Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060337.D
Acq On : 25 Sep 2018 20:59
Operator : VA/AP
Sample : J5069-05
Misc : 5.16/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Quant Time: Sep 26 01:47:44 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	5.03	168	18864	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	18920	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	8071	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	3520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	3776	14.87	ug/l	-0.01
Spiked Amount 50.000			Recovery = 29.74%			
35) Dibromofluoromethane	4.28	113	5393	31.98	ug/l	-0.01
Spiked Amount 50.000			Recovery = 63.96%			
50) Toluene-d8	7.69	98	18129	41.28	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.56%			
62) 4-Bromofluorobenzene	11.49	95	4303	22.66	ug/l	-0.01
Spiked Amount 50.000			Recovery = 45.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	77	Below Cal	#	40
3) Chloromethane	1.09	50	612	2.381	ug/l #	42
5) Bromomethane	1.34	94	189	Below Cal	#	3
11) Tert butyl alcohol	2.64	59	184	Below Cal	#	63
12) 1,1-Dichloroethene	1.89	96	345	1.607	ug/l #	1
13) Acrolein	2.03	56	500	41.708	ug/l	81
14) Allyl chloride	2.17	41	770	2.055	ug/l #	29
15) Acrylonitrile	3.05	53	74	2.063	ug/l #	1
16) Acetone	2.30	43	1372	19.180	ug/l #	59
17) Carbon Disulfide	1.85	76	2426	Below Cal	#	71
18) Methyl Acetate	2.46	43	1397	11.723	ug/l #	62
20) Methylene Chloride	2.27	84	1179	Below Cal	#	63
23) Vinyl Acetate	3.31	43	496	1.787	ug/l #	79
25) 2-Butanone	4.62	43	3048	31.656	ug/l	93
29) Tetrahydrofuran	4.23	42	351	9.955	ug/l #	63
31) Cyclohexane	3.83	56	593	1.532	ug/l #	15
37) Ethyl Acetate	4.25	43	417	4.176	ug/l #	1
39) Methylcyclohexane	5.62	83	501	1.959	ug/l #	3
41) Methacrylonitrile	4.87	41	878	16.204	ug/l #	72
43) Isopropyl Acetate	7.11	43	1504	12.511	ug/l #	48
48) Methyl methacrylate	6.81	41	724	8.579	ug/l #	76
49) 1,4-Dioxane	7.21	88	67	88.869	ug/l #	1
51) 4-Methyl-2-Pentanone	8.34	43	1003	10.825	ug/l	95
55) 1,1,2-Trichloroethane	8.56	97	781	7.601	ug/l #	41
56) Ethyl methacrylate	8.76	69	1617	13.031	ug/l #	74
58) 2-Chloroethyl Vinyl ether	7.75	63	69	6.290	ug/l	100
59) 2-Hexanone	9.54	43	1656	25.102	ug/l	67
60) Dibromochloromethane	8.81	129	258	1.685	ug/l #	13
61) 1,2-Dibromoethane	9.10	107	189	1.652	ug/l #	77
66) 1,1,1,2-Tetrachloroethane	10.07	131	87	1.146	ug/l	89
67) Ethyl Benzene	10.03	91	792	2.342	ug/l #	79
68) m/p-Xylenes	10.24	106	565	4.835	ug/l #	1
69) o-Xylene	10.97	106	326	2.487	ug/l	51
70) Styrene	10.91	104	497	2.689	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060337.D
Acq On : 25 Sep 2018 20:59
Operator : VA/AP
Sample : J5069-05
Misc : 5.16/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Quant Time: Sep 26 01:47:44 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)
71) Bromoform	10.87	173	529	12.688 ug/l #	31
73) Isopropylbenzene	11.22	105	1171	3.706 ug/l	76
74) N-amyl acetate	11.47	43	500	7.420 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.81	83	936	16.714 ug/l #	37
76) 1,2,3-Trichloropropane	11.90	75	75	1.870 ug/l #	1
77) Bromobenzene	11.56	156	16714	245.428 ug/l #	4
78) n-propylbenzene	11.52	91	1615	Below Cal	90
79) 2-Chlorotoluene	11.78	91	1532	7.187 ug/l #	42
80) 1,3,5-Trimethylbenzene	11.91	105	2865	11.263 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.93	75	215	10.146 ug/l #	1
82) 4-Chlorotoluene	11.99	91	2897	13.522 ug/l #	43
83) tert-Butylbenzene	12.21	119	350	1.357 ug/l #	1
84) 1,2,4-Trimethylbenzene	12.28	105	2122	8.215 ug/l	100
85) sec-Butylbenzene	12.37	105	820	Below Cal	88
86) p-Isopropyltoluene	12.53	119	442	Below Cal #	23
87) 1,3-Dichlorobenzene	12.57	146	349	2.742 ug/l #	1
88) 1,4-Dichlorobenzene	12.67	146	423	3.363 ug/l #	1
89) n-Butylbenzene	12.95	91	526	Below Cal #	53
90) Hexachloroethane	13.00	117	949	13.152 ug/l #	22
91) 1,2-Dichlorobenzene	13.02	146	1174	9.671 ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.72	75	1295	123.163 ug/l #	1
95) Naphthalene	14.50	128	1329	8.591 ug/l #	36
96) 1,2,3-Trichlorobenzene	14.73	180	83	1.018 ug/l #	1

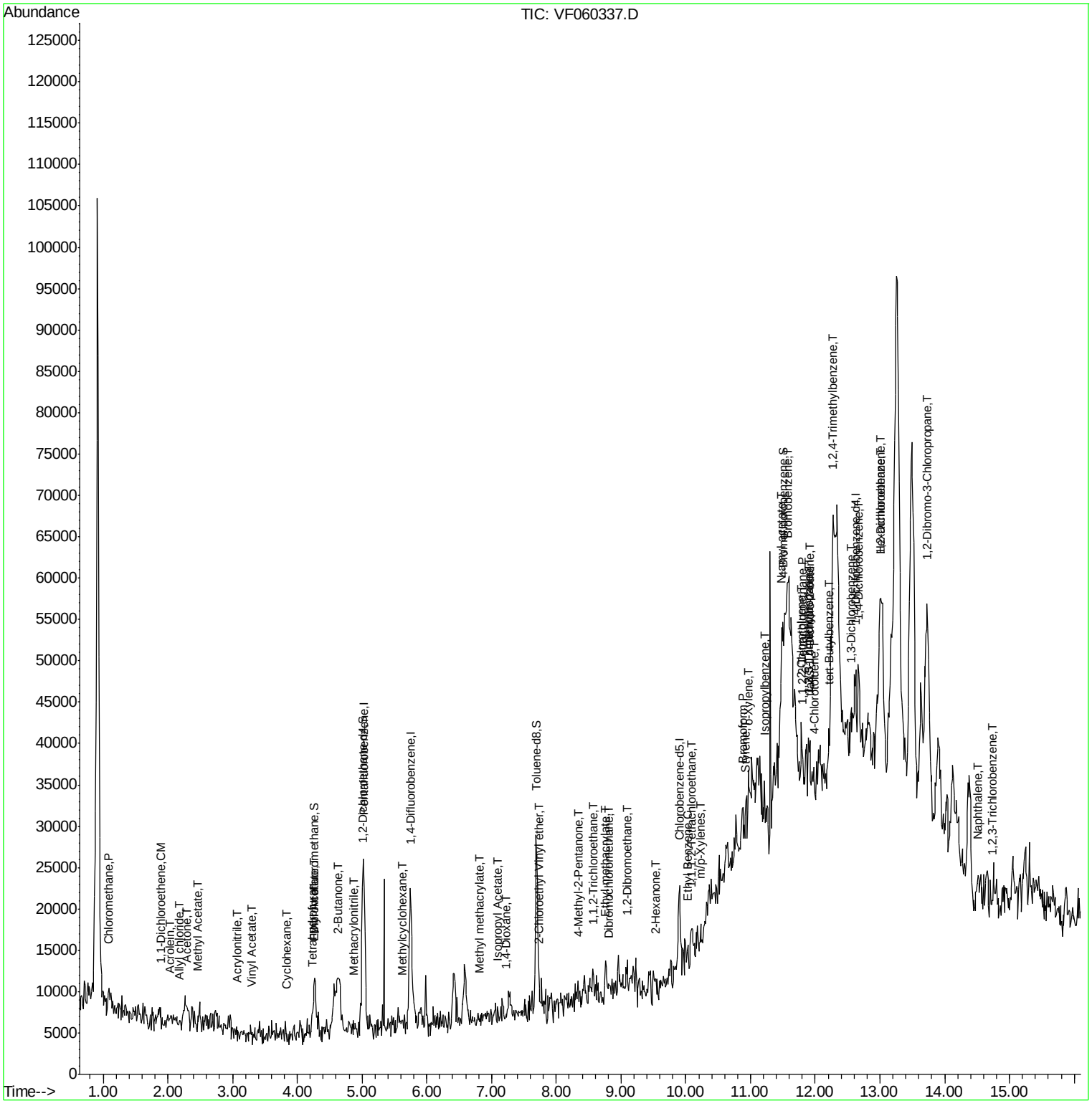
(#) = qualifier out of range (m) = manual integration (+) = signals summed

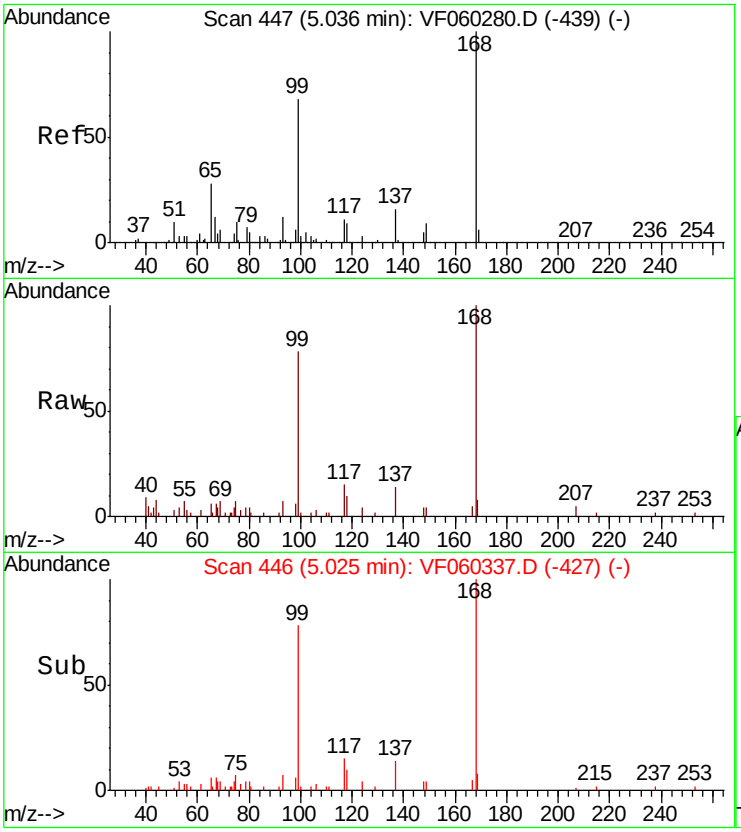
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060337.D
Acq On : 25 Sep 2018 20:59
Operator : VA/AP
Sample : J5069-05
Misc : 5.16/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Quant Time: Sep 26 01:47:44 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



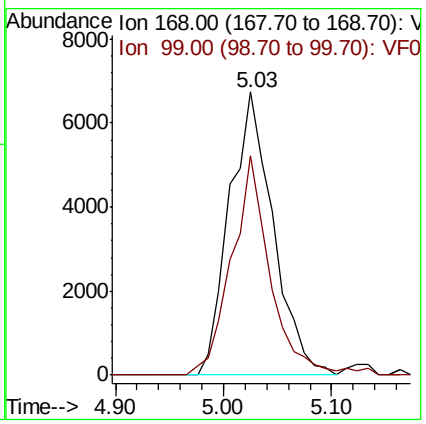


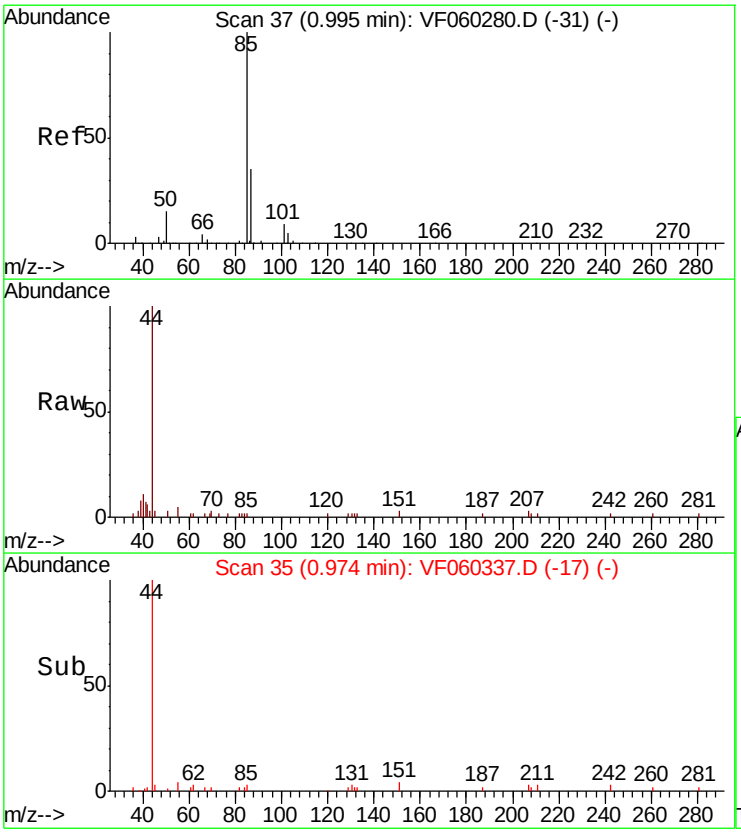
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:168 Resp: 18864

Ion	Ratio	Lower	Upper
168	100		
99	77.6	54.8	82.2

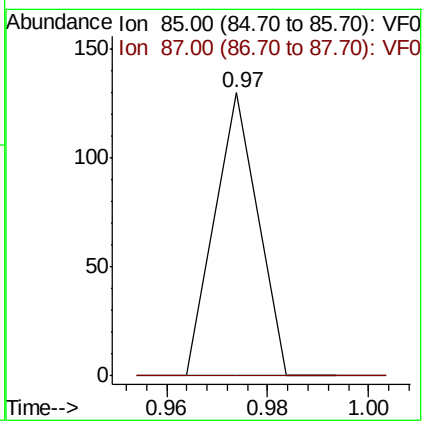


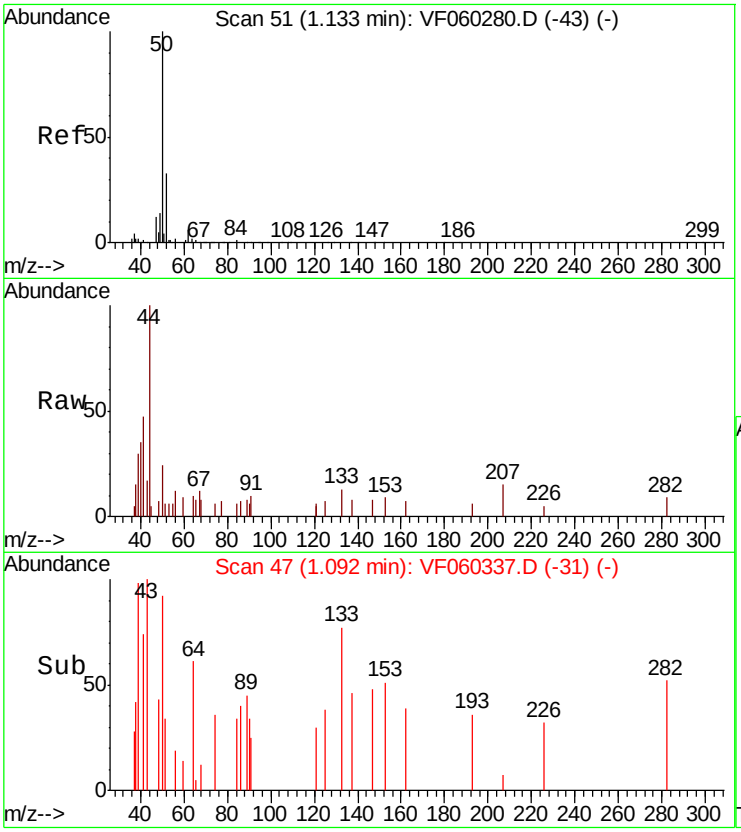


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.97 min Scan# 35
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 85 Resp: 77

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.3	52.0#



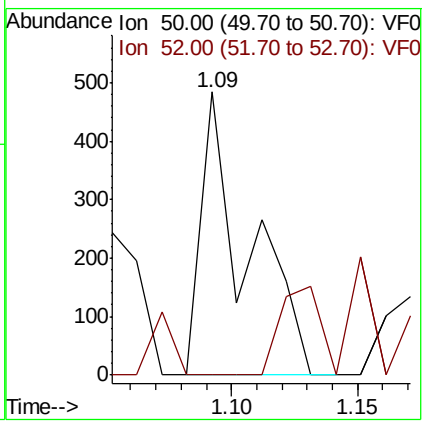


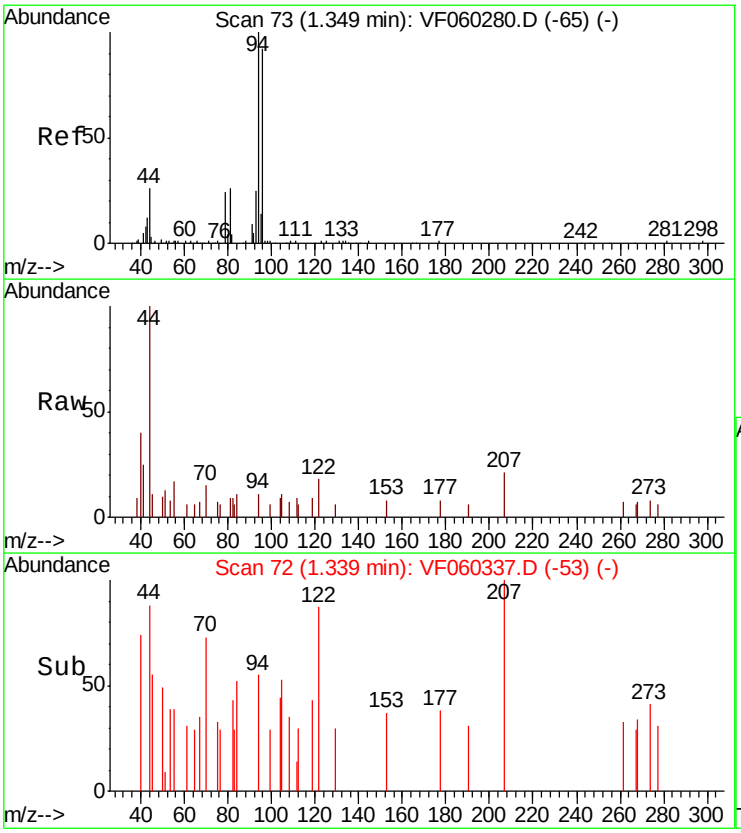
#3
Chloromethane
Concen: 2.381 ug/l
RT: 1.09 min Scan# 47
Delta R.T. -0.04 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 50 Resp: 612

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#

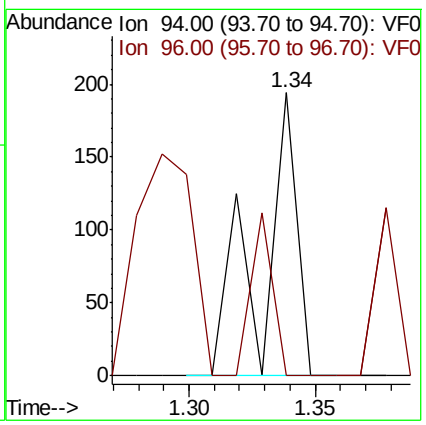


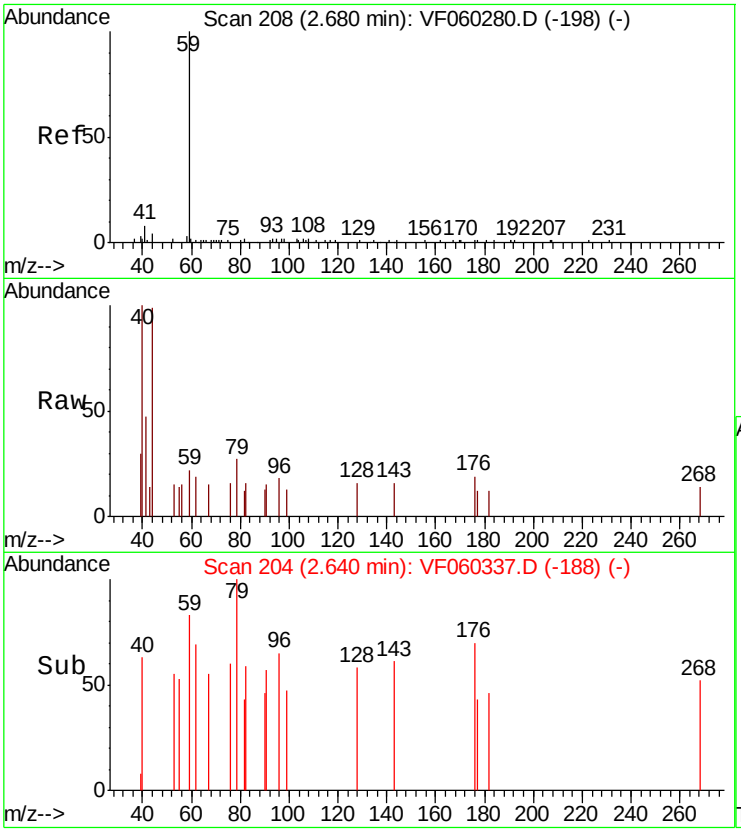


#5
Bromomethane
Concen: Below Cal
RT: 1.34 min Scan# 72
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 94 Resp: 189

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.9	110.9#



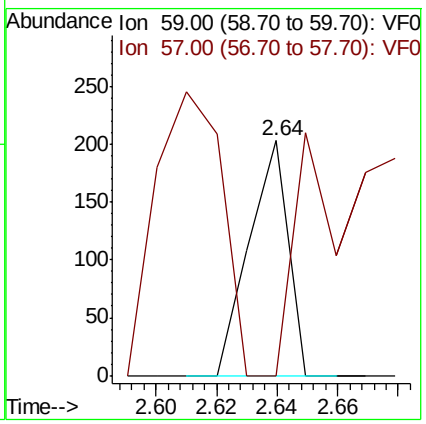


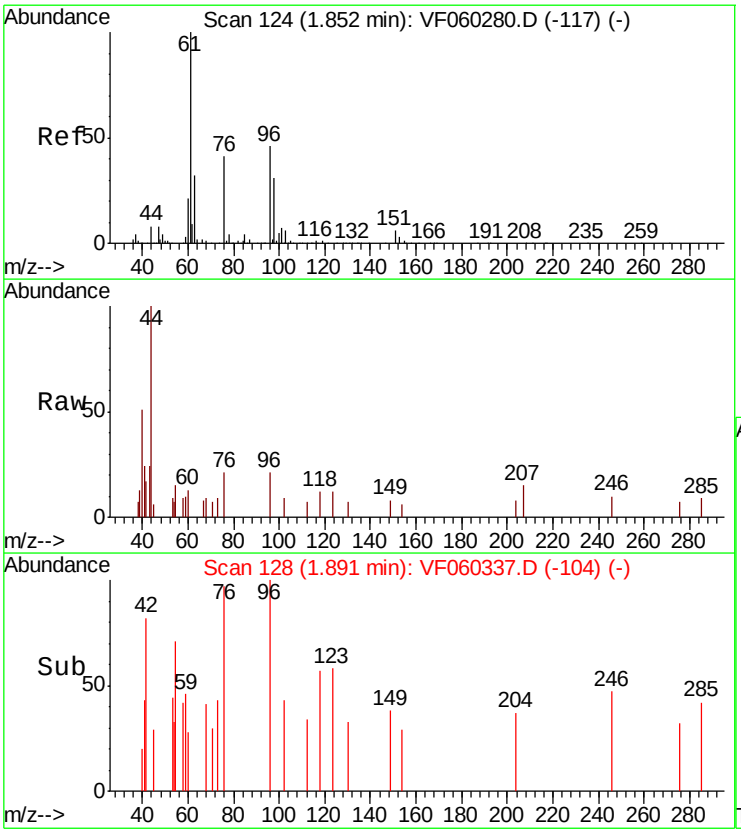
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.64 min Scan# 204
Delta R.T. -0.04 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 59 Resp: 184

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.4	18.6#

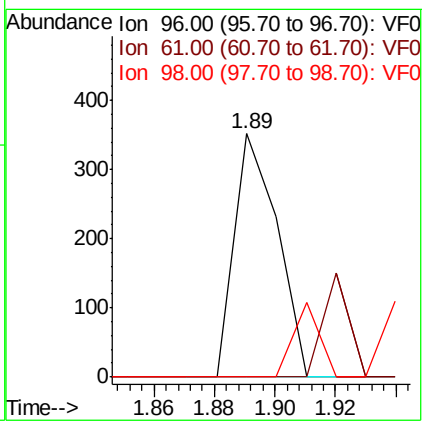


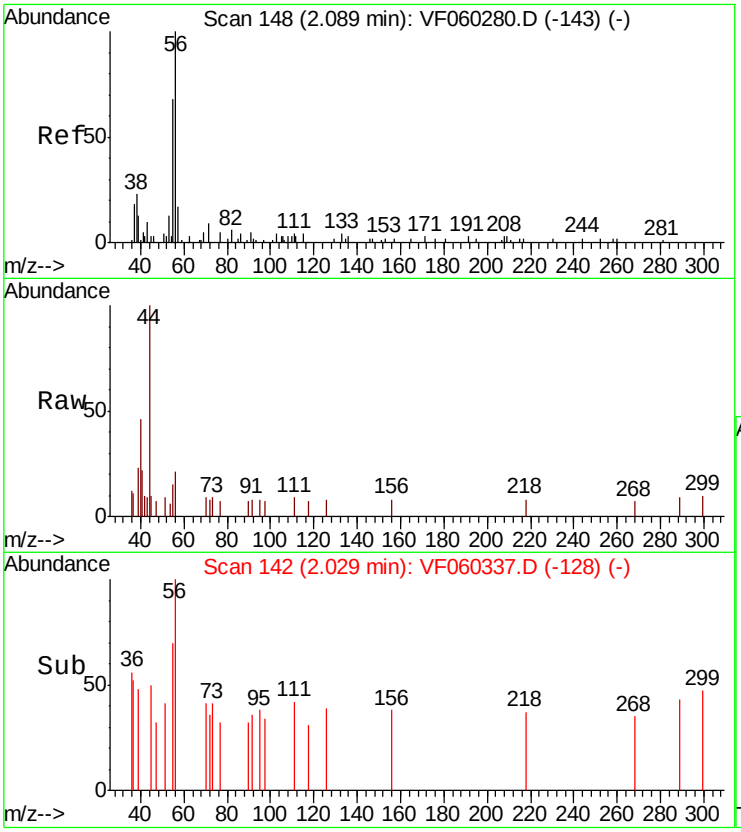


#12
1,1-Dichloroethene
Concen: 1.607 ug/l
RT: 1.89 min Scan# 128
Delta R.T. 0.04 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 96 Resp: 345

Ion	Ratio	Lower	Upper
96	100		
61	0.0	172.2	258.2#
98	0.0	54.1	81.1#



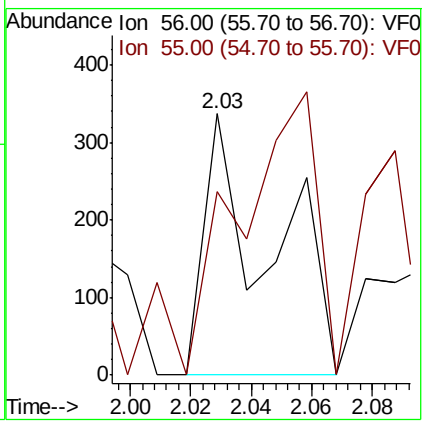


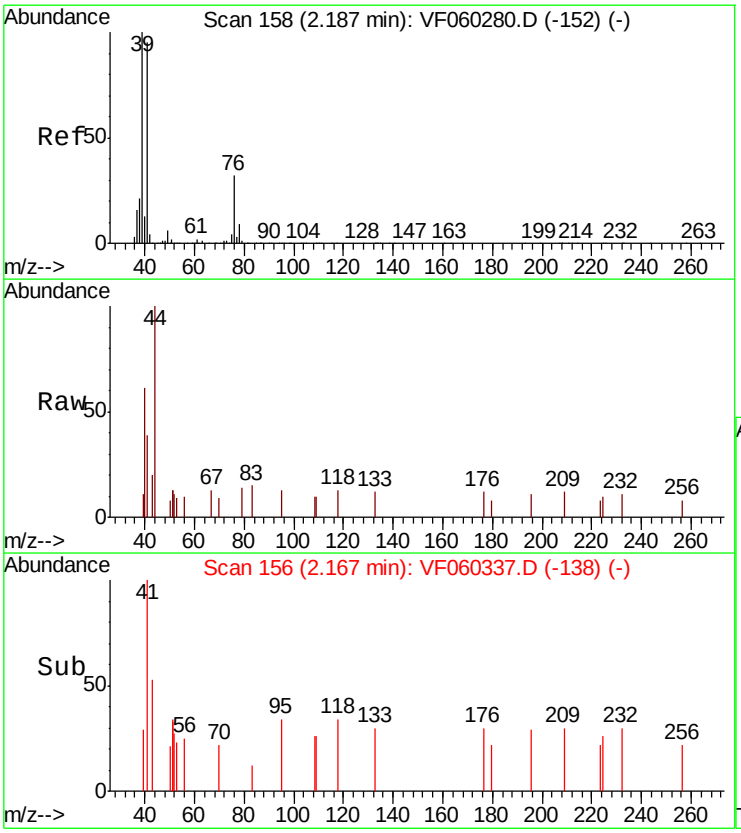
#13
Acrolein
Concen: 41.708 ug/l
RT: 2.03 min Scan# 142
Delta R.T. -0.06 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 56 Resp: 500

Ion	Ratio	Lower	Upper
56	100		
55	70.0	69.9	104.9

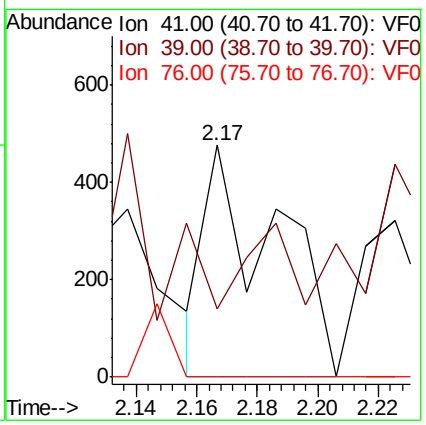


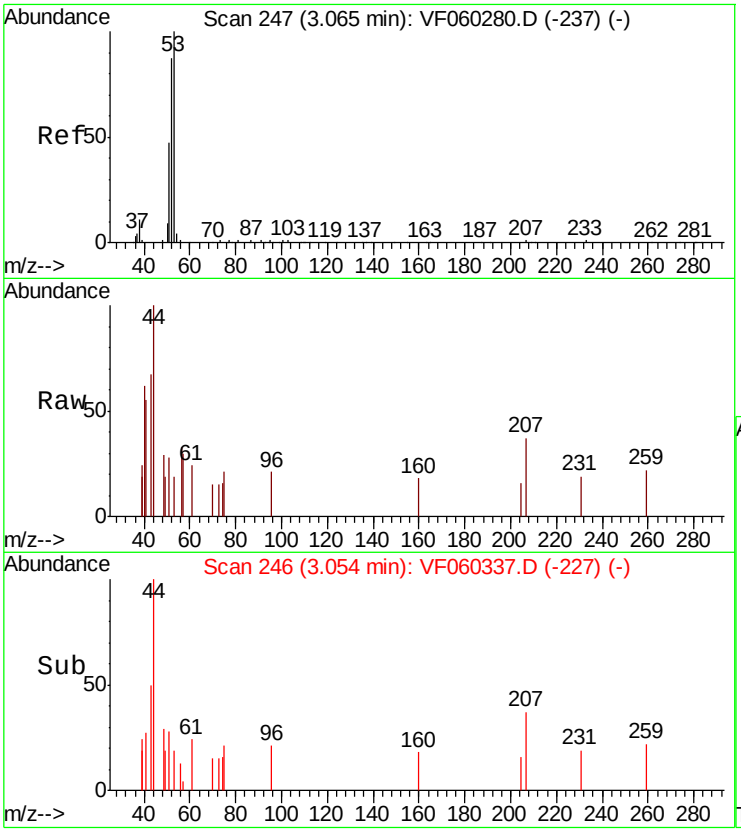


#14
Allyl chloride
Concen: 2.055 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 41 Resp: 770

Ion	Ratio	Lower	Upper
41	100		
39	29.2	84.8	127.2#
76	0.0	27.4	41.2#



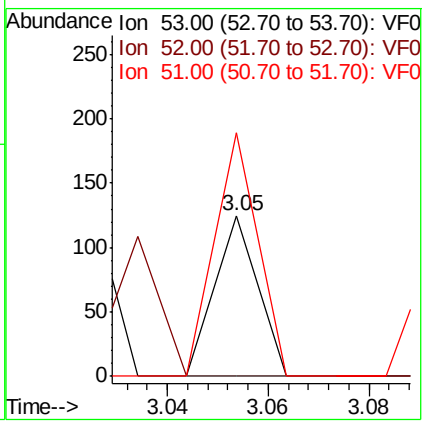


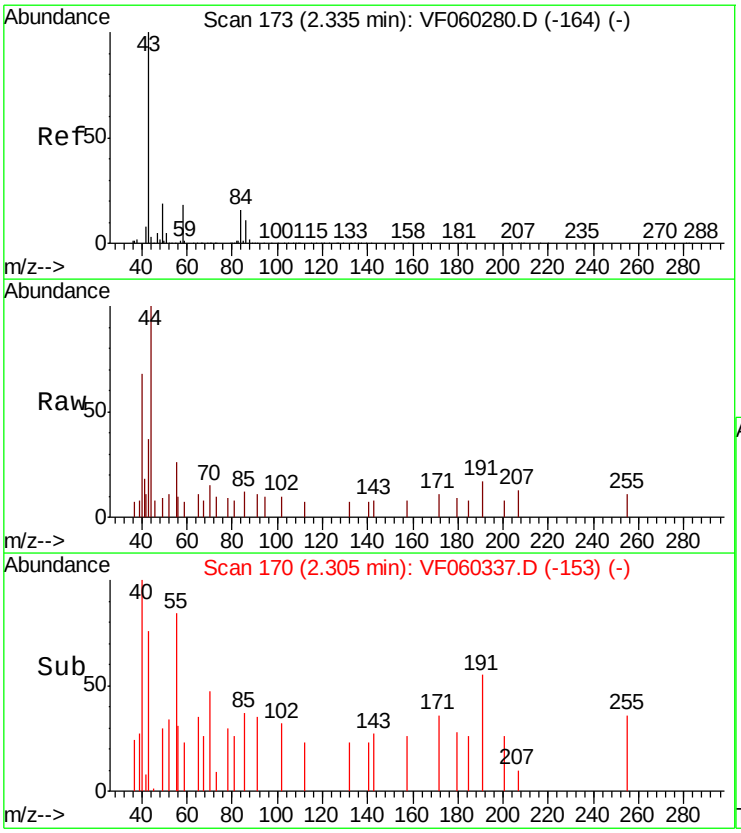
#15
Acrylonitrile
Concen: 2.063 ug/l
RT: 3.05 min Scan# 246
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 53 Resp: 74

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.5	104.3#
51	151.2	38.1	57.1#

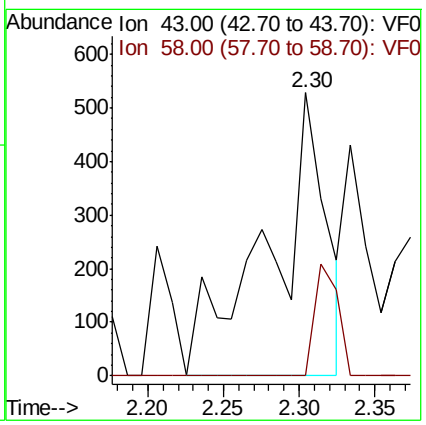


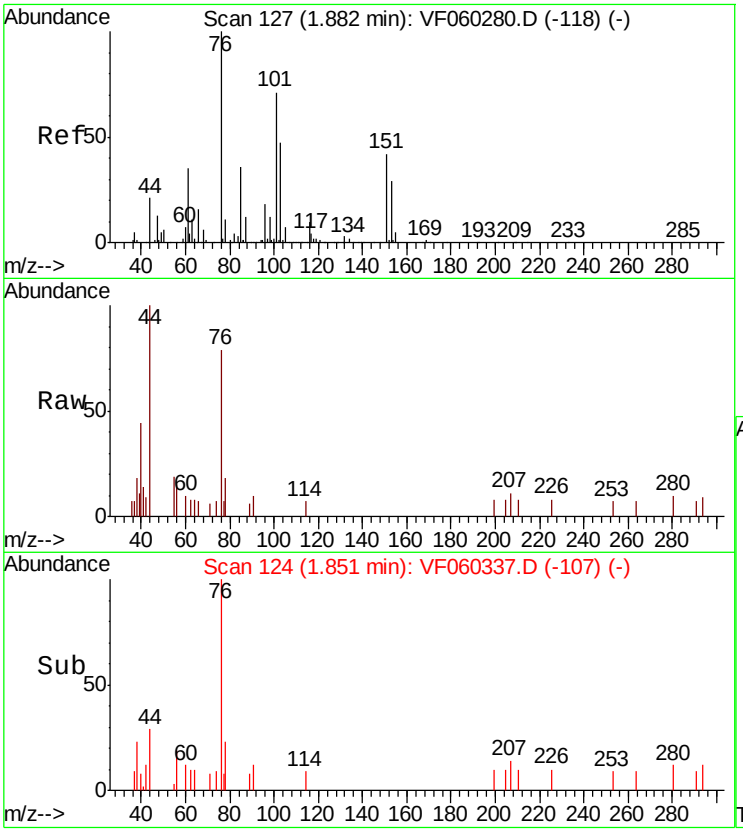


#16
Acetone
Concen: 19.180 ug/l
RT: 2.30 min Scan# 170
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 43 Resp: 1372

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.5	21.7#



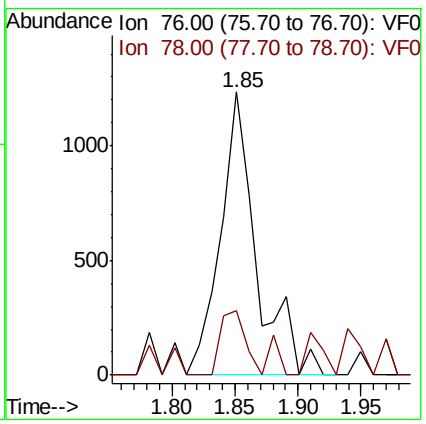


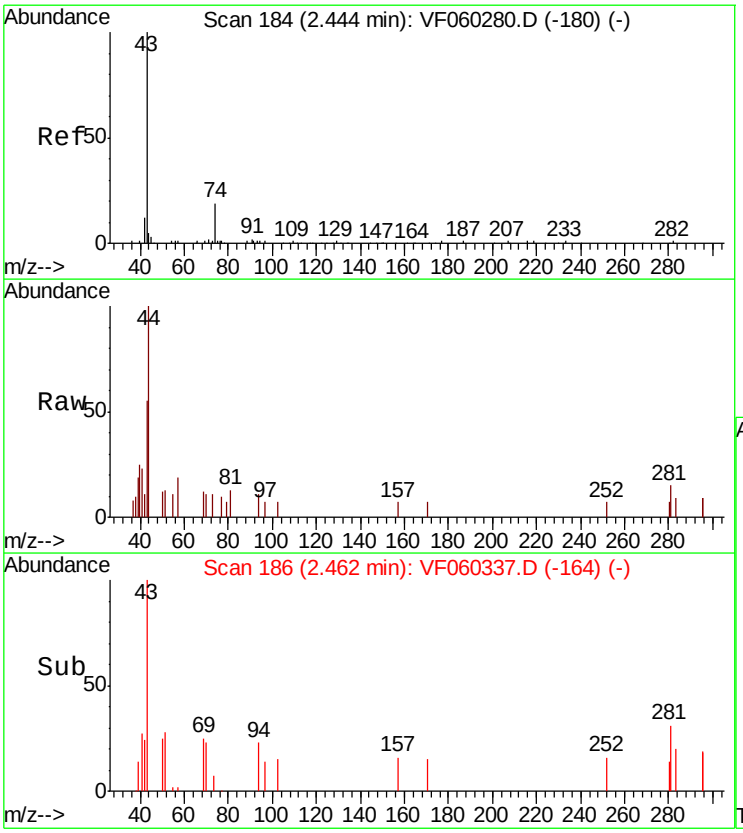
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.85 min Scan# 124
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 76 Resp: 2426

Ion	Ratio	Lower	Upper
76	100		
78	22.9	9.4	14.0#

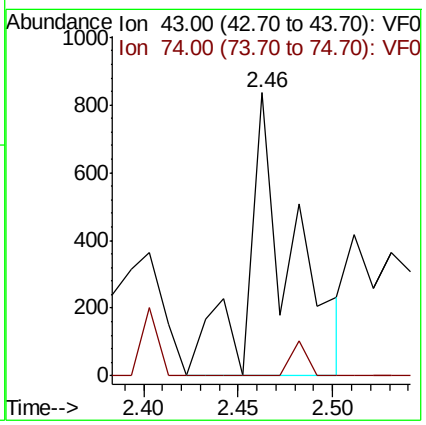


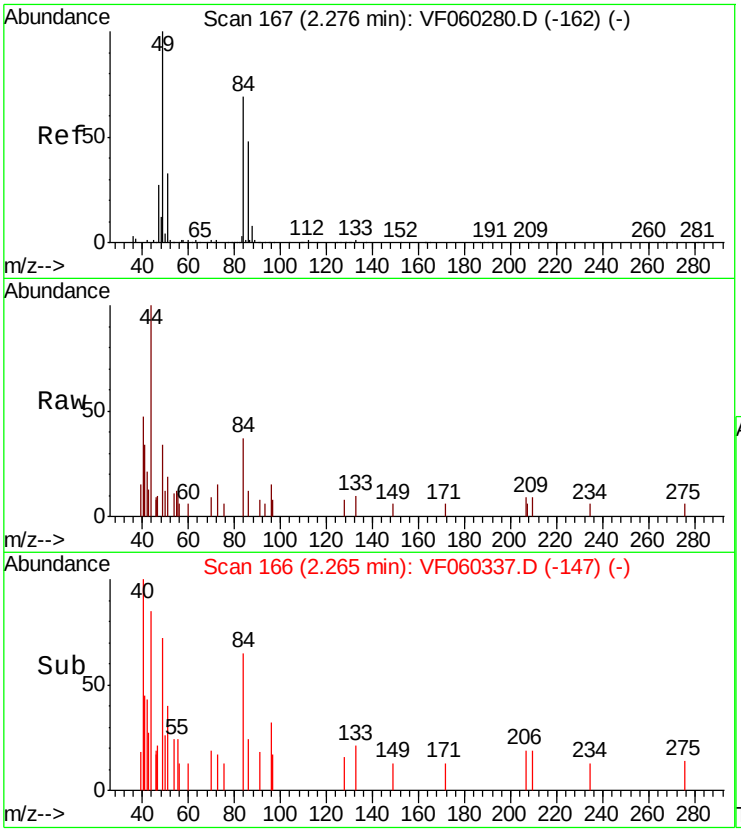


#18
Methyl Acetate
Concen: 11.723 ug/l
RT: 2.46 min Scan# 186
Delta R.T. 0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 43 Resp: 1397

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.7	19.1#



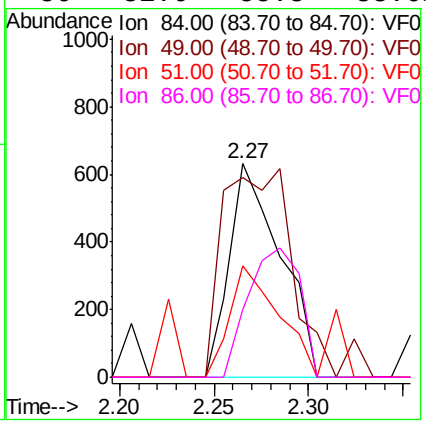


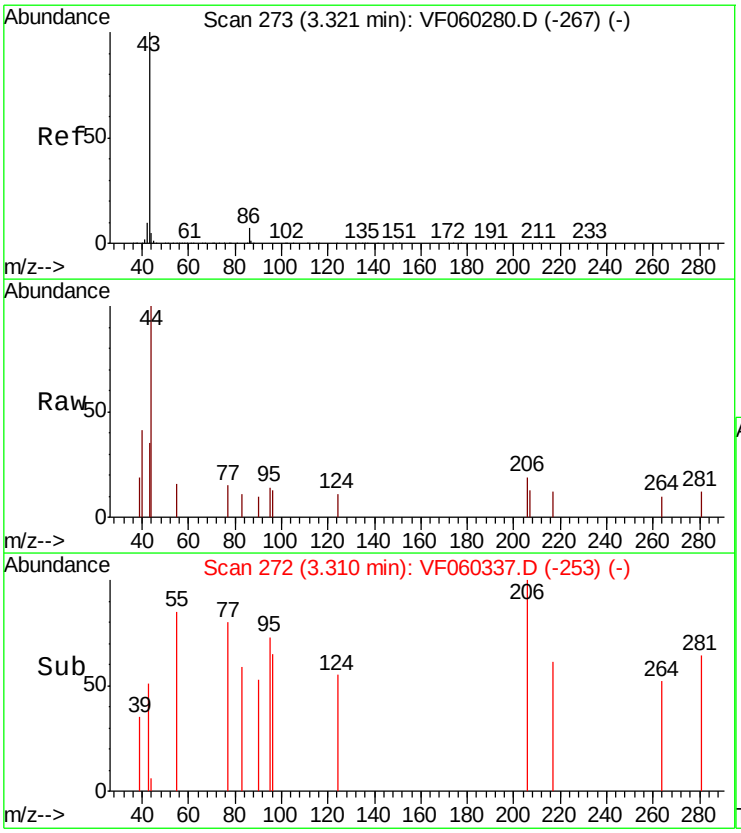
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 84 Resp: 1179

Ion	Ratio	Lower	Upper
84	100		
49	93.2	118.3	177.5#
51	52.1	38.7	58.1
86	31.6	55.8	83.6#

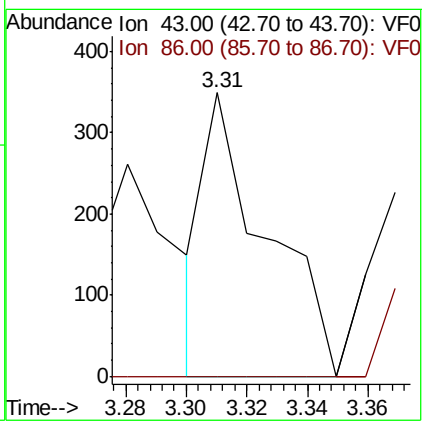


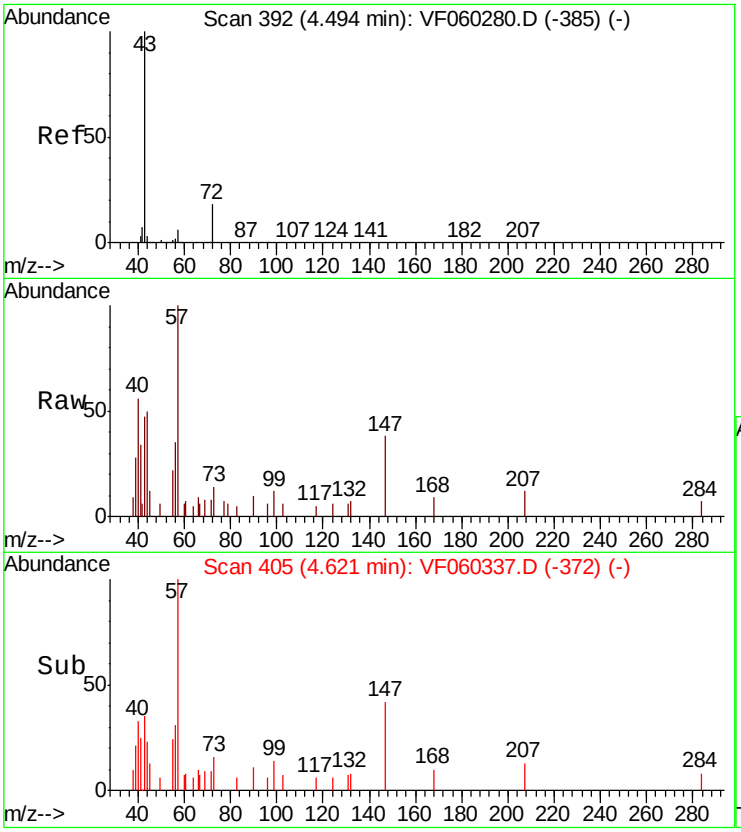


#23
Vinyl Acetate
Concen: 1.787 ug/l
RT: 3.31 min Scan# 272
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 43 Resp: 496

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#



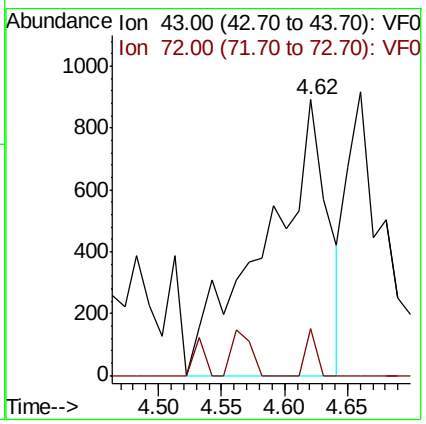


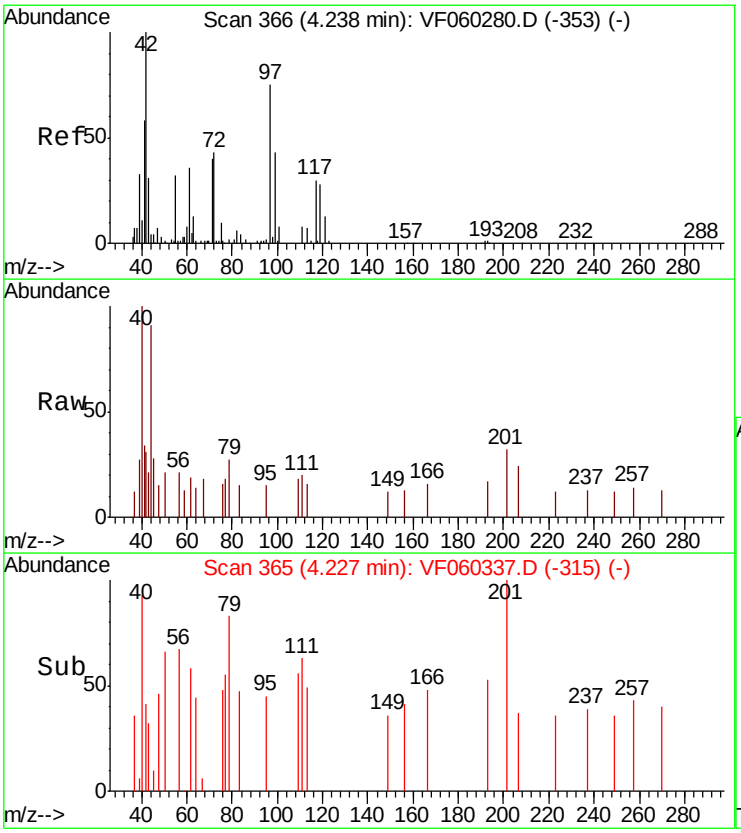
#25
2-Butanone
Concen: 31.656 ug/l
RT: 4.62 min Scan# 405
Delta R.T. 0.13 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 43 Resp: 3048

Ion	Ratio	Lower	Upper
43	100		
72	16.9	16.2	24.2

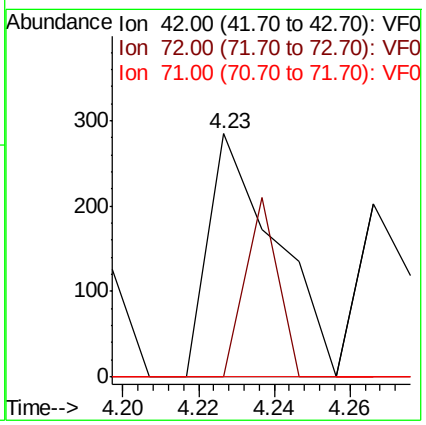


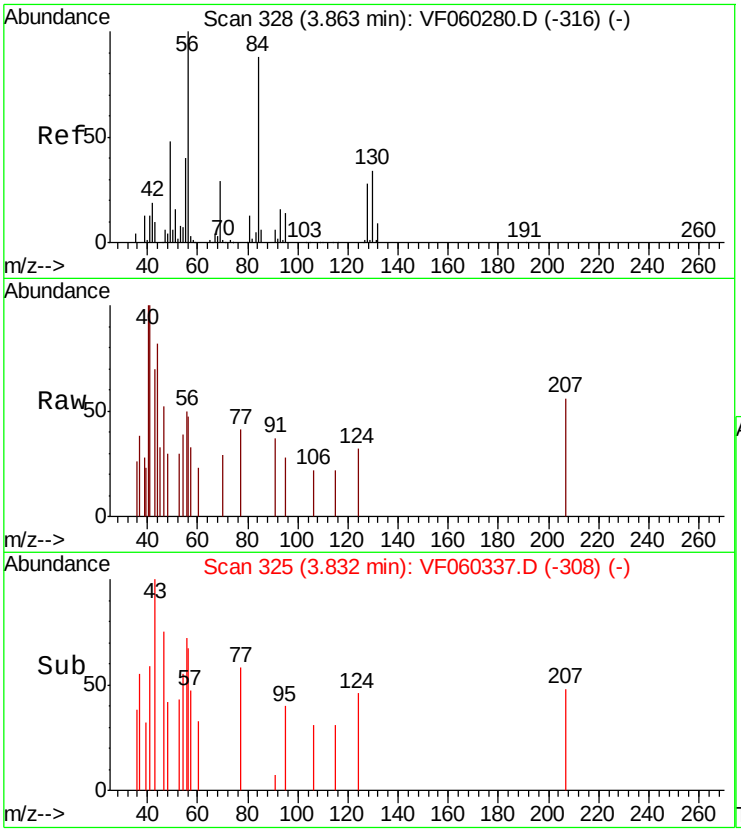


#29
Tetrahydrofuran
Concen: 9.955 ug/l
RT: 4.23 min Scan# 365
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 42 Resp: 351

Ion	Ratio	Lower	Upper
42	100		
72	35.3	32.6	49.0
71	0.0	32.7	49.1#



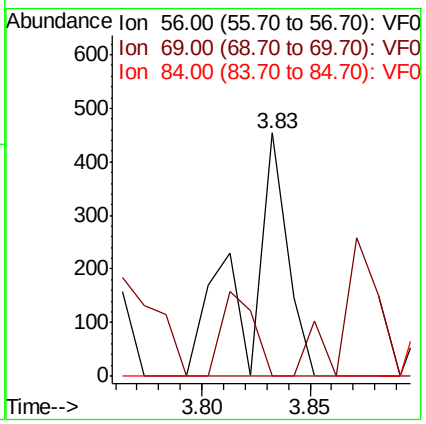


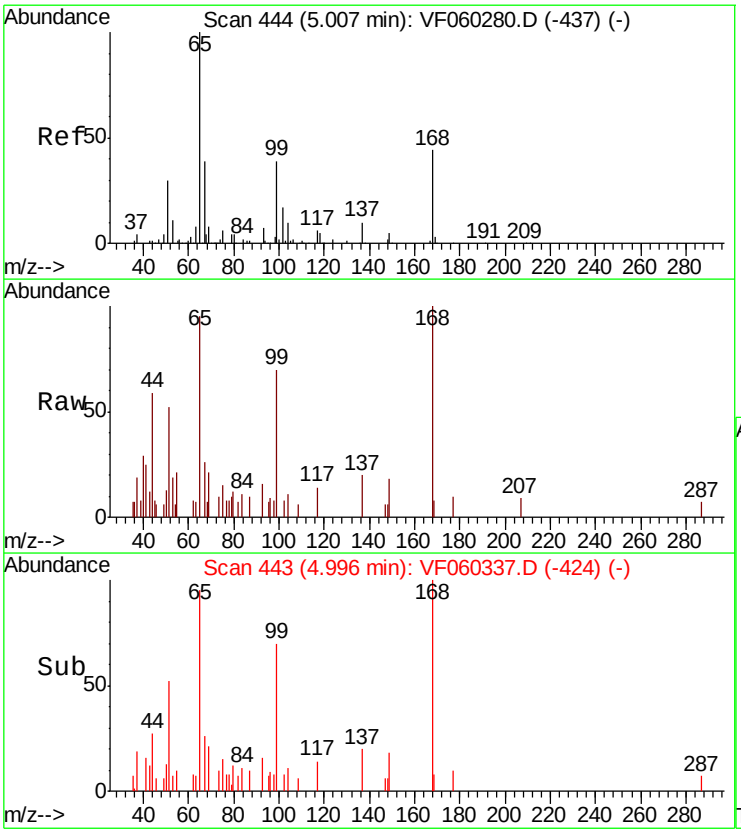
#31
Cyclohexane
Concen: 1.532 ug/l
RT: 3.83 min Scan# 325
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 56 Resp: 593

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.8	35.6#
84	0.0	70.2	105.4#

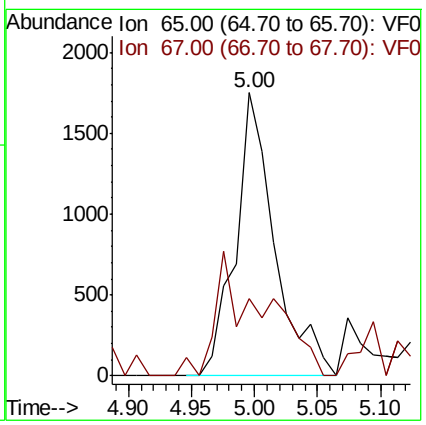


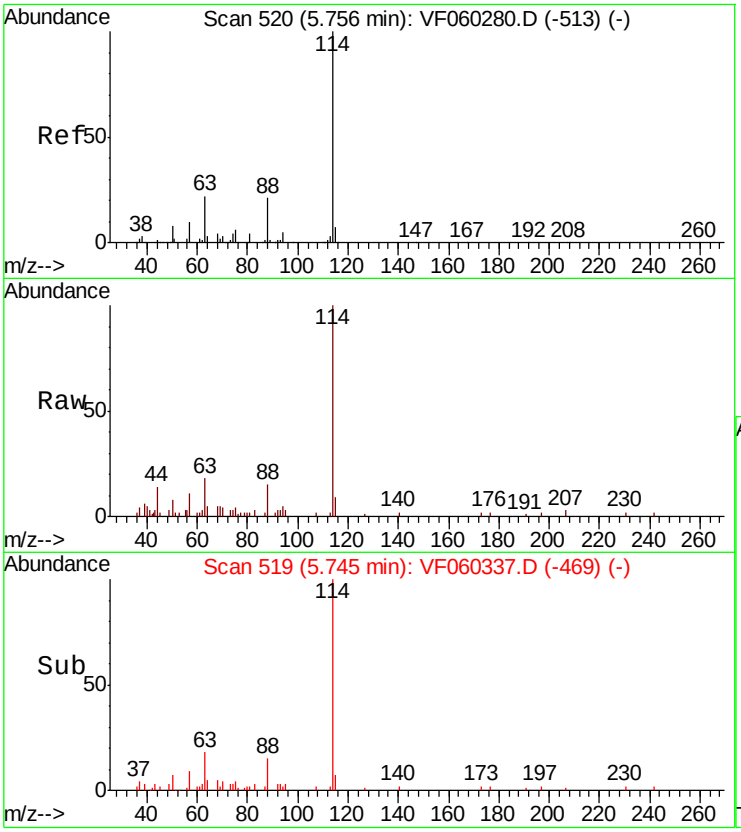


#33
1,2-Dichloroethane-d4
Concen: 14.866 ug/l
RT: 5.00 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 65 Resp: 3776

Ion	Ratio	Lower	Upper
65	100		
67	27.3	0.0	94.4



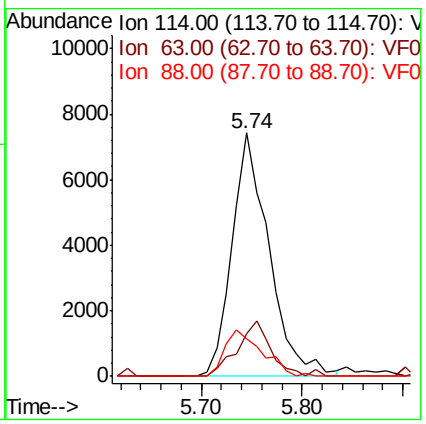


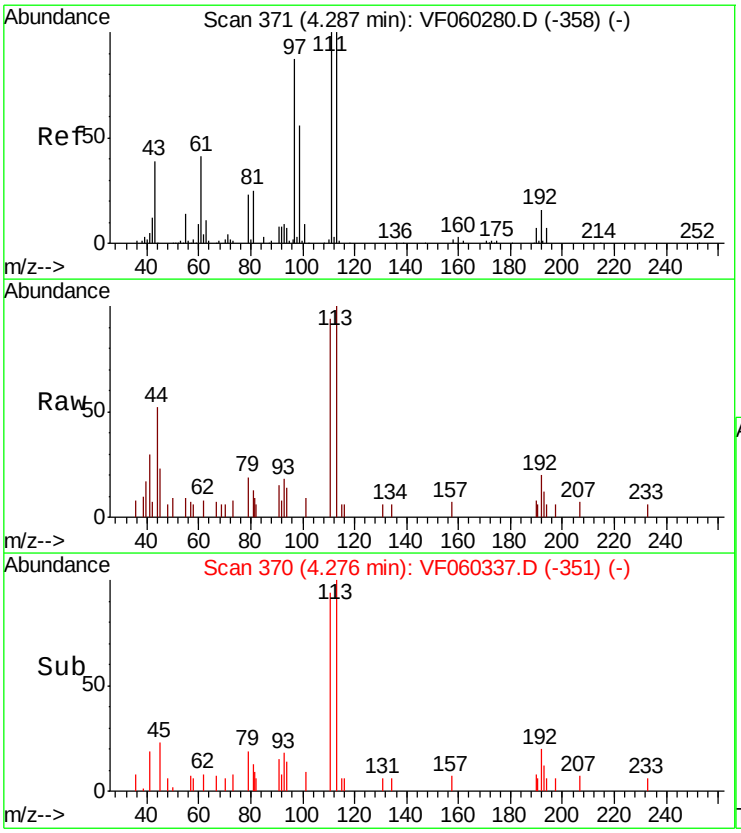
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:114 Resp: 18920

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	43.8
88	15.2	0.0	41.2

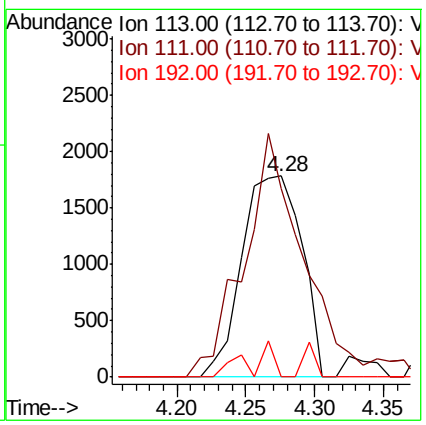


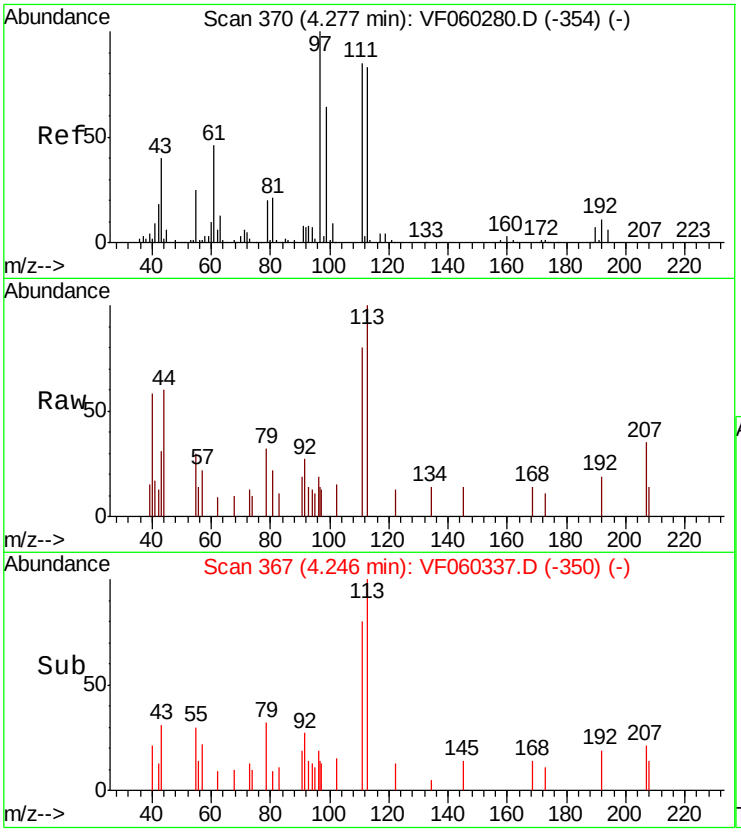


#35
Dibromofluoromethane
Concen: 31.976 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:113 Resp: 5393

Ion	Ratio	Lower	Upper
113	100		
111	93.6	79.6	119.4
192	0.0	13.0	19.6#



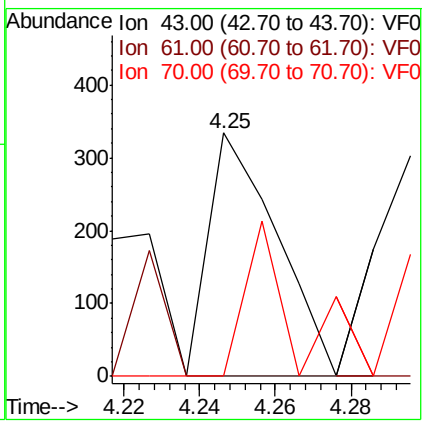


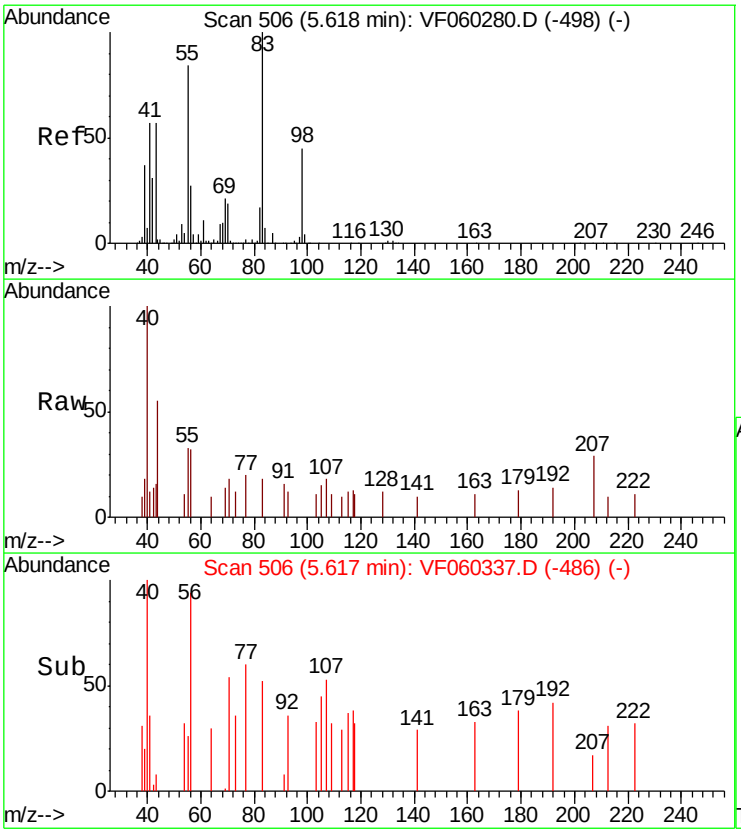
#37
Ethyl Acetate
Concen: 4.176 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 43 Resp: 417

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

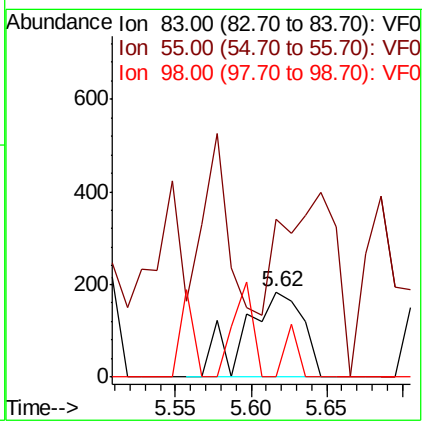


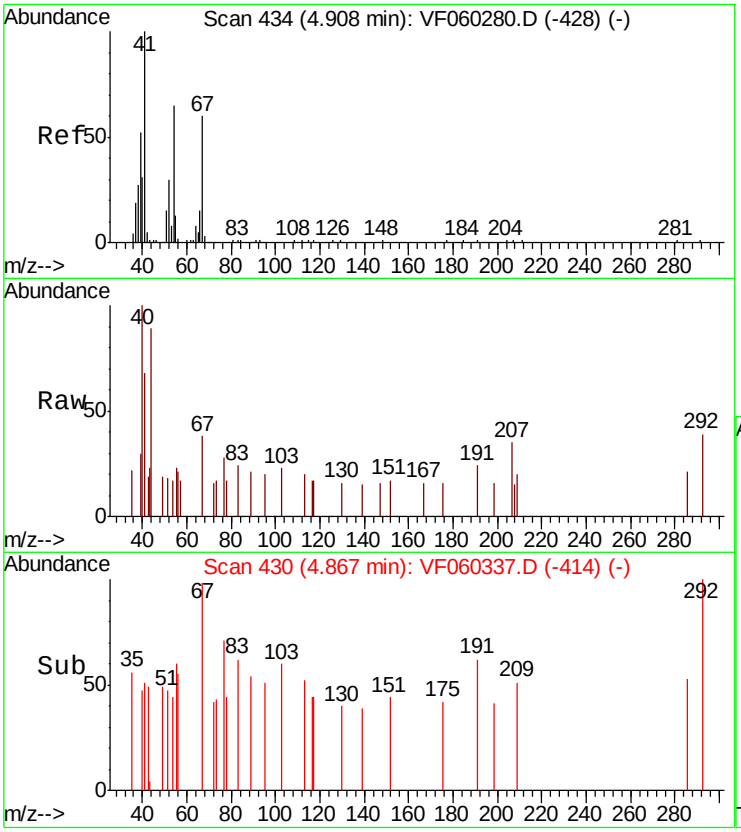


#39
Methylcyclohexane
Concen: 1.959 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 83 Resp: 501

Ion	Ratio	Lower	Upper
83	100		
55	185.9	67.3	100.9#
98	0.0	36.1	54.1#



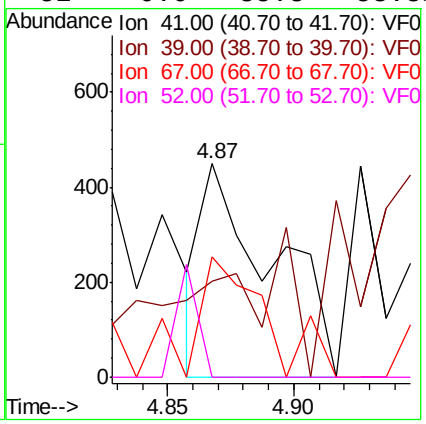


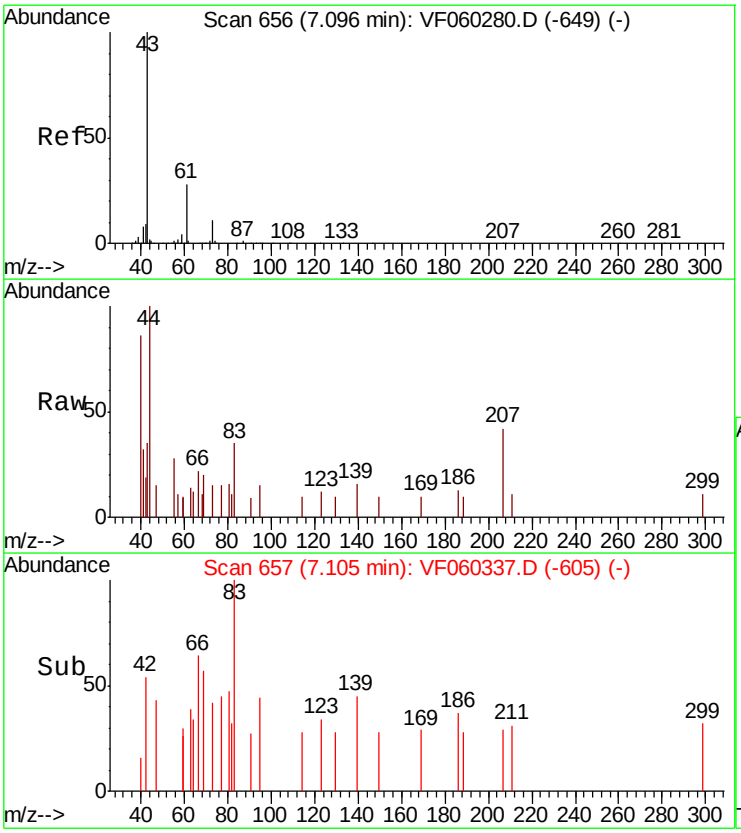
#41
Methacrylonitrile
Concen: 16.204 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 41 Resp: 878

Ion	Ratio	Lower	Upper
41	100		
39	44.7	49.1	73.7#
67	56.2	48.2	72.4
52	0.0	35.8	53.8#

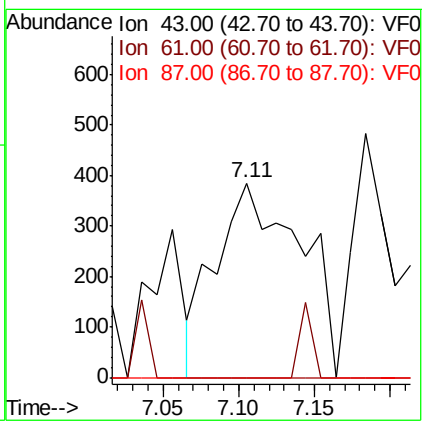


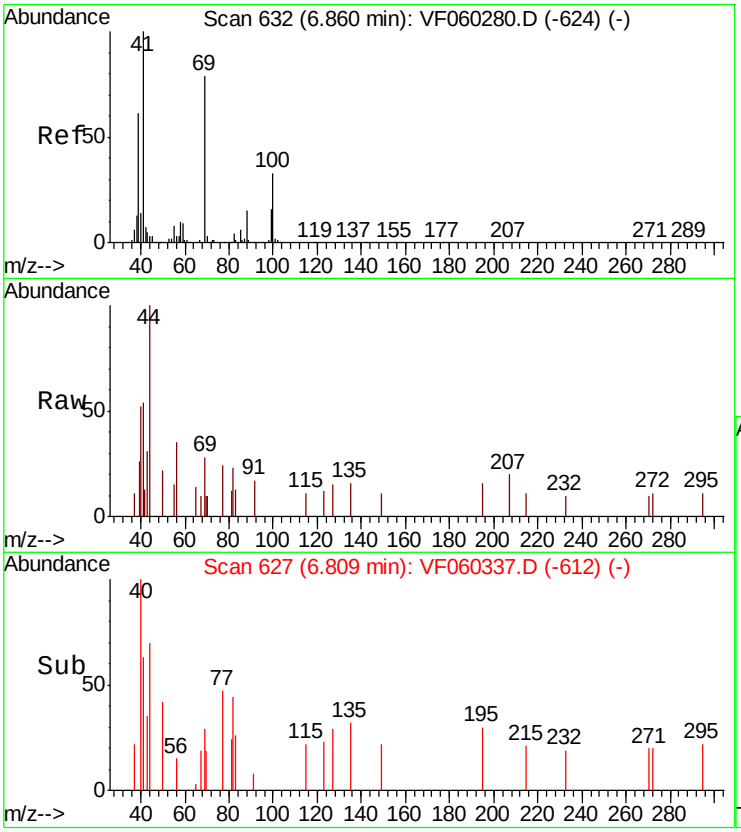


#43
Isopropyl Acetate
Concen: 12.511 ug/l
RT: 7.11 min Scan# 657
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 43 Resp: 1504

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



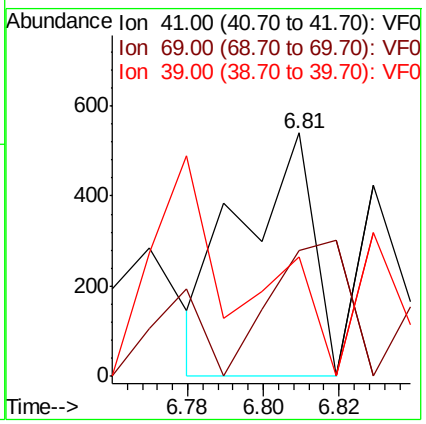


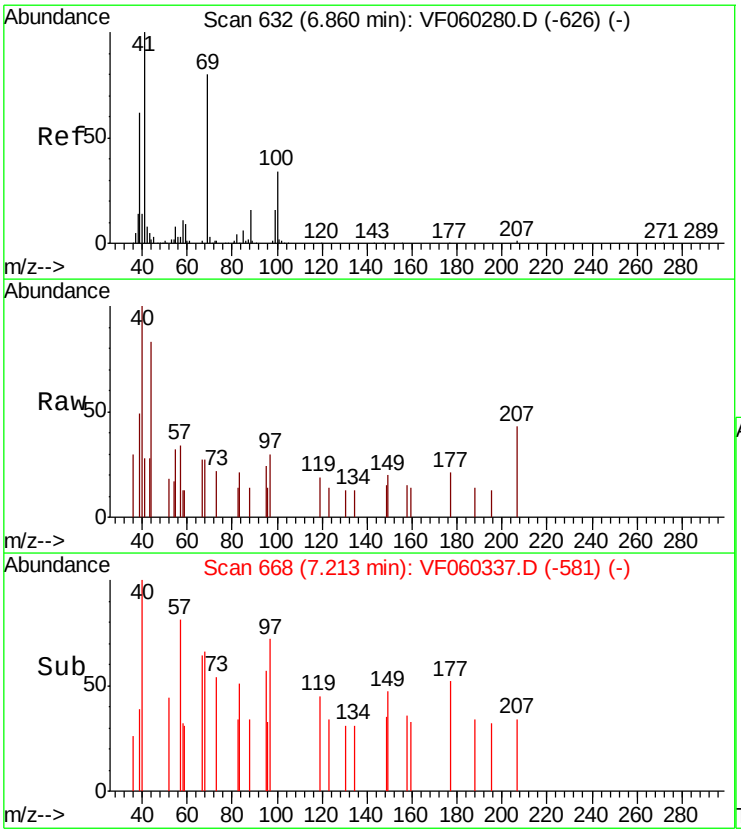
#48
Methyl methacrylate
Concen: 8.579 ug/l
RT: 6.81 min Scan# 627
Delta R.T. -0.05 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 41 Resp: 724

Ion	Ratio	Lower	Upper
41	100		
69	51.9	62.6	94.0#
39	49.3	49.1	73.7

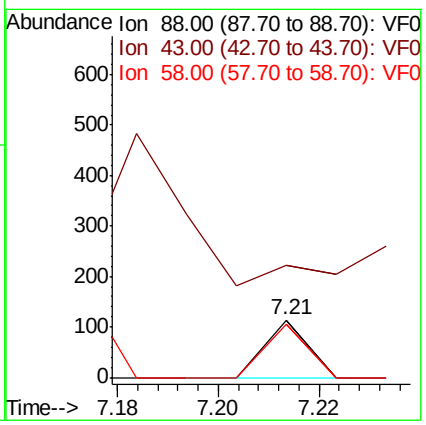


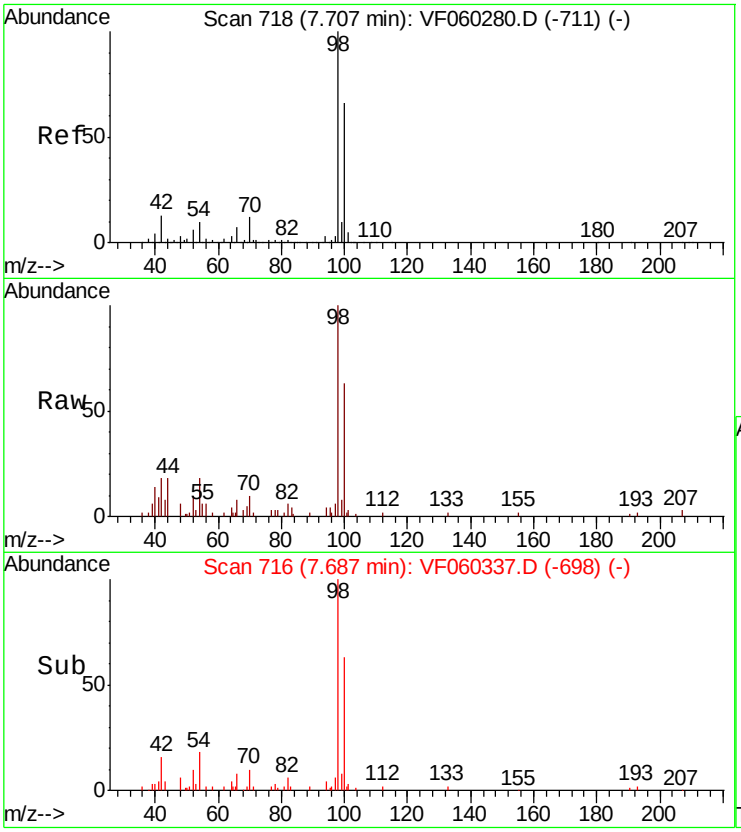


#49
1,4-Dioxane
Concen: 88.869 ug/l
RT: 7.21 min Scan# 668
Delta R.T. 0.35 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	197.3	40.2	60.4#
58	93.8	56.7	85.1#



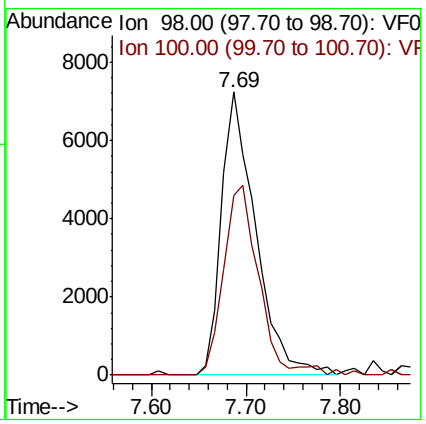


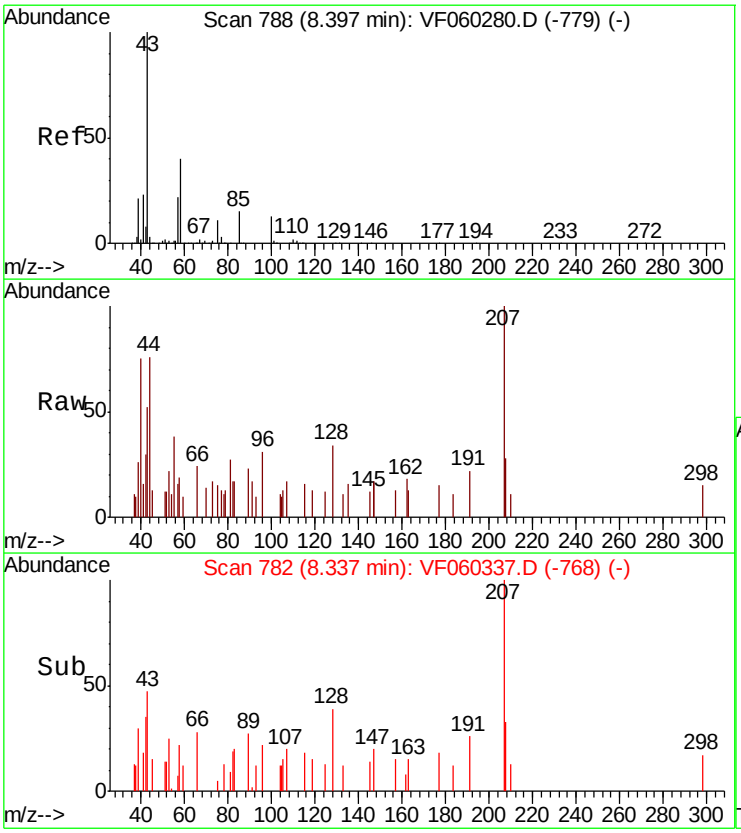
#50
Toluene-d8
Concen: 41.275 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 98 Resp: 18129

Ion	Ratio	Lower	Upper
98	100		
100	63.3	53.0	79.6

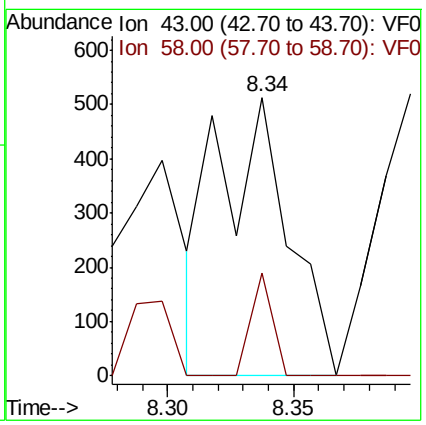


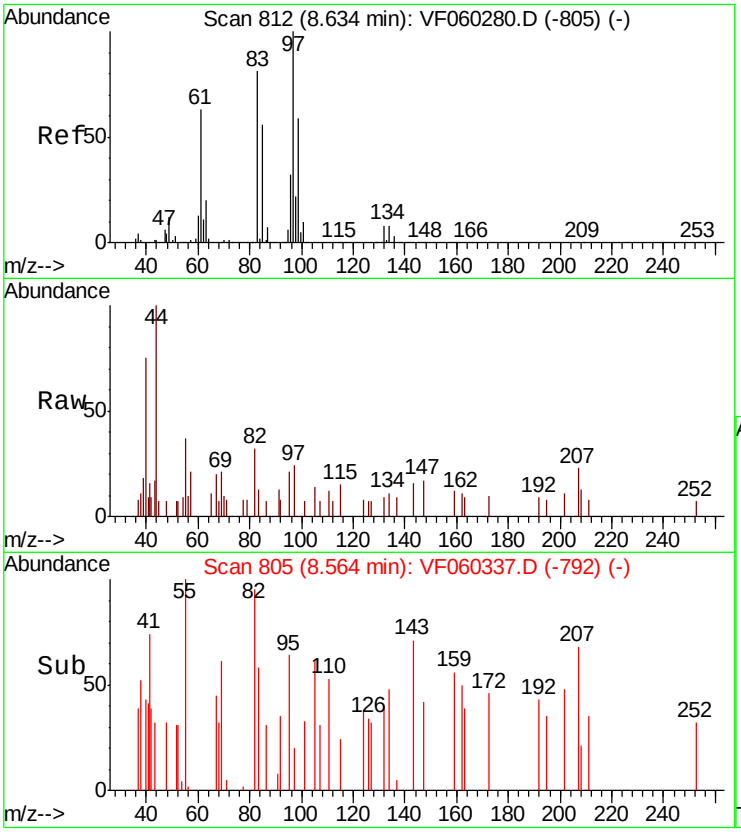


#51
4-Methyl-2-Pentanone
Concen: 10.825 ug/l
RT: 8.34 min Scan# 782
Delta R.T. -0.06 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 43 Resp: 1003

Ion	Ratio	Lower	Upper
43	100		
58	36.8	31.8	47.8



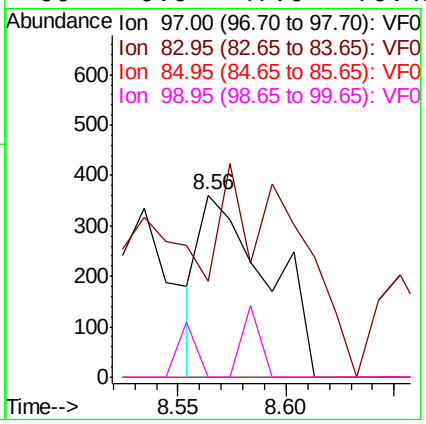


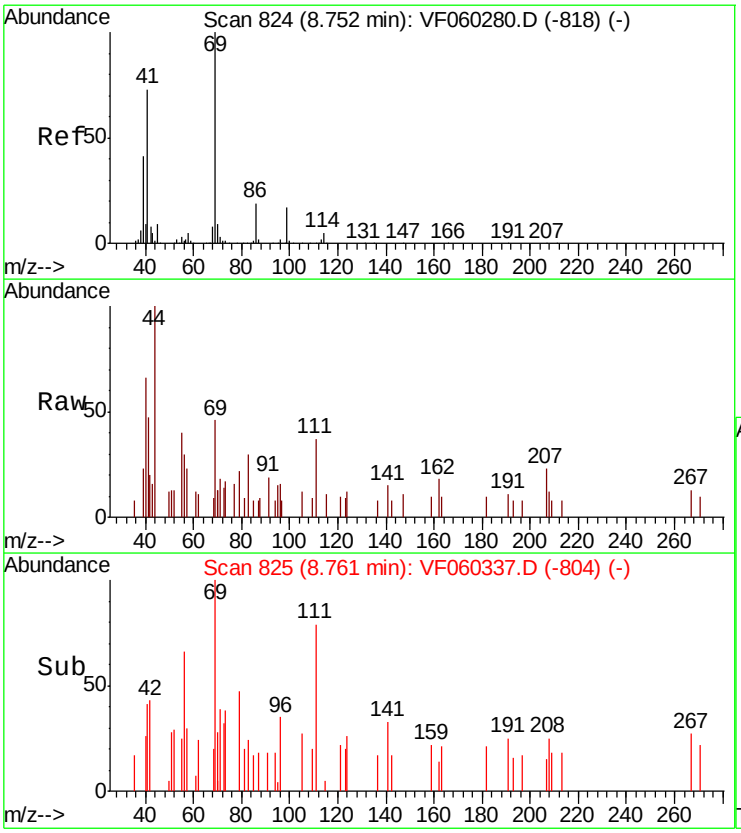
#55
1,1,2-Trichloroethane
Concen: 7.601 ug/l
RT: 8.56 min Scan# 805
Delta R.T. -0.07 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 97 Resp: 781

Ion	Ratio	Lower	Upper
97	100		
83	52.9	65.3	97.9#
85	0.0	44.7	67.1#
99	0.0	47.0	70.4#

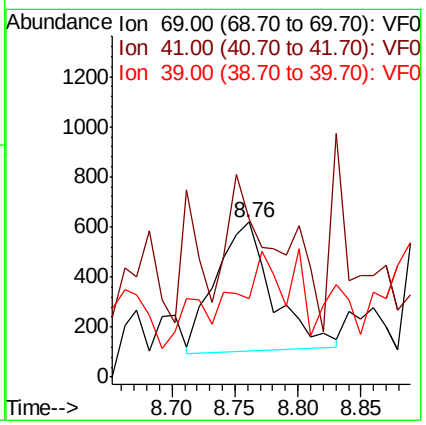


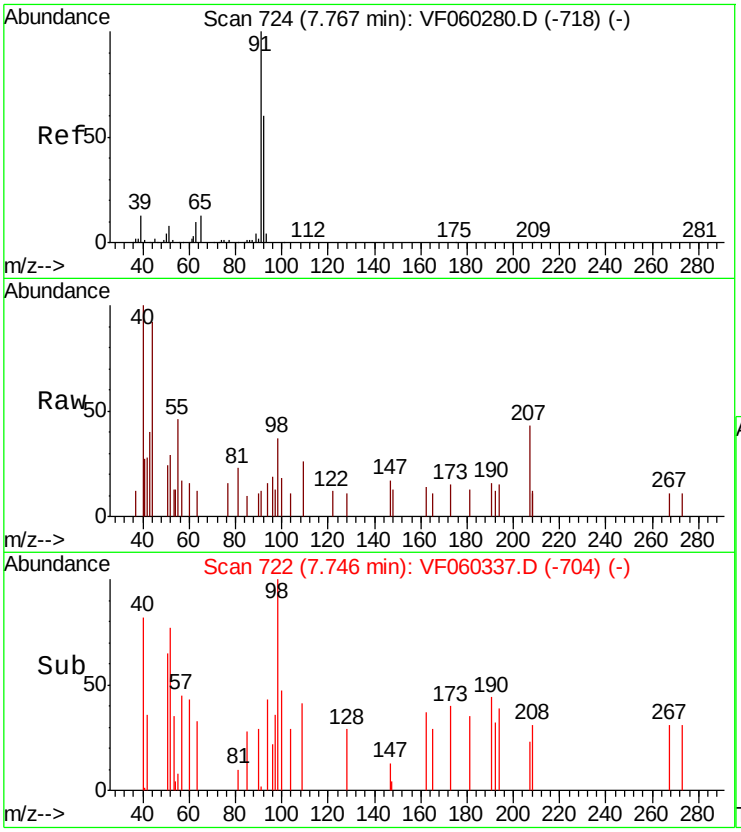


#56
Ethyl methacrylate
Concen: 13.031 ug/l
RT: 8.76 min Scan# 825
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 69 Resp: 1617

Ion	Ratio	Lower	Upper
69	100		
41	102.3	59.4	89.2#
39	51.0	33.5	50.3#



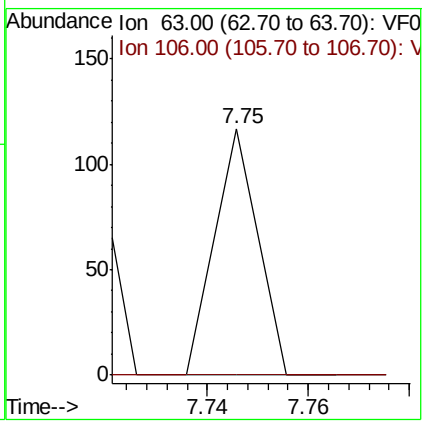


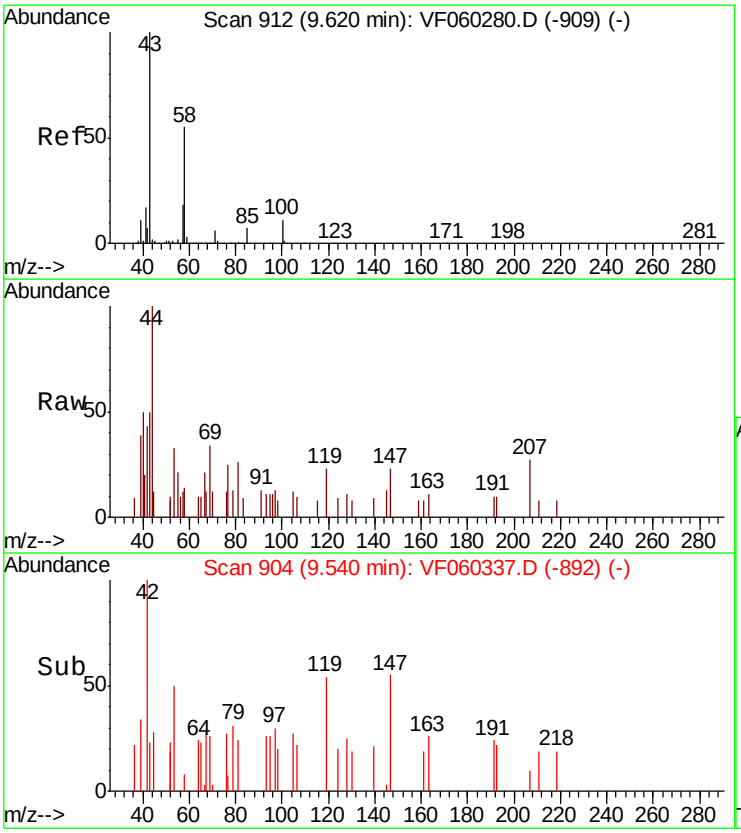
#58
2-Chloroethyl Vinyl ether
Concen: 6.290 ug/l
RT: 7.75 min Scan# 722
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 63 Resp: 69

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

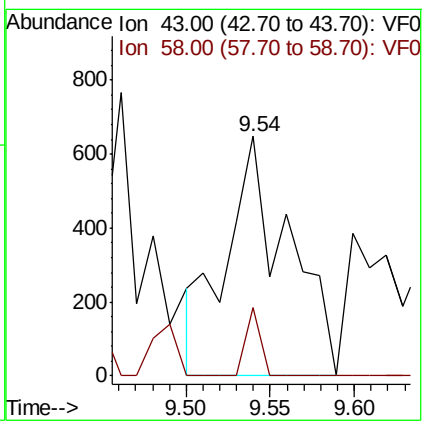


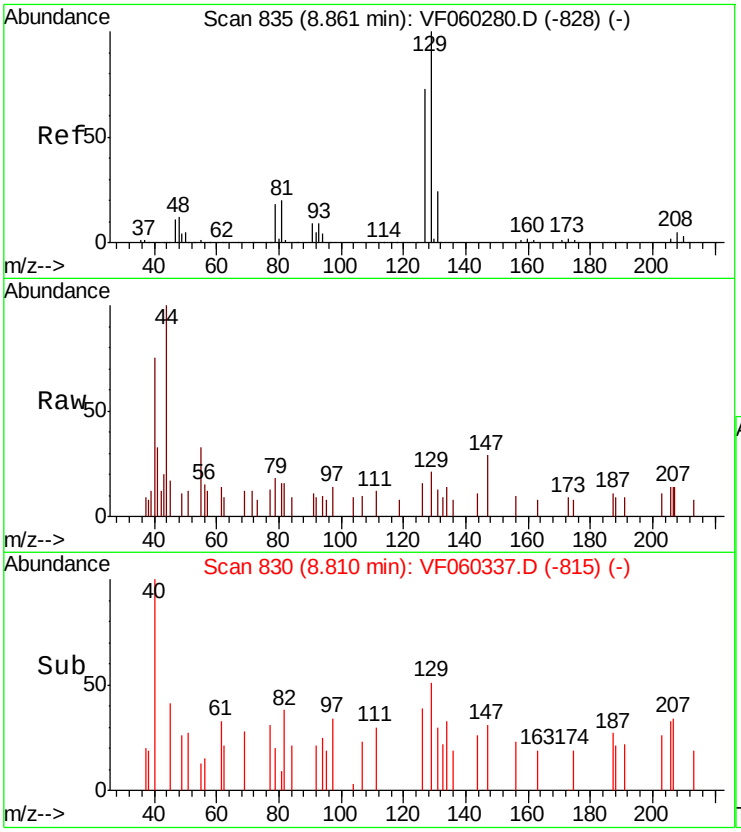


#59
2-Hexanone
Concen: 25.102 ug/l
RT: 9.54 min Scan# 904
Delta R.T. -0.08 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 43 Resp: 1656

Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.9	77.6



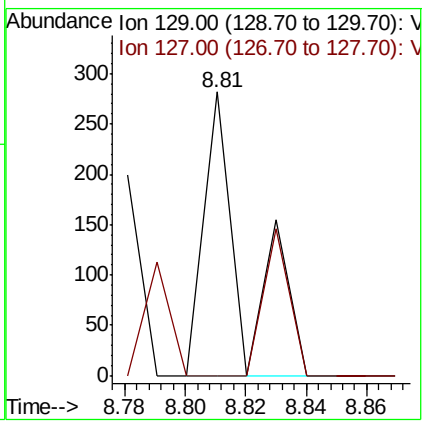


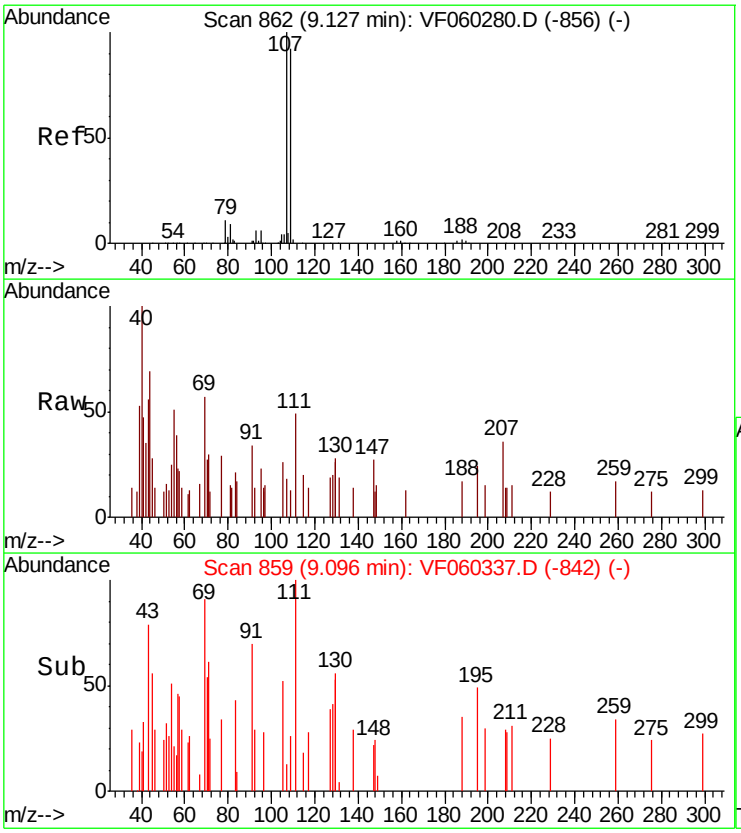
#60
Dibromochloromethane
Concen: 1.685 ug/l
RT: 8.81 min Scan# 830
Delta R.T. -0.05 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:129 Resp: 258

Ion	Ratio	Lower	Upper
129	100		
127	0.0	36.6	109.8#

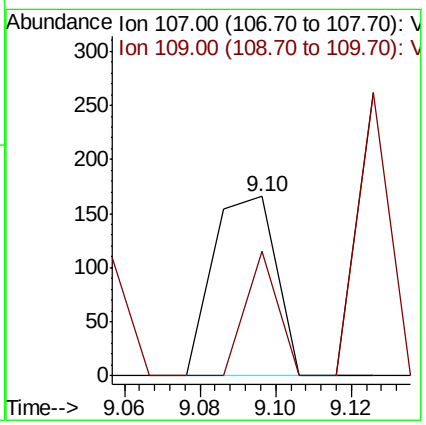


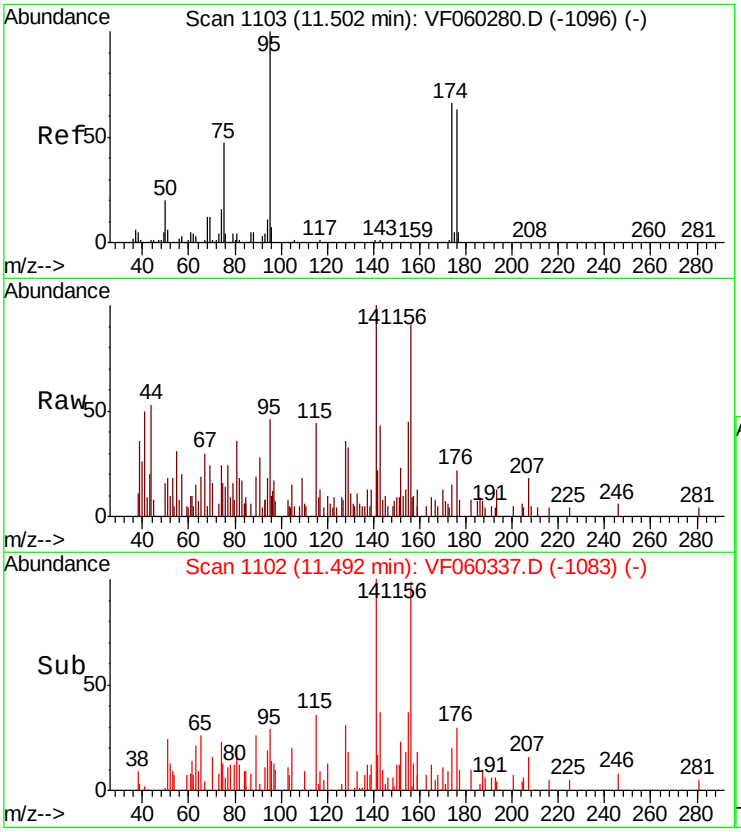


#61
1,2-Dibromoethane
Concen: 1.652 ug/l
RT: 9.10 min Scan# 859
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:107 Resp: 189

Ion	Ratio	Lower	Upper
107	100		
109	69.3	73.2	109.8#



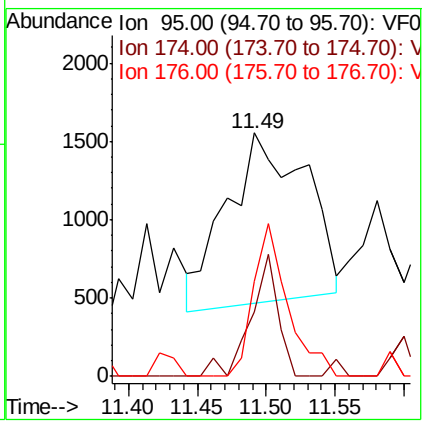


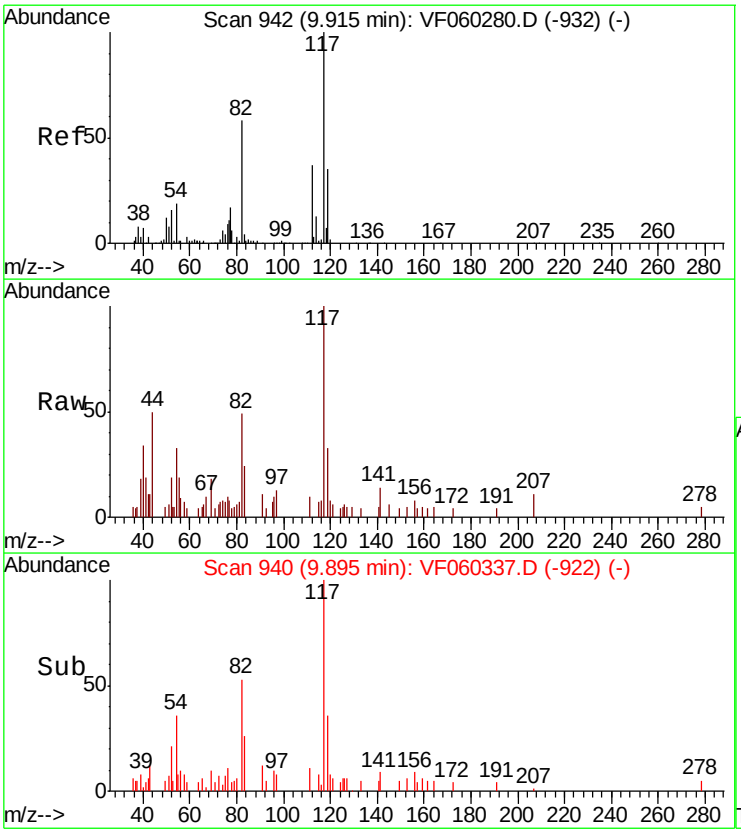
#62
4-Bromofluorobenzene
Concen: 22.664 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion: 95 Resp: 4303

Ion	Ratio	Lower	Upper
95	100		
174	26.4	0.0	131.2
176	39.3	0.0	126.6

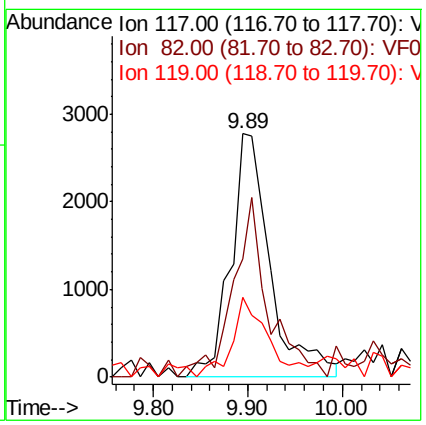


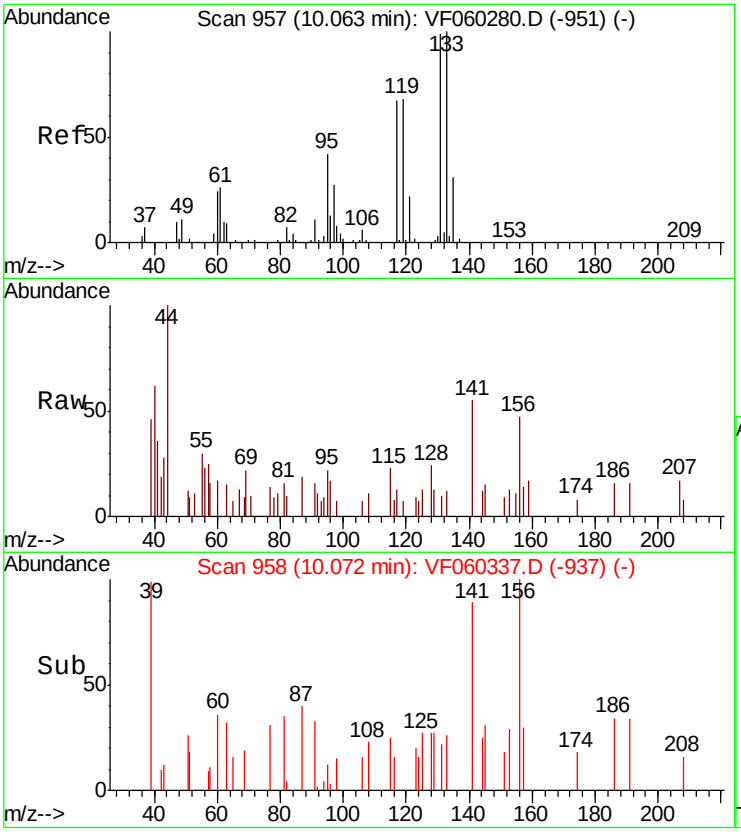


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:117 Resp: 8071

Ion	Ratio	Lower	Upper
117	100		
82	48.5	46.2	69.2
119	32.6	27.8	41.6



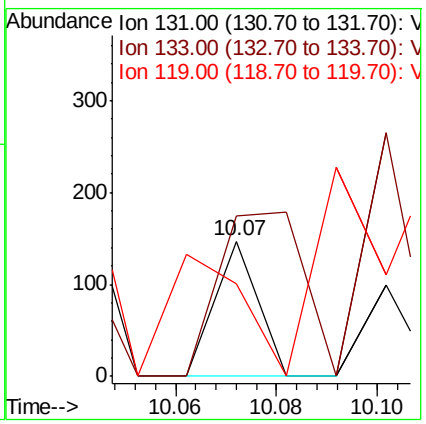


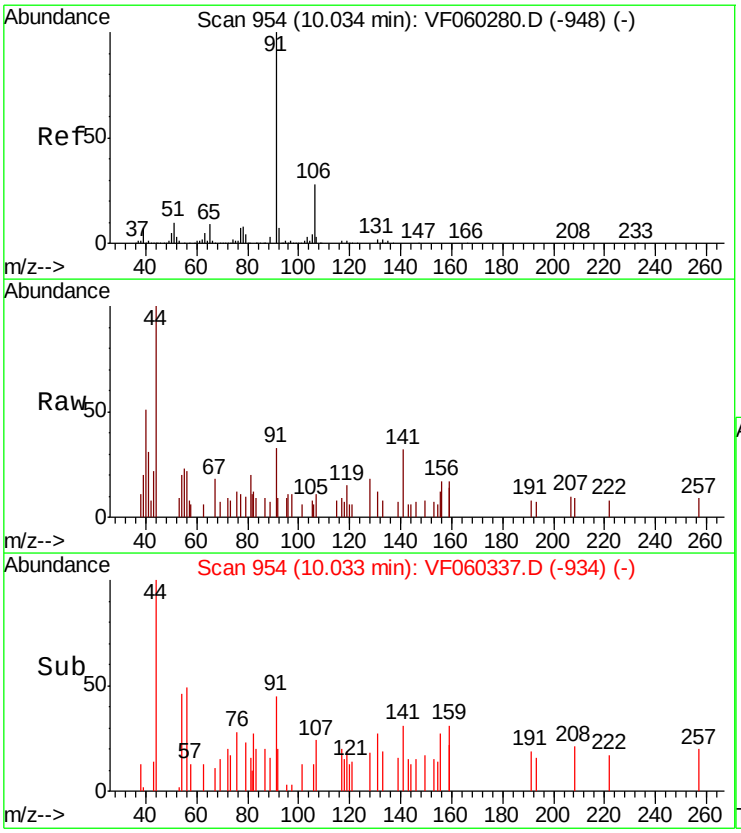
#66
1,1,1,2-Tetrachloroethane
Concen: 1.146 ug/l
RT: 10.07 min Scan# 958
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:131 Resp: 87

Ion	Ratio	Lower	Upper
131	100		
133	119.0	50.4	151.2
119	68.7	34.8	104.3

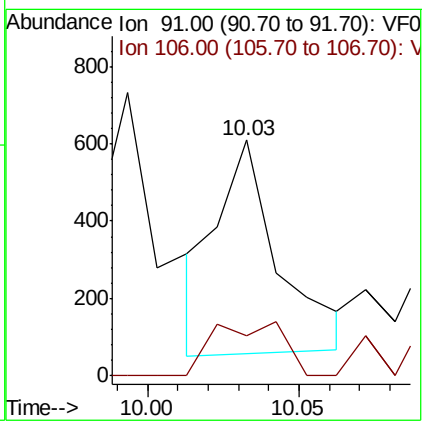


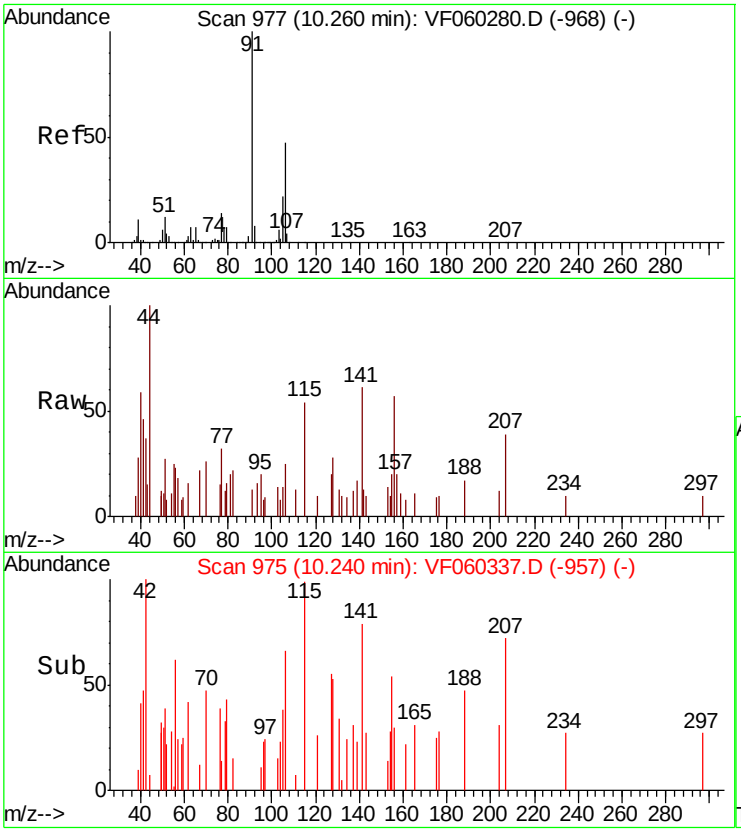


#67
Ethyl Benzene
Concen: 2.342 ug/l
RT: 10.03 min Scan# 954
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 91 Resp: 792

Ion	Ratio	Lower	Upper
91	100		
106	17.2	22.7	34.1#



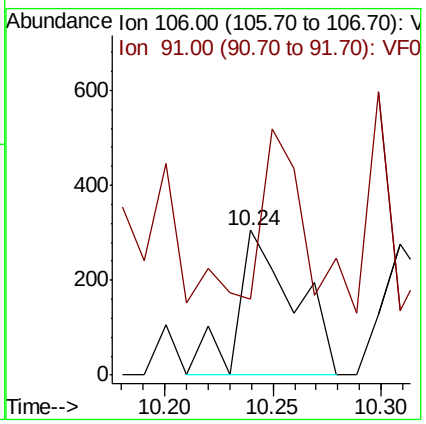


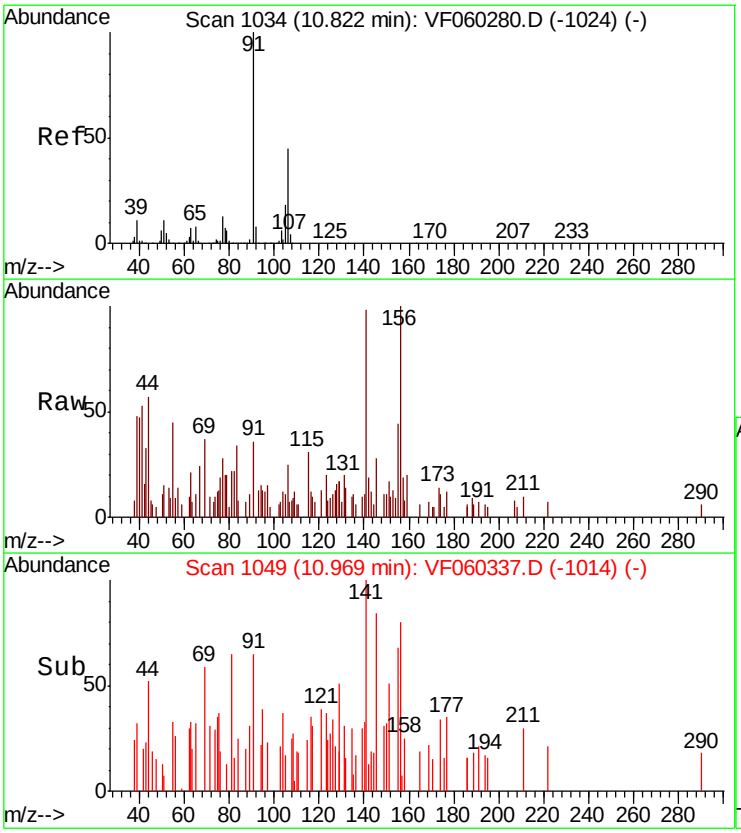
#68
m/p-Xylenes
Concen: 4.835 ug/l
RT: 10.24 min Scan# 975
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion:106 Resp: 565

Ion	Ratio	Lower	Upper
106	100		
91	52.1	172.3	258.5#

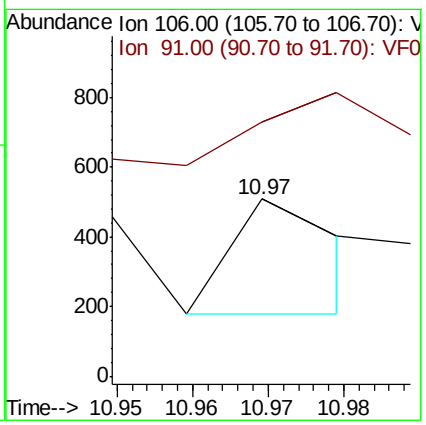


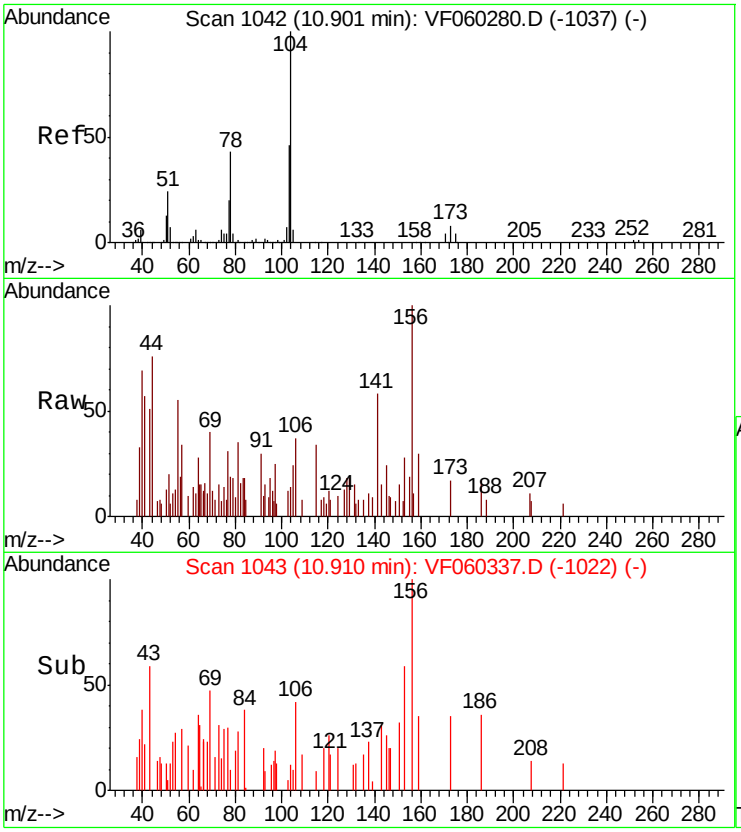


#69
o-Xylene
Concen: 2.487 ug/l
RT: 10.97 min Scan# 1049
Delta R.T. 0.15 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:106 Resp: 326

Ion	Ratio	Lower	Upper
106	100		
91	143.2	110.9	332.6



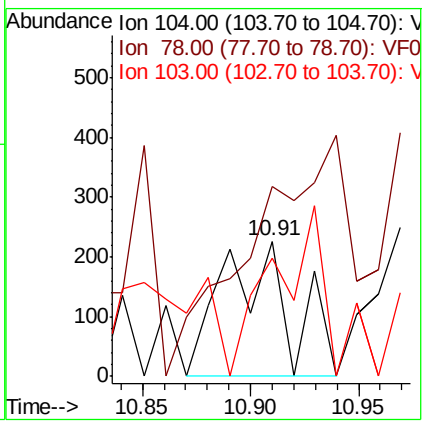


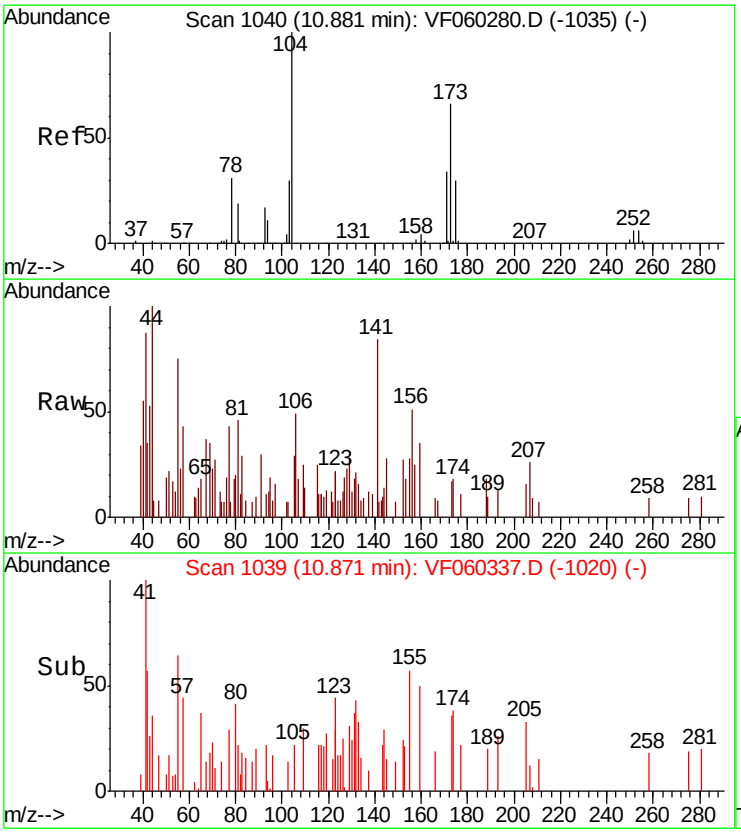
#70
Styrene
Concen: 2.689 ug/l
RT: 10.91 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion:104 Resp: 497

Ion	Ratio	Lower	Upper
104	100		
78	141.2	35.0	52.6#
103	88.1	37.4	56.0#

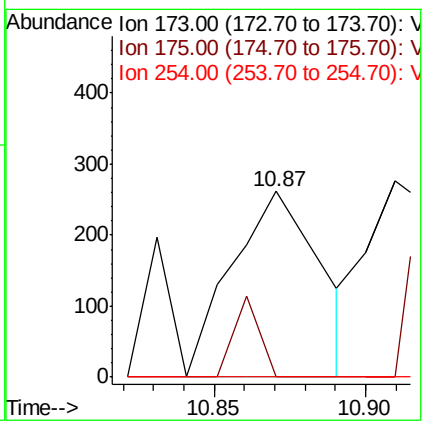


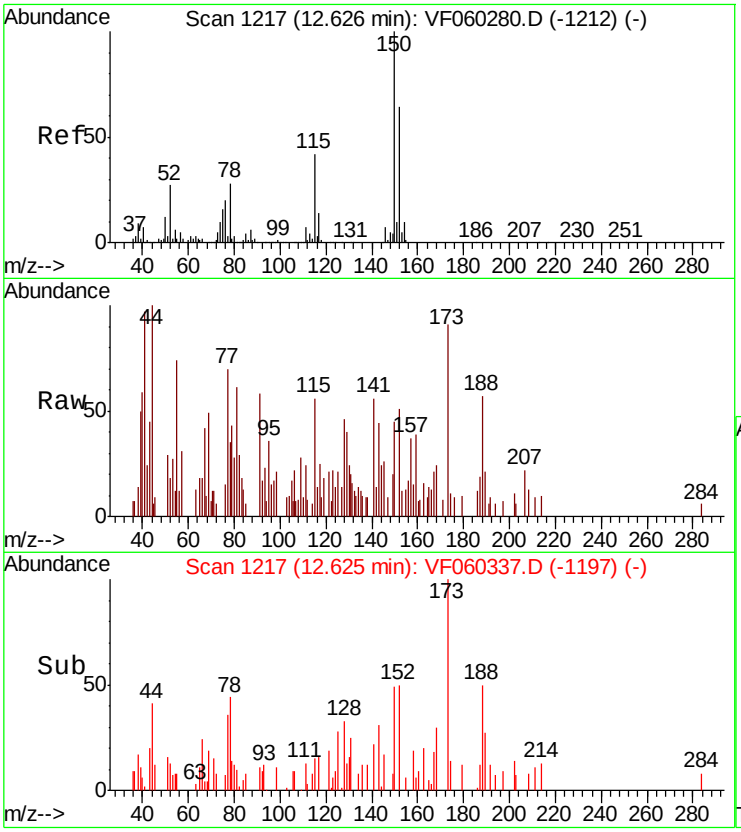


#71
Bromoform
Concen: 12.688 ug/l
RT: 10.87 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:173 Resp: 529

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



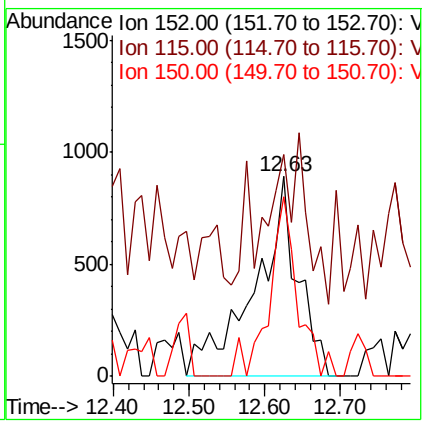


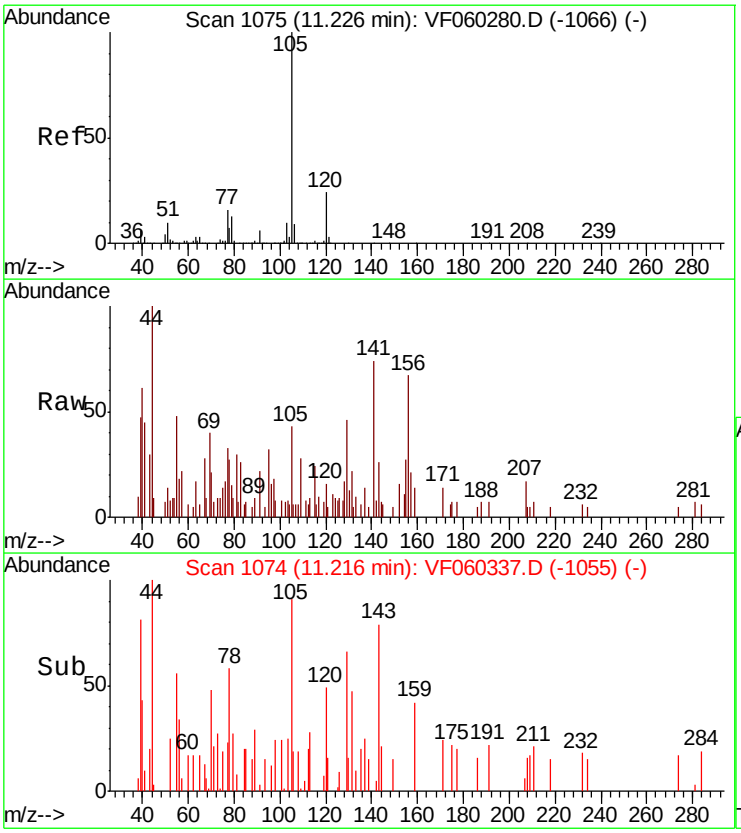
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion:152 Resp: 3520

Ion	Ratio	Lower	Upper
152	100		
115	110.9	32.6	97.8#
150	89.6	0.0	314.2

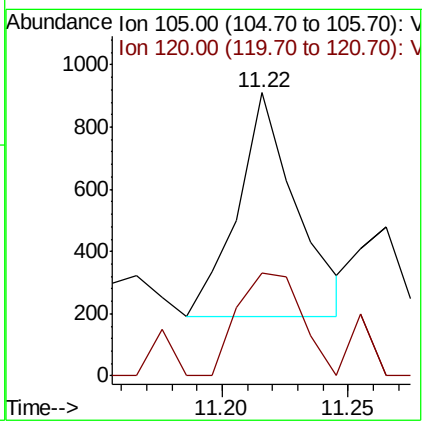


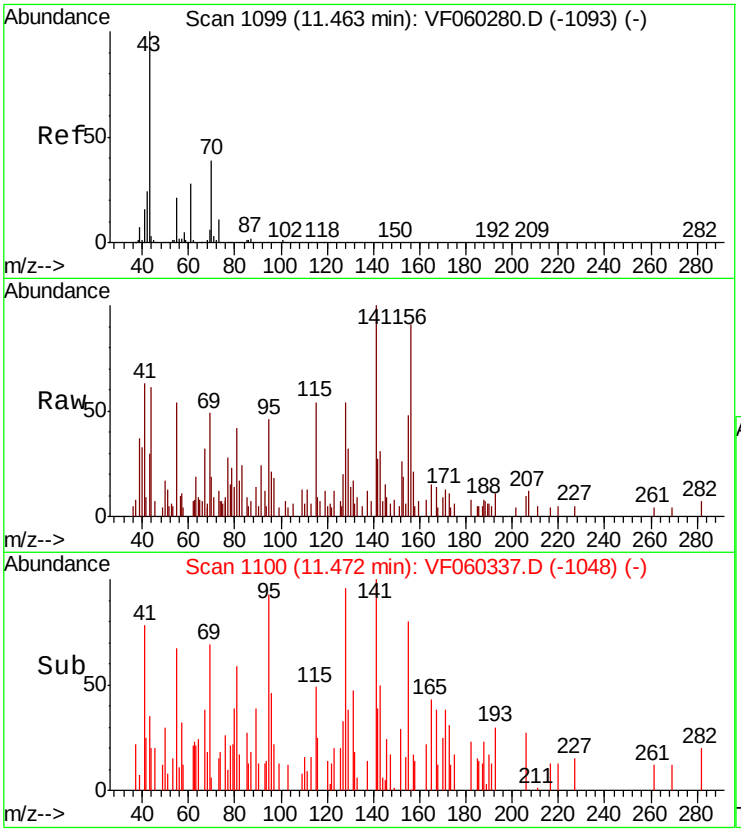


#73
Isopropylbenzene
Concen: 3.706 ug/l
RT: 11.22 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:105 Resp: 1171

Ion	Ratio	Lower	Upper
105	100		
120	36.4	12.2	36.6



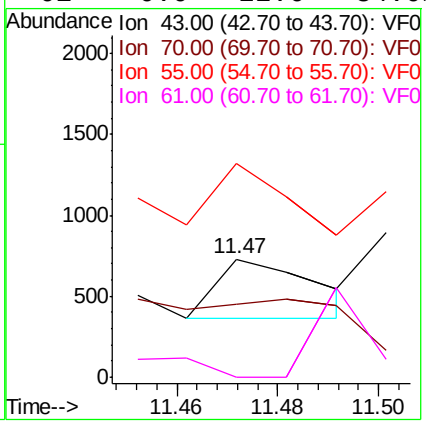


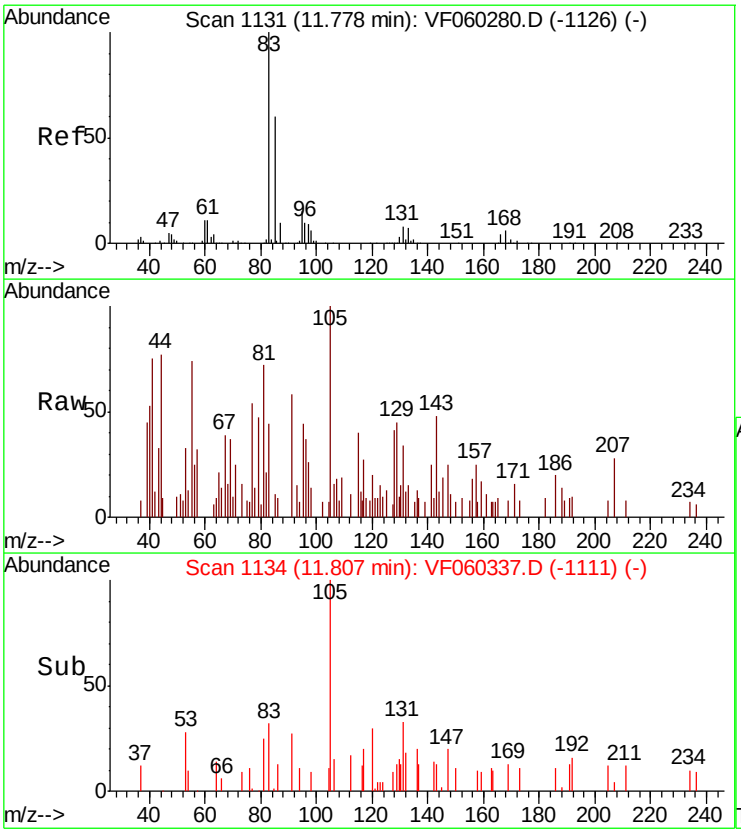
#74
N-amyl acetate
Concen: 7.420 ug/l
RT: 11.47 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 43 Resp: 500

Ion	Ratio	Lower	Upper
43	100		
70	62.2	31.4	47.2#
55	180.8	16.8	25.2#
61	0.0	22.6	34.0#

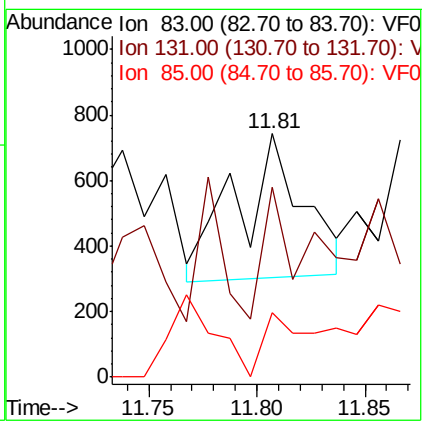


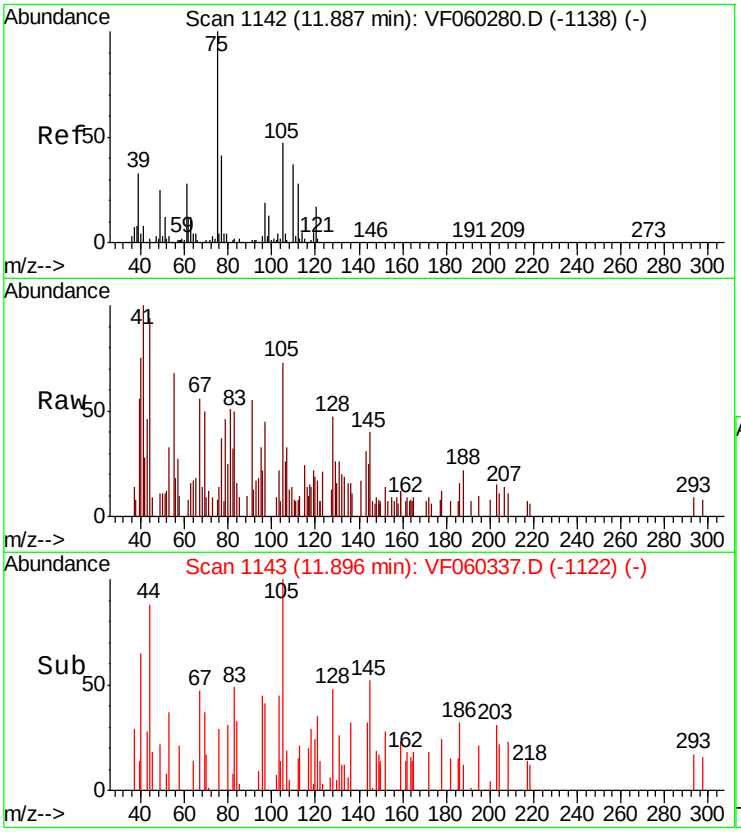


#75
1,1,2,2-Tetrachloroethane
Concen: 16.714 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. 0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 83 Resp: 936

Ion	Ratio	Lower	Upper
83	100		
131	78.2	4.2	12.4#
85	26.4	30.1	90.5#



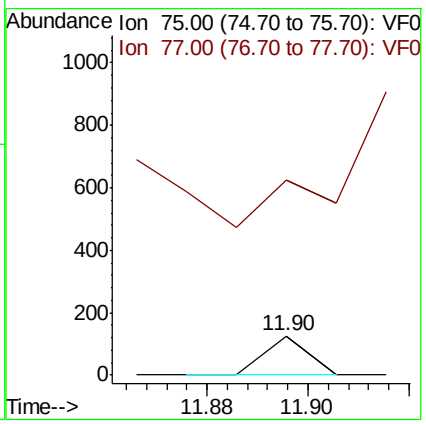


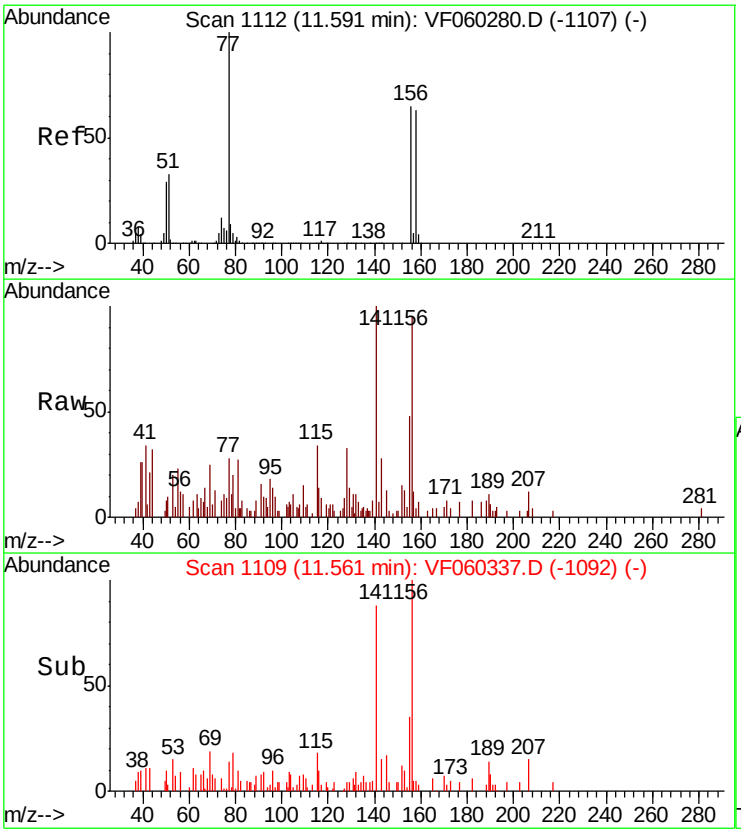
#76
1,2,3-Trichloropropane
Concen: 1.870 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 75 Resp: 75

Ion	Ratio	Lower	Upper
75	100		
77	494.4	20.5	61.5#

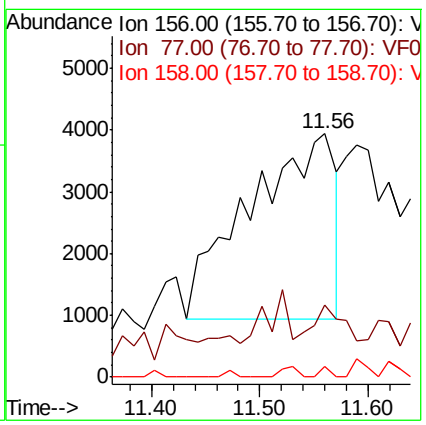


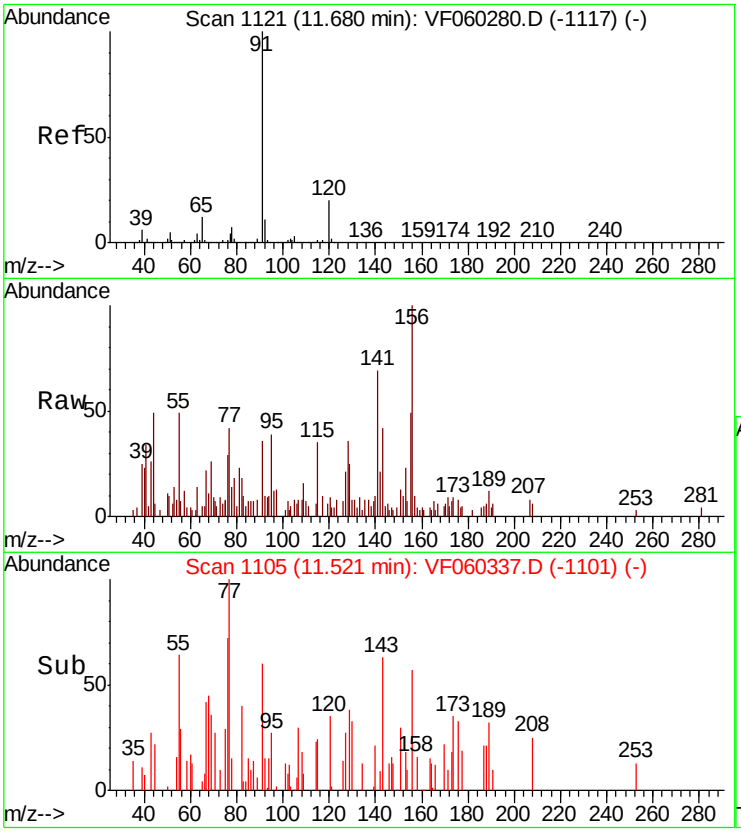


#77
Bromobenzene
Concen: 245.428 ug/l
RT: 11.56 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:156 Resp: 16714

Ion	Ratio	Lower	Upper
156	100		
77	29.5	77.3	232.1#
158	4.3	48.4	145.2#



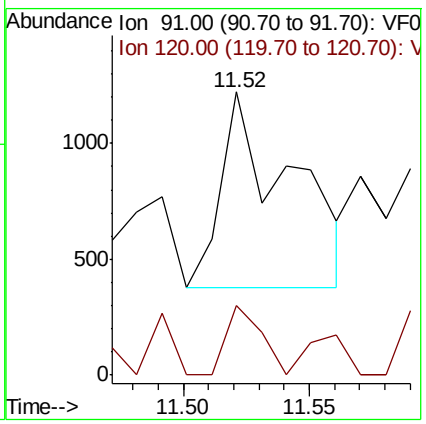


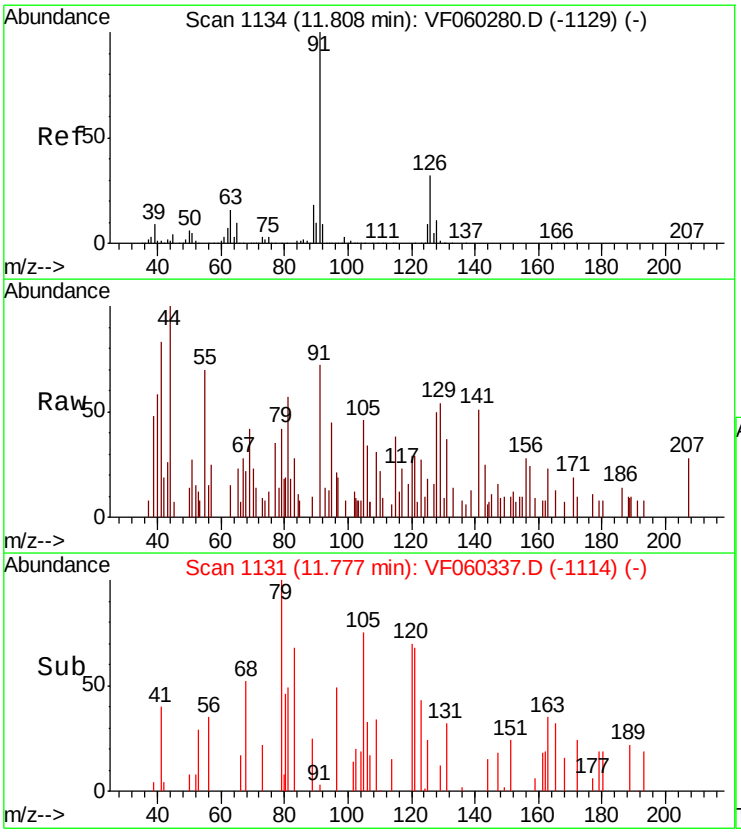
#78
n-propylbenzene
Concen: Below Cal
RT: 11.52 min Scan# 1105
Delta R.T. -0.16 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 91 Resp: 1615

Ion	Ratio	Lower	Upper
91	100		
120	24.7	10.0	29.8

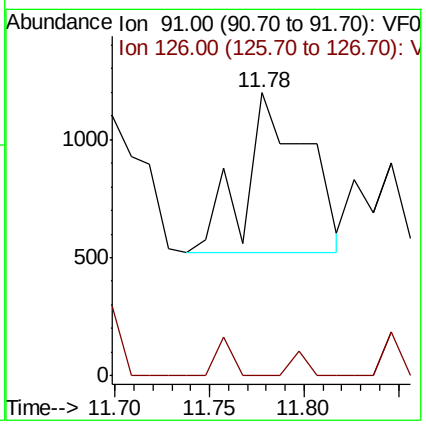


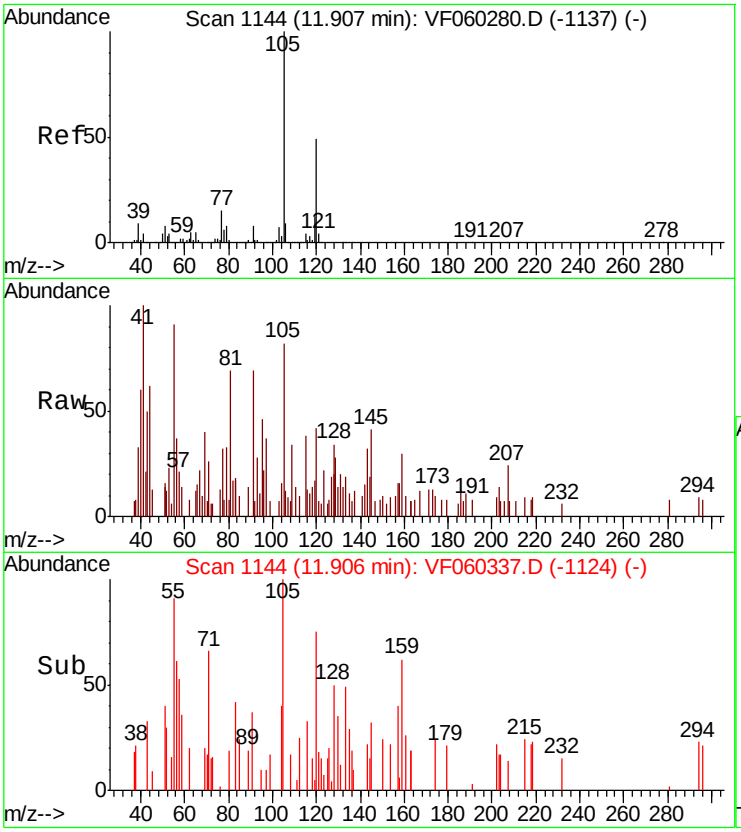


#79
2-Chlorotoluene
Concen: 7.187 ug/l
RT: 11.78 min Scan# 1131
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 91 Resp: 1532

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.3#



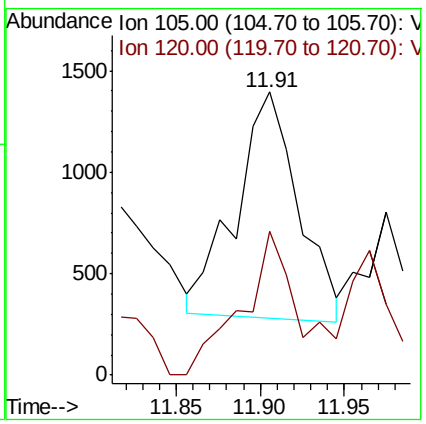


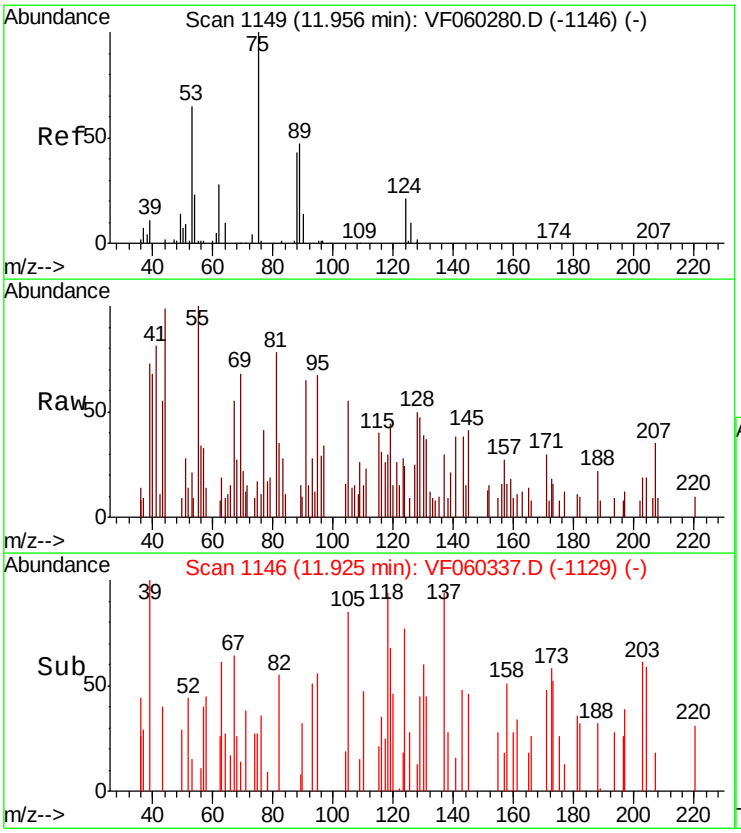
#80
1,3,5-Trimethylbenzene
Concen: 11.263 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:105 Resp: 2865

Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.4	73.2

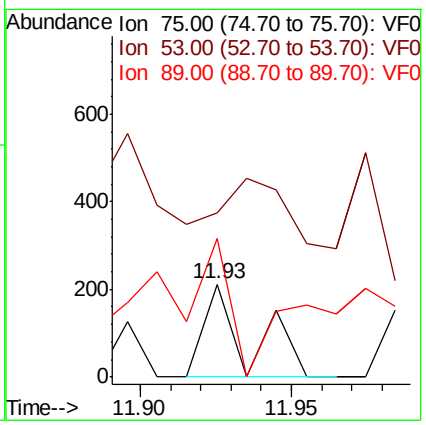


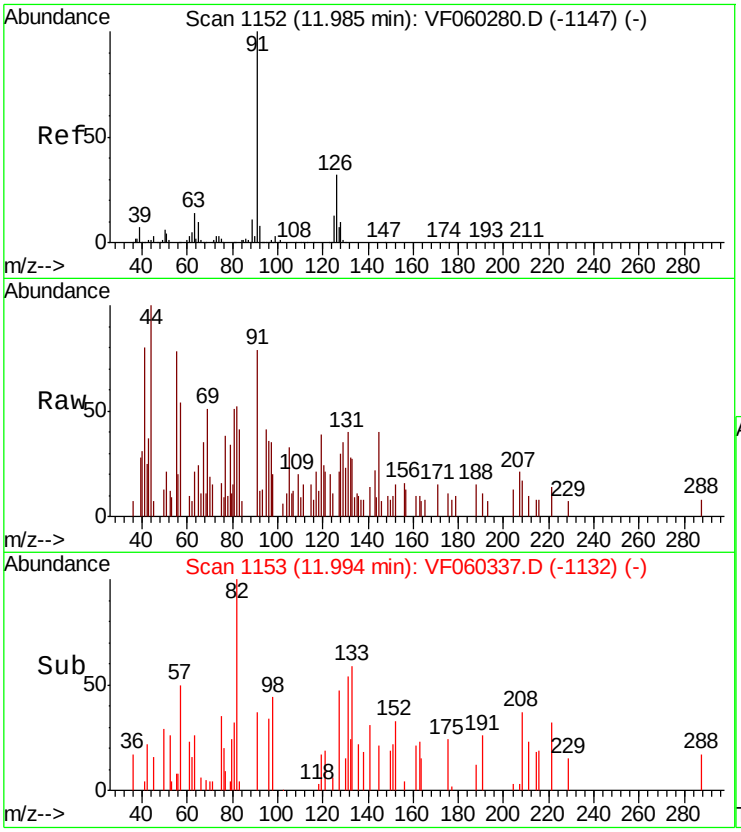


#81
trans-1,4-Dichloro-2-butene
Concen: 10.146 ug/l
RT: 11.93 min Scan# 1146
Delta R.T. -0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 75 Resp: 215

Ion	Ratio	Lower	Upper
75	100		
53	178.2	56.5	84.7#
89	150.2	40.6	60.8#



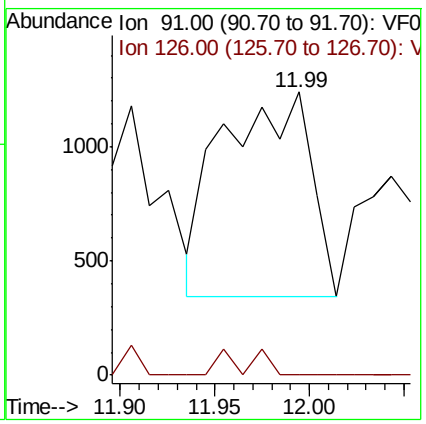


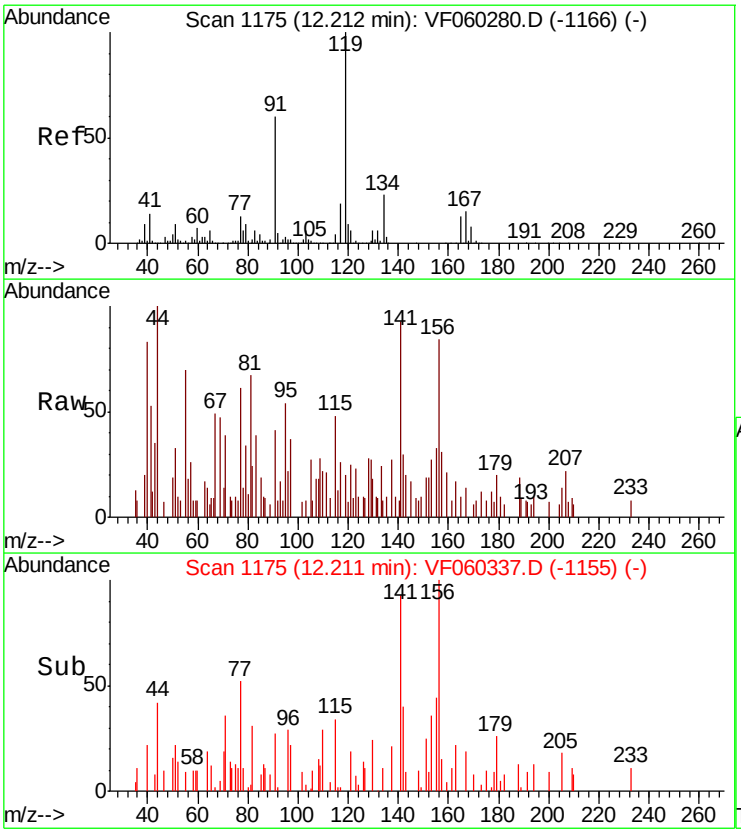
#82
4-Chlorotoluene
Concen: 13.522 ug/l
RT: 11.99 min Scan# 1153
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion: 91 Resp: 2897

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.2#

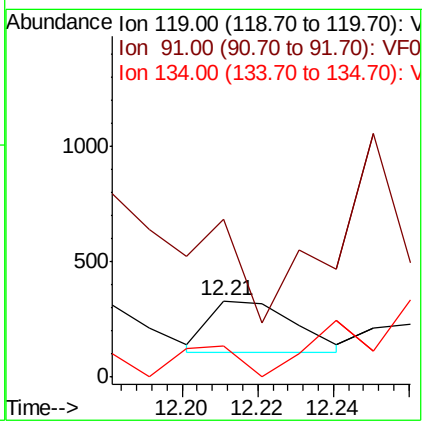


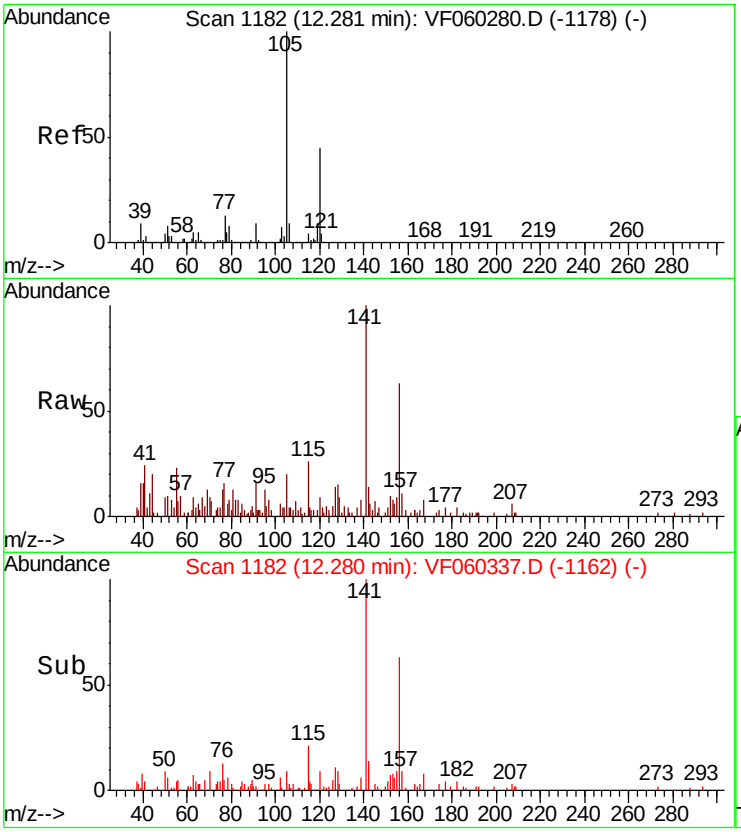


#83
tert-Butylbenzene
Concen: 1.357 ug/l
RT: 12.21 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:119 Resp: 350

Ion	Ratio	Lower	Upper
119	100		
91	206.3	30.3	91.0#
134	40.4	11.6	34.8#



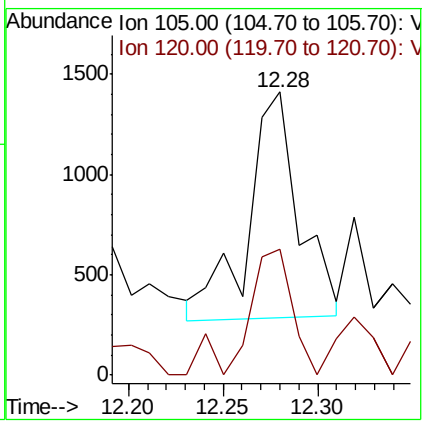


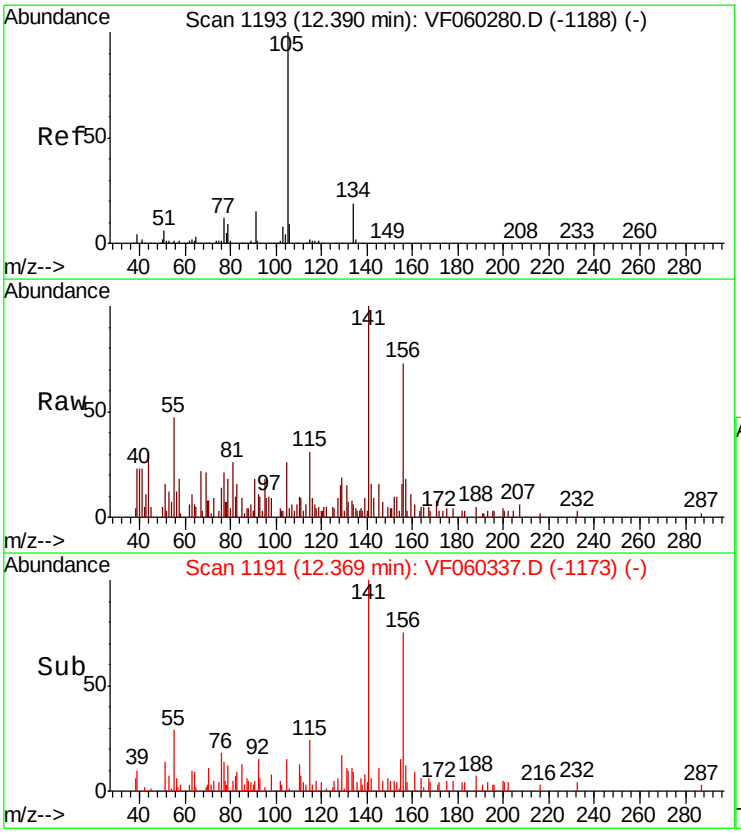
#84
1,2,4-Trimethylbenzene
Concen: 8.215 ug/l
RT: 12.28 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:105 Resp: 2122

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.0

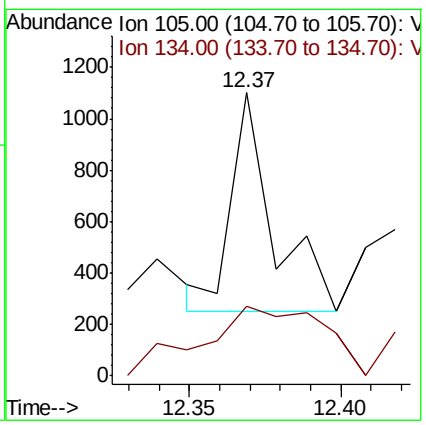


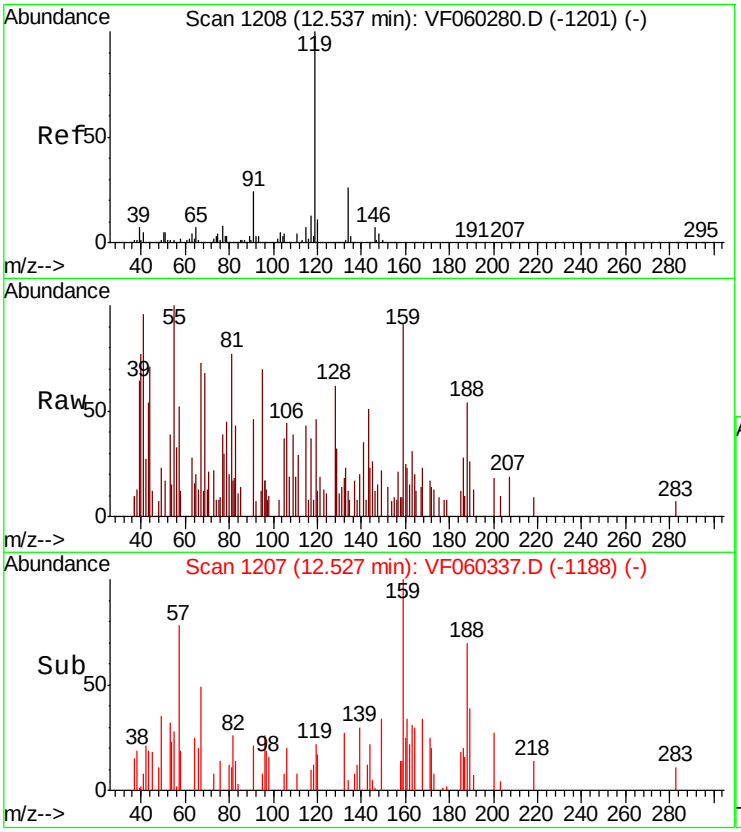


#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.37 min Scan# 1191
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:105 Resp: 820

Ion	Ratio	Lower	Upper
105	100		
134	24.7	9.6	28.6



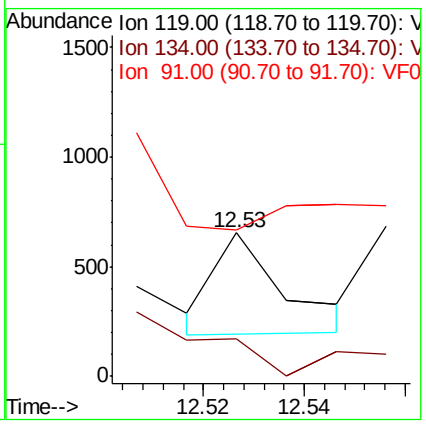


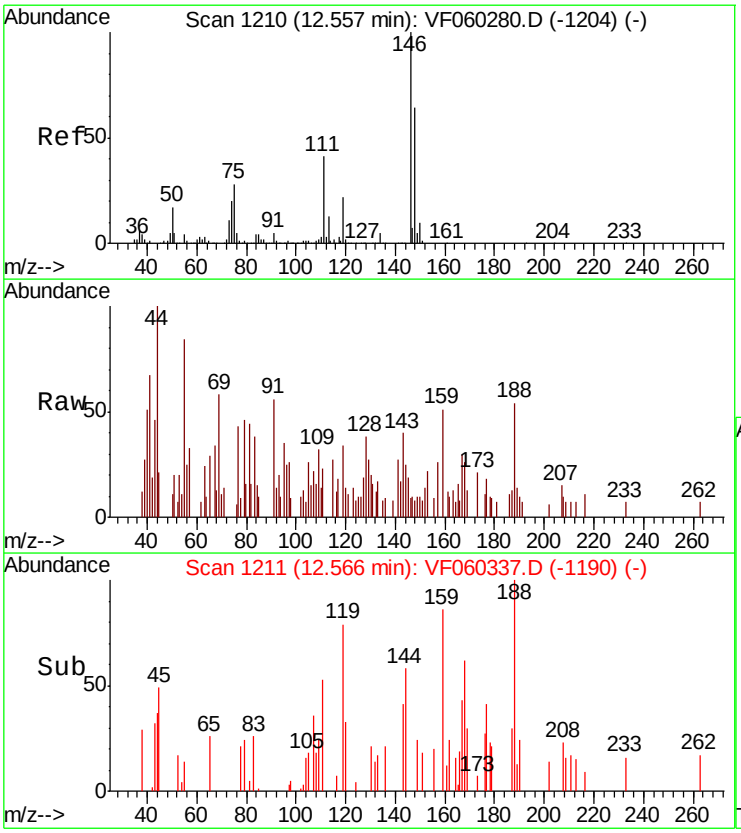
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion:119 Resp: 442

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	101.5	11.9	35.7#

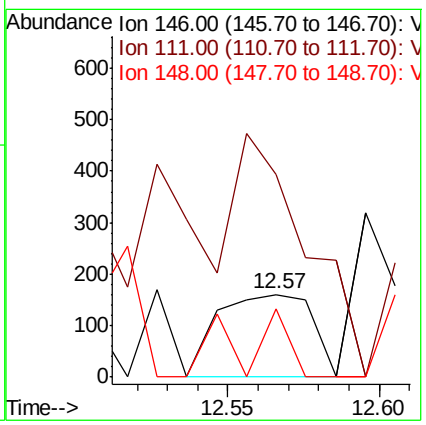


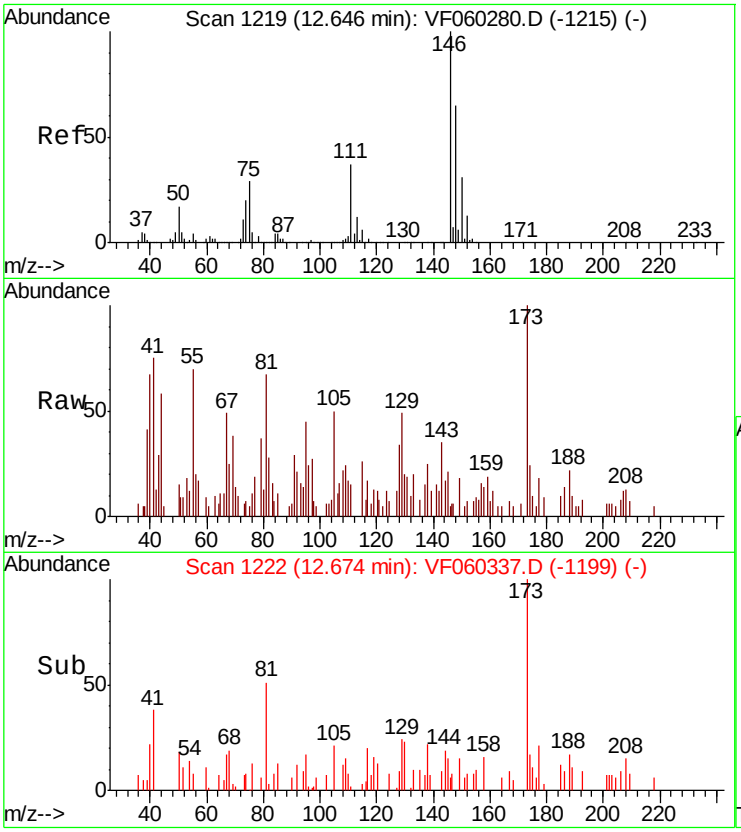


#87
1,3-Dichlorobenzene
Concen: 2.742 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:146 Resp: 349

Ion	Ratio	Lower	Upper
146	100		
111	245.6	20.5	61.6#
148	82.5	32.2	96.6



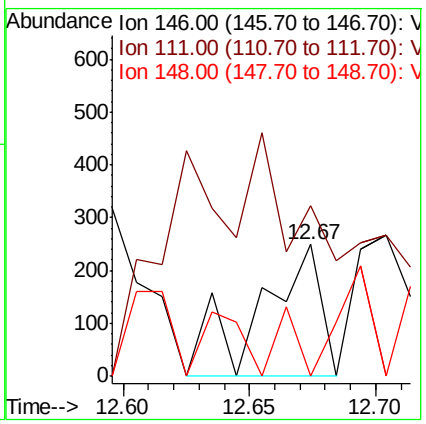


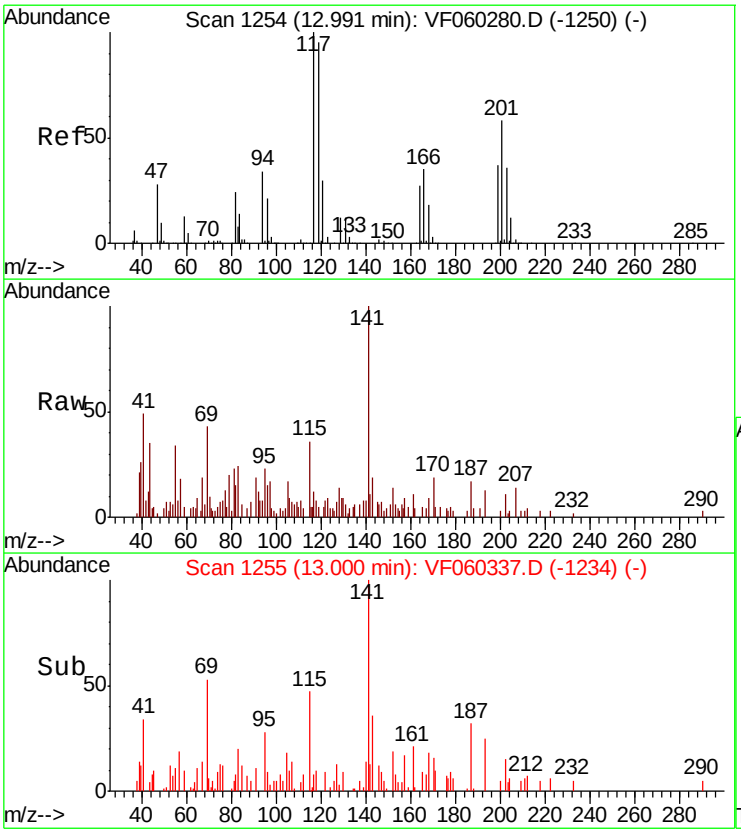
#88
1,4-Dichlorobenzene
Concen: 3.363 ug/l
RT: 12.67 min Scan# 1222
Delta R.T. 0.03 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:146 Resp: 423

Ion	Ratio	Lower	Upper
146	100		
111	129.2	18.7	56.1#
148	0.0	32.4	97.0#

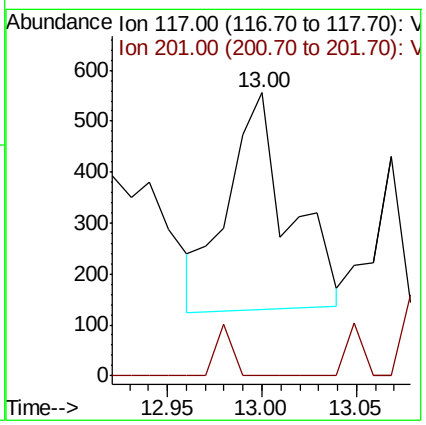


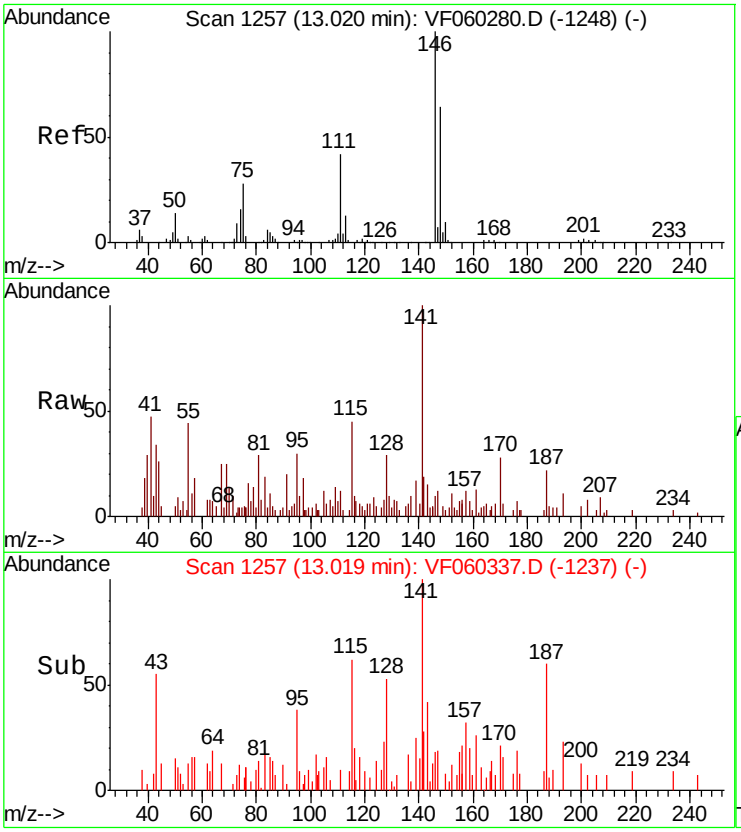


#90
Hexachloroethane
Concen: 13.152 ug/l
RT: 13.00 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:117 Resp: 949

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.0	87.0#



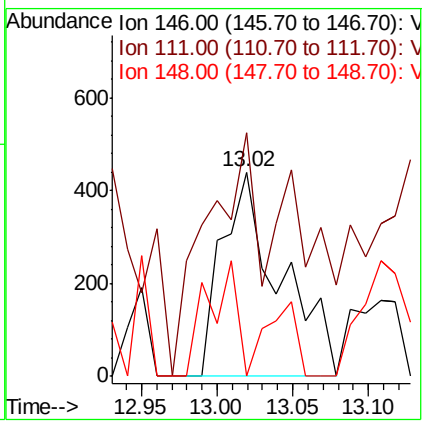


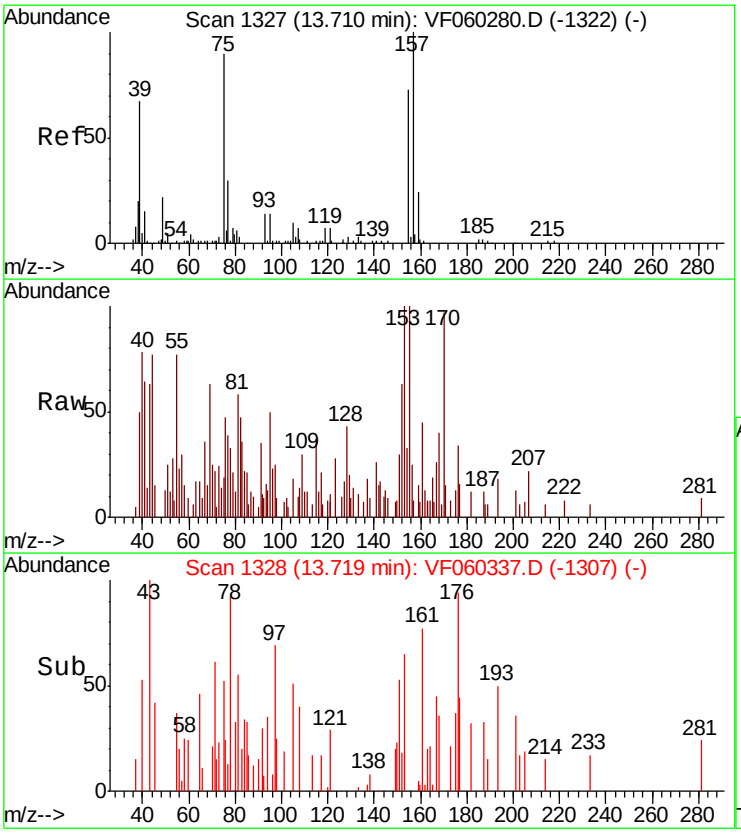
#91
1,2-Dichlorobenzene
Concen: 9.671 ug/l
RT: 13.02 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-B

Tgt Ion:146 Resp: 1174

Ion	Ratio	Lower	Upper
146	100		
111	119.1	20.9	62.8#
148	0.0	31.9	95.9#

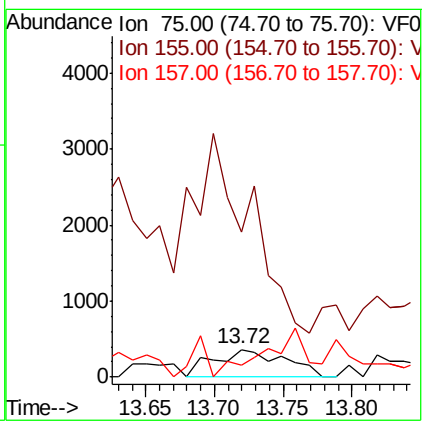


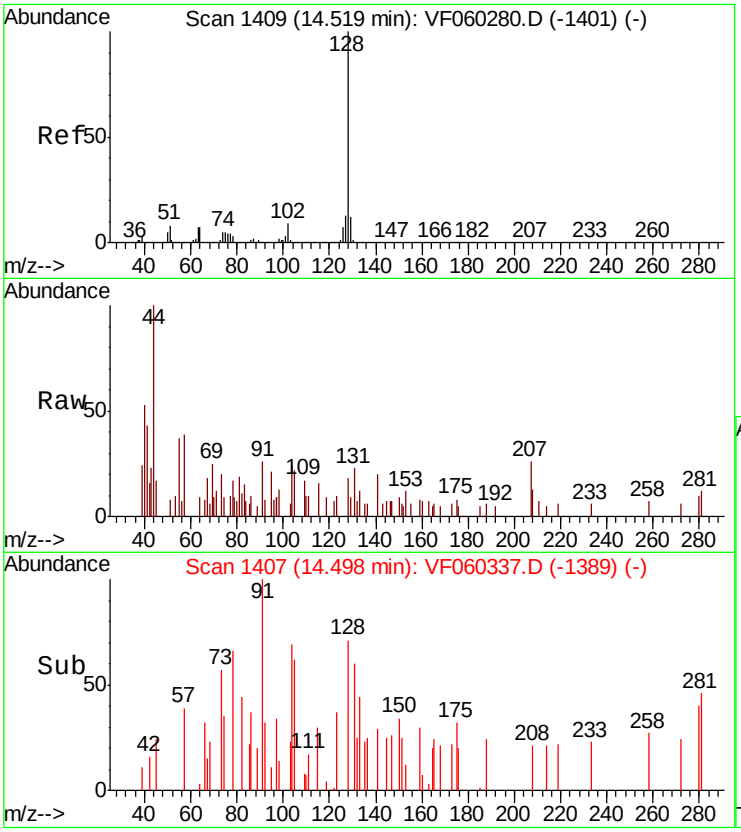


#92
1,2-Dibromo-3-Chloropropane
Concen: 123.163 ug/l
RT: 13.72 min Scan# 1328
Delta R.T. 0.01 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion: 75 Resp: 1295

Ion	Ratio	Lower	Upper
75	100		
155	527.7	41.9	125.7#
157	41.6	57.4	172.0#



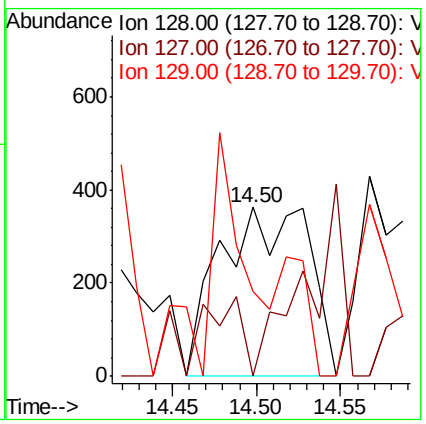


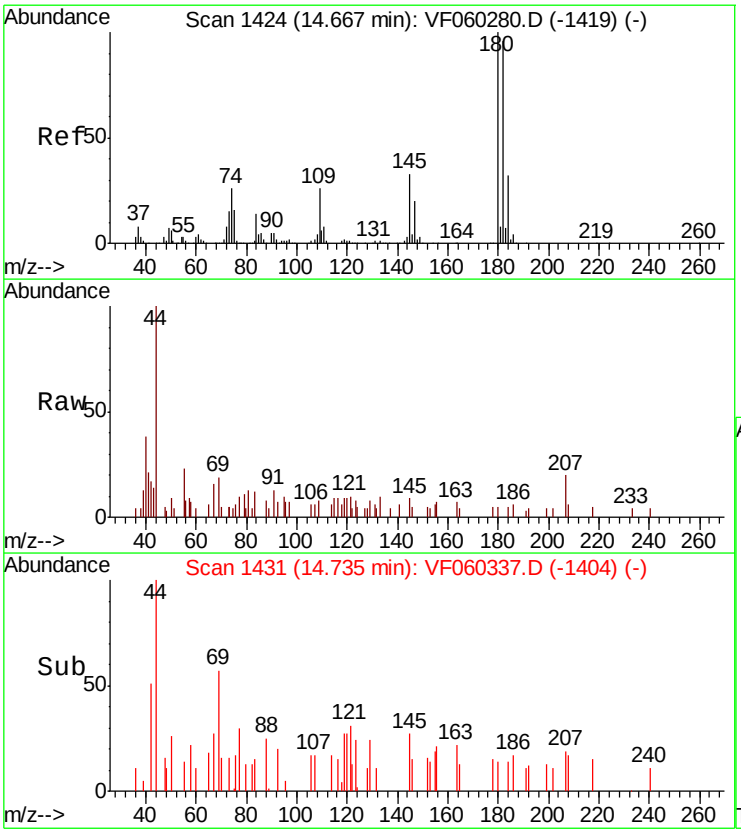
#95
Naphthalene
Concen: 8.591 ug/l
RT: 14.50 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Instrument : MSVOA_F
ClientSampleId : SLUDGE-B

Tgt Ion:128 Resp: 1329

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	50.1	9.8	14.8#





#96
1,2,3-Trichlorobenzene
Concen: 1.018 ug/l
RT: 14.73 min Scan# 1431
Delta R.T. 0.07 min
Lab File: VF060337.D
Acq: 25 Sep 2018 20:59

Tgt Ion:180 Resp: 83

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.4#
145	189.3	16.4	49.1#