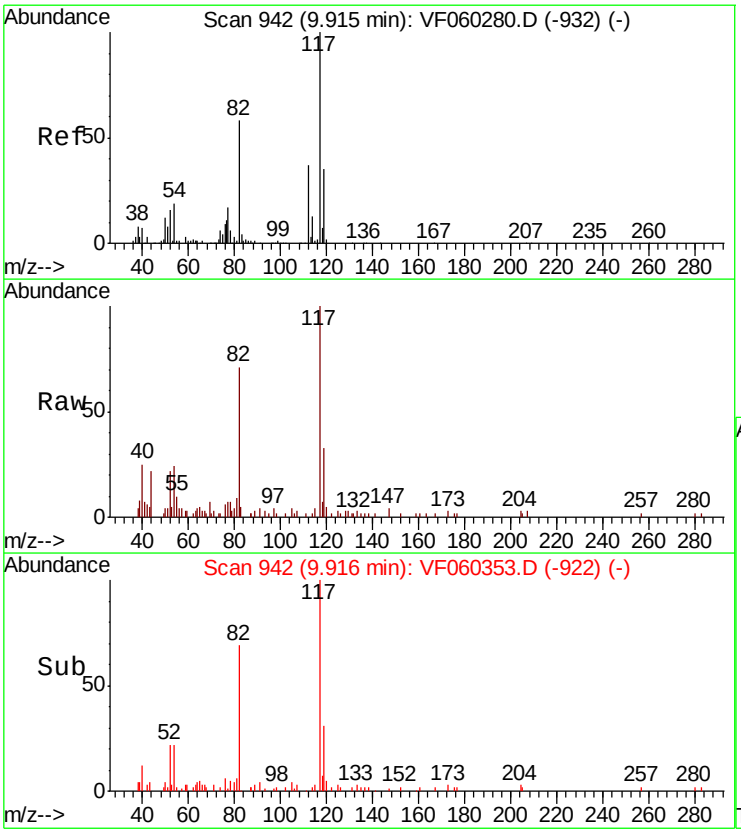
#62
4-Bromofluorobenzene
Concen: 22.821 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 95 Resp: 8089

Ion	Ratio	Lower	Upper
95	100		
174	42.0	0.0	131.2
176	28.0	0.0	126.6

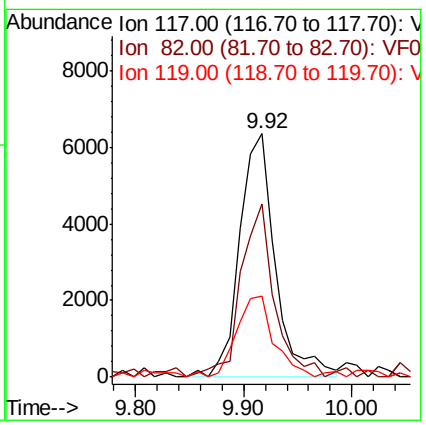


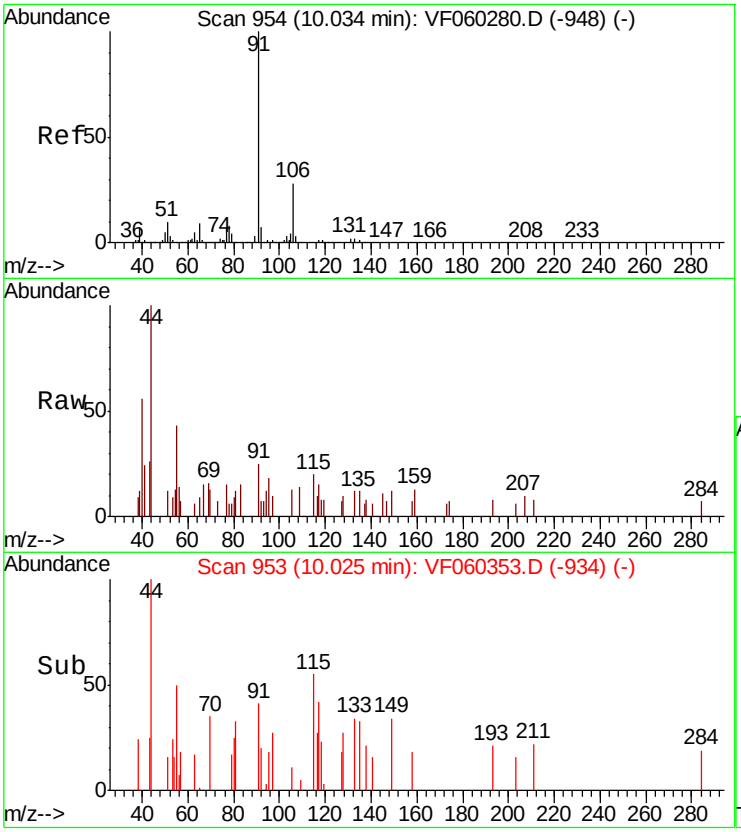


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:117 Resp: 14660

Ion	Ratio	Lower	Upper
117	100		
82	70.9	46.2	69.2#
119	33.2	27.8	41.6



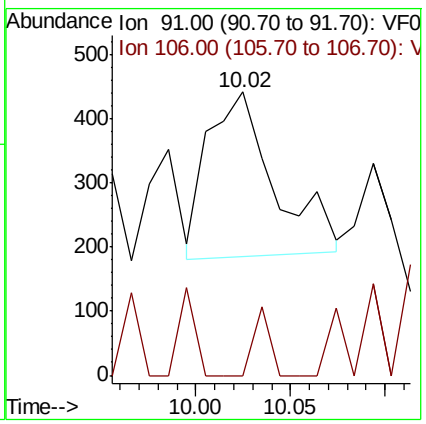


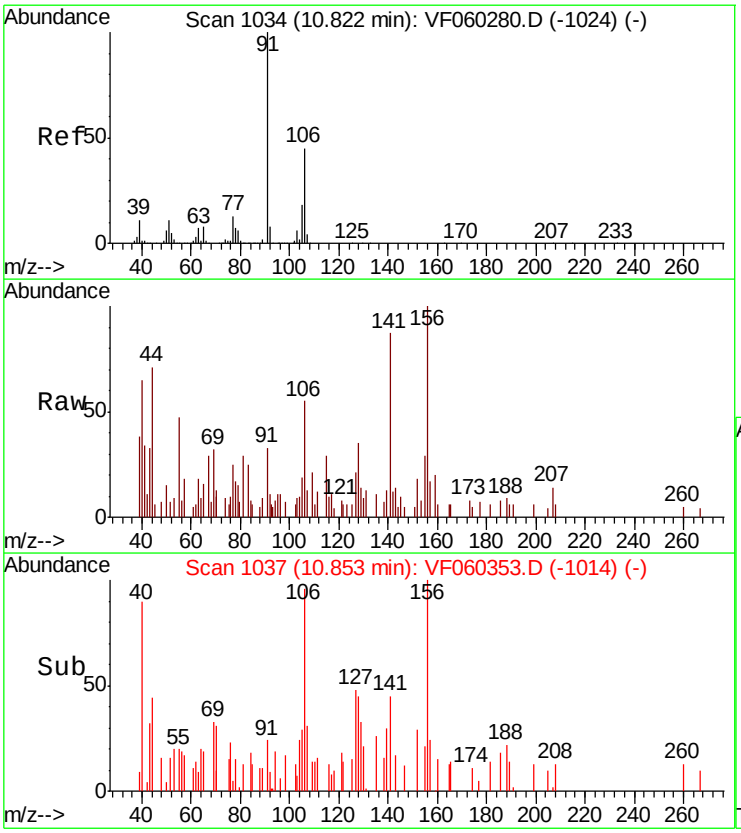
#67
Ethyl Benzene
Concen: 1.026 ug/l
RT: 10.02 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 91 Resp: 630

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.7	34.1#

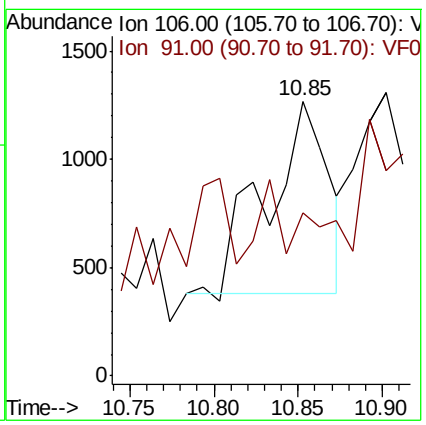


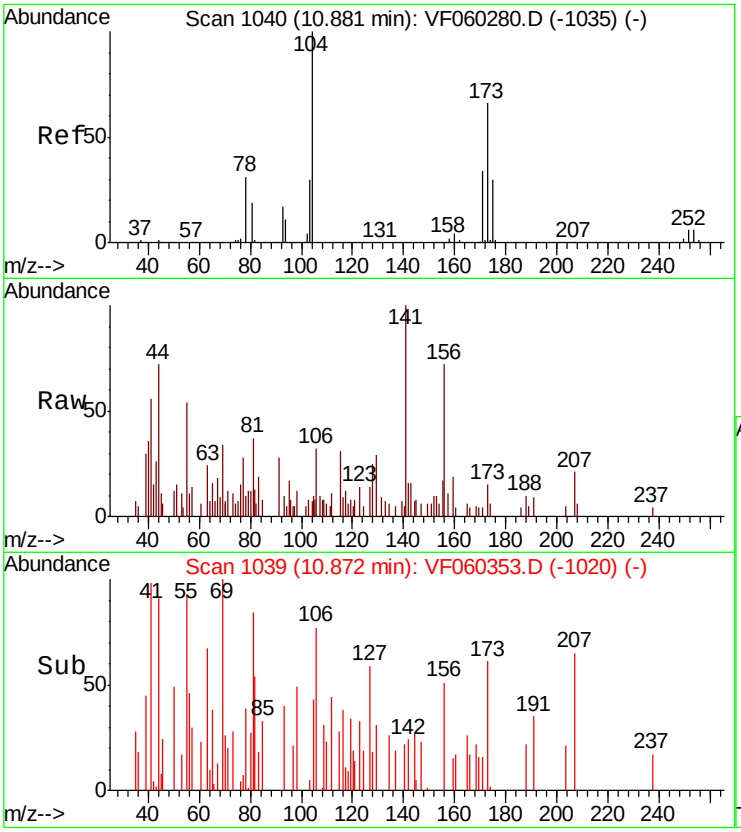


#69
o-Xylene
Concen: 9.472 ug/l
RT: 10.85 min Scan# 1037
Delta R.T. 0.03 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:106 Resp: 2255

Ion	Ratio	Lower	Upper
106	100		
91	59.3	110.9	332.6#



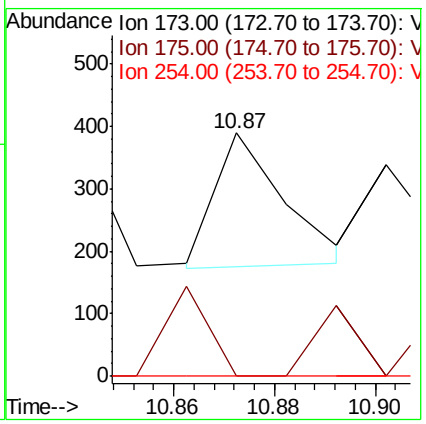


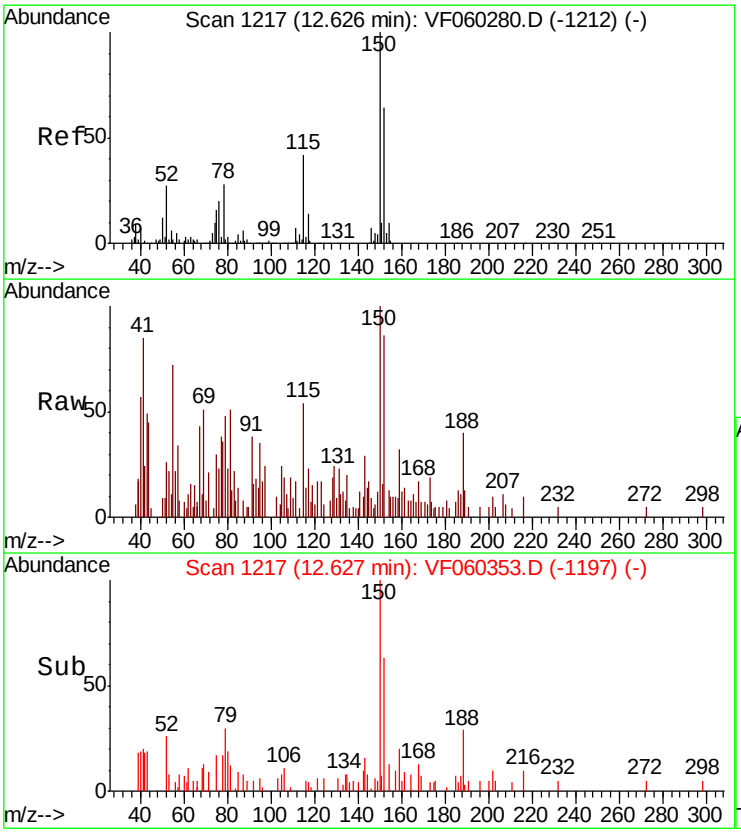
#71
Bromoform
Concen: 2.694 ug/l
RT: 10.87 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion:173 Resp: 204

Ion	Ratio	Lower	Upper
173	100		
175	0.0	22.3	66.9#
254	0.0	0.0	0.0

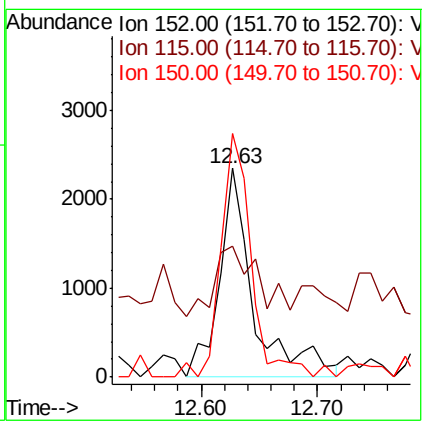


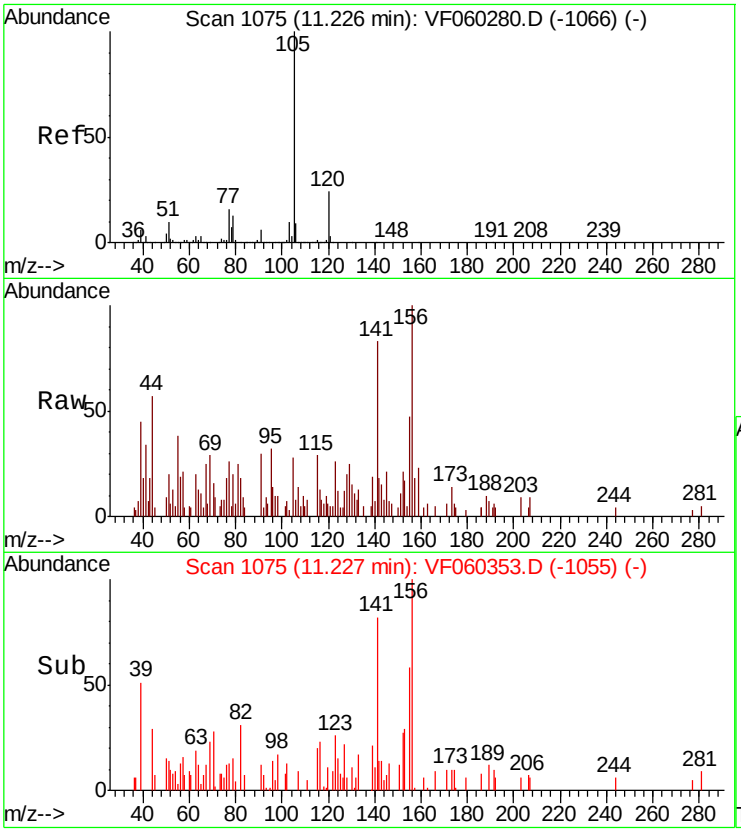


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:152 Resp: 4780

Ion	Ratio	Lower	Upper
152	100		
115	62.4	32.6	97.8
150	116.5	0.0	314.2



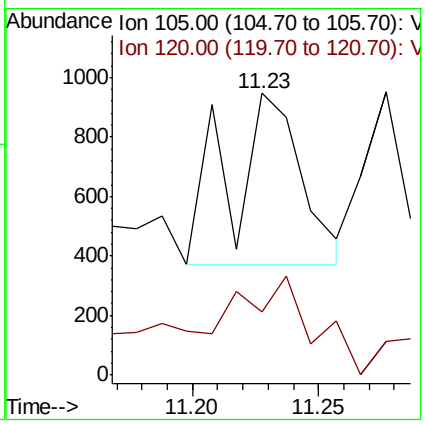


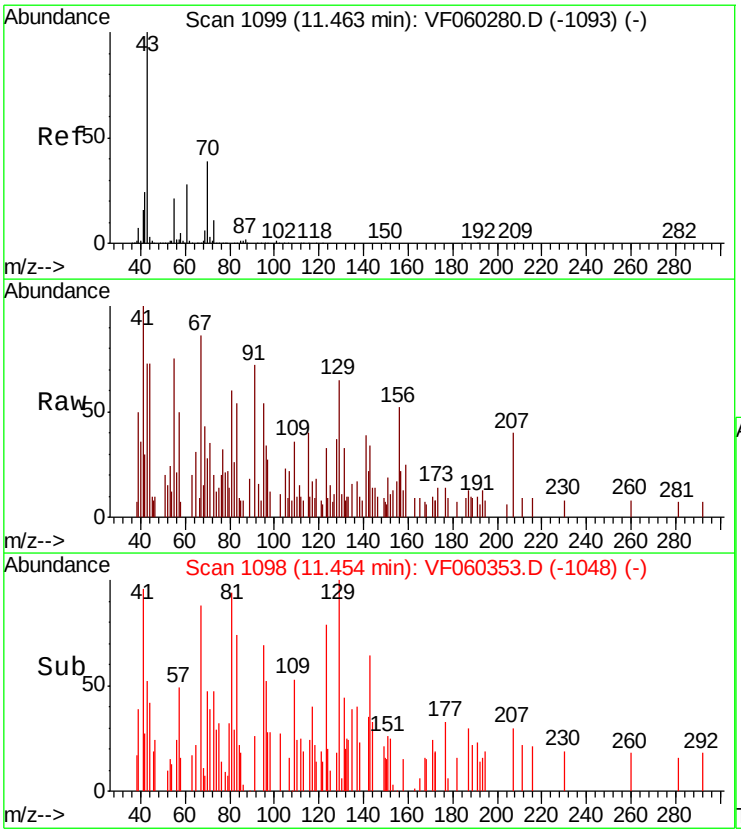
#73
Isopropylbenzene
Concen: 2.647 ug/l
RT: 11.23 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion:105 Resp: 1136

Ion	Ratio	Lower	Upper
105	100		
120	22.4	12.2	36.6

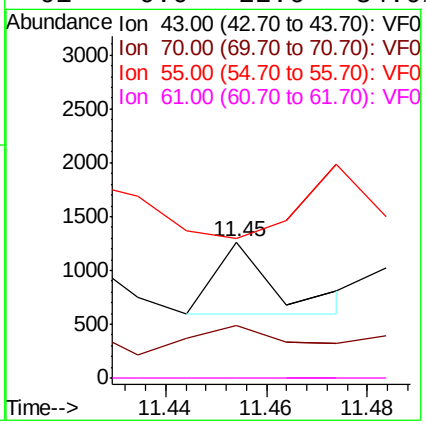


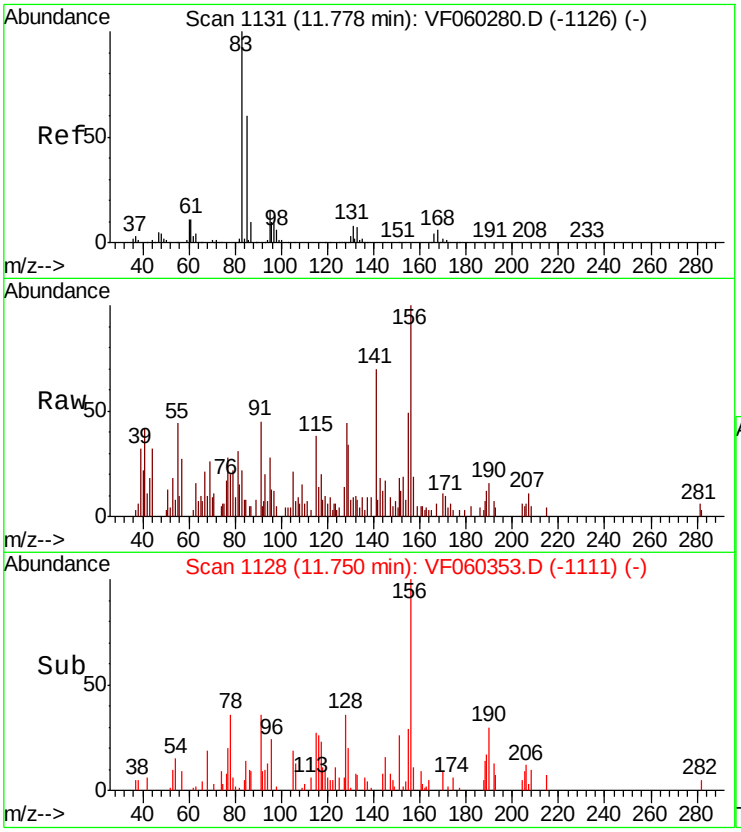


#74
N-amyl acetate
Concen: 6.131 ug/l
RT: 11.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 43 Resp: 561

Ion	Ratio	Lower	Upper
43	100		
70	38.6	31.4	47.2
55	103.2	16.8	25.2#
61	0.0	22.6	34.0#



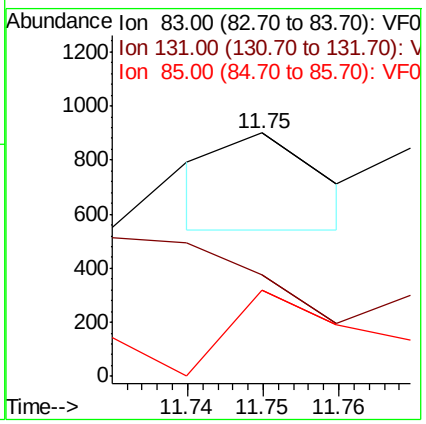


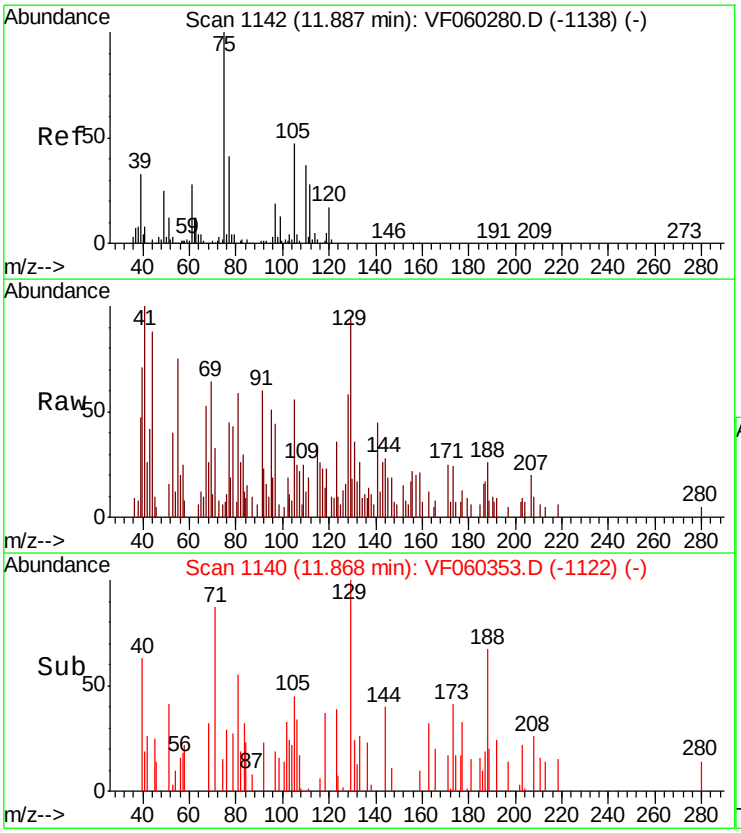
#75
1,1,2,2-Tetrachloroethane
Concen: 4.103 ug/l
RT: 11.75 min Scan# 1128
Delta R.T. -0.03 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 83 Resp: 312

Ion	Ratio	Lower	Upper
83	100		
131	41.7	4.2	12.4#
85	35.4	30.1	90.5

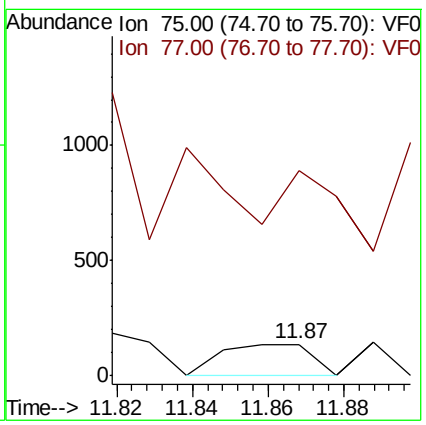


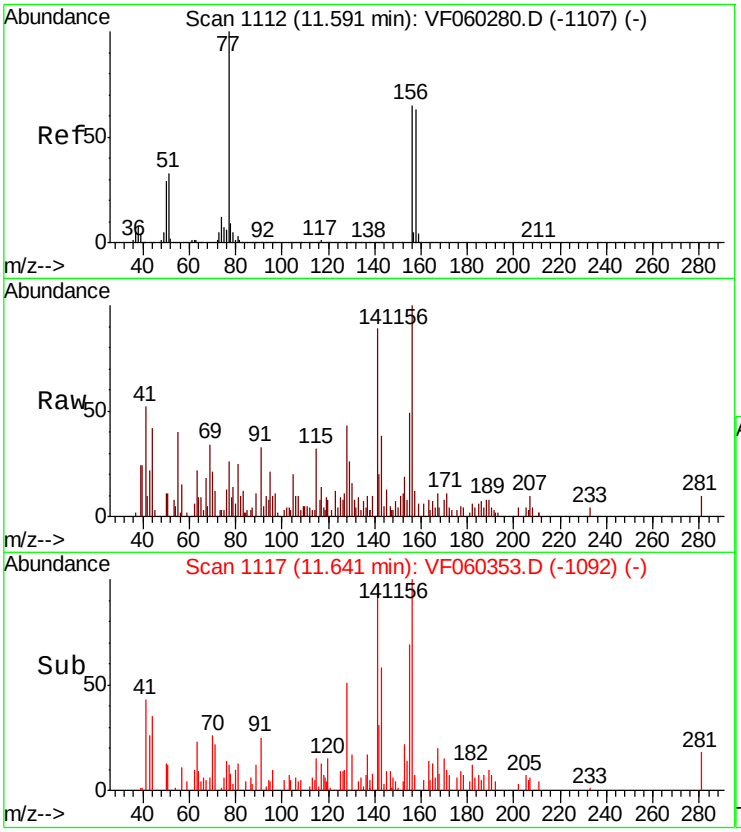


#76
1,2,3-Trichloropropane
Concen: 4.169 ug/l
RT: 11.87 min Scan# 1140
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 75 Resp: 227

Ion	Ratio	Lower	Upper
75	100		
77	653.7	20.5	61.5#



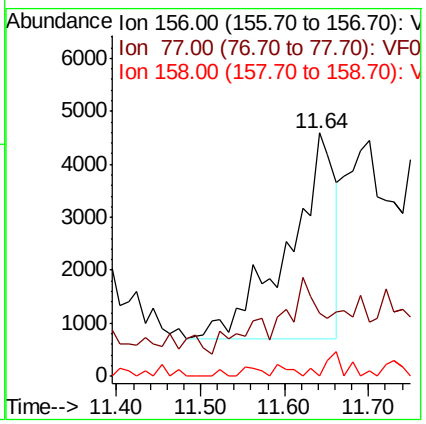


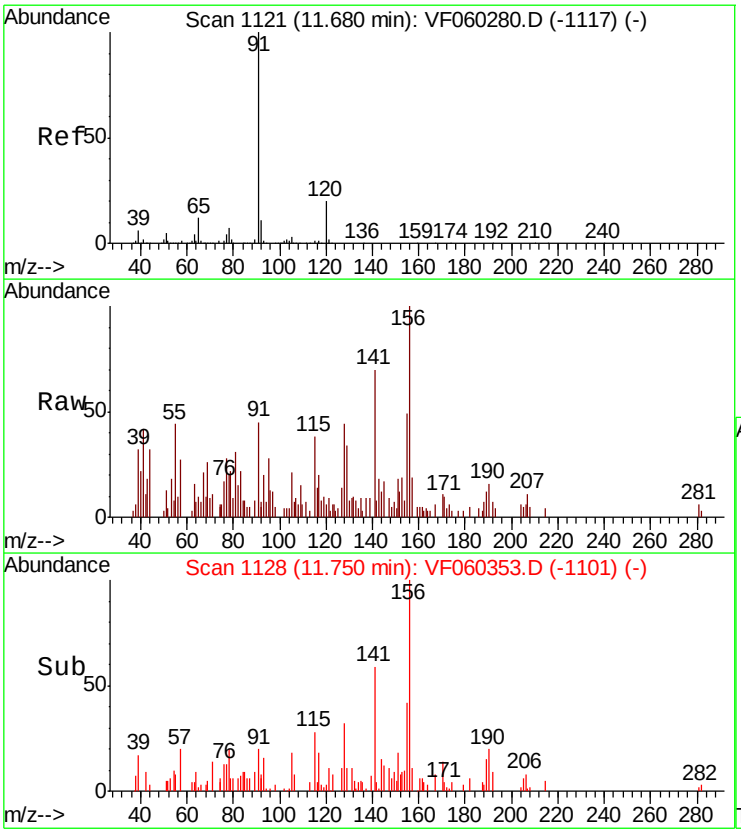
#77
Bromobenzene
Concen: 160.285 ug/l
RT: 11.64 min Scan# 1117
Delta R.T. 0.05 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion:156 Resp: 14823

Ion	Ratio	Lower	Upper
156	100		
77	25.8	77.3	232.1#
158	0.0	48.4	145.2#

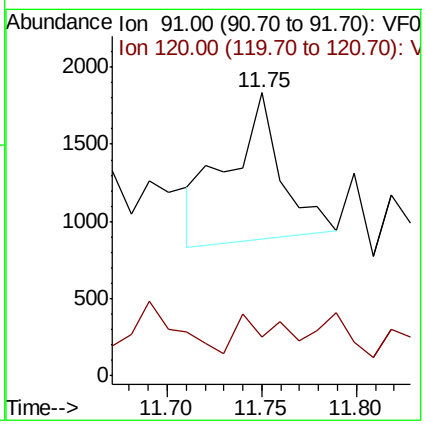


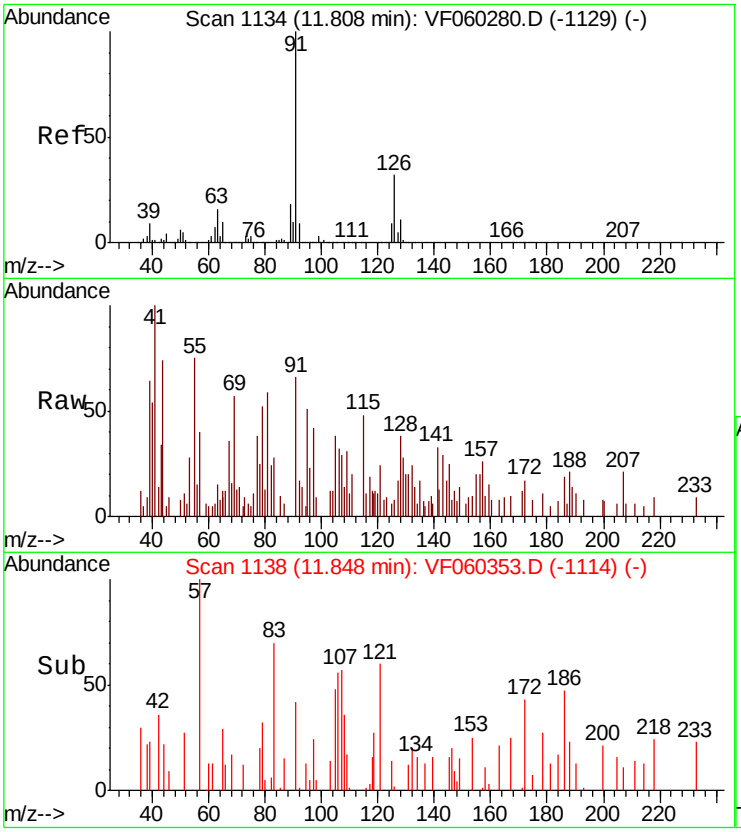


#78
n-propylbenzene
Concen: Below Cal
RT: 11.75 min Scan# 1128
Delta R.T. 0.07 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 91 Resp: 1874

Ion	Ratio	Lower	Upper
91	100		
120	13.9	10.0	29.8



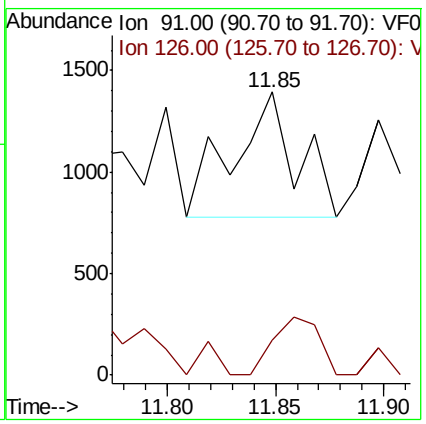


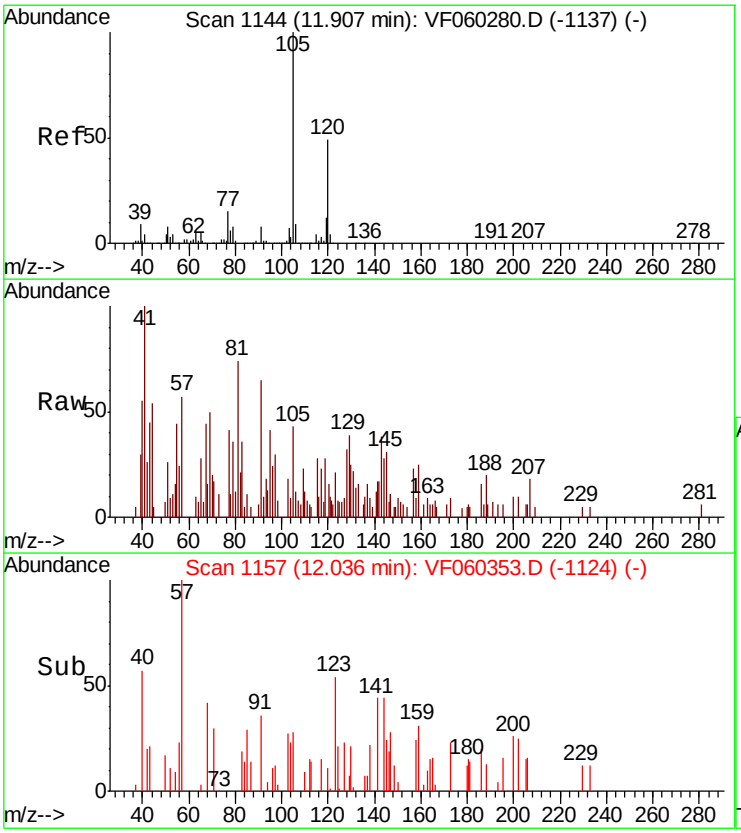
#79
2-Chlorotoluene
Concen: 4.394 ug/l
RT: 11.85 min Scan# 1138
Delta R.T. 0.04 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 91 Resp: 1272

Ion	Ratio	Lower	Upper
91	100		
126	12.2	16.1	48.3#

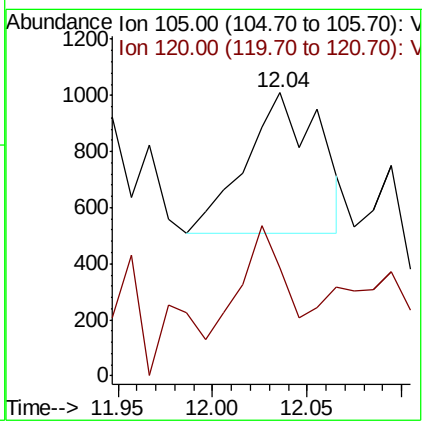


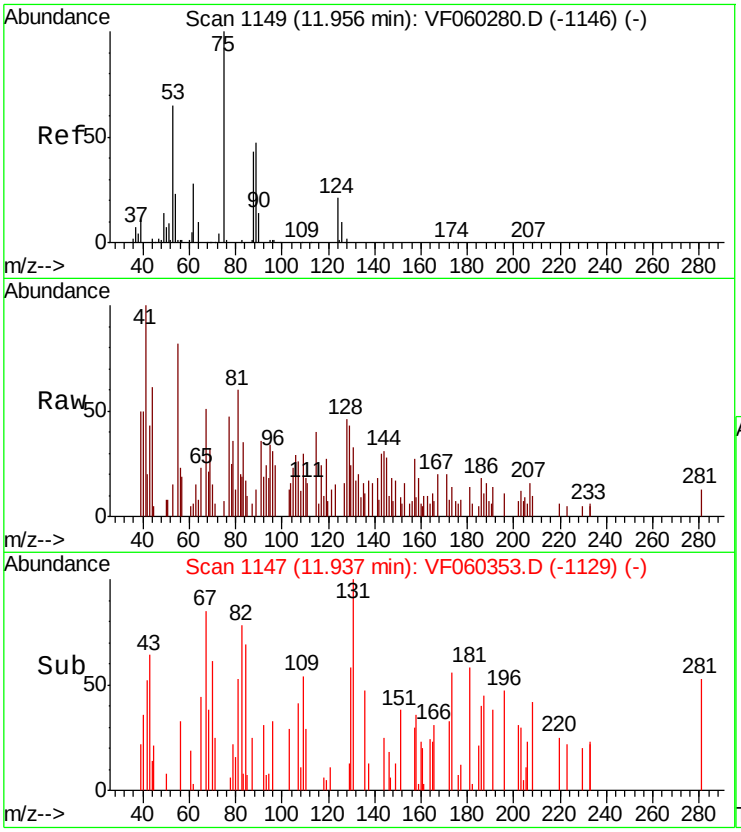


#80
1,3,5-Trimethylbenzene
Concen: 3.914 ug/l
RT: 12.04 min Scan# 1157
Delta R.T. 0.13 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:105 Resp: 1352

Ion	Ratio	Lower	Upper
105	100		
120	38.2	24.4	73.2



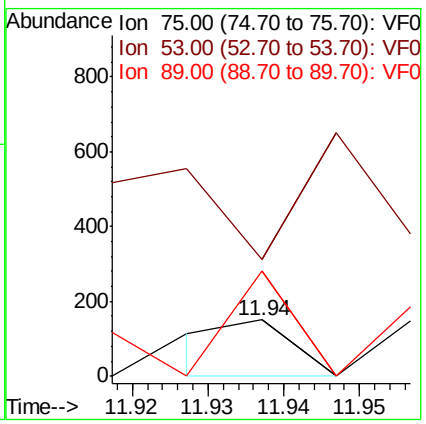


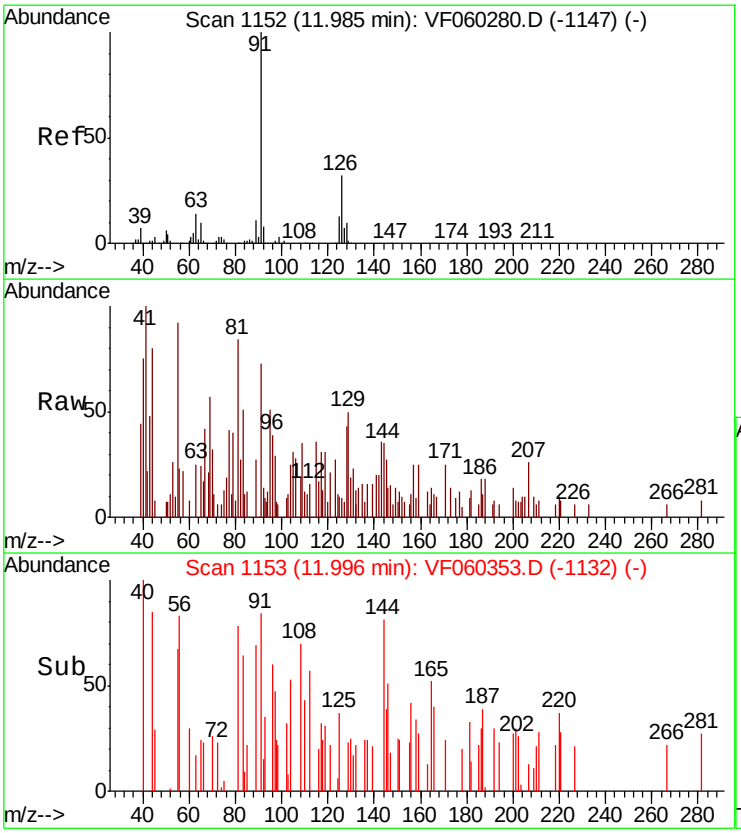
#81
trans-1,4-Dichloro-2-butene
Concen: 3.093 ug/l
RT: 11.94 min Scan# 1147
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 75 Resp: 89

Ion	Ratio	Lower	Upper
75	100		
53	206.6	56.5	84.7#
89	185.4	40.6	60.8#

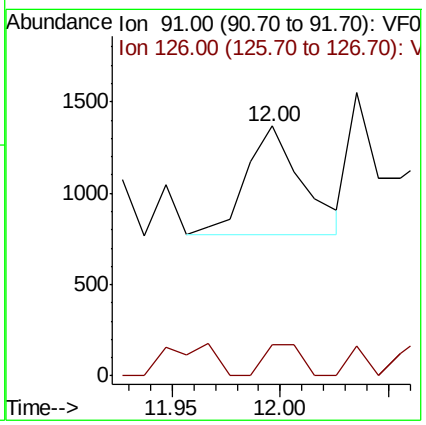


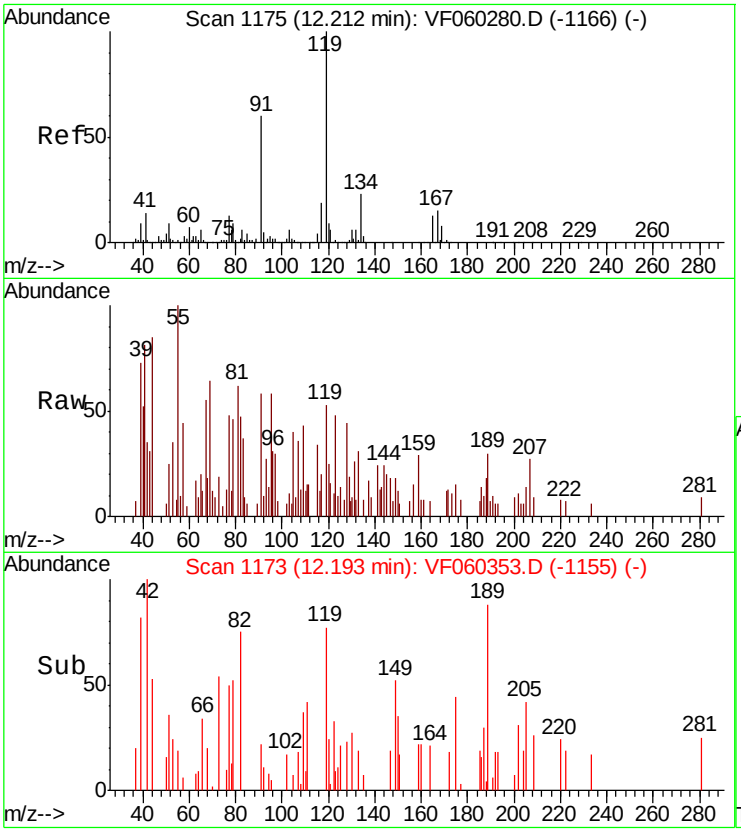


#82
4-Chlorotoluene
Concen: 3.619 ug/l
RT: 12.00 min Scan# 1153
Delta R.T. 0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion: 91 Resp: 1053

Ion	Ratio	Lower	Upper
91	100		
126	12.4	16.1	48.2#



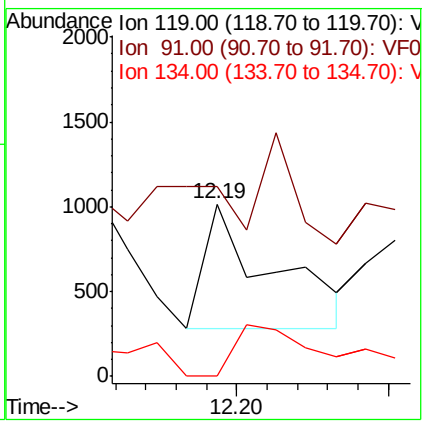


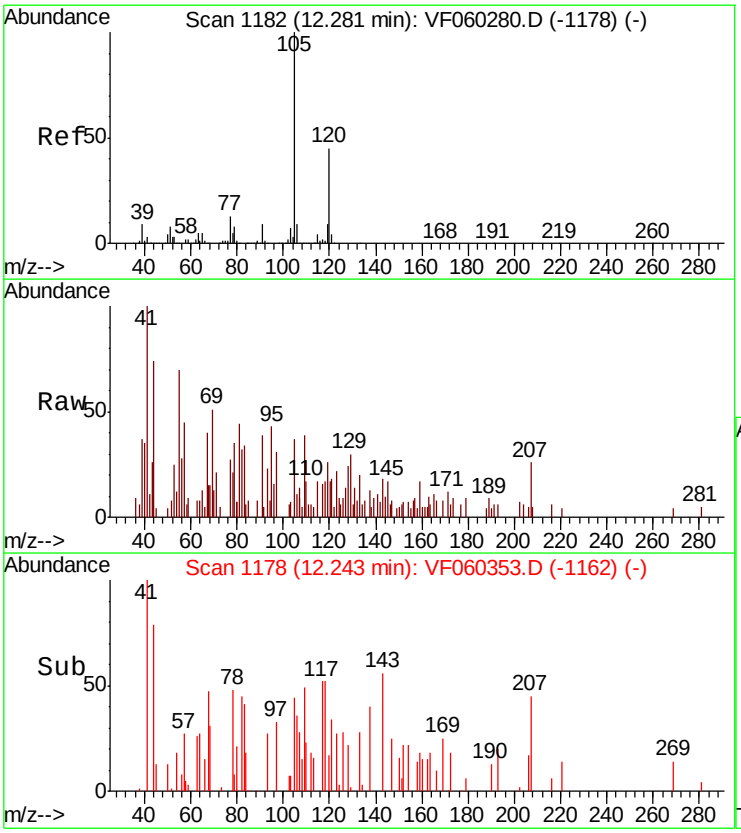
#83
tert-Butylbenzene
Concen: 3.296 ug/l
RT: 12.19 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion:119 Resp: 1154

Ion	Ratio	Lower	Upper
119	100		
91	110.2	30.3	91.0#
134	0.0	11.6	34.8#

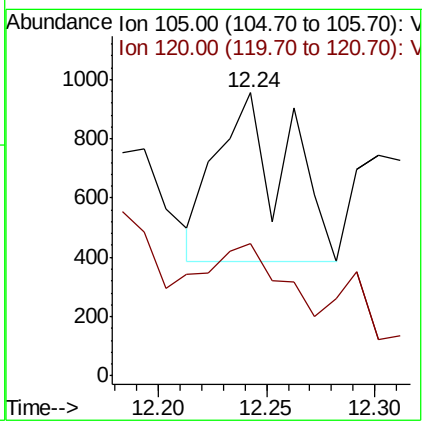


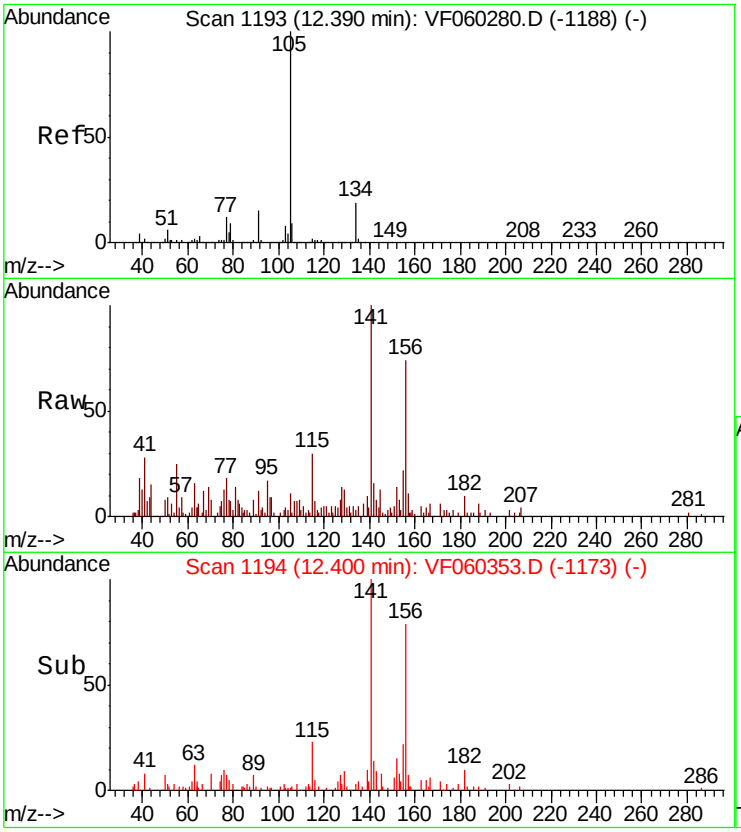


#84
1,2,4-Trimethylbenzene
Concen: 3.718 ug/l
RT: 12.24 min Scan# 1178
Delta R.T. -0.04 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:105 Resp: 1304

Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.4	67.0



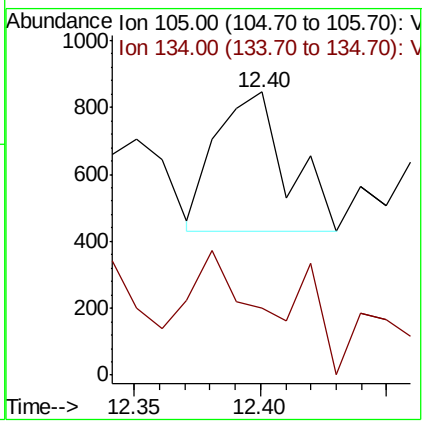


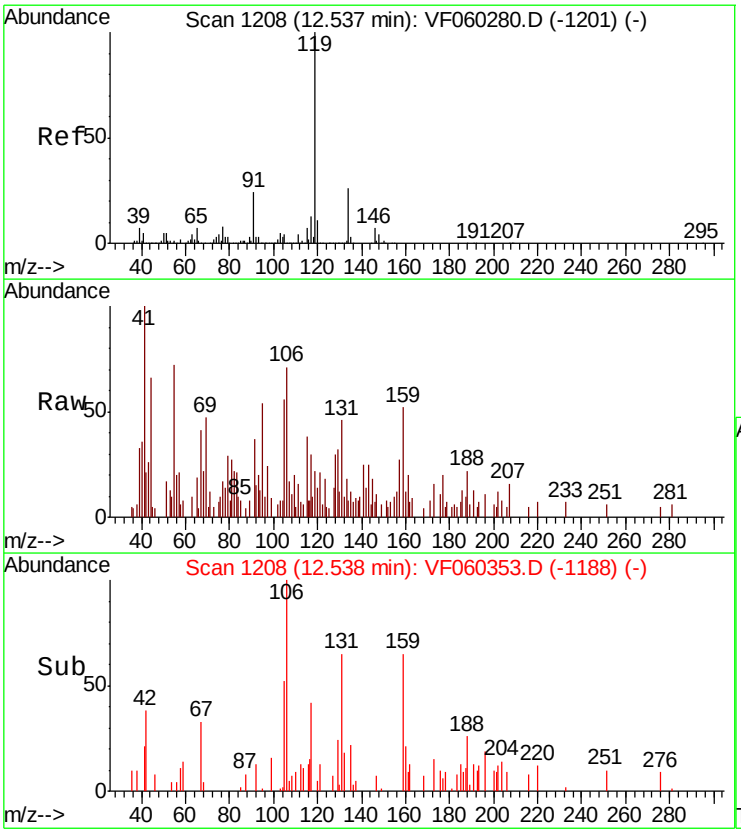
#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.40 min Scan# 1194
Delta R.T. 0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion:105 Resp: 820

Ion	Ratio	Lower	Upper
105	100		
134	23.5	9.6	28.6

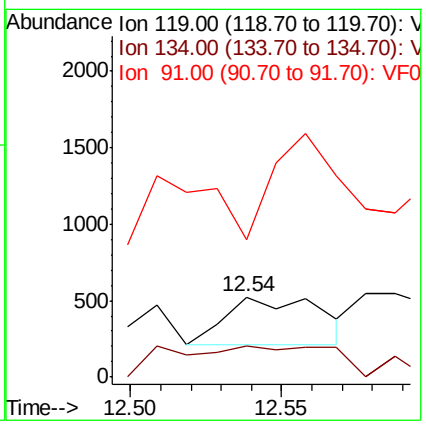


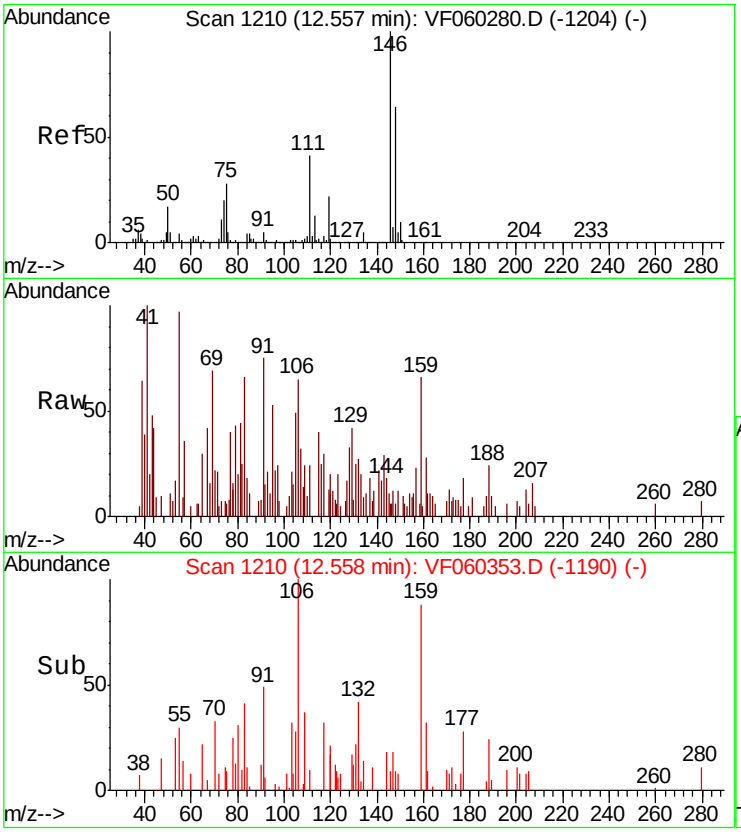


#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.54 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:119 Resp: 686

Ion	Ratio	Lower	Upper
119	100		
134	38.5	12.9	38.7
91	171.6	11.9	35.7#



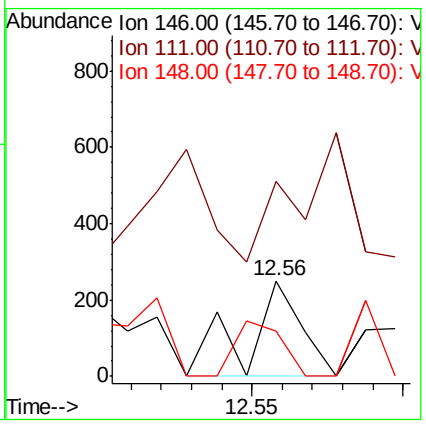


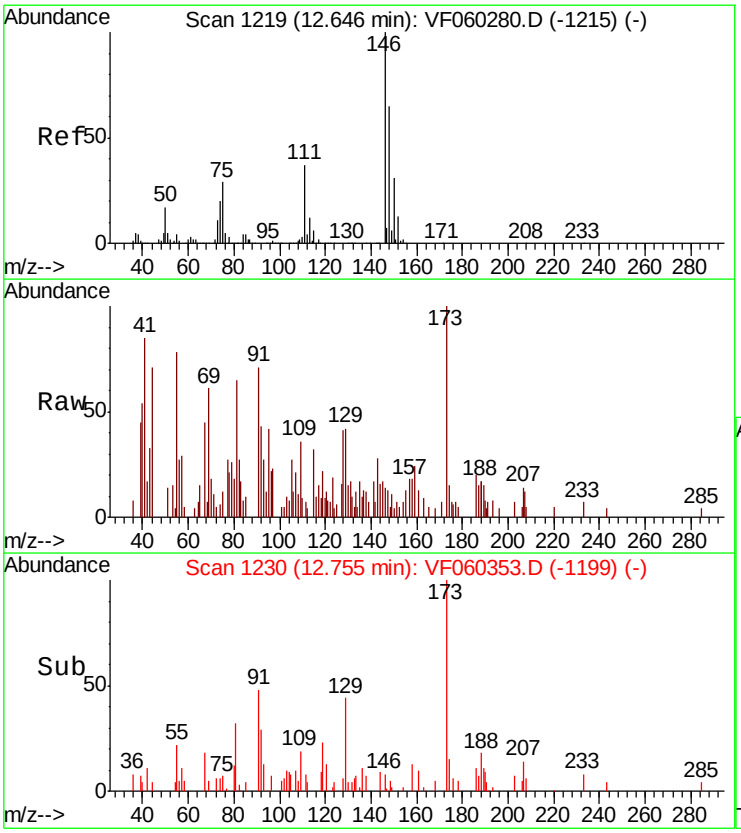
#87
1,3-Dichlorobenzene
Concen: 1.834 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument : MSVOA_F
ClientSampleId : SLUDGE-ARE

Tgt Ion:146 Resp: 317

Ion	Ratio	Lower	Upper
146	100		
111	204.0	20.5	61.6#
148	47.6	32.2	96.6

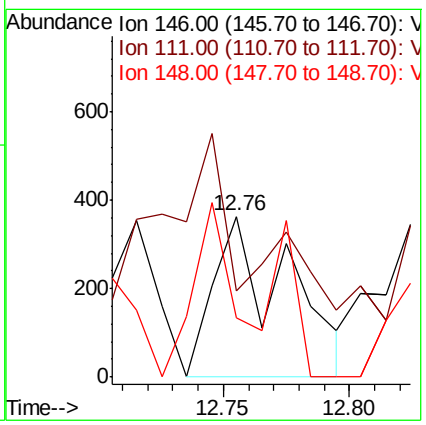


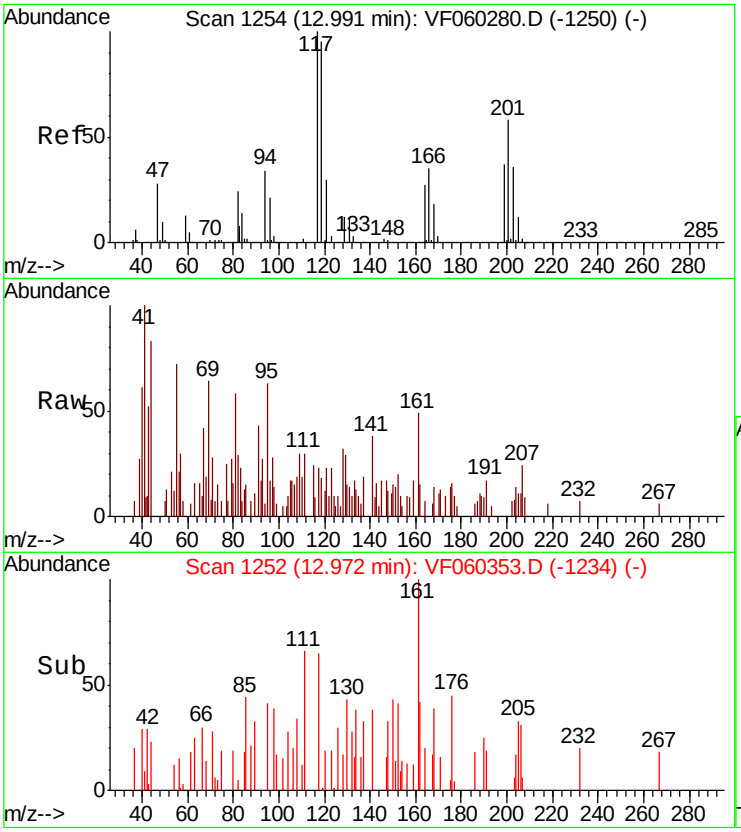


#88
1,4-Dichlorobenzene
Concen: 4.321 ug/l
RT: 12.76 min Scan# 1230
Delta R.T. 0.11 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:146 Resp: 738

Ion	Ratio	Lower	Upper
146	100		
111	53.3	18.7	56.1
148	36.8	32.4	97.0



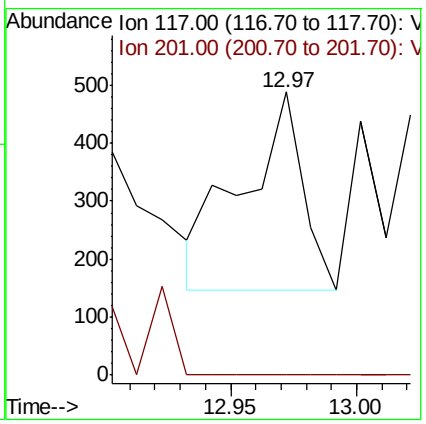


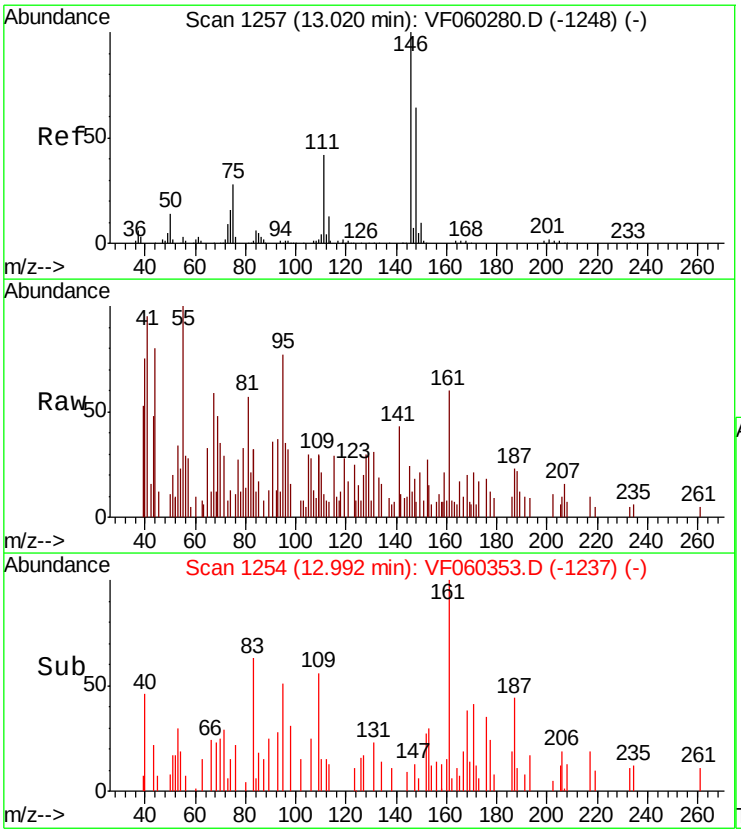
#90
Hexachloroethane
Concen: 5.838 ug/l
RT: 12.97 min Scan# 1252
Delta R.T. -0.02 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion:117 Resp: 572

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.0	87.0#

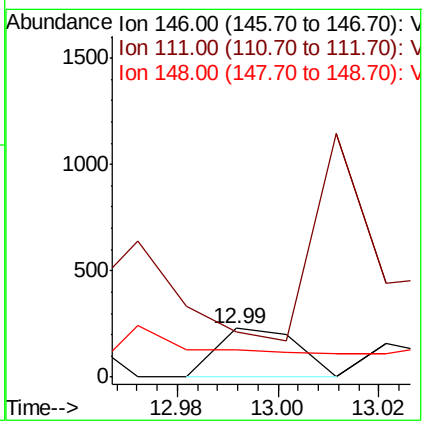


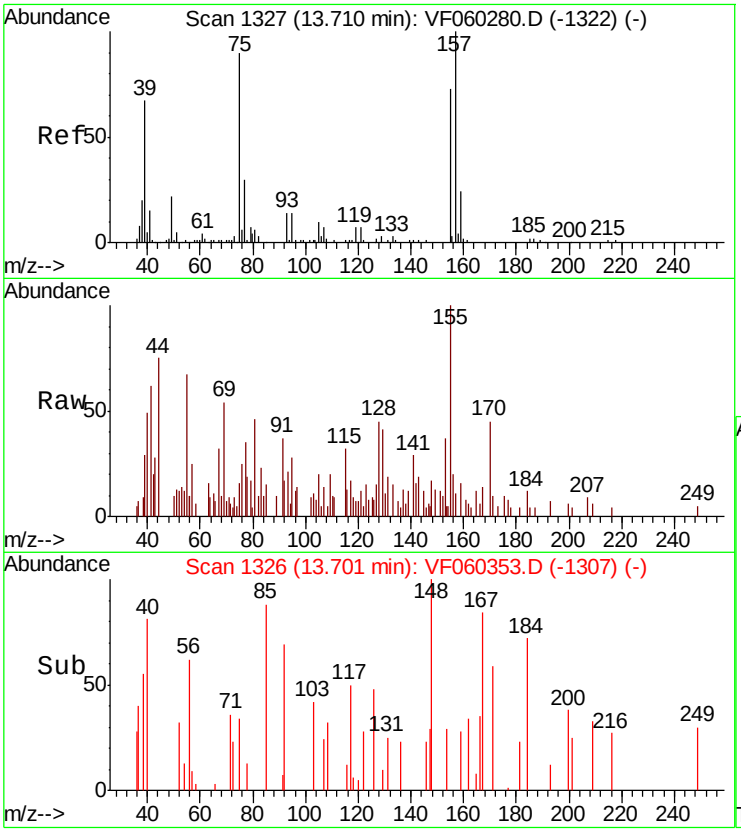


#91
1,2-Dichlorobenzene
Concen: 1.541 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. -0.03 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:146 Resp: 254

Ion	Ratio	Lower	Upper
146	100		
111	93.4	20.9	62.8#
148	56.6	31.9	95.9



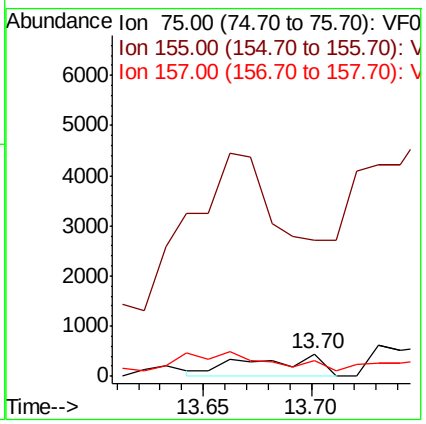


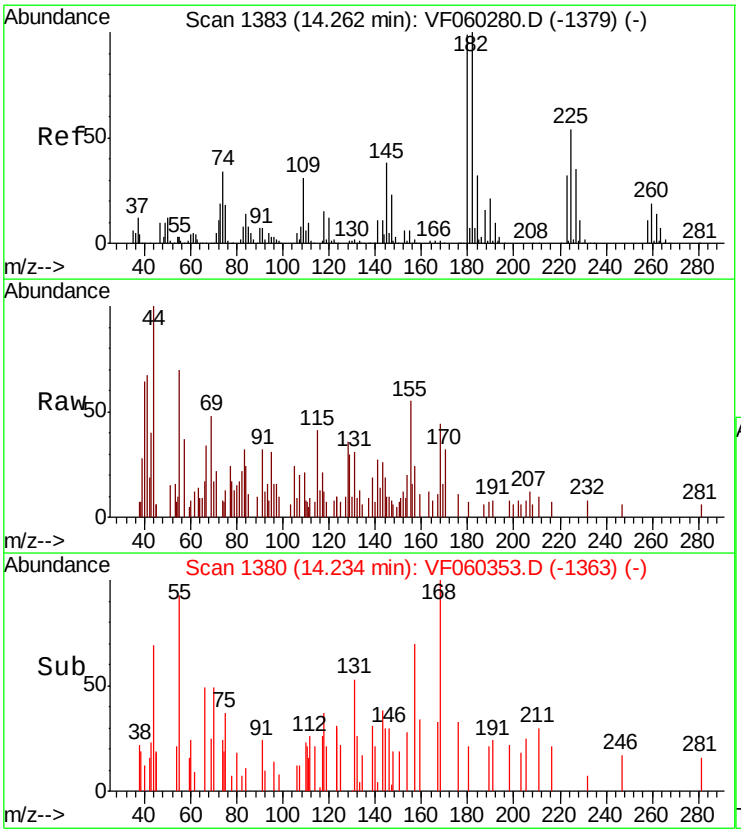
#92
1,2-Dibromo-3-Chloropropane
Concen: 71.087 ug/l
RT: 13.70 min Scan# 1326
Delta R.T. -0.01 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-ARE

Tgt Ion: 75 Resp: 1015

Ion	Ratio	Lower	Upper
75	100		
155	606.9	41.9	125.7#
157	68.0	57.4	172.0





#93
1,2,4-Trichlorobenzene
Concen: 1.853 ug/l
RT: 14.23 min Scan# 1380
Delta R.T. -0.03 min
Lab File: VF060353.D
Acq: 26 Sep 2018 15:53

Tgt Ion:180 Resp: 222

Ion	Ratio	Lower	Upper
180	100		
182	0.0	50.3	151.0#
145	138.9	18.9	56.9#