Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EFF-SLUDGE

Quant Time: Jun 03 16:57:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	323130	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.69	114	517135	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	436130	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163058	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	161590	57.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.18%				
35) Dibromofluoromethane	7.72	113	165987	54.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.54%				
50) Toluene-d8	10.18	98	588606	48.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.06%				
62) 4-Bromofluorobenzene	12.48	95	172526	41.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.40%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.97	59	1799	Below Cal		#	89
16) Acetone	3.96	43	20796	31.61	ug/l		100
18) Methyl Acetate	4.50	43	982	Below Cal		#	71
20) Methylene Chloride	4.72	84	26770	8.33	ug/l		97
25) 2-Butanone	7.00	43	5974	5.83	ug/l		98
31) Cyclohexane	7.79	56	5128	1.08	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	20246	4.65	ug/l	#	48
37) Ethyl Acetate	7.00	43	5974	2.52	ug/l	#	68
38) Carbon Tetrachloride	7.80	117	29221	6.04	ug/l	#	15
43) Isopropyl Acetate	8.33	43	7621	1.70	ug/l	#	50
65) Chlorobenzene	11.52	112	325033	37.71	ug/l		98
76) 1,2,3-Trichloropropane	12.48	75	80400	54.72	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80400	103.10	ug/l	#	17
87) 1,3-Dichlorobenzene	13.37	146	28941	5.62	ug/l		94
88) 1,4-Dichlorobenzene	13.45	146	100836	19.56	ug/l		98
91) 1,2-Dichlorobenzene	13.74	146	64892	13.88	ug/l		98

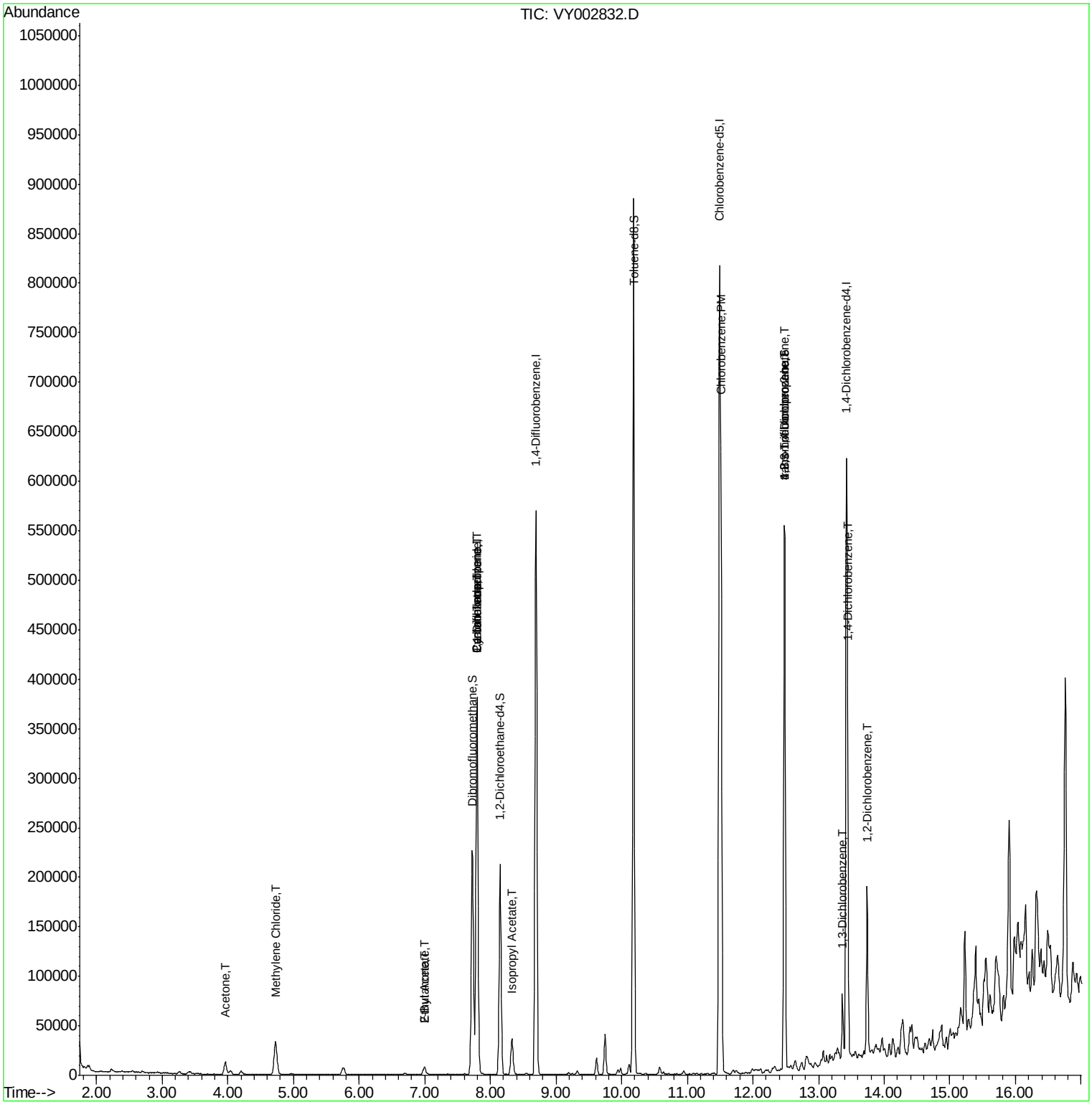
(#) = qualifier out of range (m) = manual integration (+) = signals summed

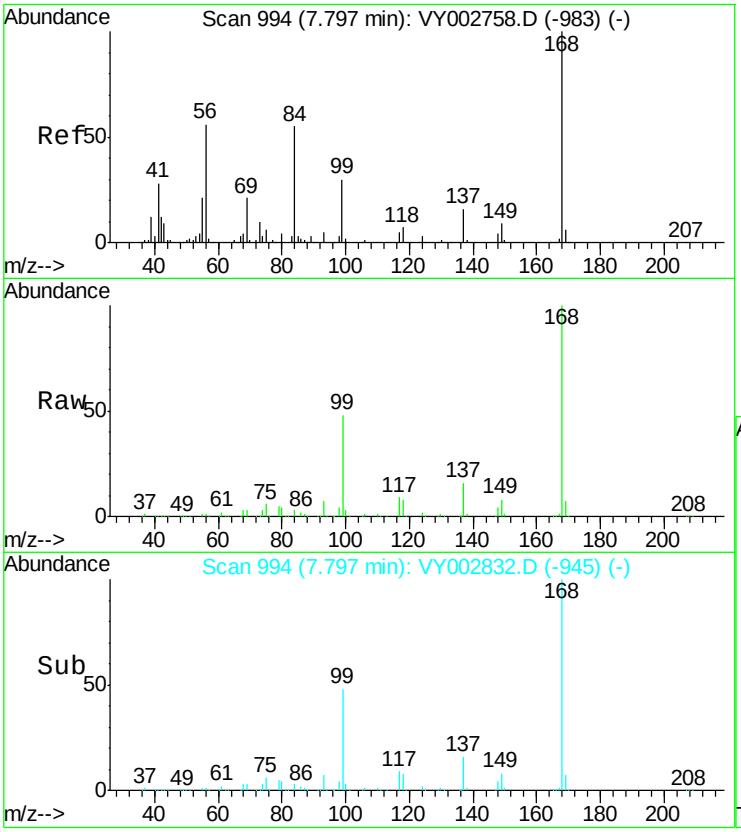
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EFF-SLUDGE

Quant Time: Jun 03 16:57:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration



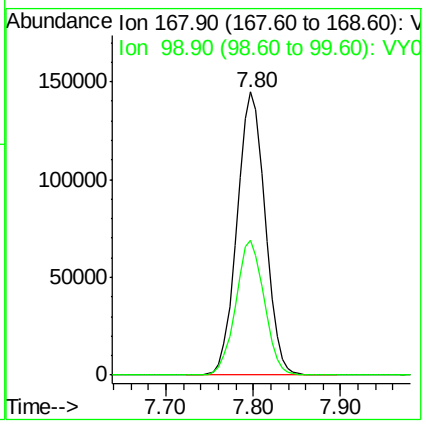


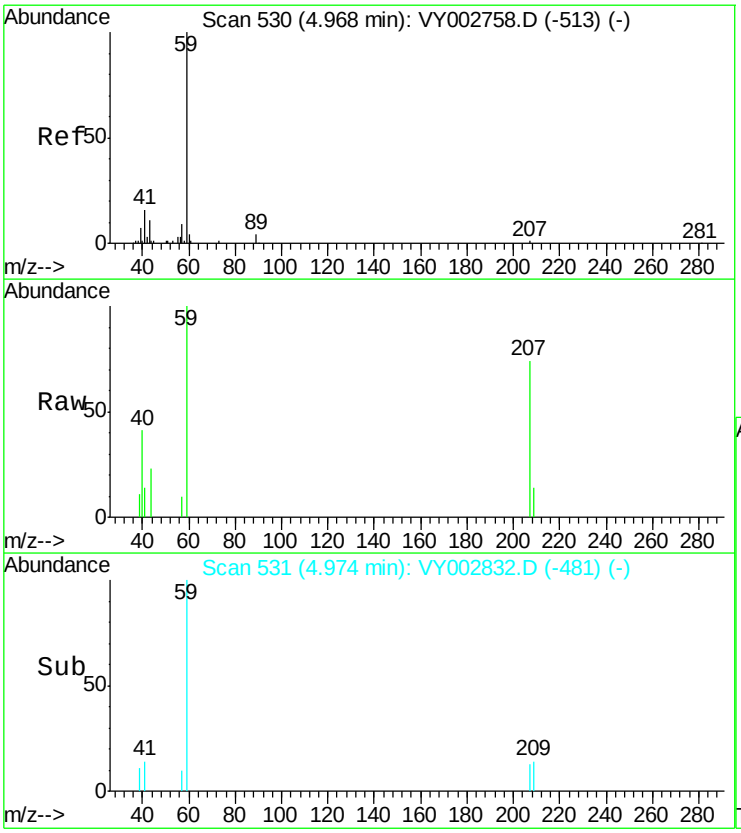
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion:168 Resp: 323130

Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.0	58.4

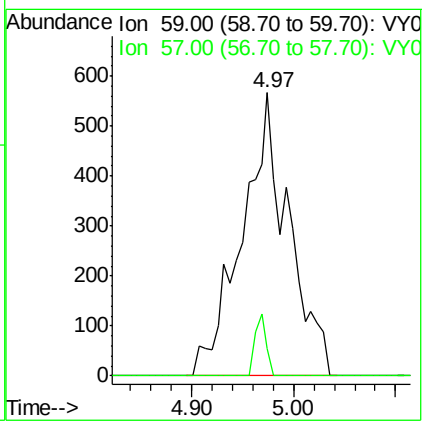


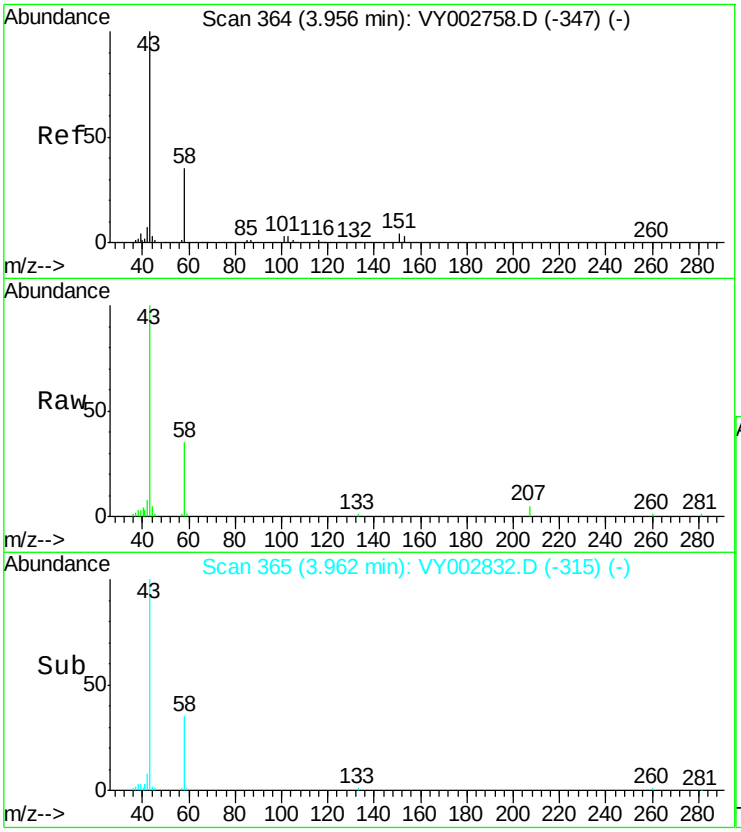


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 59 Resp: 1799

Ion	Ratio	Lower	Upper
59	100		
57	5.4	7.7	11.5#



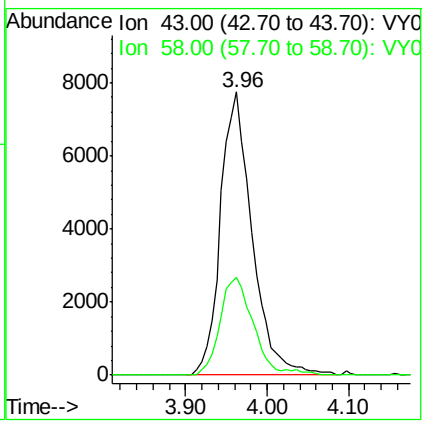


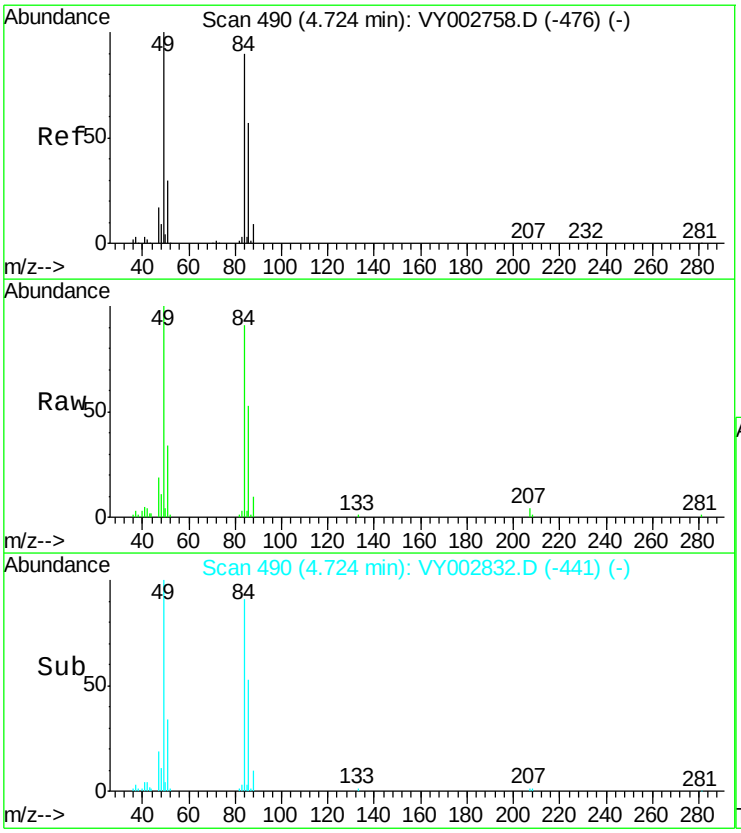
#16
Acetone
Concen: 31.61 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument : MSVOA_Y
ClientSampleId : EFF-SLUDGE

Tgt Ion: 43 Resp: 20796

Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.7	41.5

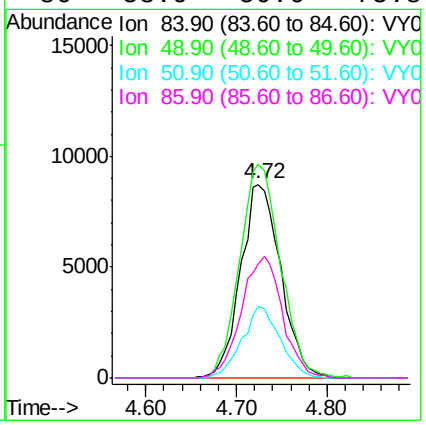


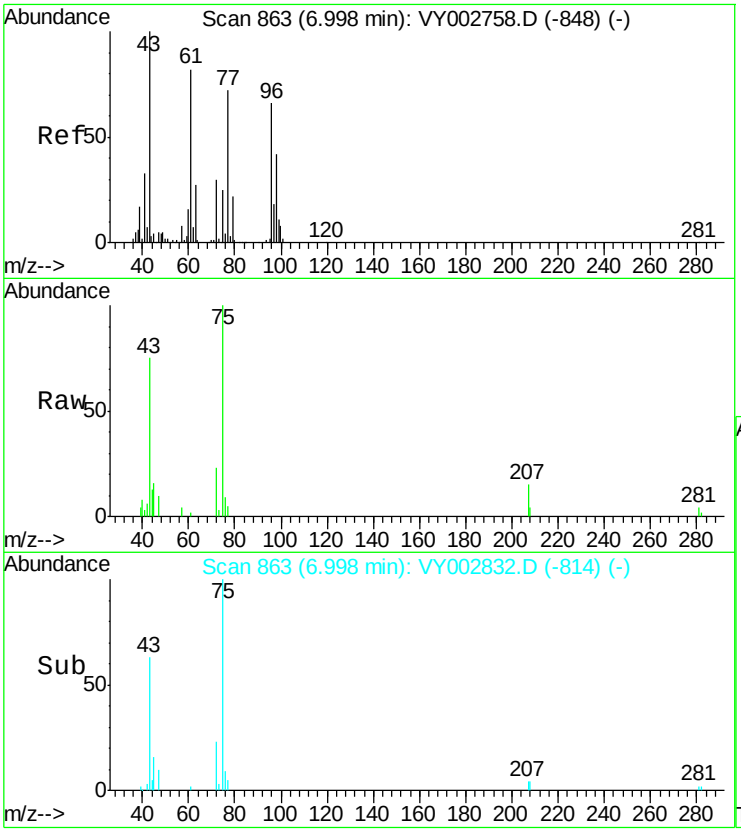


#20
Methylene Chloride
Concen: 8.33 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 84 Resp: 26770

Ion	Ratio	Lower	Upper
84	100		
49	110.3	88.5	132.7
51	37.2	26.8	40.2
86	58.9	50.6	75.8



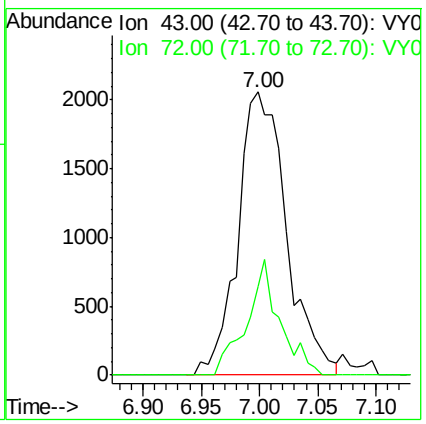


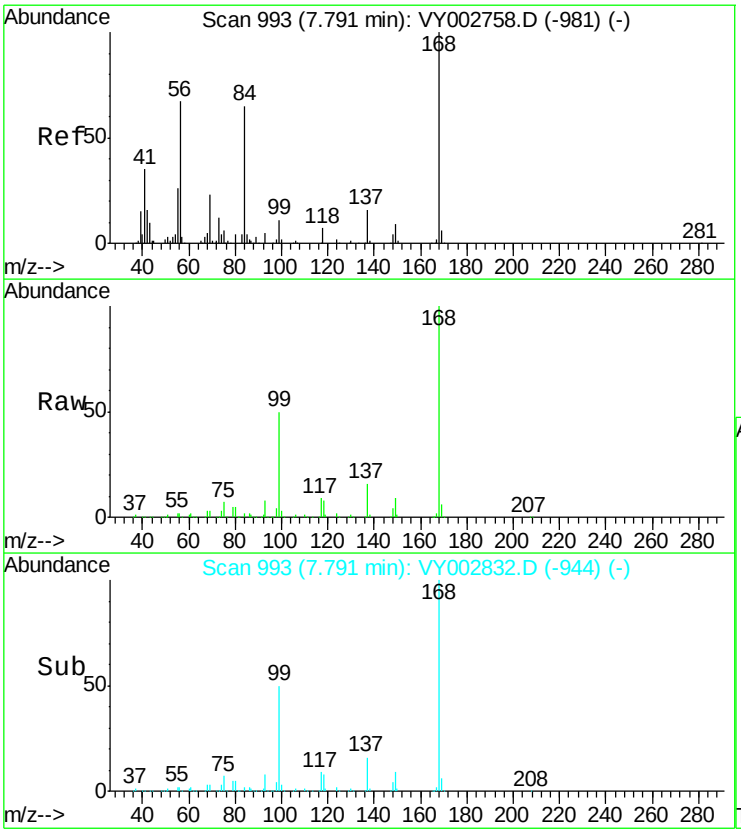
#25
2-Butanone
Concen: 5.83 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion: 43 Resp: 5974

Ion	Ratio	Lower	Upper
43	100		
72	31.2	23.9	35.9

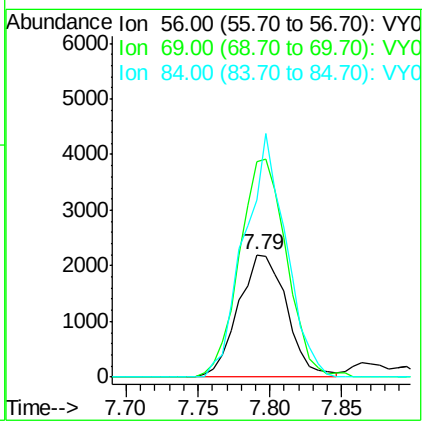


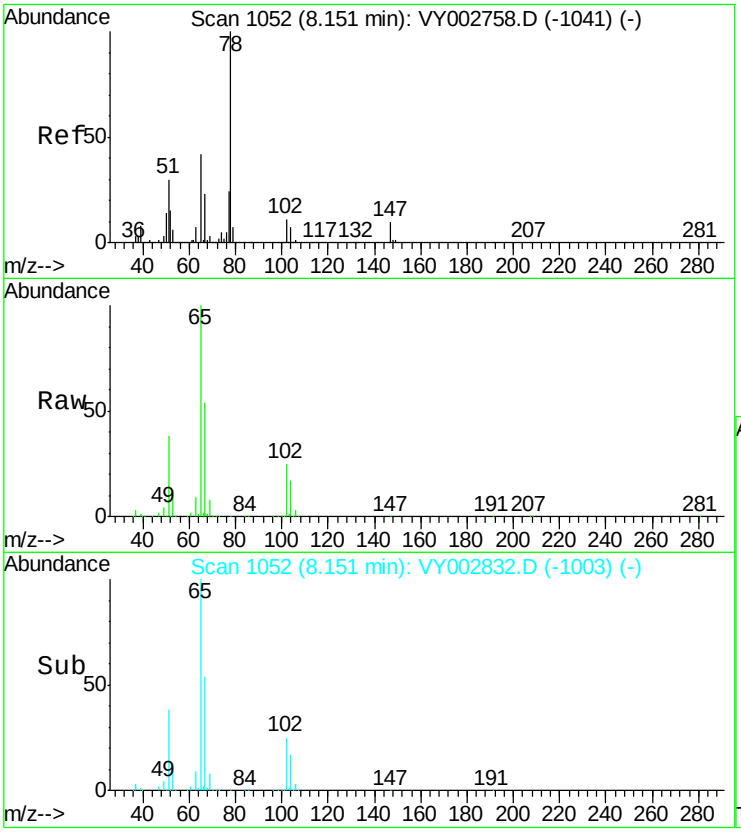


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 56 Resp: 5128

Ion	Ratio	Lower	Upper
56	100		
69	176.1	28.0	42.0#
84	144.5	77.7	116.5#



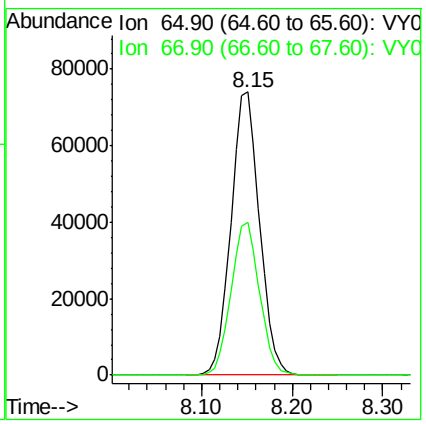


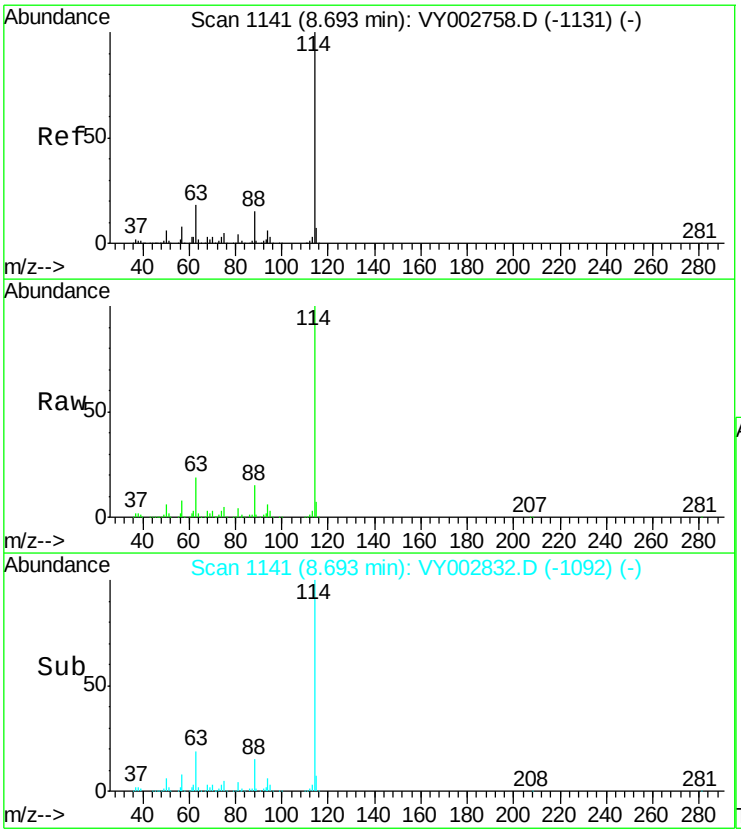
#33
1,2-Dichloroethane-d4
Concen: 57.59 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion: 65 Resp: 161590

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.0

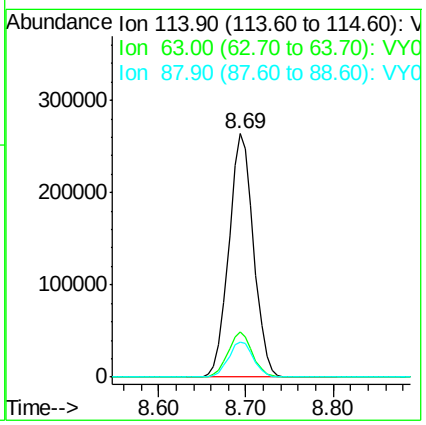


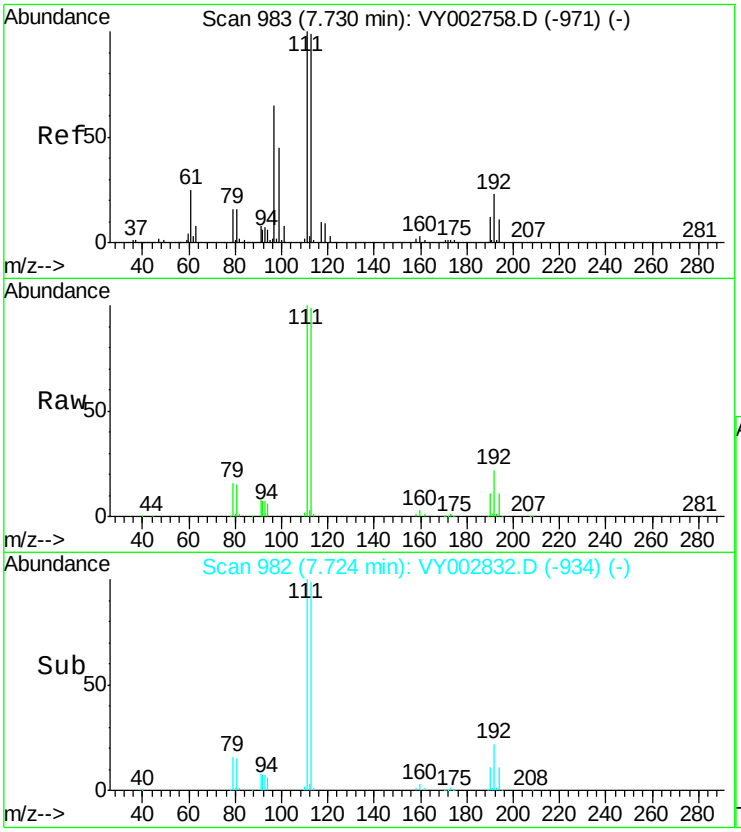


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion:114 Resp: 517135

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.2
88	14.5	0.0	29.2



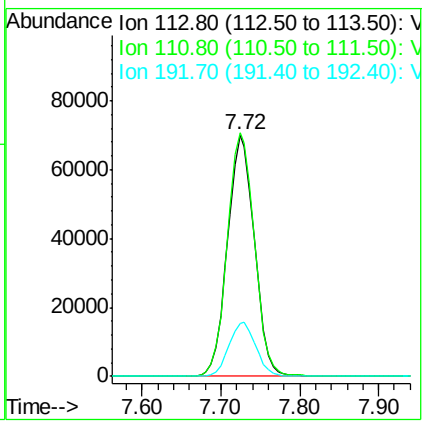


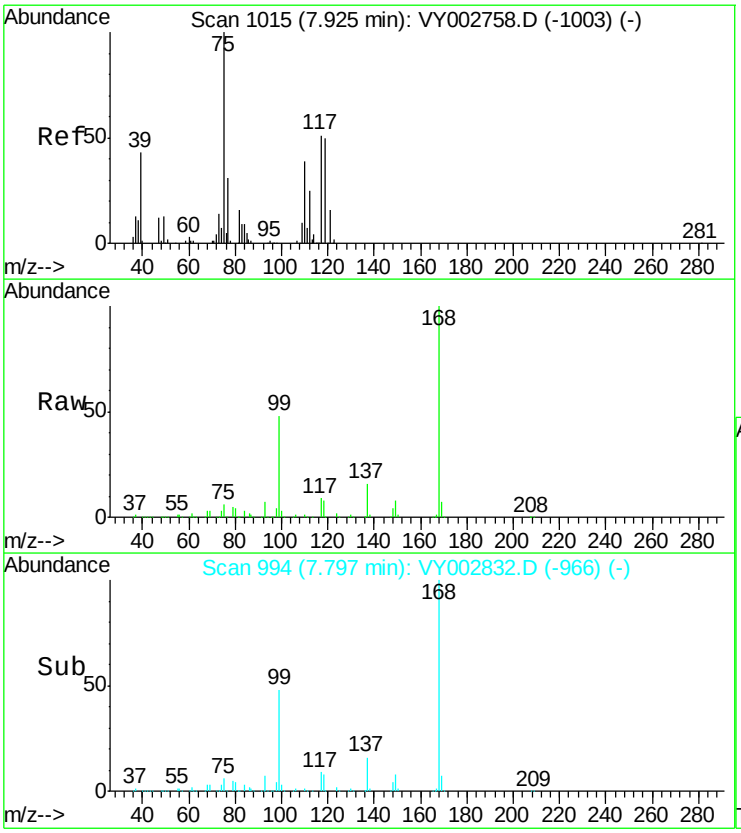
#35
Dibromofluoromethane
Concen: 54.77 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion:113 Resp: 165987

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	22.3	18.9	28.3

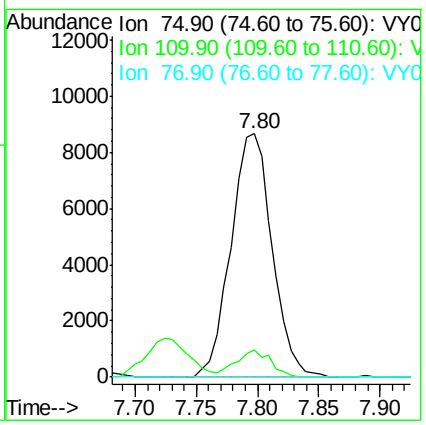


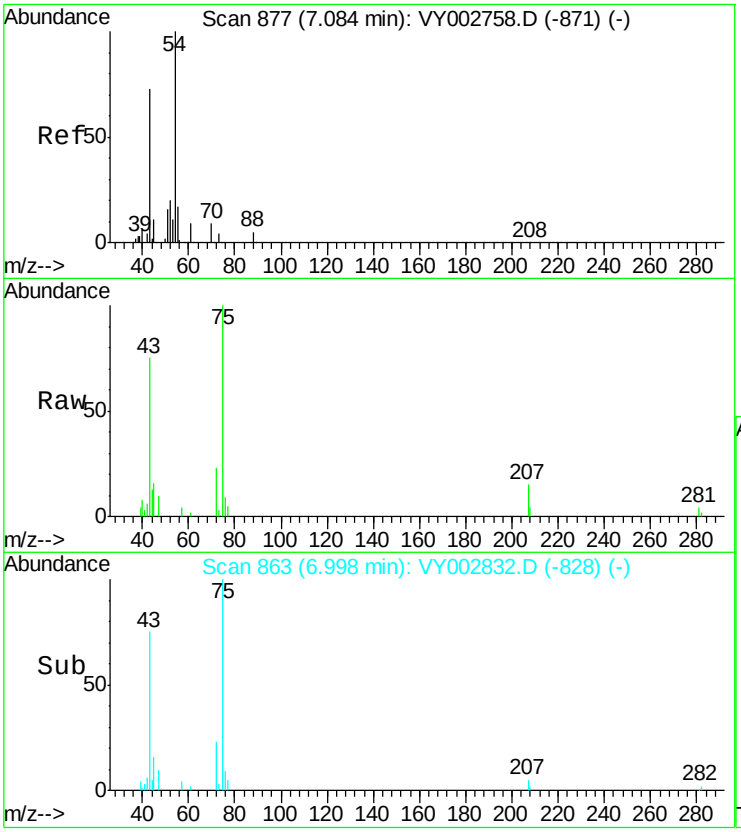


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 75 Resp: 20246

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.3	57.9#
77	0.0	24.8	37.2#



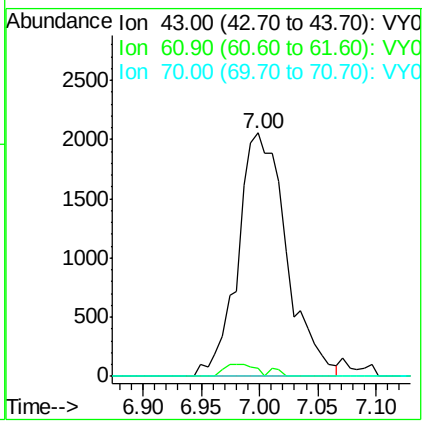


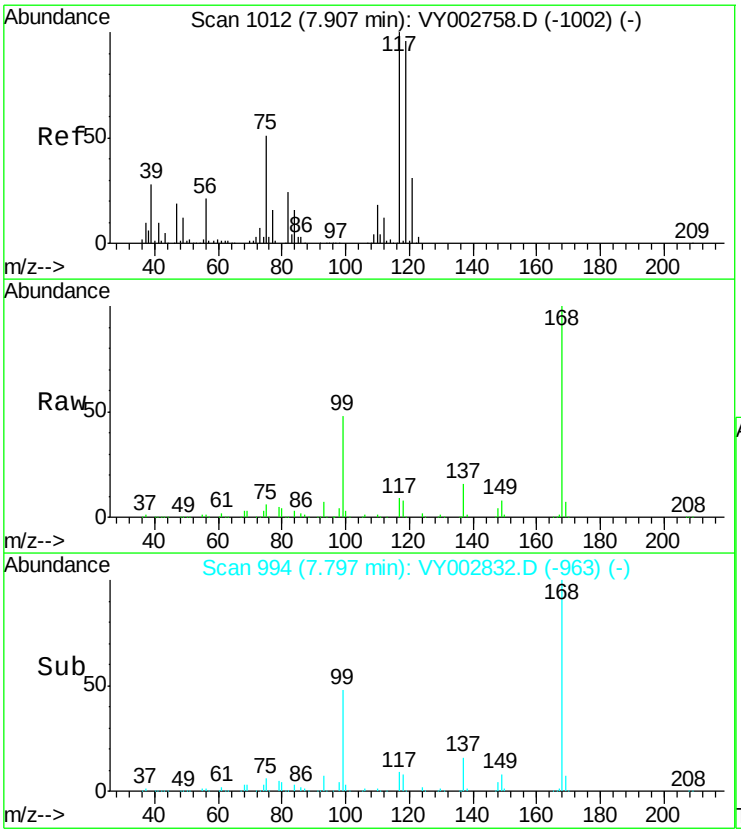
#37
Ethyl Acetate
Concen: 2.52 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.09 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument : MSVOA_Y
ClientSampleId : EFF-SLUDGE

Tgt Ion: 43 Resp: 5974

Ion	Ratio	Lower	Upper
43	100		
61	0.7	11.9	17.9#
70	0.0	9.1	13.7#

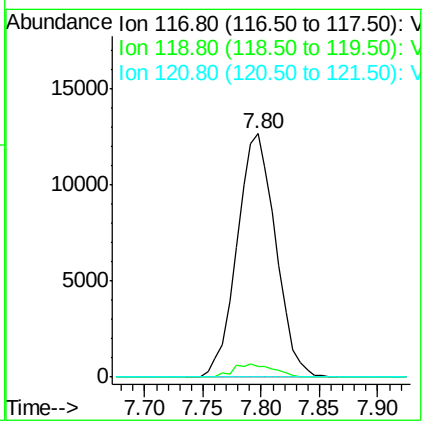


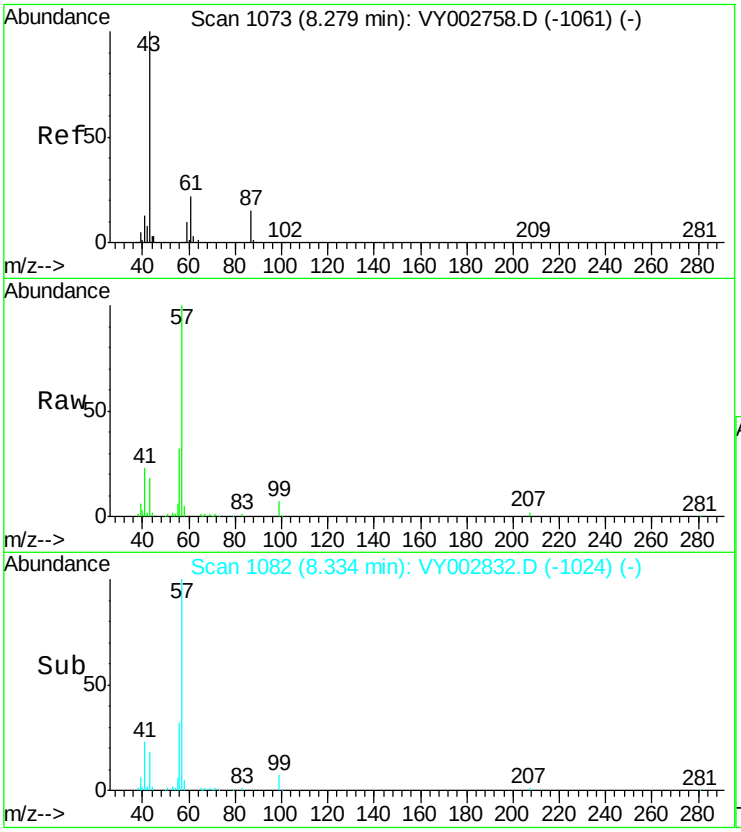


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion:117 Resp: 29221

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.8	115.2#
121	0.0	24.8	37.2#



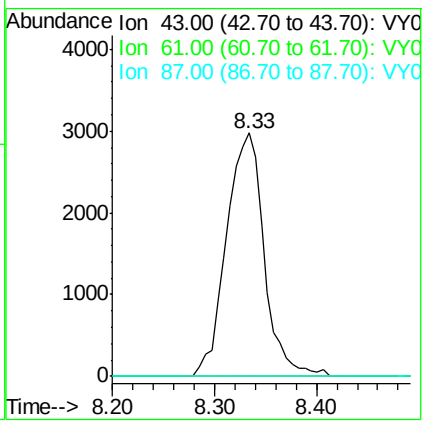


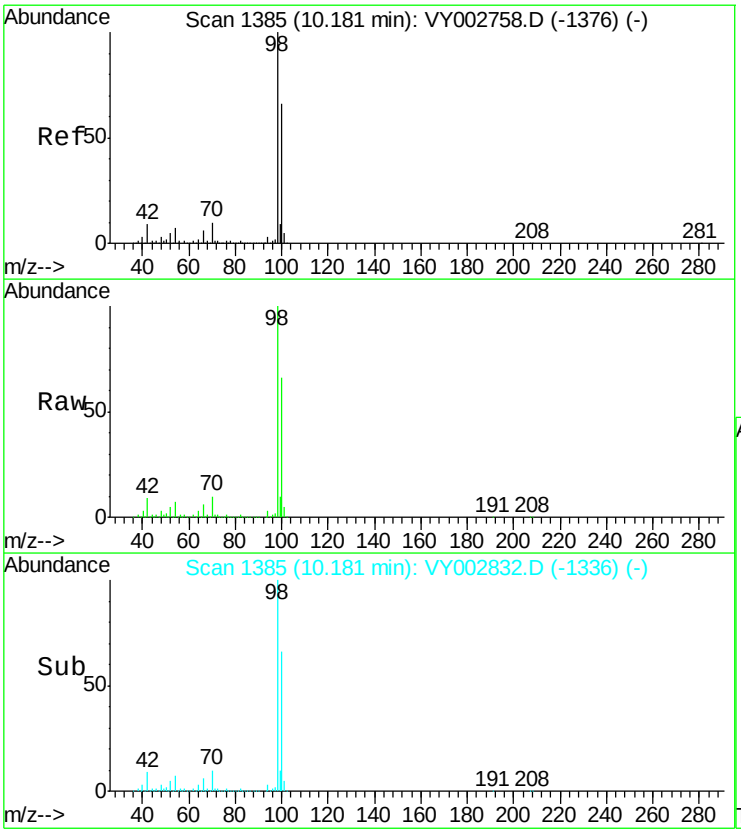
#43
Isopropyl Acetate
Concen: 1.70 ug/l
RT: 8.33 min Scan# 1082
Delta R.T. 0.05 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument : MSVOA_Y
ClientSampleId : EFF-SLUDGE

Tgt Ion: 43 Resp: 7621

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.8	37.2#
87	0.0	12.4	18.6#

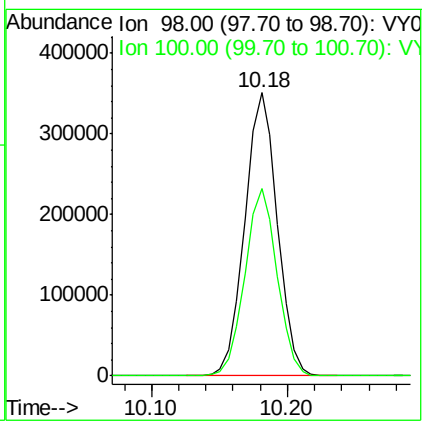


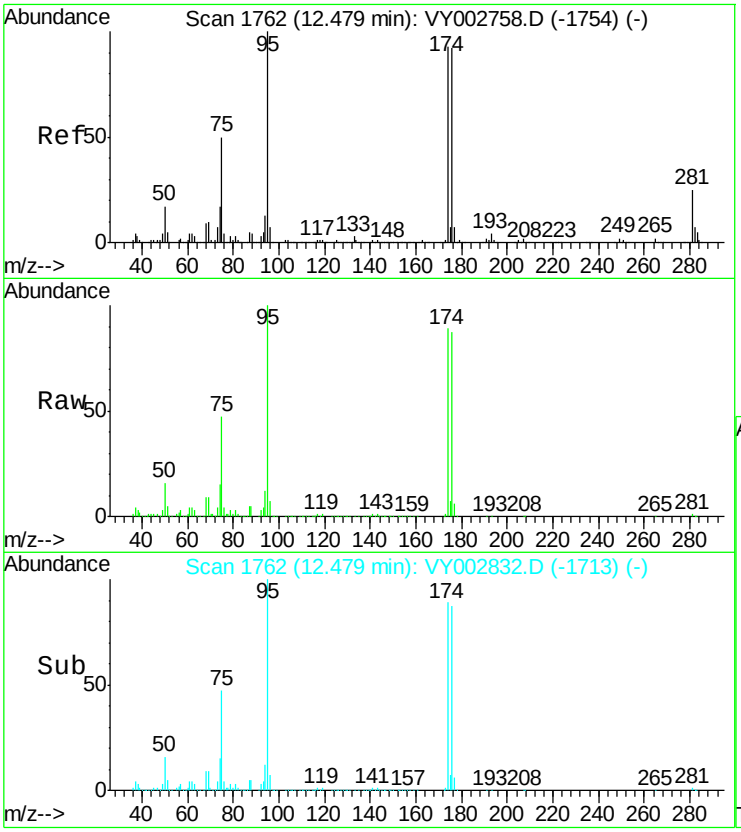


#50
Toluene-d8
Concen: 48.03 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 98 Resp: 588606

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2



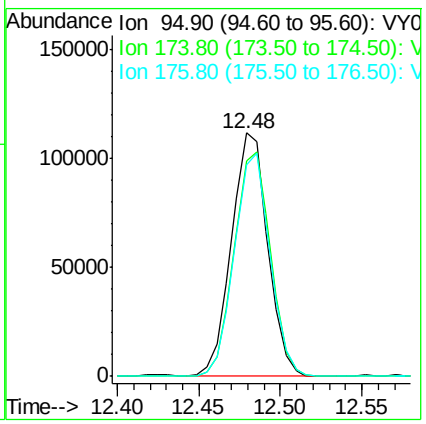


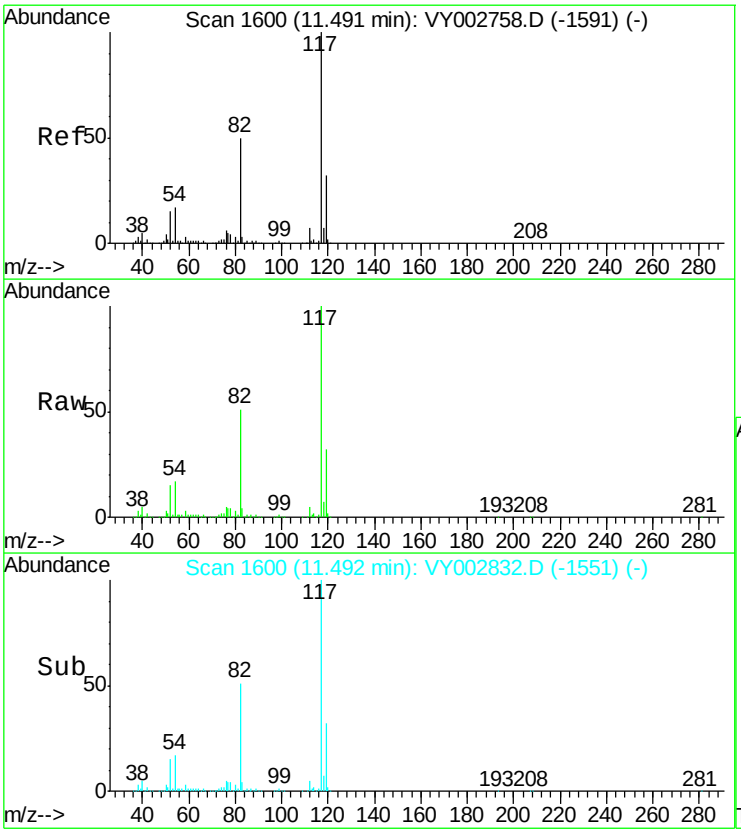
#62
4-Bromofluorobenzene
Concen: 41.20 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion: 95 Resp: 172526

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	191.2
176	90.5	0.0	188.8

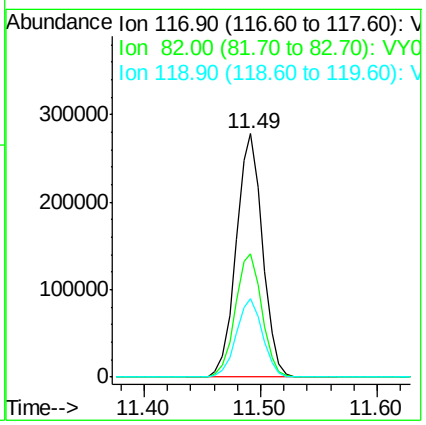


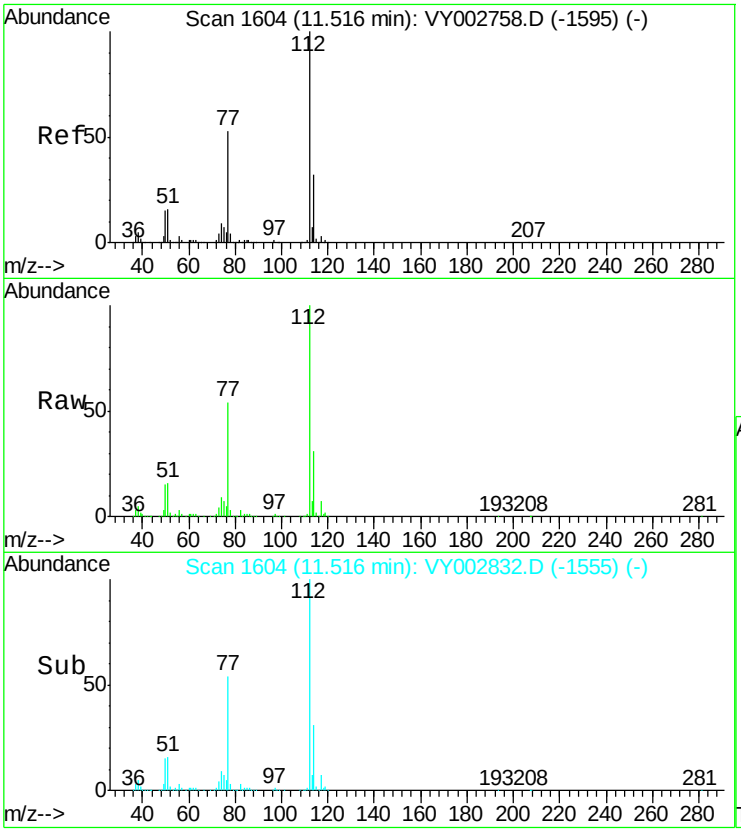


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion:117 Resp: 436130

Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	32.2	25.8	38.8



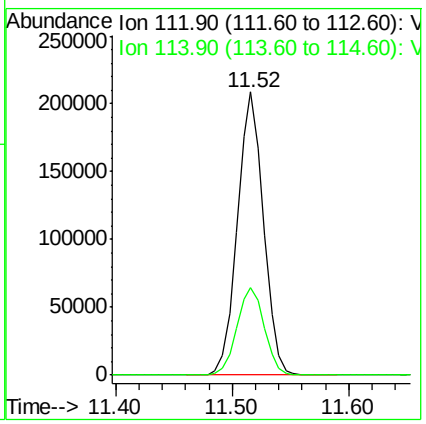


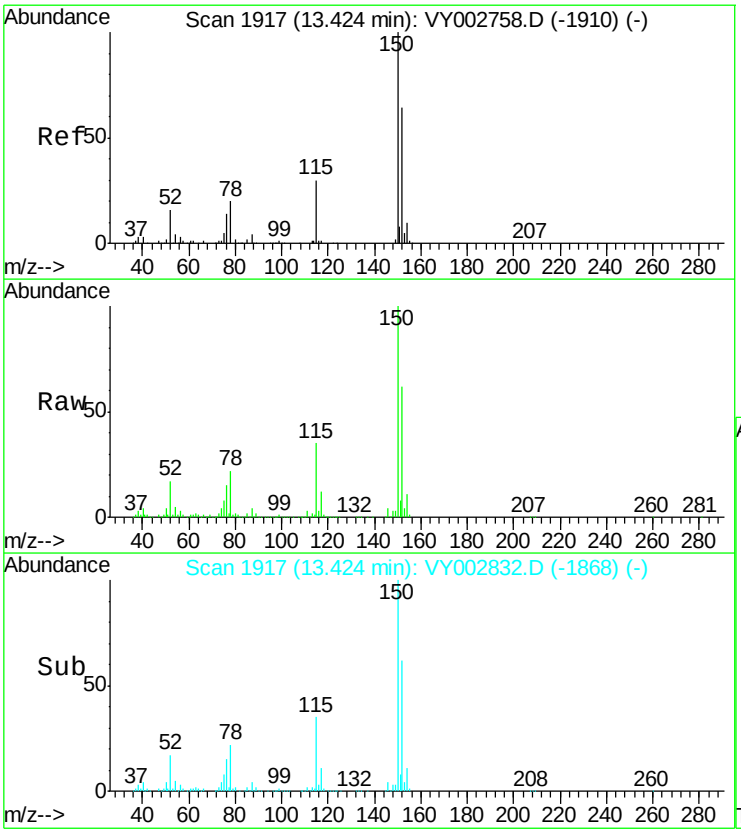
#65
Chlorobenzene
Concen: 37.71 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion:112 Resp: 325033

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.7	38.5

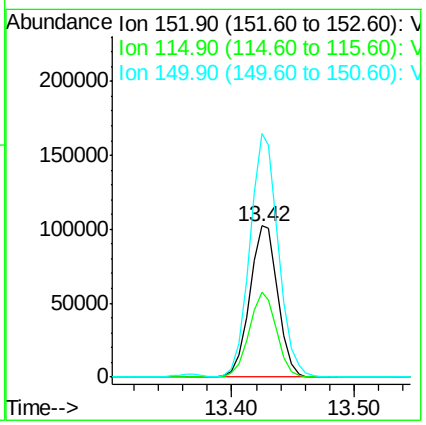


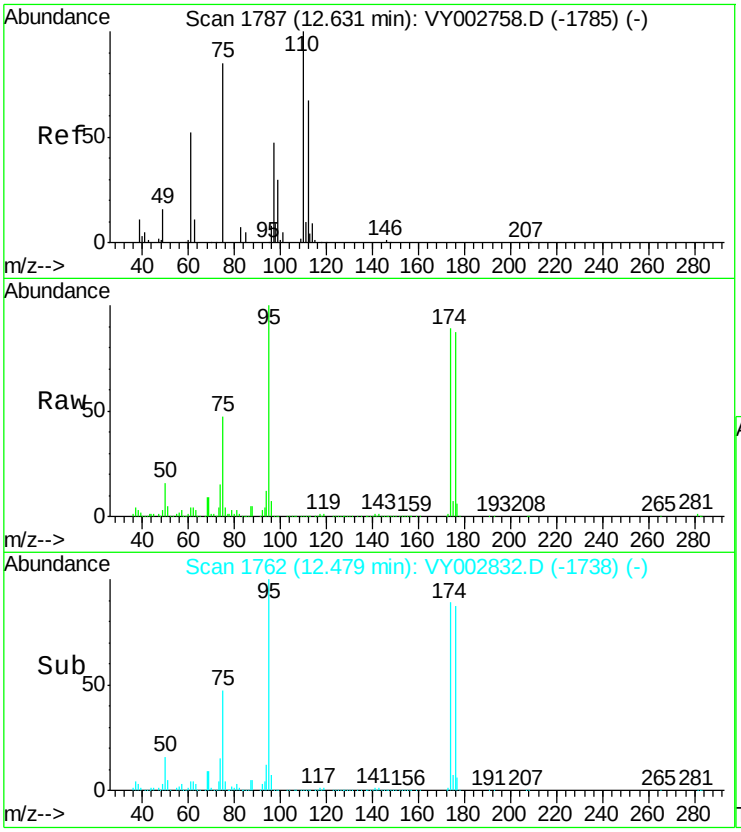


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion:152 Resp: 163058

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.0	81.0
150	163.2	0.0	344.8



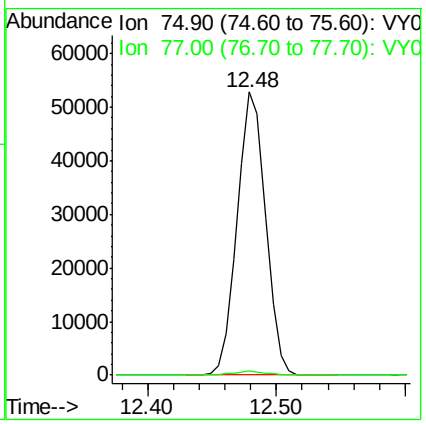


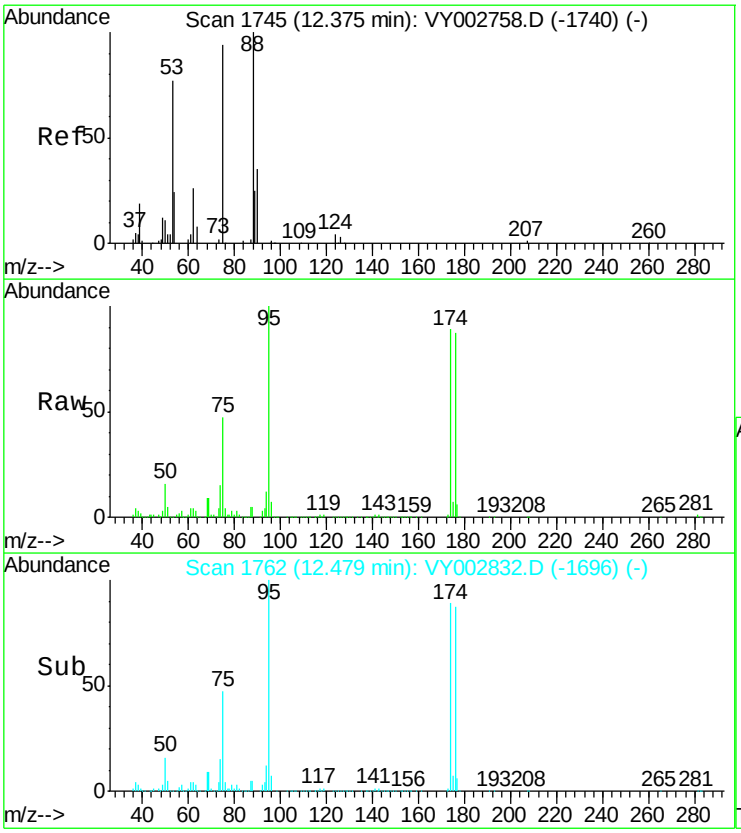
#76
1,2,3-Trichloropropane
Concen: 54.72 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion: 75 Resp: 80400

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

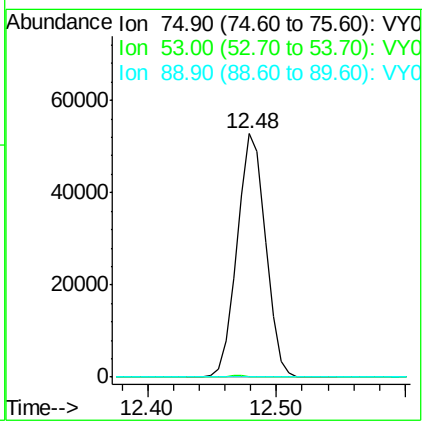


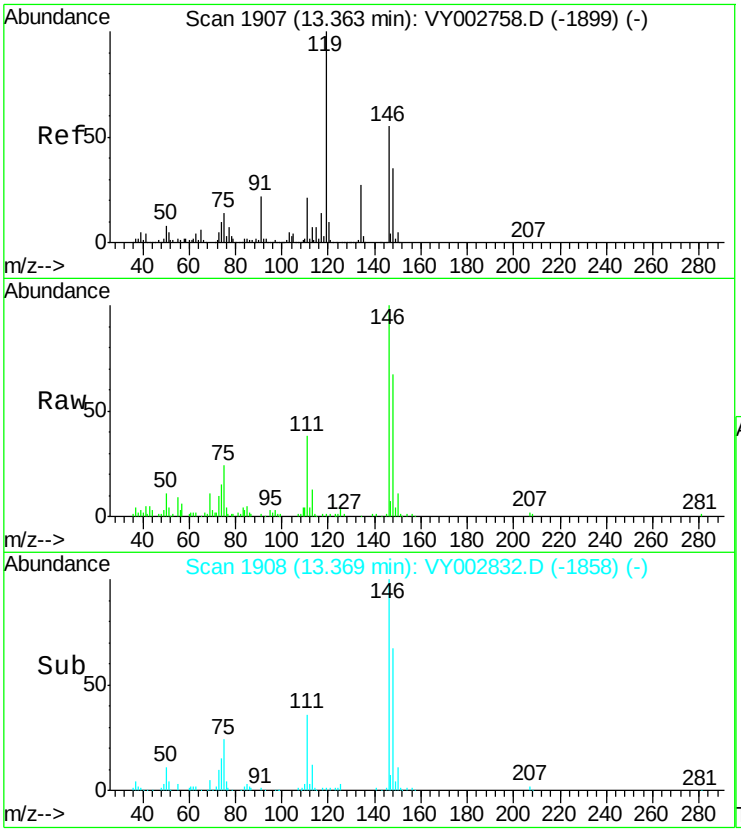


#81
trans-1,4-Dichloro-2-butene
Concen: 103.10 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion: 75 Resp: 80400

Ion	Ratio	Lower	Upper
75	100		
53	0.7	64.0	96.0#
89	0.0	37.4	56.2#



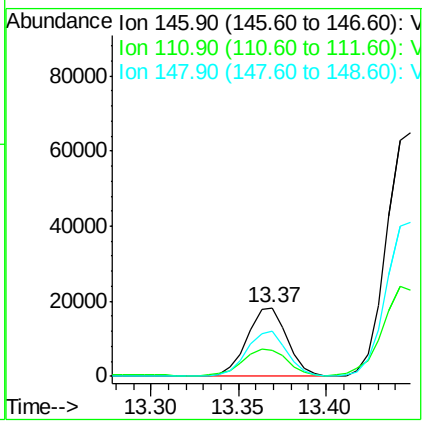


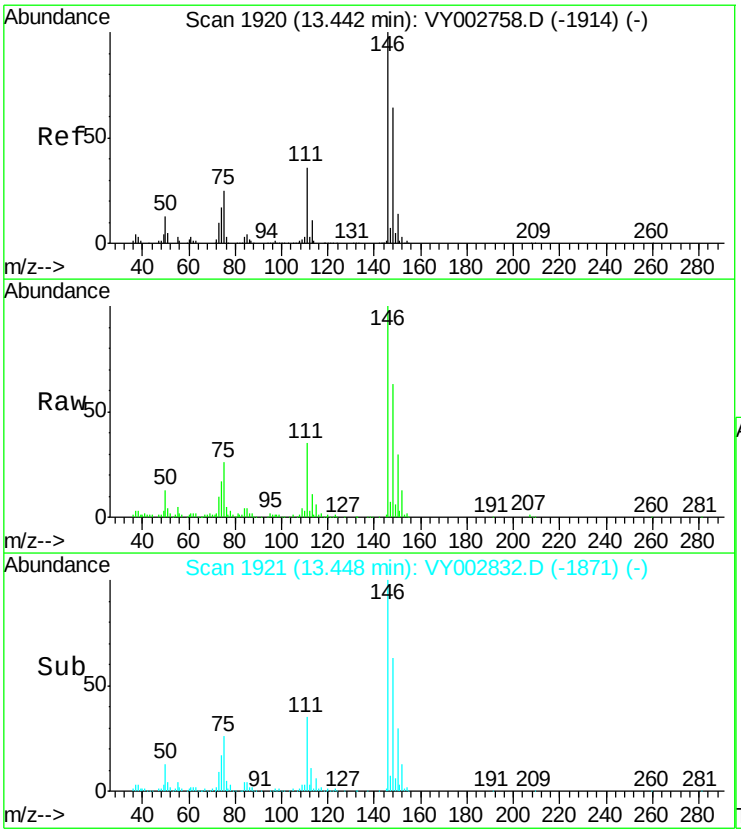
#87
1,3-Dichlorobenzene
Concen: 5.62 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion:146 Resp: 28941

Ion	Ratio	Lower	Upper
146	100		
111	42.9	18.4	55.0
148	66.1	31.9	95.7

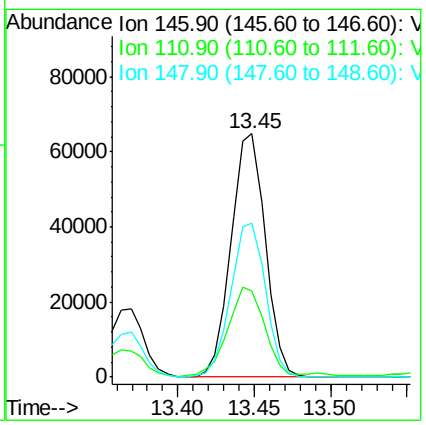


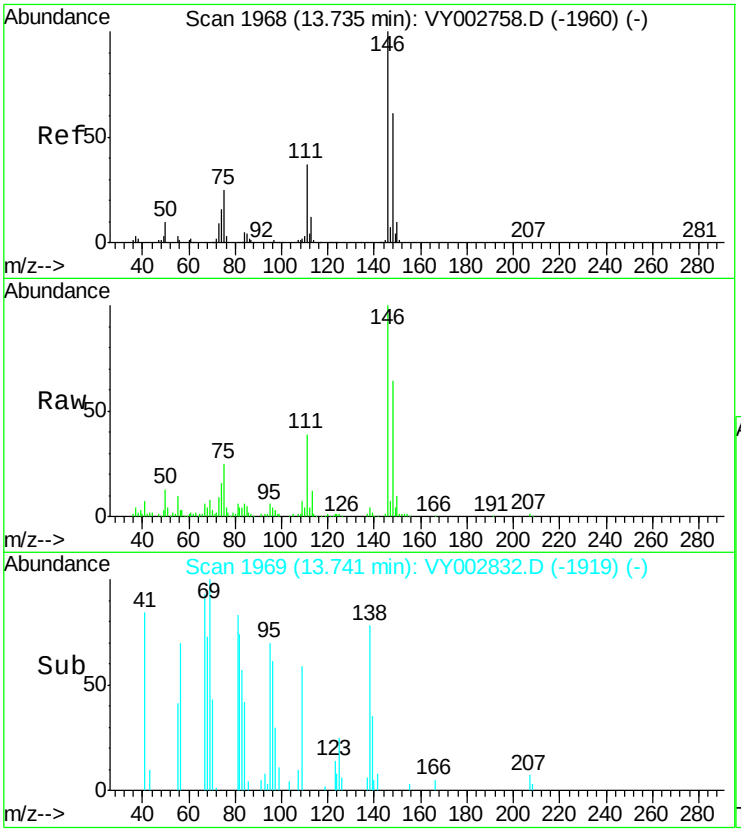


#88
1,4-Dichlorobenzene
Concen: 19.56 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Tgt Ion:146 Resp: 100836

Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.1	54.3
148	64.2	32.1	96.3





#91
1,2-Dichlorobenzene
Concen: 13.88 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. 0.01 min
Lab File: VY002832.D
Acq: 03 Jun 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Tgt Ion:146 Resp: 64892

Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.9	56.9
148	64.4	31.9	95.5