Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102918\
Data File : VD060232.D
Acq On : 29 Oct 2018 16:41
Operator : VA/AP
Sample : J5703-02
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TRENCH-02-BASE

Quant Time: Oct 29 17:07:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1396361	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	2109257	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1515109	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	473789	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	732181	69.17	ug/l	0.04
Spiked Amount 50.000			Recovery = 138.34%			
35) Dibromofluoromethane	6.34	113	904343	56.46	ug/l	0.05
Spiked Amount 50.000			Recovery = 112.92%			
50) Toluene-d8	9.47	98	2175148	47.62	ug/l	0.04
Spiked Amount 50.000			Recovery = 95.24%			
62) 4-Bromofluorobenzene	12.49	95	95674	5.59	ug/l	0.08
Spiked Amount 50.000			Recovery = 11.18%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.98	59	3285	4.327	ug/l #	74
16) Acetone	3.18	43	24306	12.655	ug/l	94
18) Methyl Acetate	3.56	43	4281	1.037	ug/l #	63
25) 2-Butanone	5.66	43	9628	2.007	ug/l #	59
29) Tetrahydrofuran	5.96	42	3319	1.191	ug/l #	62
31) Cyclohexane	6.42	56	24998	1.090	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	93242	4.626	ug/l #	45
38) Carbon Tetrachloride	6.42	117	112145	6.130	ug/l #	15
59) 2-Hexanone	10.46	43	51976	6.511	ug/l #	35
74) N-amyl acetate	12.10	43	756656	66.089	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.59	83	550570	80.683	ug/l #	61
76) 1,2,3-Trichloropropane	12.44	75	263055	38.553	ug/l #	49
81) trans-1,4-Dichloro-2-buten	12.44	75	265362	138.410	ug/l #	23
82) 4-Chlorotoluene	12.76	91	27458	1.127	ug/l	84
84) 1,2,4-Trimethylbenzene	13.10	105	30594	1.200	ug/l	84
85) sec-Butylbenzene	13.23	105	41669	1.269	ug/l	98
86) p-Isopropyltoluene	13.30	119	394313	14.647	ug/l	92
89) n-Butylbenzene	13.64	91	338106	12.871	ug/l #	1
90) Hexachloroethane	13.84	117	85772	13.766	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.24	75	35117	38.542	ug/l #	1
95) Naphthalene	14.96	128	57067	3.409	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.10	180	13743	1.399	ug/l #	1

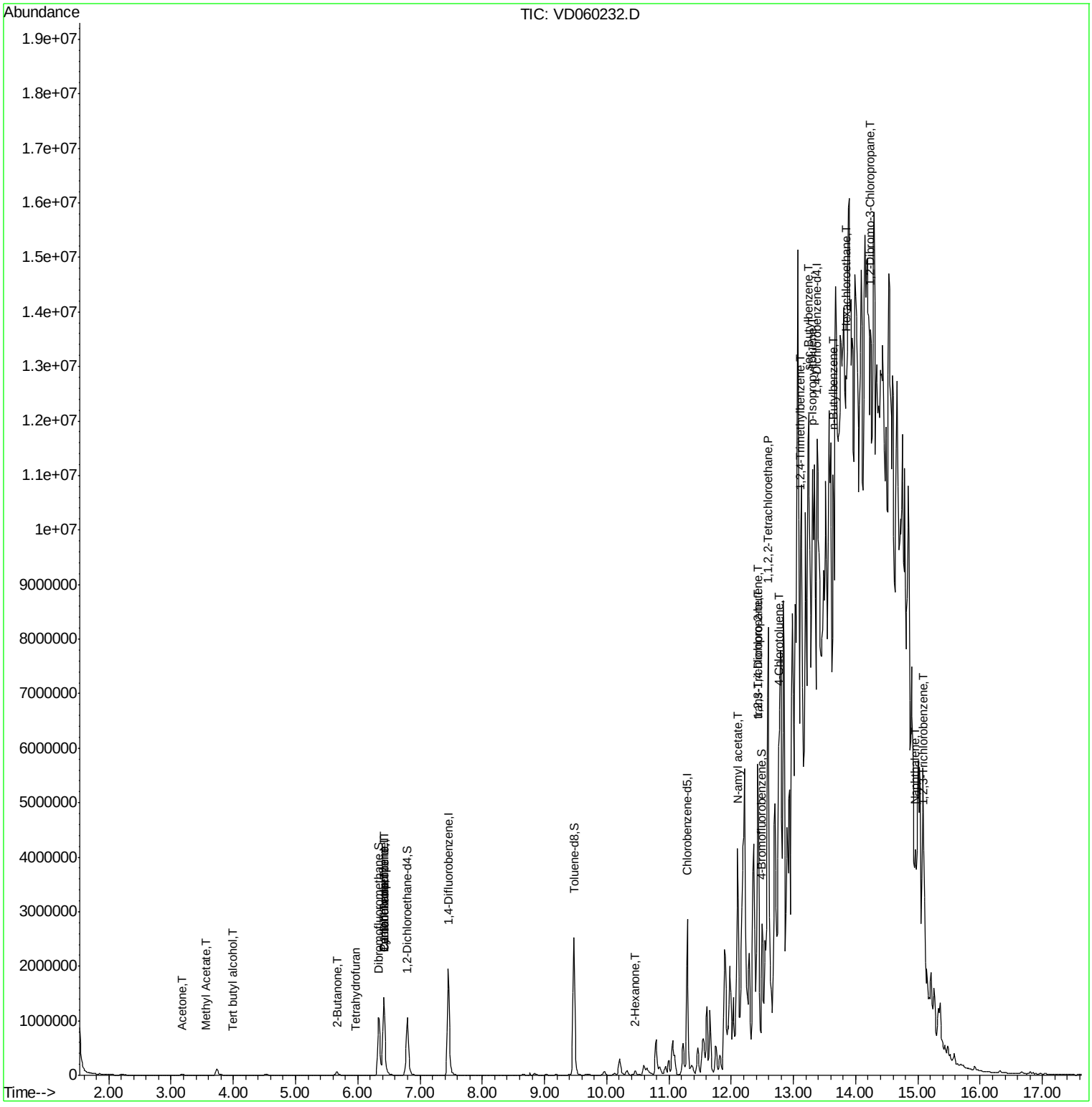
(#) = qualifier out of range (m) = manual integration (+) = signals summed

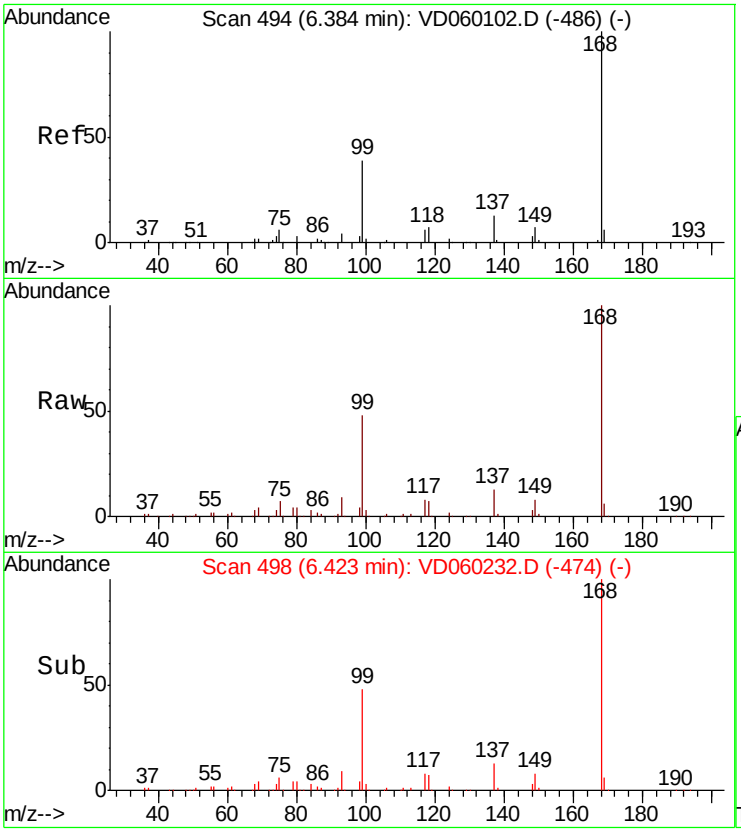
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102918\
Data File : VD060232.D
Acq On : 29 Oct 2018 16:41
Operator : VA/AP
Sample : J5703-02
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Quant Time: Oct 29 17:07:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration



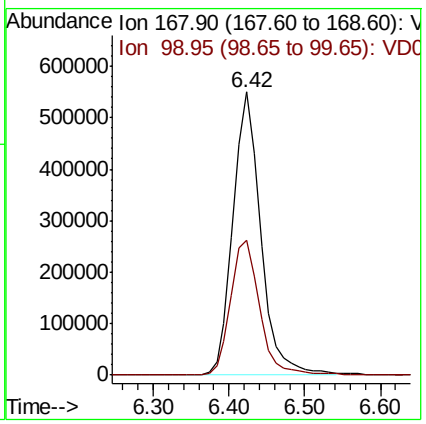


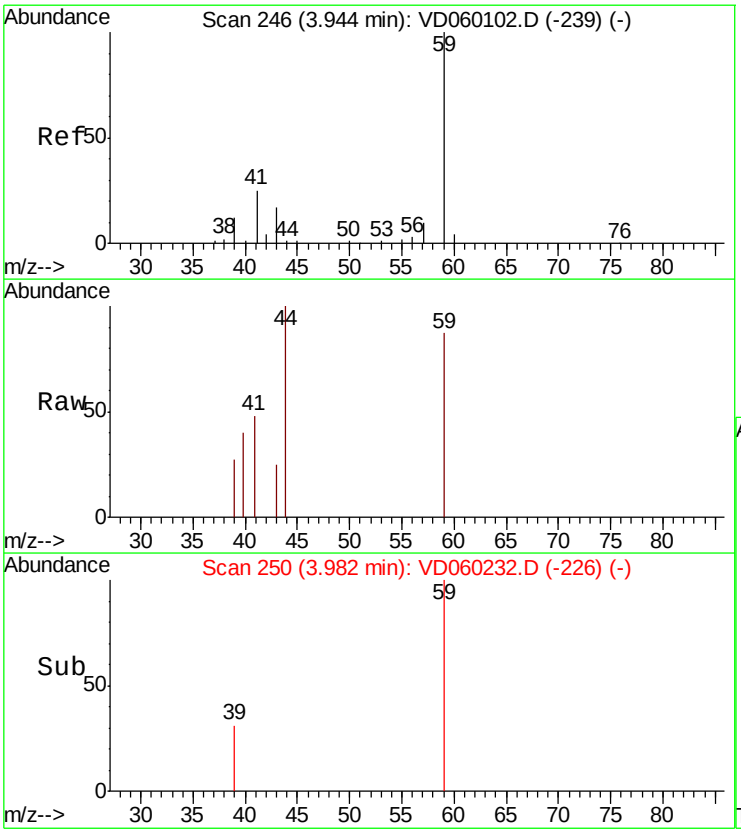
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 498
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:168 Resp: 1396361

Ion	Ratio	Lower	Upper
168	100		
99	47.5	35.4	53.0

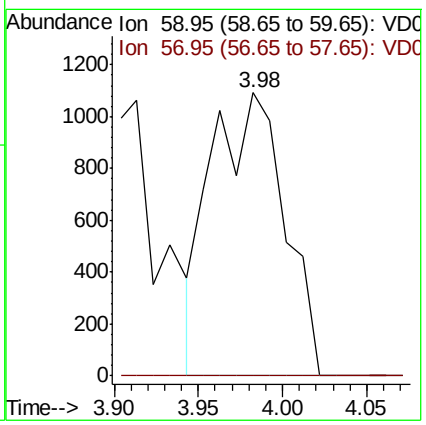


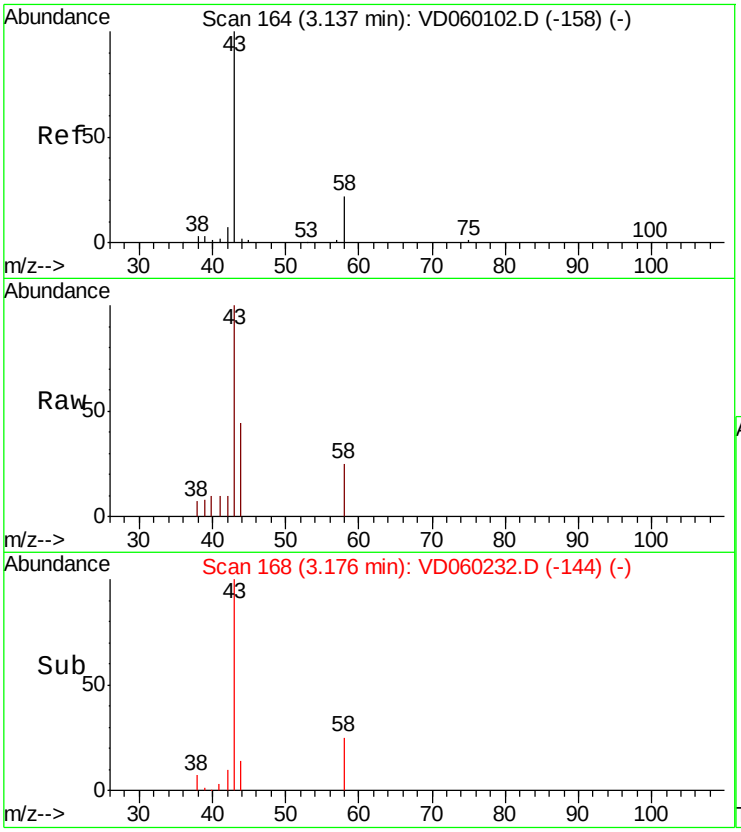


#11
Tert butyl alcohol
Concen: 4.327 ug/l
RT: 3.98 min Scan# 250
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 59 Resp: 3285

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



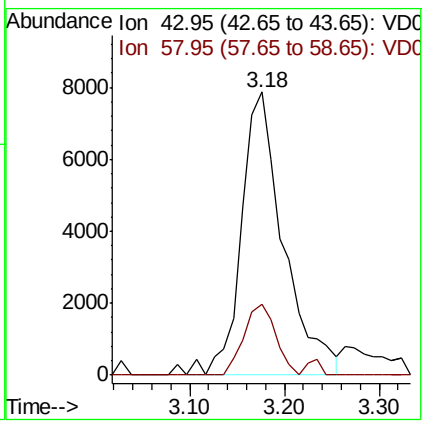


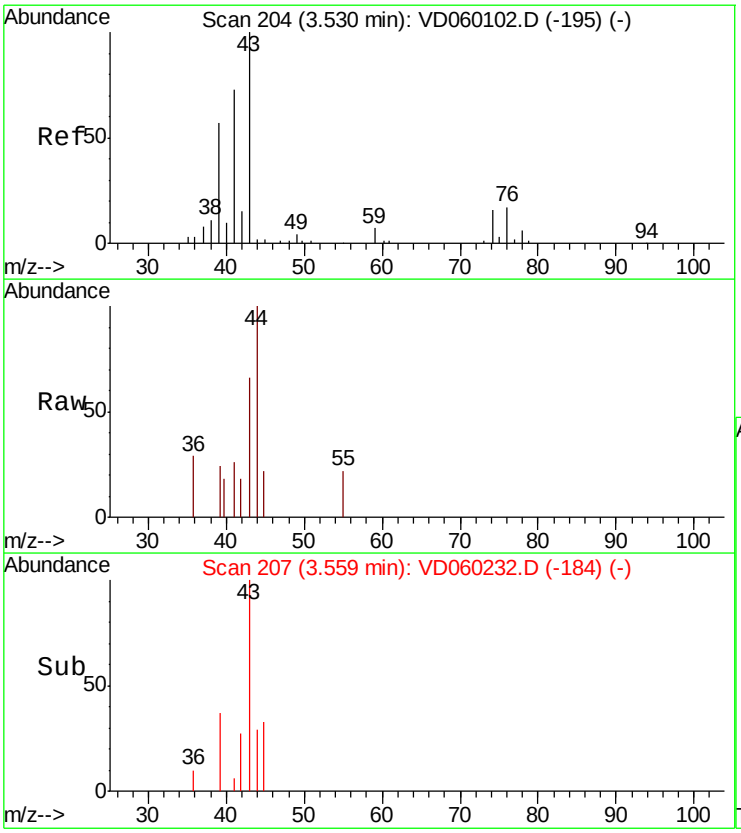
#16
Acetone
Concen: 12.655 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 43 Resp: 24306

Ion	Ratio	Lower	Upper
43	100		
58	24.9	17.7	26.5

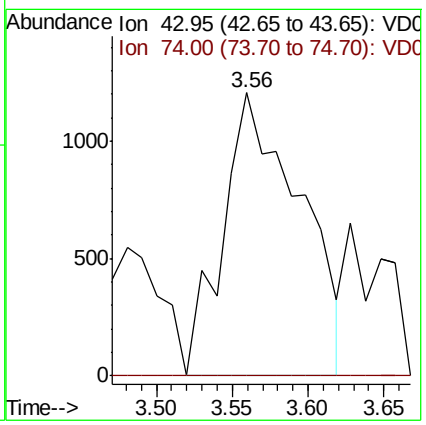


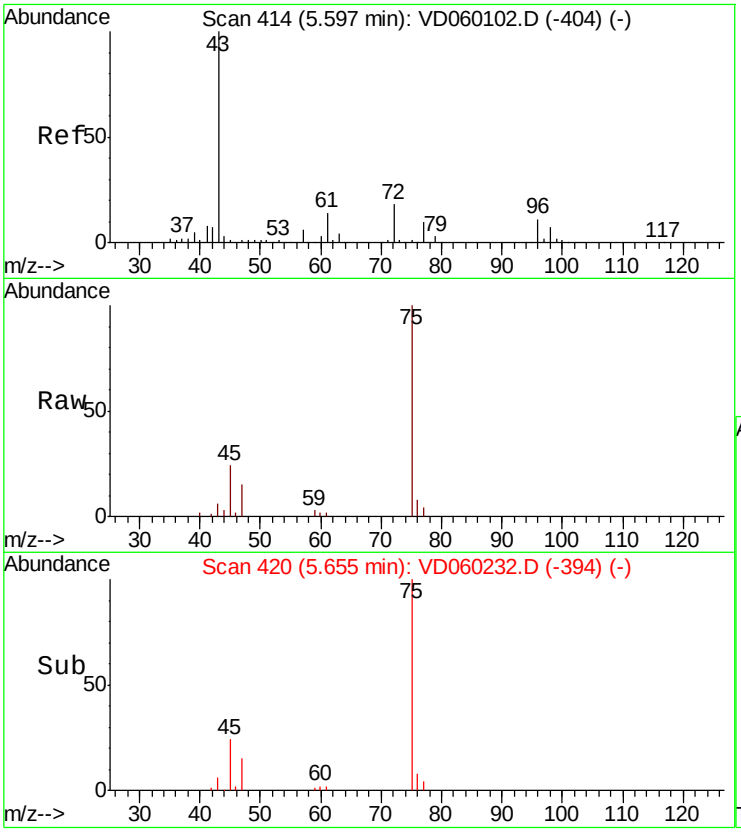


#18
Methyl Acetate
Concen: 1.037 ug/l
RT: 3.56 min Scan# 207
Delta R.T. 0.03 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 43 Resp: 4281

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	19.0#



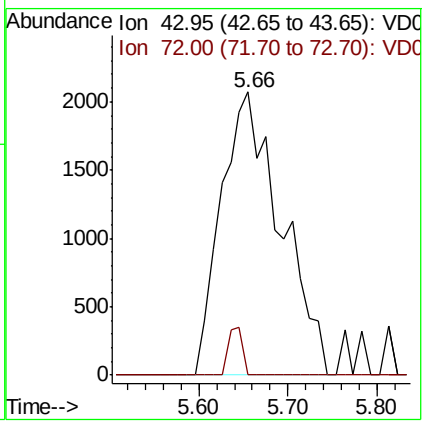


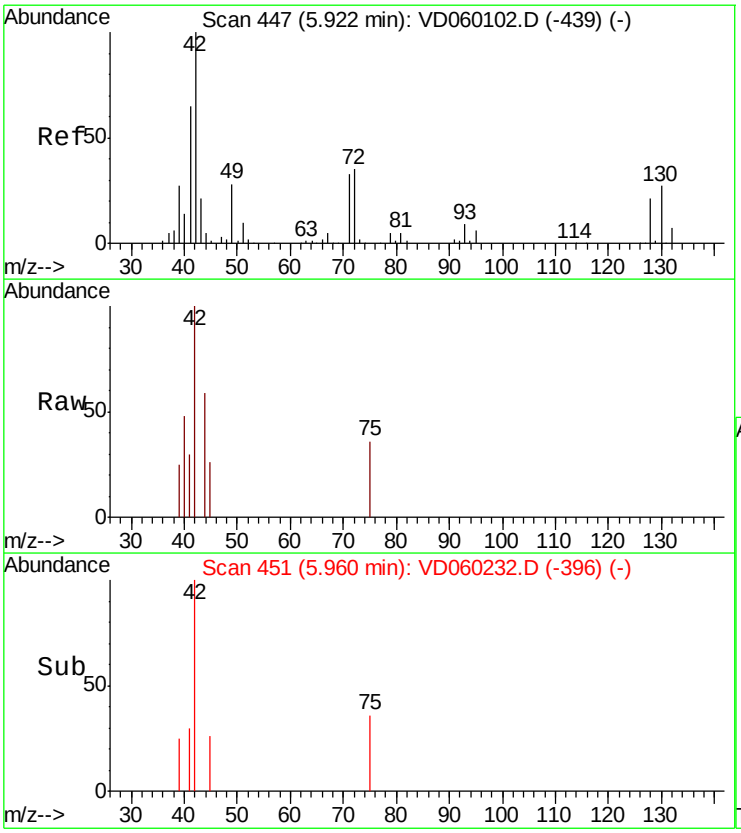
#25
2-Butanone
Concen: 2.007 ug/l
RT: 5.66 min Scan# 420
Delta R.T. 0.06 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 43 Resp: 9628

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.5	21.7#

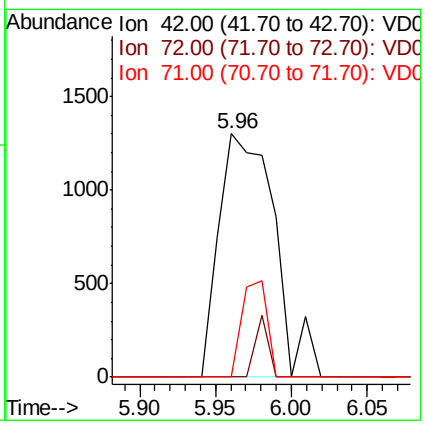


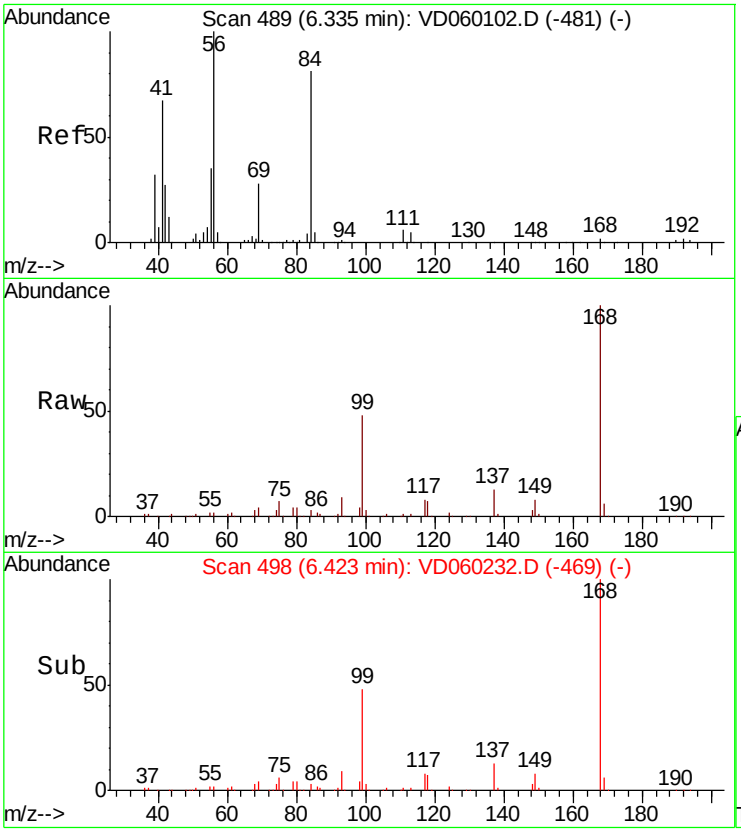


#29
Tetrahydrofuran
Concen: 1.191 ug/l
RT: 5.96 min Scan# 451
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 42 Resp: 3319

Ion	Ratio	Lower	Upper
42	100		
72	5.8	26.9	40.3#
71	17.7	26.7	40.1#



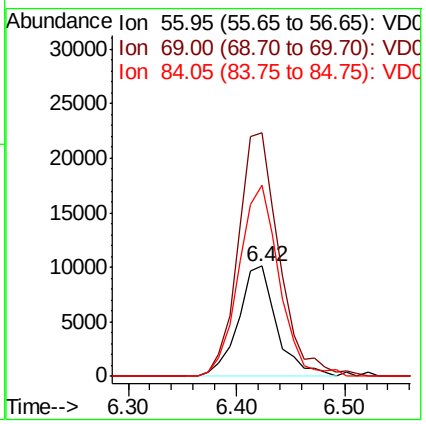


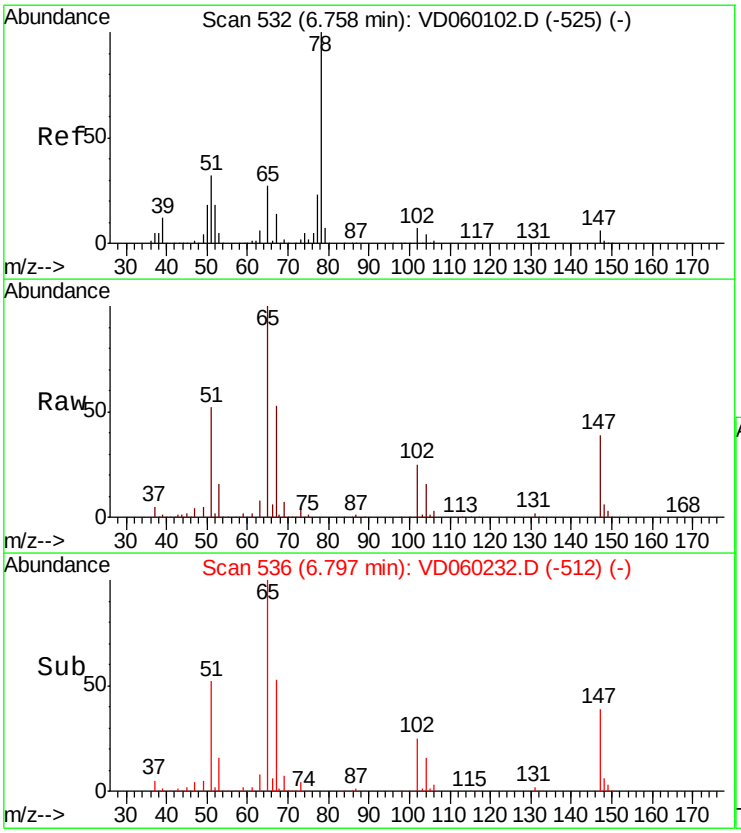
#31
Cyclohexane
Concen: 1.090 ug/l
RT: 6.42 min Scan# 498
Delta R.T. 0.09 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument : MSVOA_D
ClientSampleId : TRENCH-02-BASE

Tgt Ion: 56 Resp: 24998

Ion	Ratio	Lower	Upper
56	100		
69	220.7	22.8	34.2#
84	172.7	64.9	97.3#

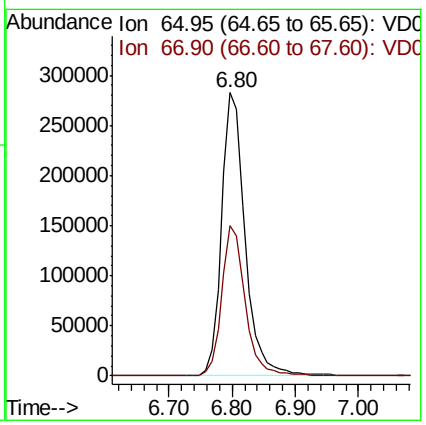


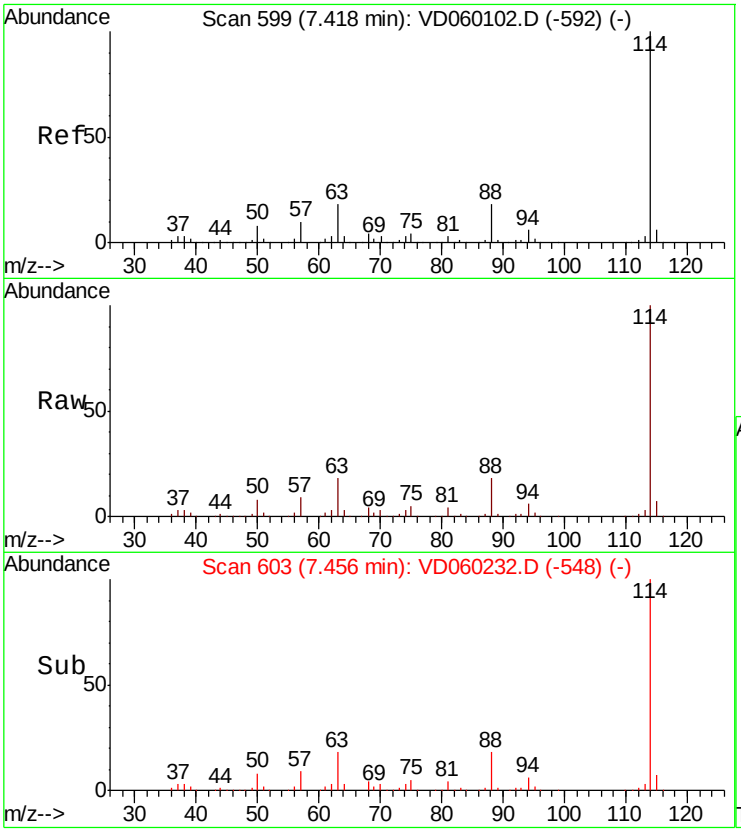


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 65 Resp: 732181

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.2



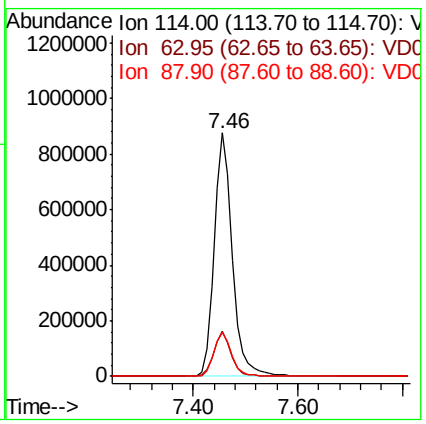


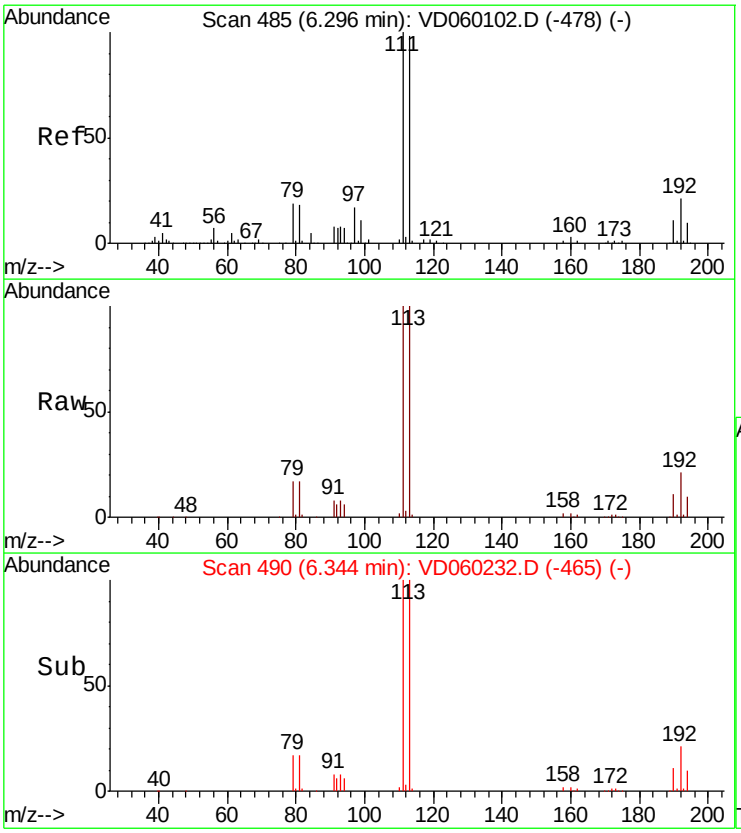
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:114 Resp: 2109257

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.0
88	18.0	0.0	36.2

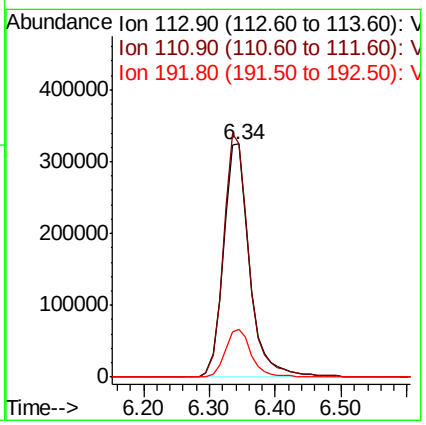


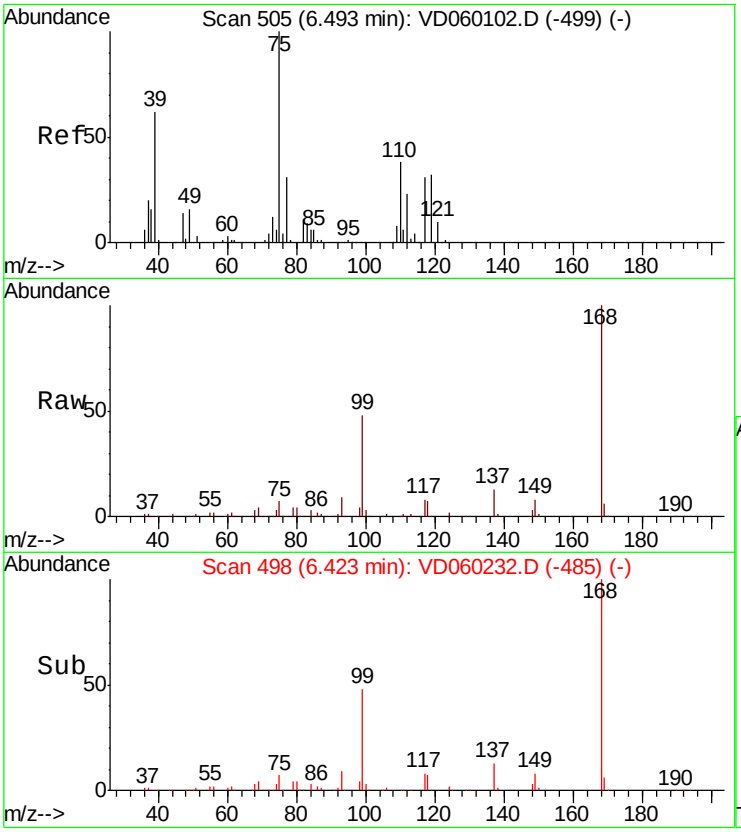


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.05 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion:113 Resp: 904343

Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.5	122.3
192	20.7	17.4	26.0



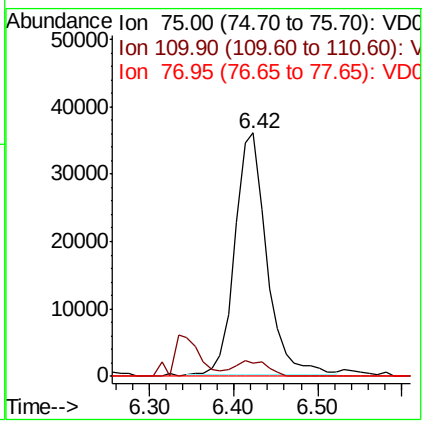


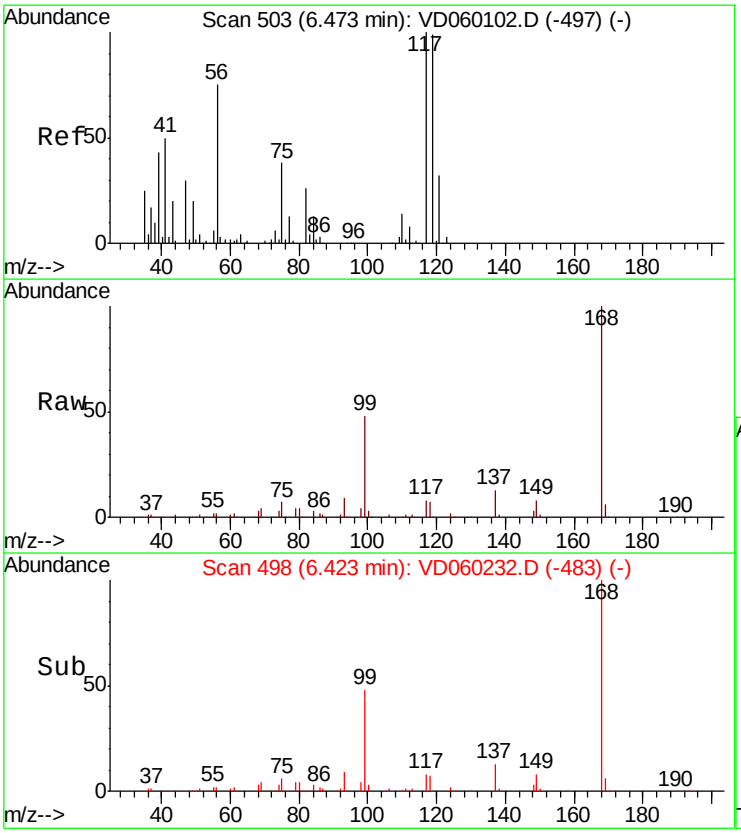
#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.07 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 75 Resp: 93242

Ion	Ratio	Lower	Upper
75	100		
110	5.7	19.0	57.0#
77	0.0	24.9	37.3#

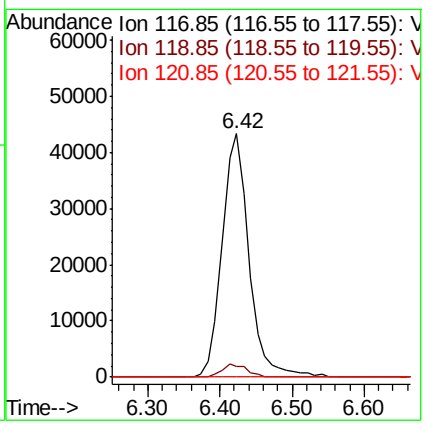


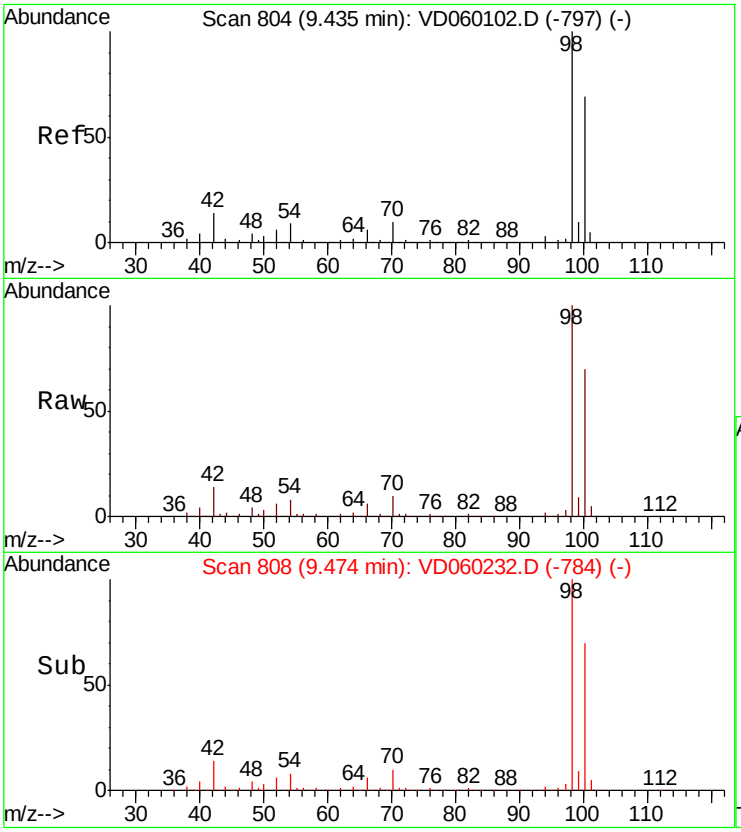


#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.05 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion:117 Resp: 112145

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.8	116.6#
121	0.0	24.8	37.2#



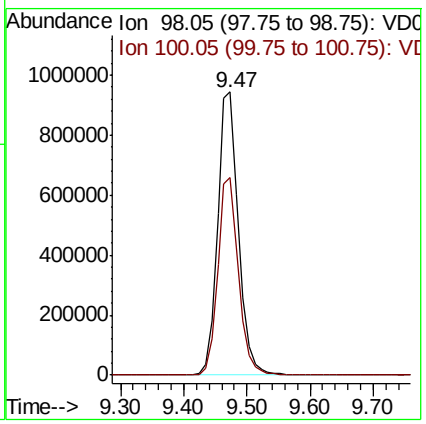


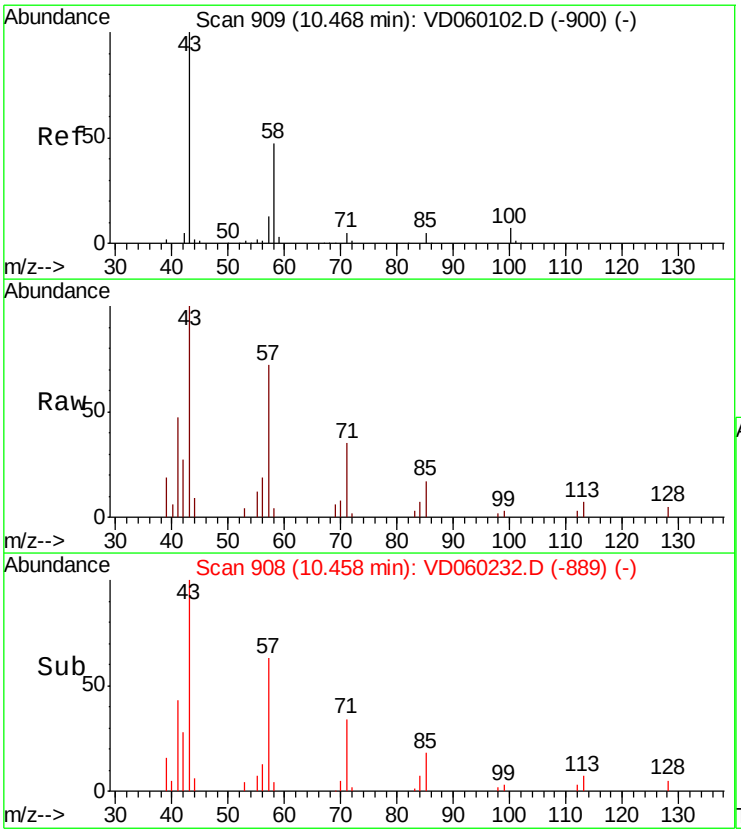
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 98 Resp: 2175148

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.4	83.0

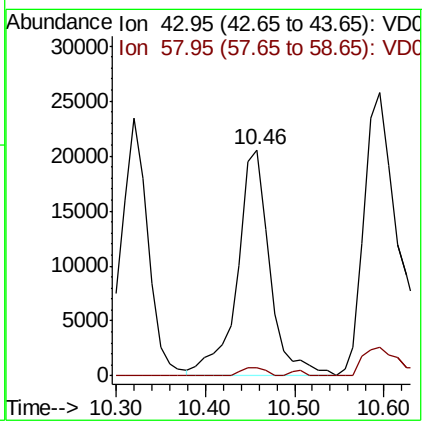


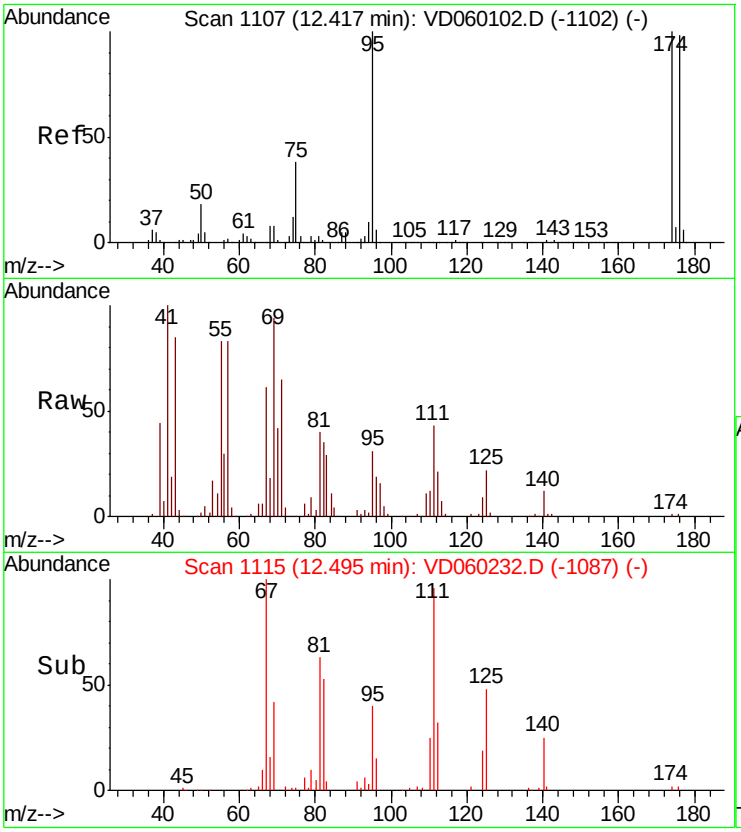


#59
2-Hexanone
Concen: 6.511 ug/l
RT: 10.46 min Scan# 908
Delta R.T. -0.01 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 43 Resp: 51976

Ion	Ratio	Lower	Upper
43	100		
58	3.6	23.3	69.9#



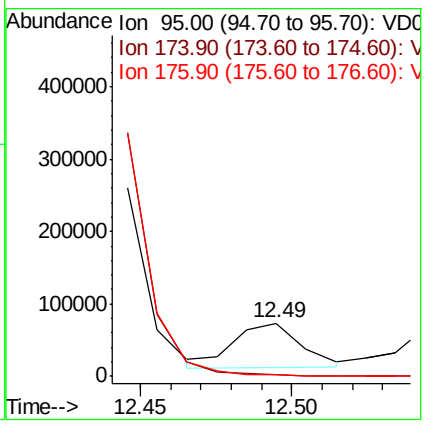


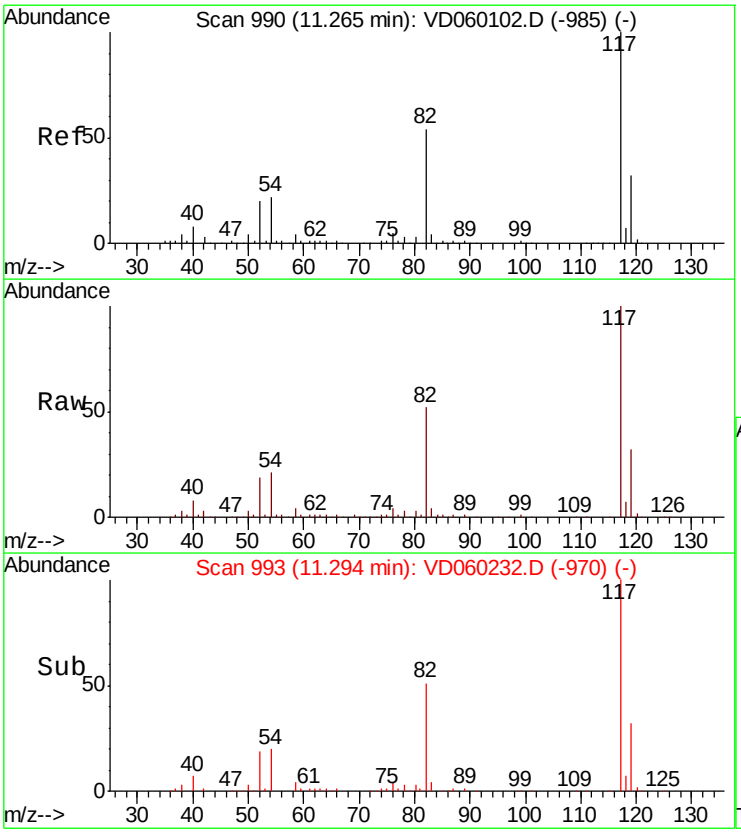
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.49 min Scan# 1115
Delta R.T. 0.08 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 95 Resp: 95674

Ion	Ratio	Lower	Upper
95	100		
174	2.8	0.0	200.2
176	2.9	0.0	195.6

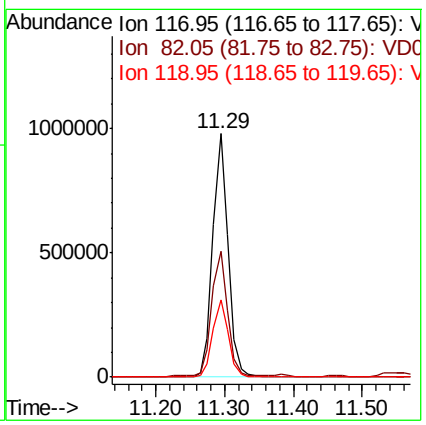


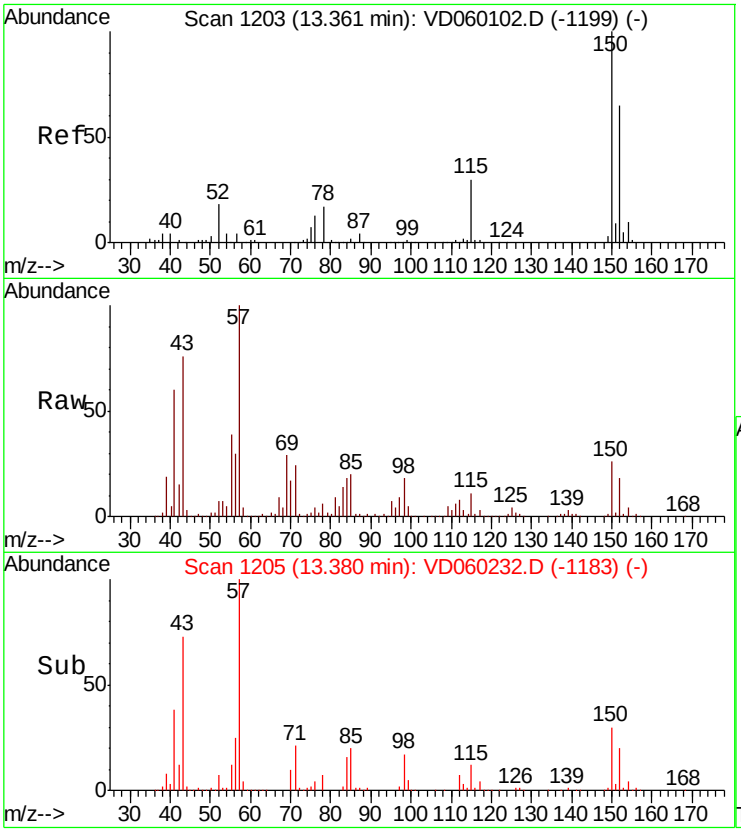


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion:117 Resp: 1515109

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.4	65.2
119	32.0	26.0	39.0



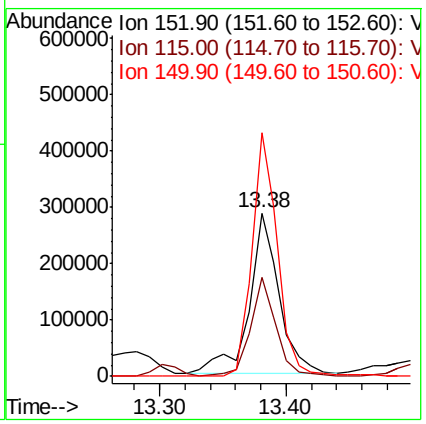


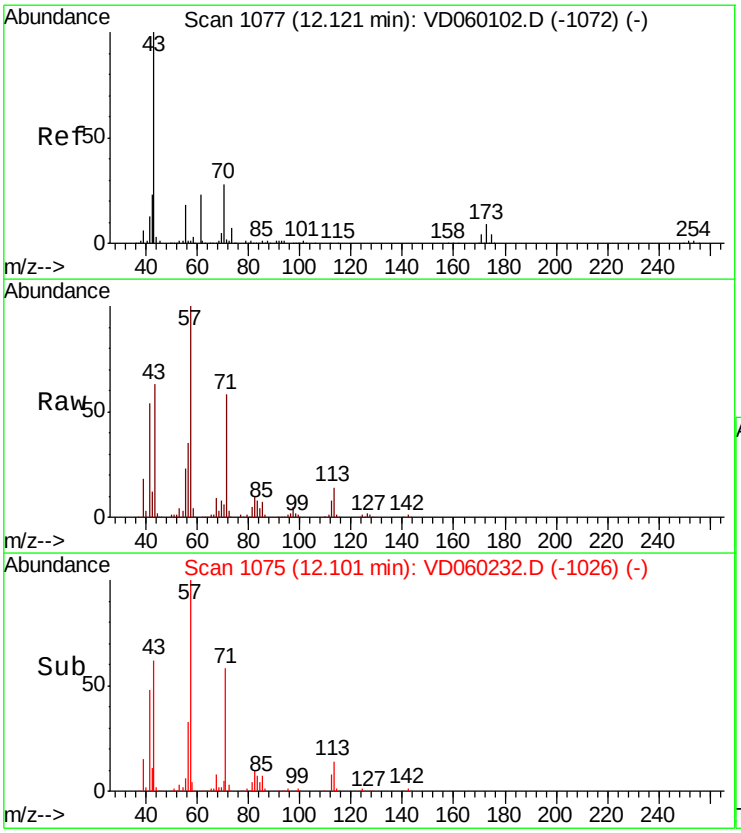
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:152 Resp: 473789

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.1	81.2
150	149.3	0.0	311.8

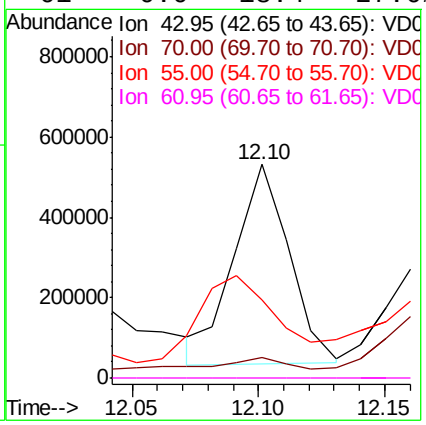


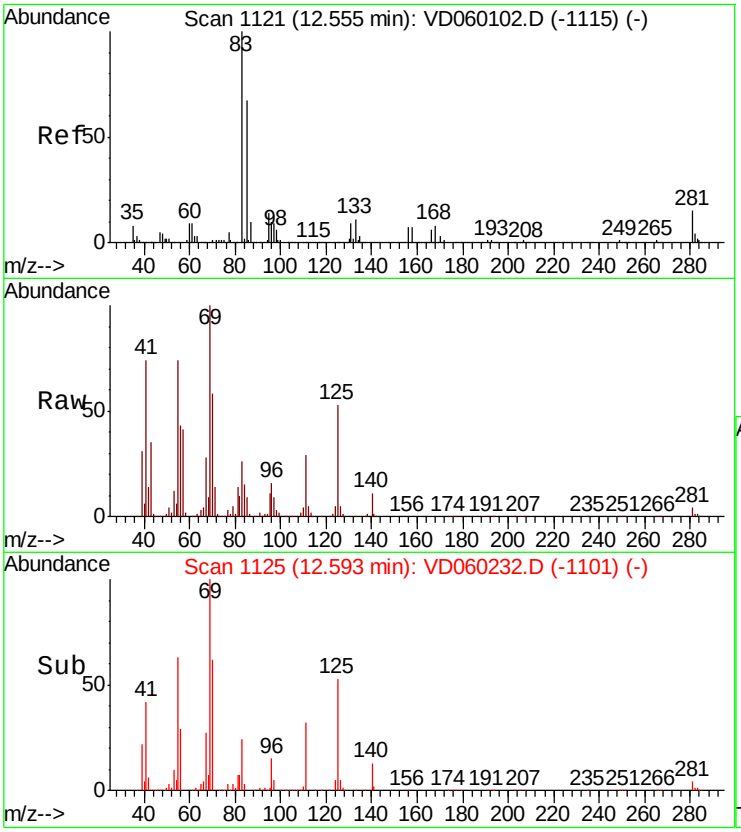


#74
N-amyl acetate
Concen: 66.089 ug/l
RT: 12.10 min Scan# 1075
Delta R.T. -0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 43 Resp: 756656

Ion	Ratio	Lower	Upper
43	100		
70	9.6	22.1	33.1#
55	36.7	14.1	21.1#
61	0.0	18.4	27.6#



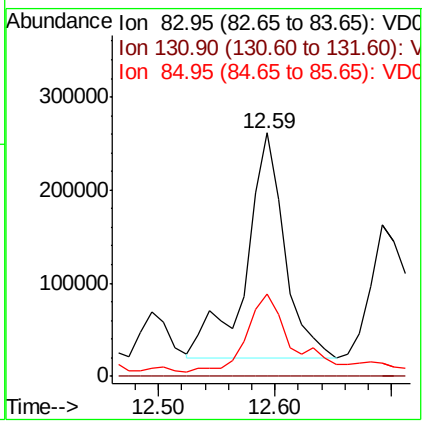


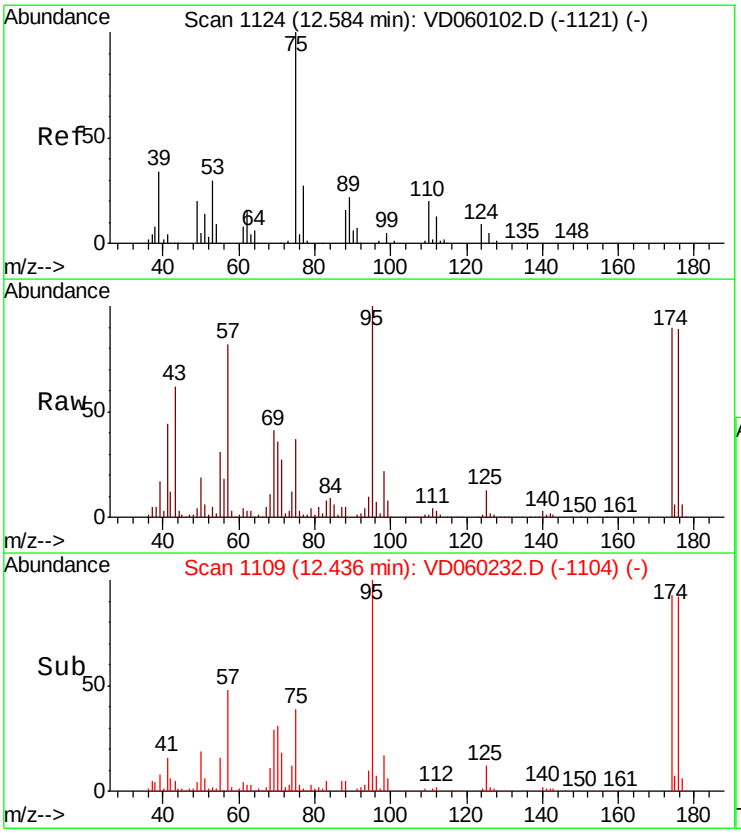
#75
1,1,2,2-Tetrachloroethane
Concen: 80.683 ug/l
RT: 12.59 min Scan# 1125
Delta R.T. 0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 83 Resp: 550570

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.4#
85	33.9	33.3	99.9

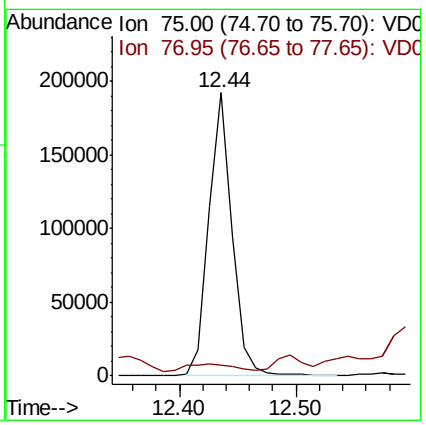


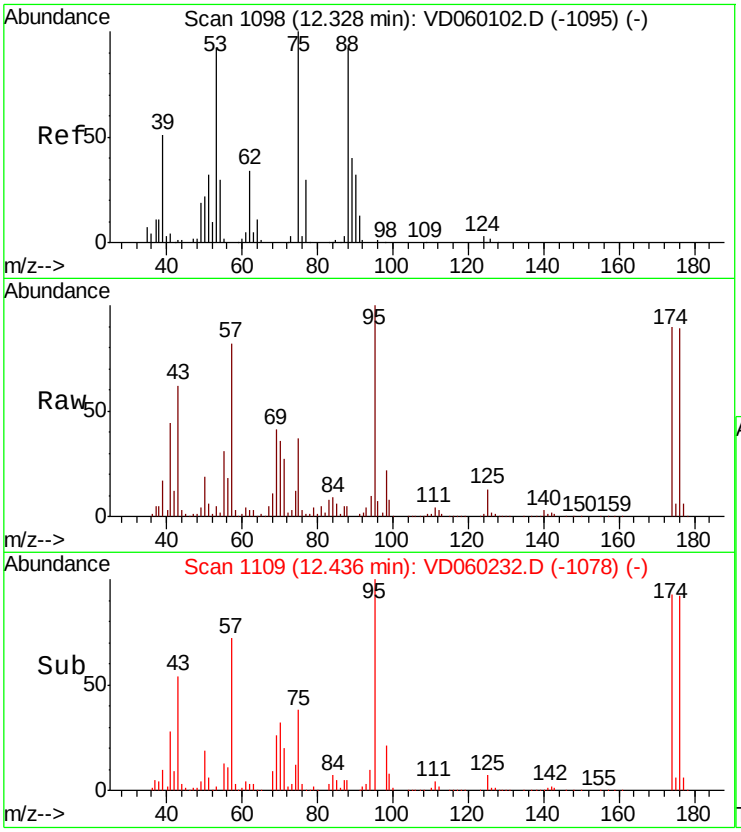


#76
1,2,3-Trichloropropane
Concen: 38.553 ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.15 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 75 Resp: 263055

Ion	Ratio	Lower	Upper
75	100		
77	3.9	16.3	48.9#



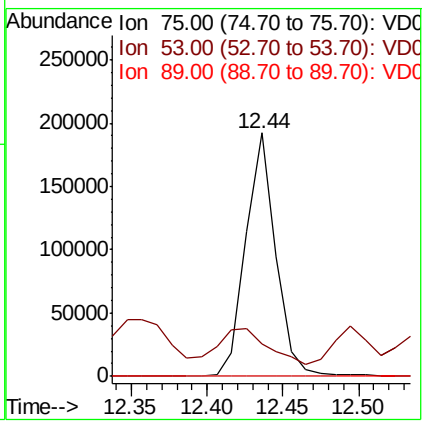


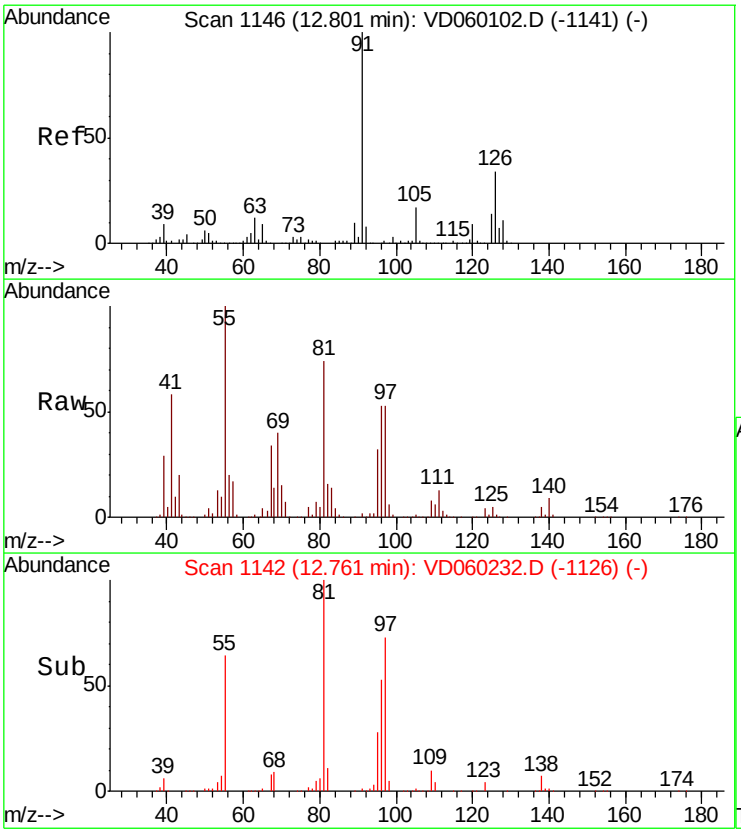
#81
trans-1,4-Dichloro-2-butene
Concen: 138.410 ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.11 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 75 Resp: 265362

Ion	Ratio	Lower	Upper
75	100		
53	13.2	73.0	109.6#
89	0.0	32.0	48.0#

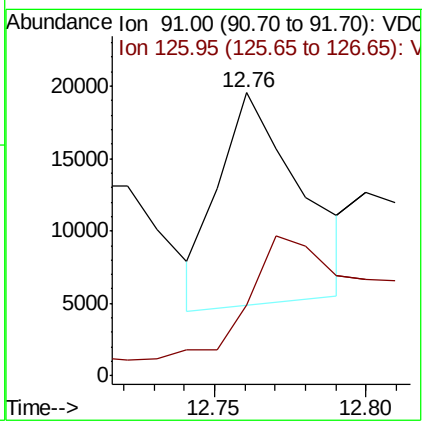


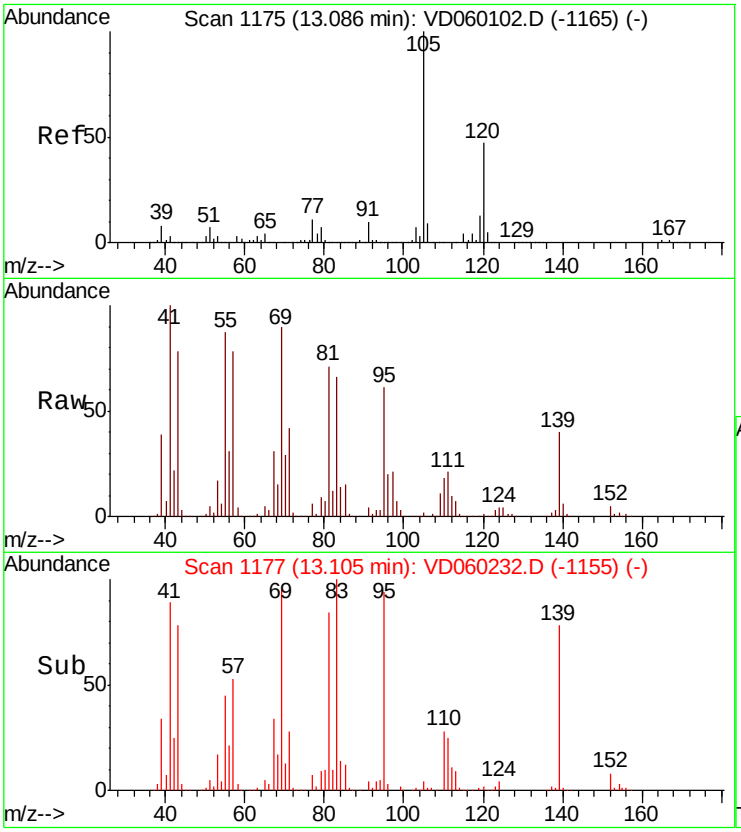


#82
4-Chlorotoluene
Concen: 1.127 ug/l
RT: 12.76 min Scan# 1142
Delta R.T. -0.04 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 91 Resp: 27458

Ion	Ratio	Lower	Upper
91	100		
126	25.2	17.1	51.2



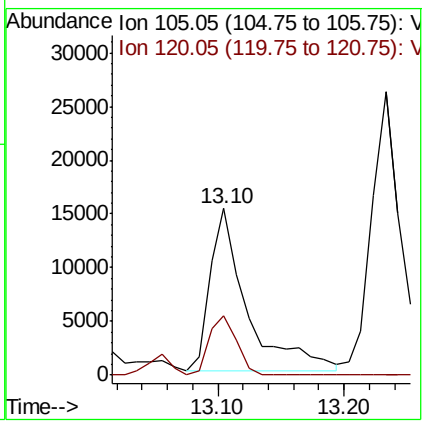


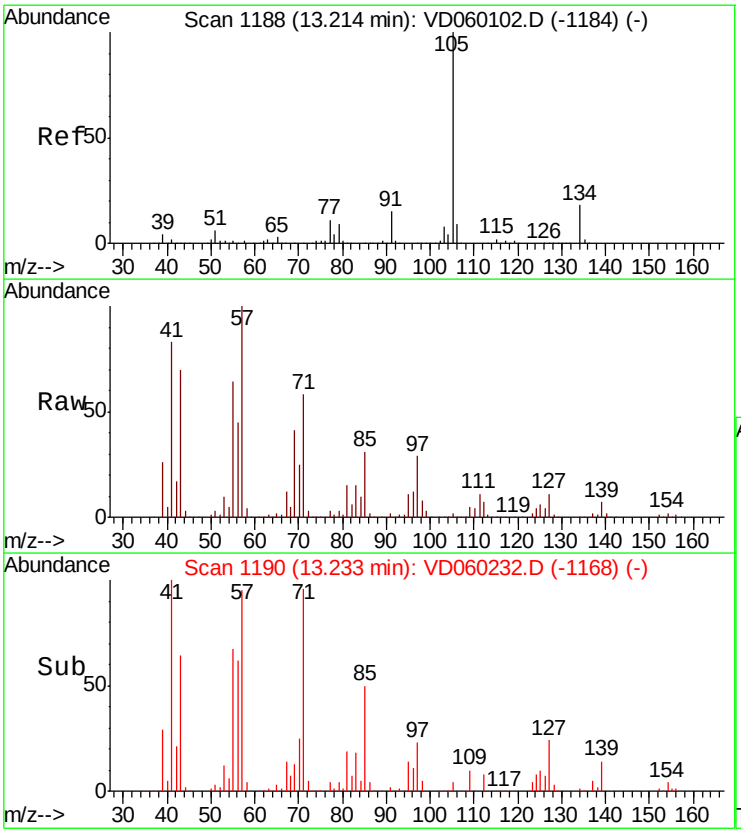
#84
1,2,4-Trimethylbenzene
Concen: 1.200 ug/l
RT: 13.10 min Scan# 1177
Delta R.T. 0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:105 Resp: 30594

Ion	Ratio	Lower	Upper
105	100		
120	35.9	23.4	70.0

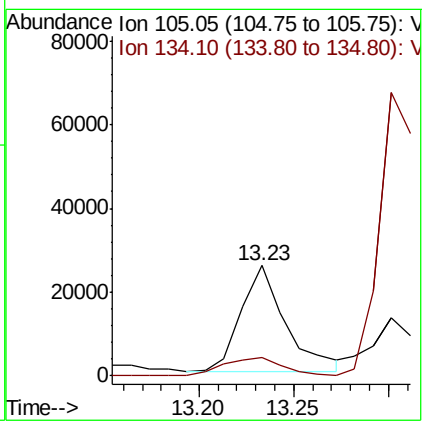


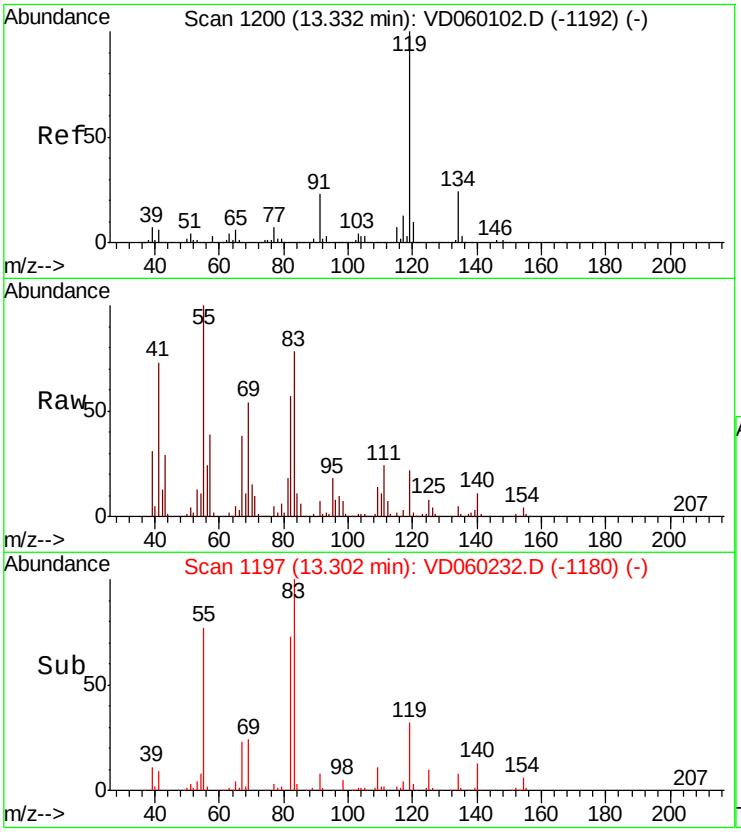


#85
sec-Butylbenzene
Concen: 1.269 ug/l
RT: 13.23 min Scan# 1190
Delta R.T. 0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion:105 Resp: 41669

Ion	Ratio	Lower	Upper
105	100		
134	16.6	8.8	26.2



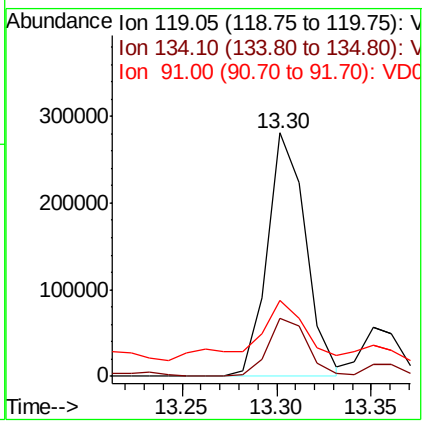


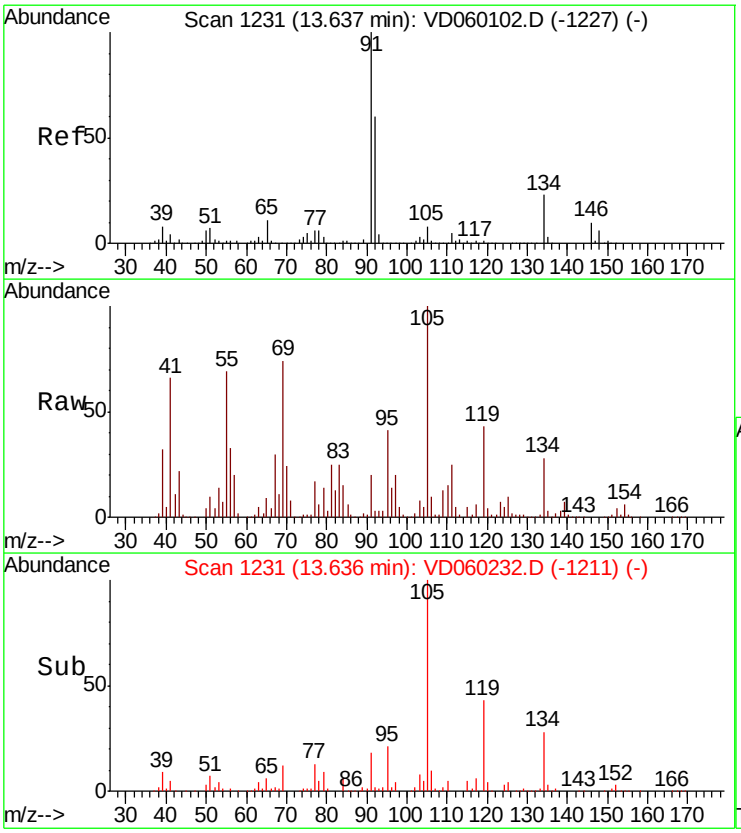
#86
p-Isopropyltoluene
Concen: 14.647 ug/l
RT: 13.30 min Scan# 1197
Delta R.T. -0.03 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:119 Resp: 394313

Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.3	36.8
91	31.1	11.8	35.4

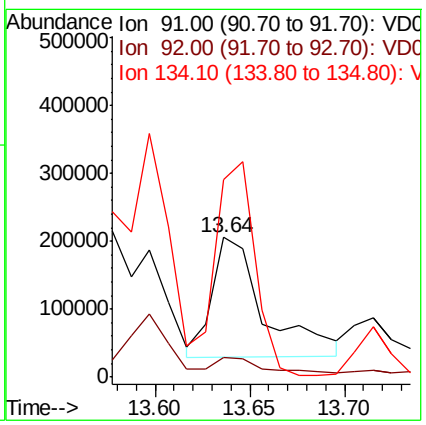


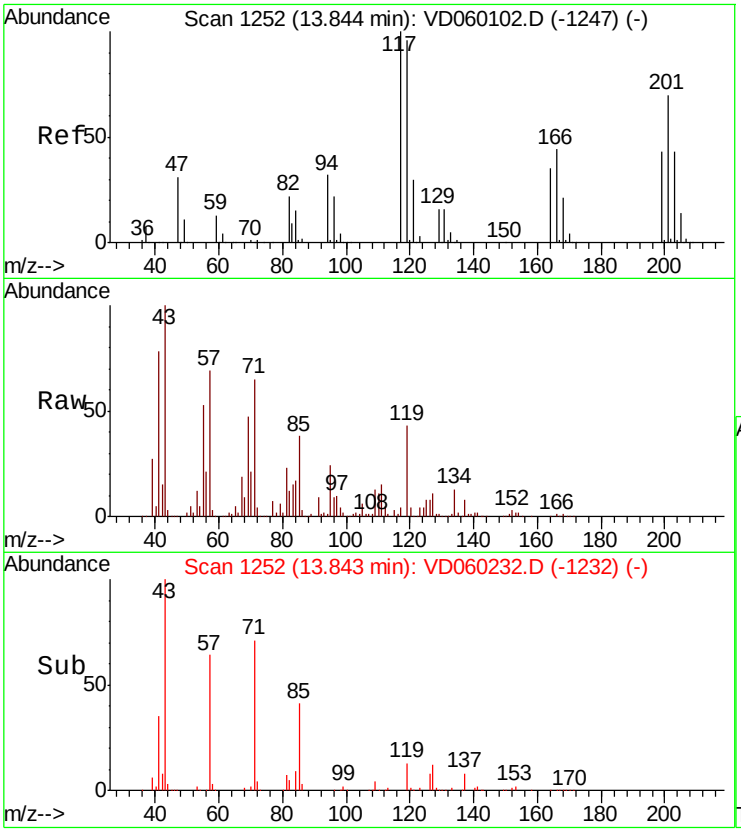


#89
n-Butylbenzene
Concen: 12.871 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 91 Resp: 338106

Ion	Ratio	Lower	Upper
91	100		
92	13.7	30.1	90.3#
134	141.4	11.6	34.7#



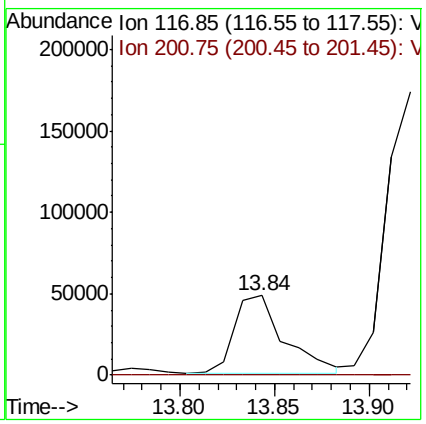


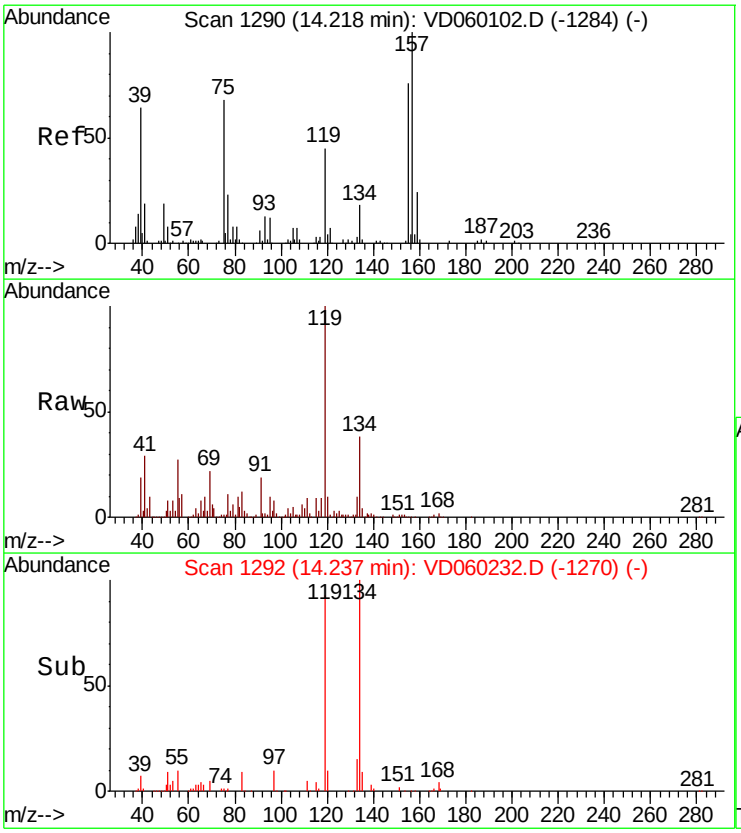
#90
Hexachloroethane
Concen: 13.766 ug/l
RT: 13.84 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:117 Resp: 85772

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.8	104.5#

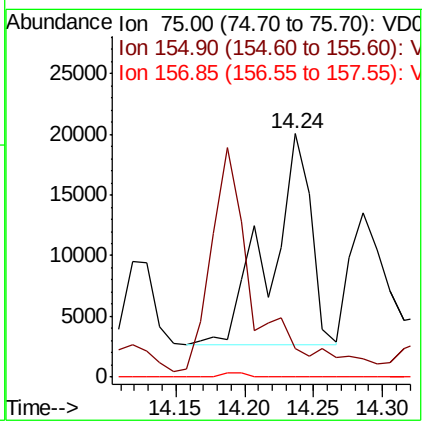


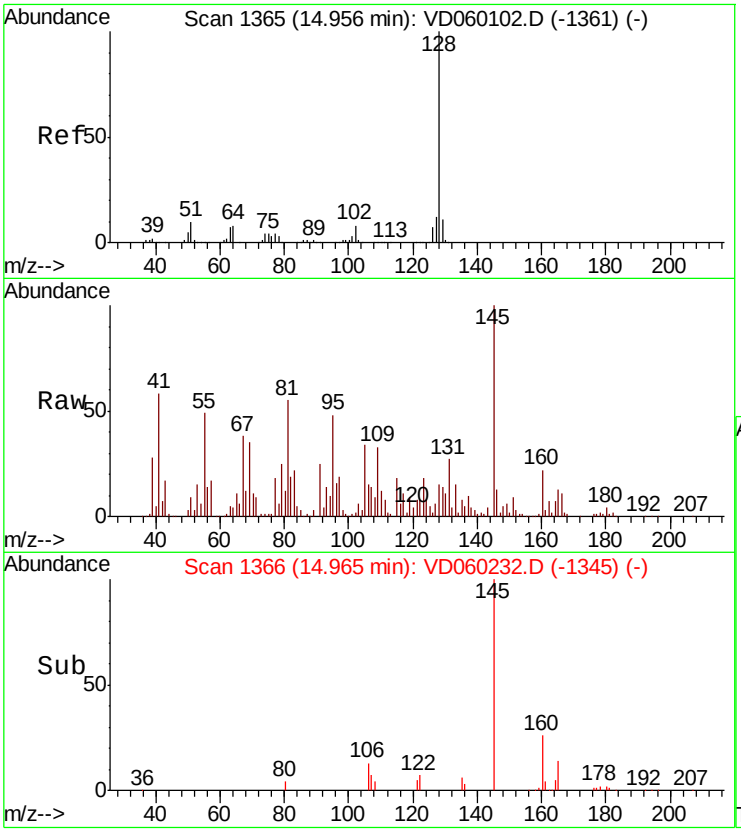


#92
1,2-Dibromo-3-Chloropropane
Concen: 38.542 ug/l
RT: 14.24 min Scan# 1292
Delta R.T. 0.02 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion: 75 Resp: 35117

Ion	Ratio	Lower	Upper
75	100		
155	11.7	55.9	167.7#
157	0.0	73.3	219.8#



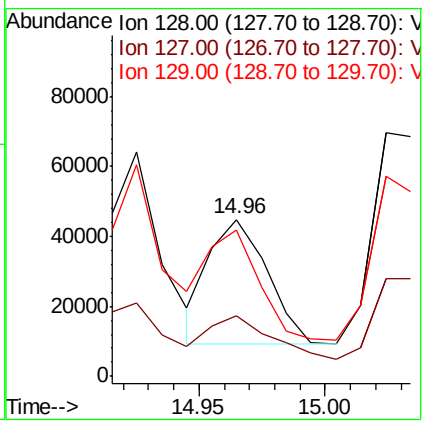


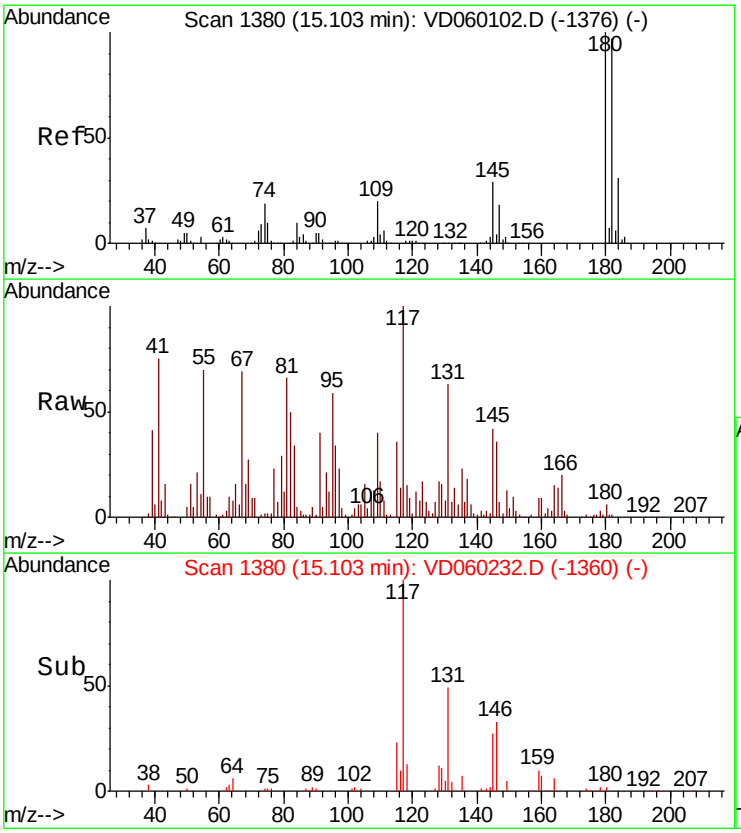
#95
Naphthalene
Concen: 3.409 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Instrument :
MSVOA_D
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:128 Resp: 57067

Ion	Ratio	Lower	Upper
128	100		
127	39.0	9.9	14.9#
129	93.7	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 1.399 ug/l
RT: 15.10 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD060232.D
Acq: 29 Oct 2018 16:41

Tgt Ion:180 Resp: 13743

Ion	Ratio	Lower	Upper
180	100		
182	13.5	48.4	145.0#
145	663.5	14.5	43.6#