Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062118\
Data File : VD058281.D
Acq On : 22 Jun 2018 6:42
Operator : VA/AP
Sample : J3594-05
Misc : 6.14g/5ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HC-SOIL-3

Quant Time: Jun 22 08:25:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	621770	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	833801	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	645628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	274039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	350323	55.78	ug/l	0.01
Spiked Amount 50.000			Recovery = 111.56%			
35) Dibromofluoromethane	5.56	113	355955	52.45	ug/l	0.01
Spiked Amount 50.000			Recovery = 104.90%			
50) Toluene-d8	8.71	98	757355	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.26%			
62) 4-Bromofluorobenzene	11.93	95	284952	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.36	85	353	Below Cal	#	43
3) Chloromethane	1.39	50	199	Below Cal	#	43
5) Bromomethane	1.84	94	232	Below Cal	#	3
11) Tert butyl alcohol	3.32	59	260	1.255 ug/l	#	78
13) Acrolein	2.49	56	197	1.666 ug/l	#	74
16) Acetone	2.62	43	4896	5.700 ug/l	#	62
20) Methylene Chloride	3.08	84	3330	Below Cal	#	71
25) 2-Butanone	4.84	43	2079	1.111 ug/l	#	60
31) Cyclohexane	5.65	56	12859	Below Cal	#	1
36) 1,1-Dichloropropene	5.65	75	51462	6.239 ug/l	#	48
38) Carbon Tetrachloride	5.65	117	51681	6.306 ug/l	#	14
81) trans-1,4-Dichloro-2-buten	11.93	75	144297	147.871 ug/l	#	1
82) 4-Chlorotoluene	12.32	91	339	Below Cal	#	45

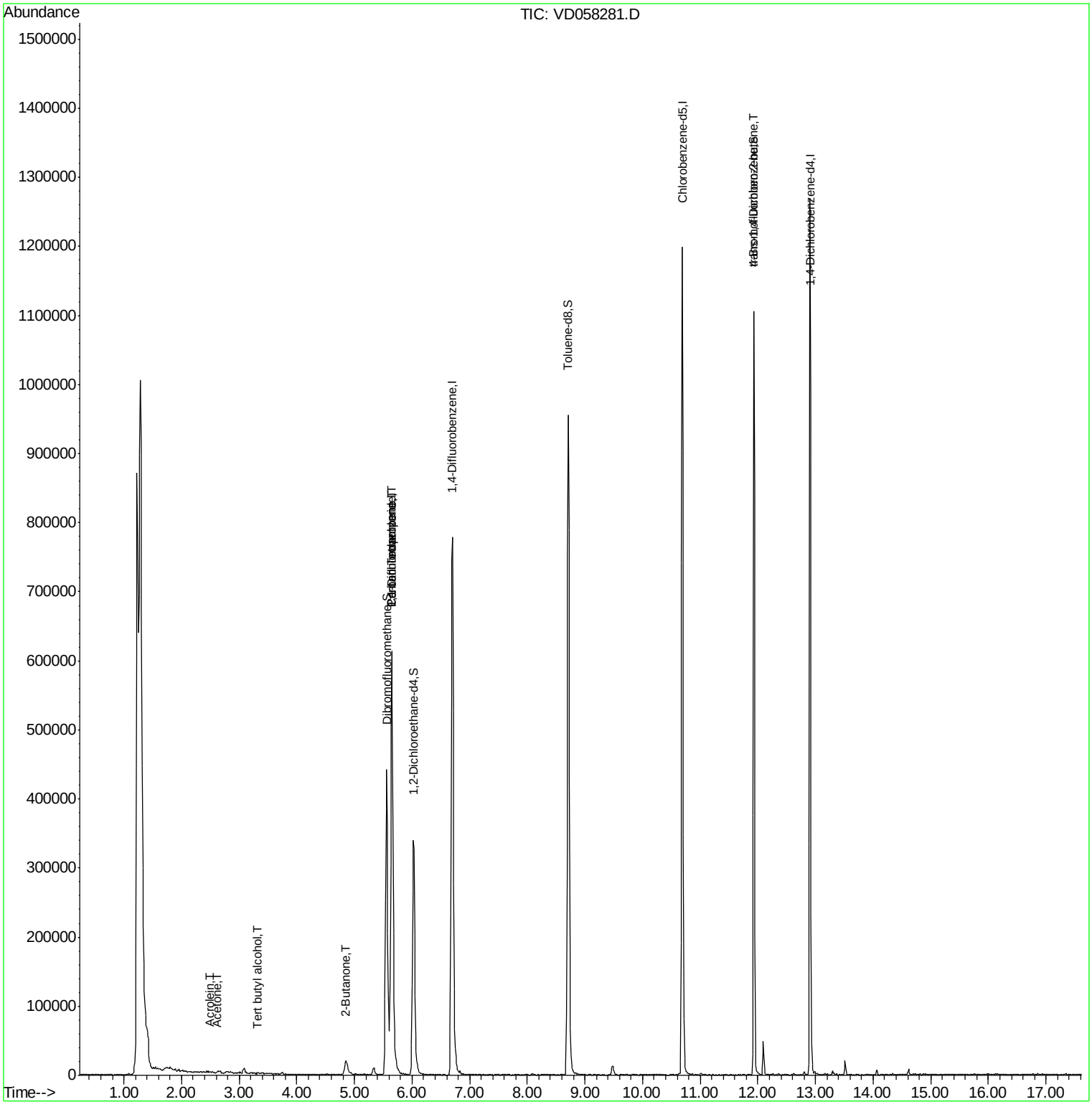
(#) = qualifier out of range (m) = manual integration (+) = signals summed

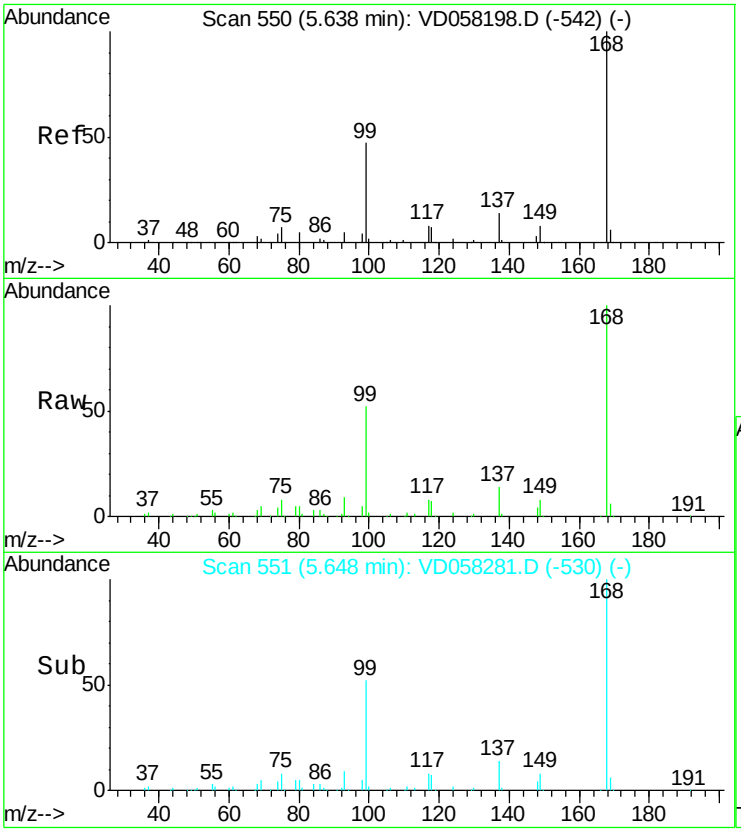
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058281.D
Acq On : 22 Jun 2018 6:42
Operator : VA/AP
Sample : J3594-05
Misc : 6.14g/5ml/MSVOA D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-3

Quant Time: Jun 22 08:25:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration



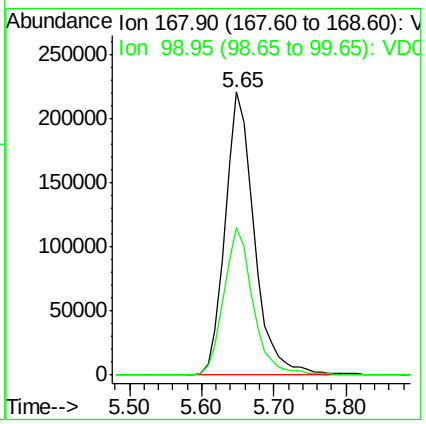


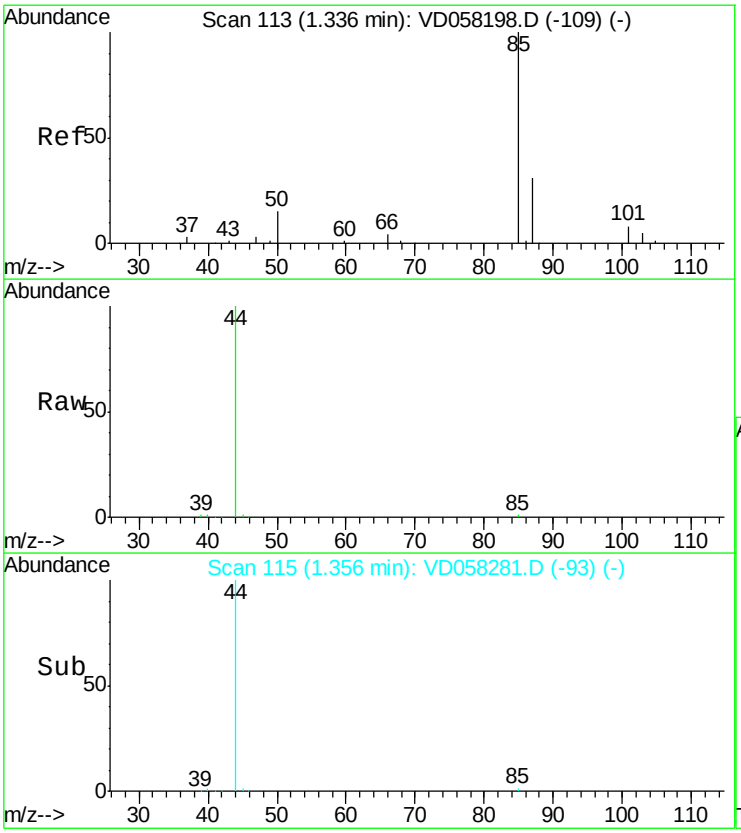
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-3

Tgt Ion:168 Resp: 621770

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.1	61.7

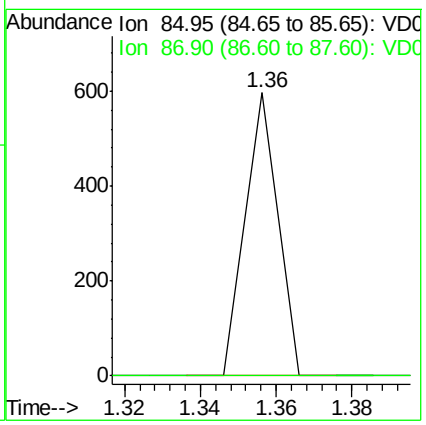


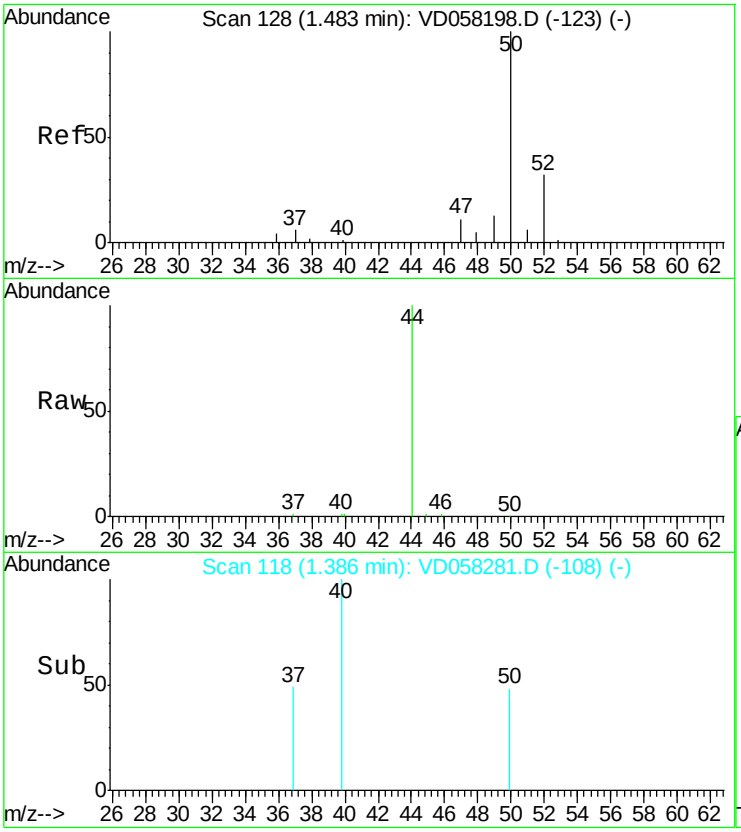


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.36 min Scan# 115
Delta R.T. 0.02 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 85 Resp: 353

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.7	47.0#



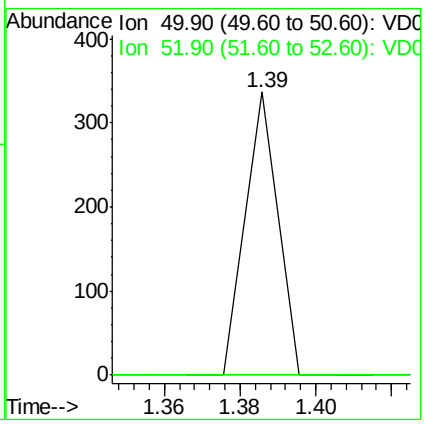


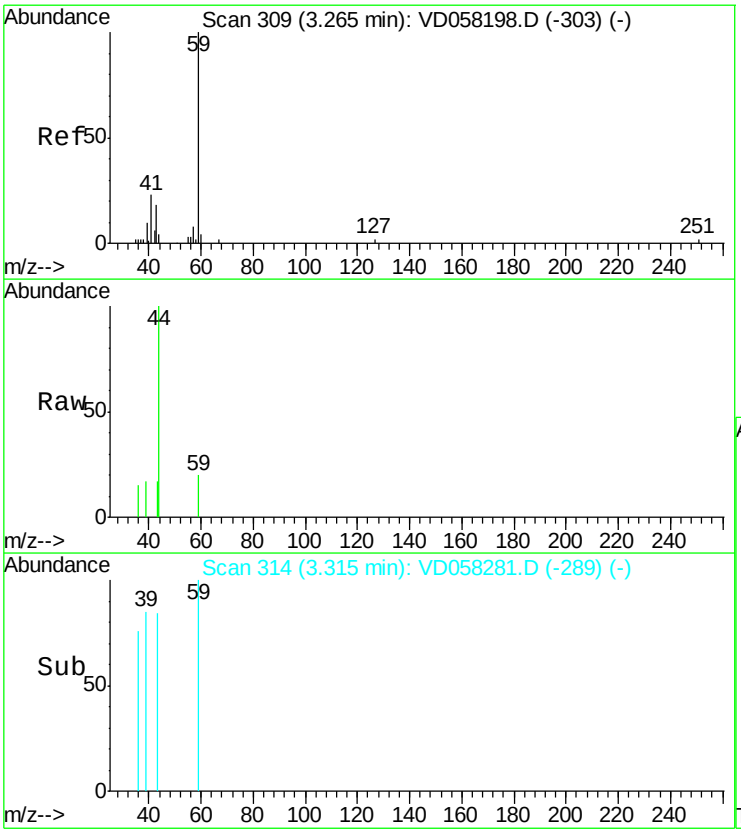
#3
Chloromethane
Concen: Below Cal
RT: 1.39 min Scan# 118
Delta R.T. -0.10 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument : MSVOA_D
ClientSampleId : HC-SOIL-3

Tgt Ion: 50 Resp: 199

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#

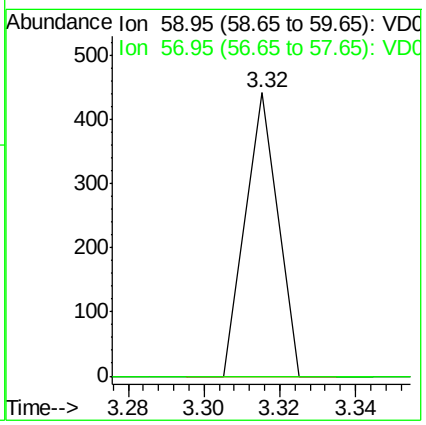


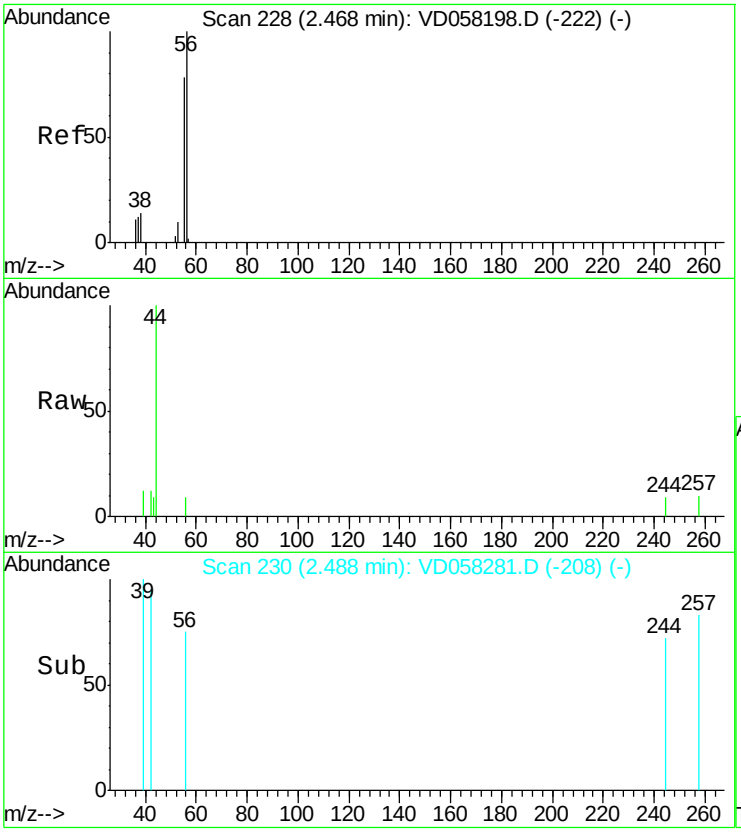


#11
Tert butyl alcohol
Concen: 1.255 ug/l
RT: 3.32 min Scan# 314
Delta R.T. 0.05 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 59 Resp: 260

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.2	9.4#



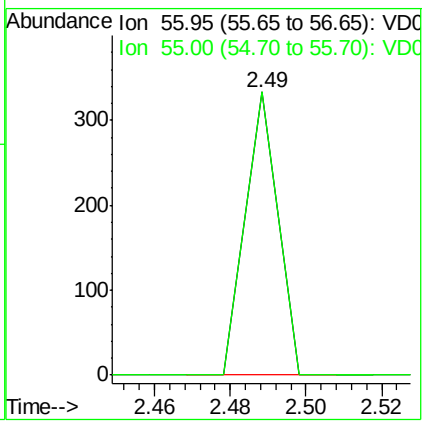


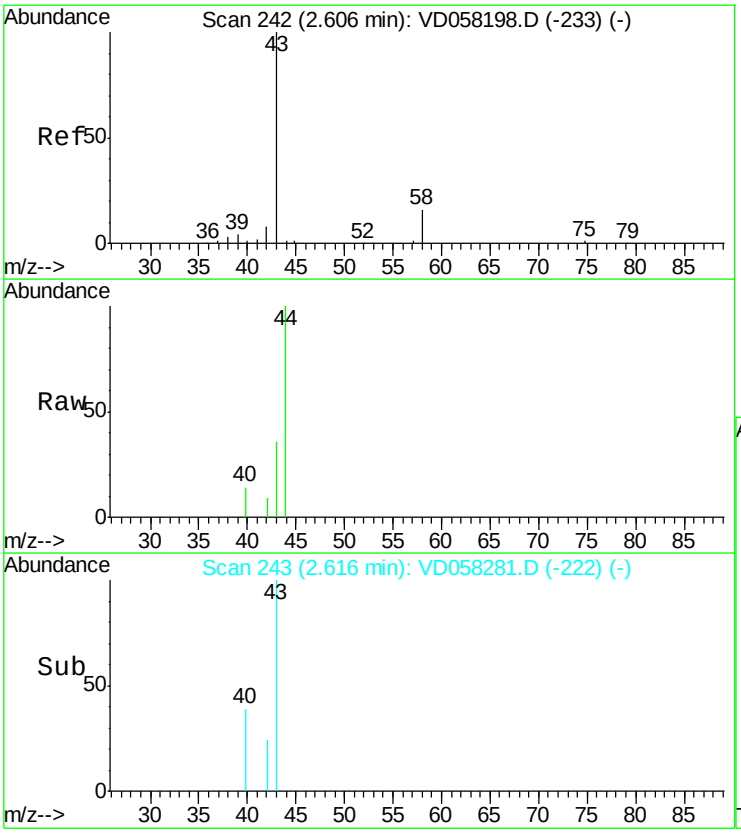
#13
Acrolein
Concen: 1.666 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument : MSVOA_D
ClientSampleId : HC-SOIL-3

Tgt Ion: 56 Resp: 197

Ion	Ratio	Lower	Upper
56	100		
55	100.0	62.1	93.1#

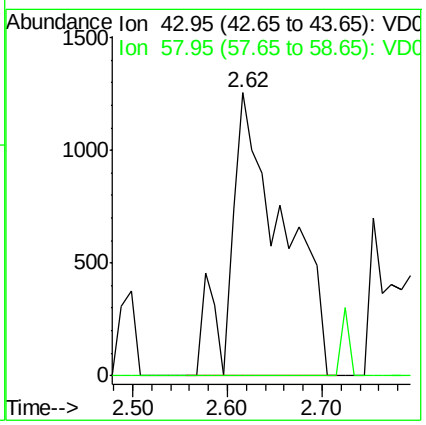


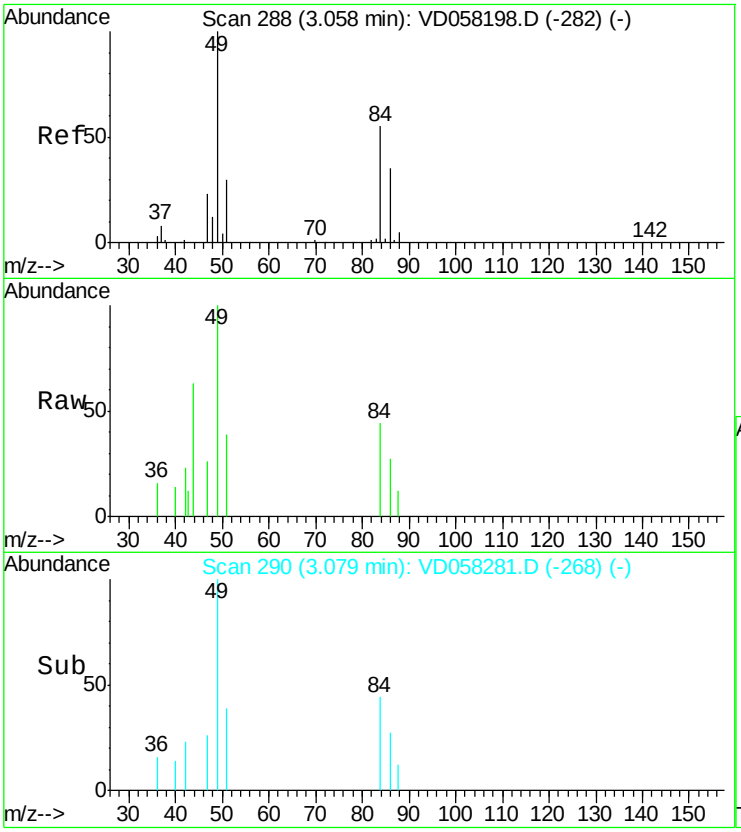


#16
Acetone
Concen: 5.700 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 43 Resp: 4896

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.7	19.1#



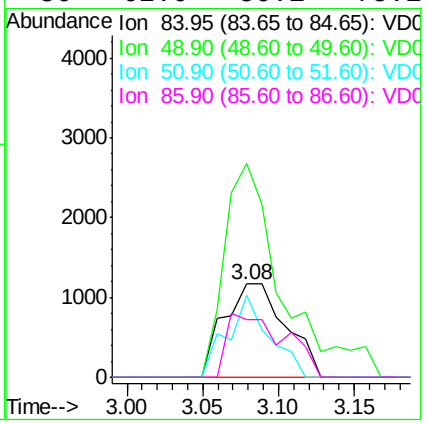


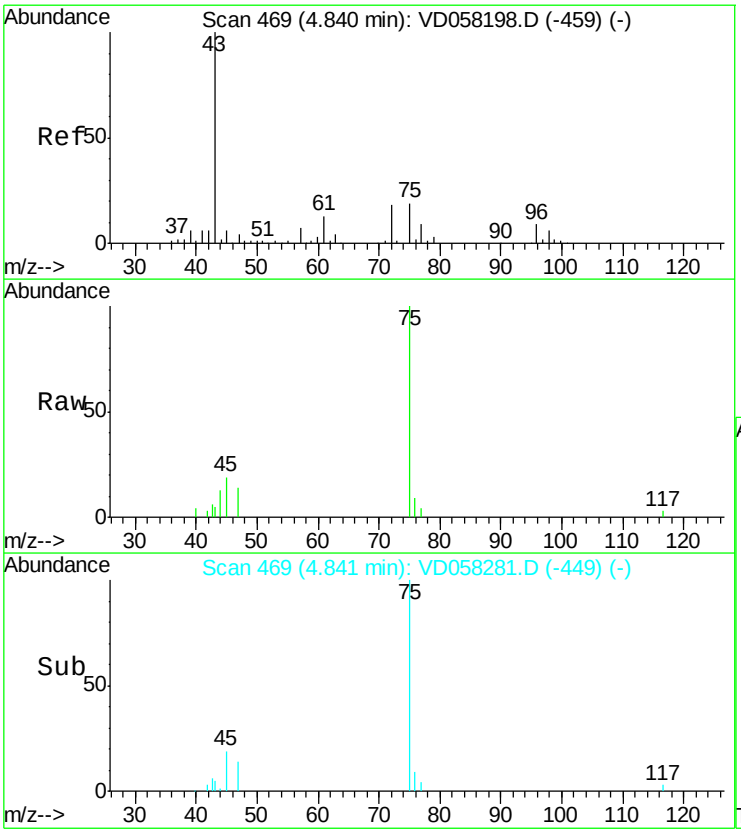
#20
Methylene Chloride
Concen: Below Cal
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument : MSVOA_D
ClientSampleId : HC-SOIL-3

Tgt Ion: 84 Resp: 3330

Ion	Ratio	Lower	Upper
84	100		
49	229.3	145.0	217.6#
51	88.3	42.9	64.3#
86	62.0	50.1	75.1

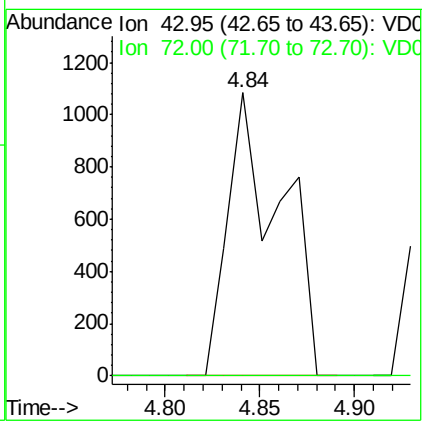


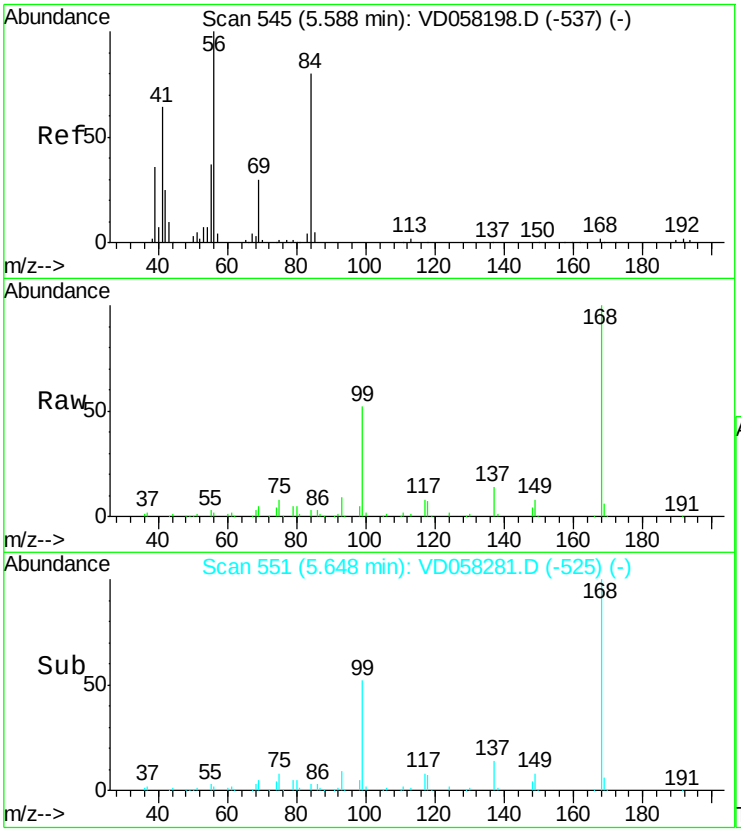


#25
2-Butanone
Concen: 1.111 ug/l
RT: 4.84 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 43 Resp: 2079

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#



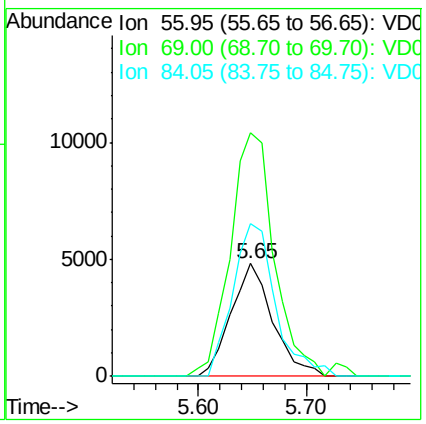


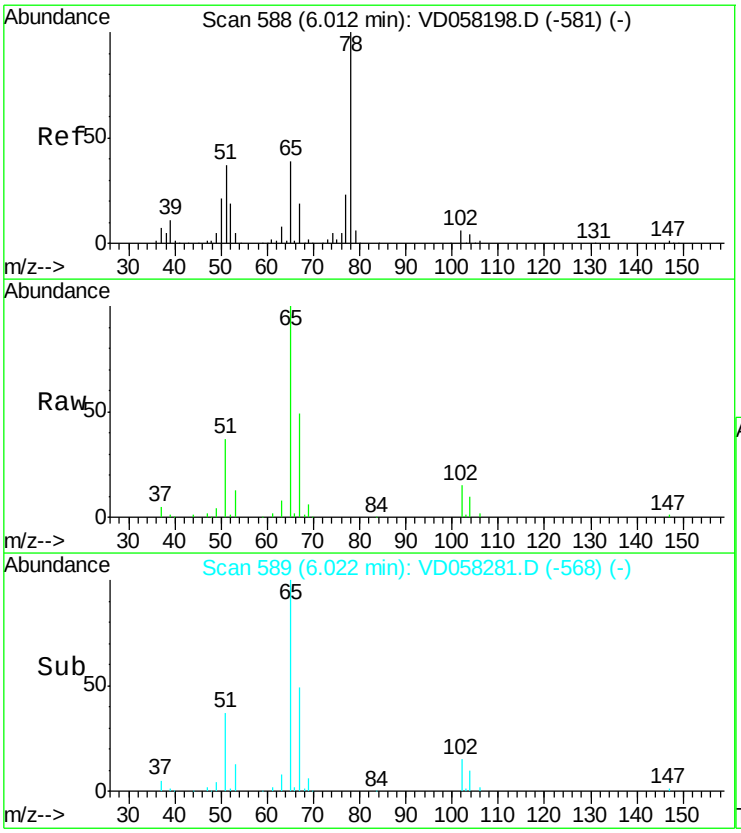
#31
Cyclohexane
Concen: Below Cal
RT: 5.65 min Scan# 551
Delta R.T. 0.06 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument : MSVOA_D
ClientSampleId : HC-SOIL-3

Tgt Ion: 56 Resp: 12859

Ion	Ratio	Lower	Upper
56	100		
69	216.2	23.6	35.4#
84	135.6	65.2	97.8#

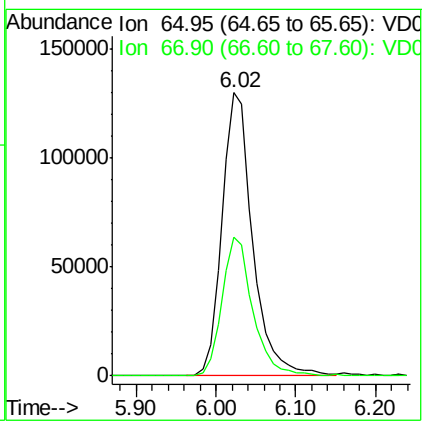


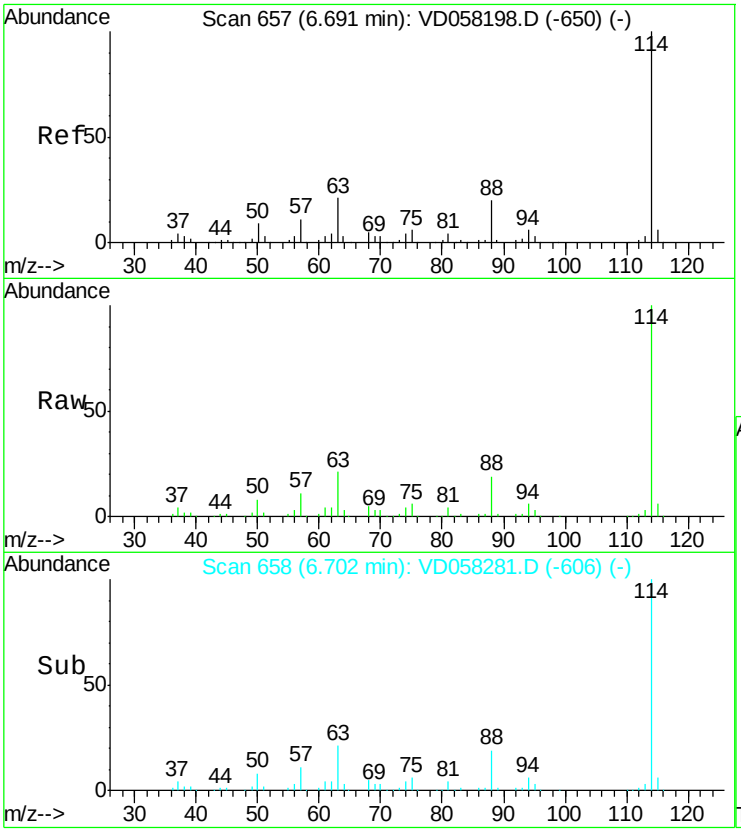


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 65 Resp: 350323

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	97.8



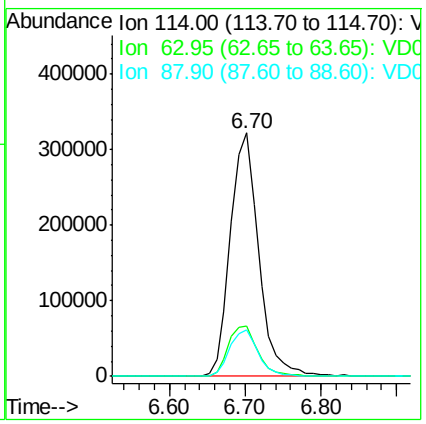


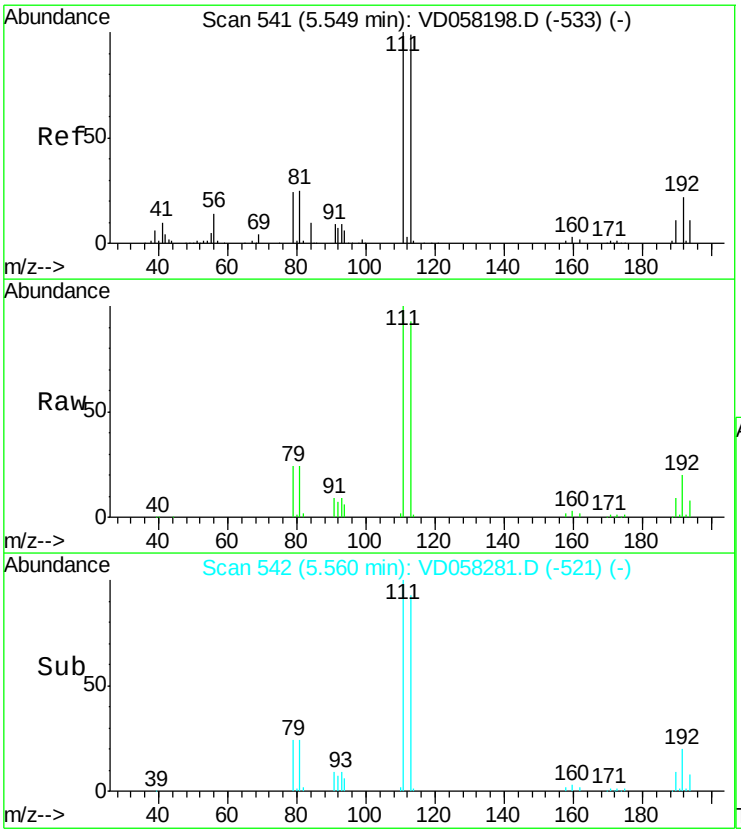
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-3

Tgt Ion:114 Resp: 833801

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.6
88	18.9	0.0	40.6

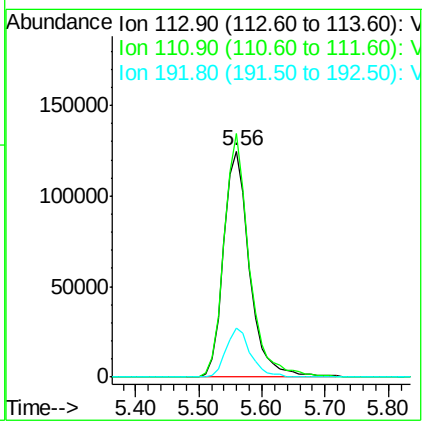


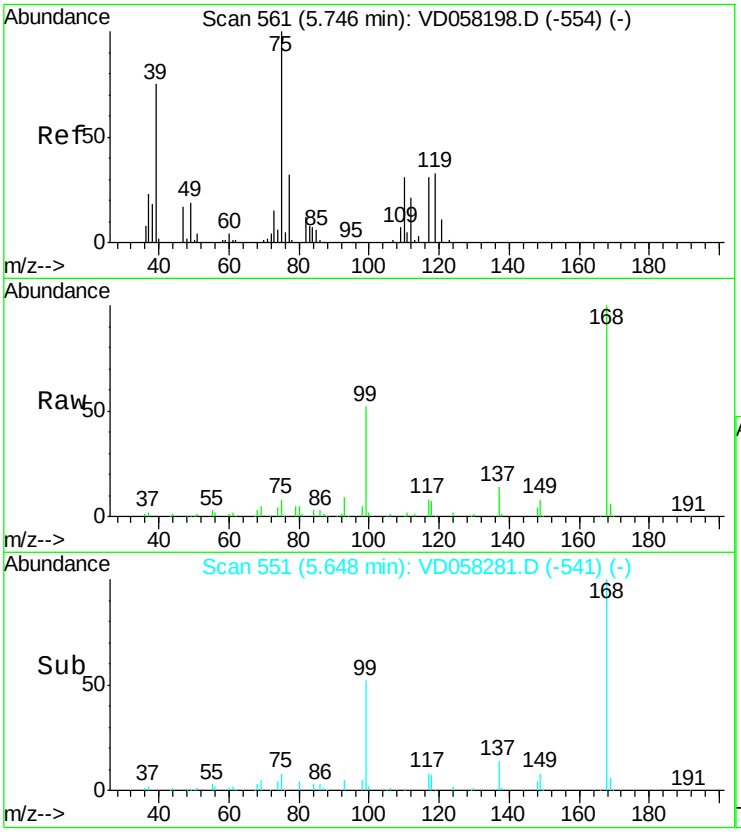


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion:113 Resp: 355955

Ion	Ratio	Lower	Upper
113	100		
111	107.7	80.6	121.0
192	21.8	17.8	26.6



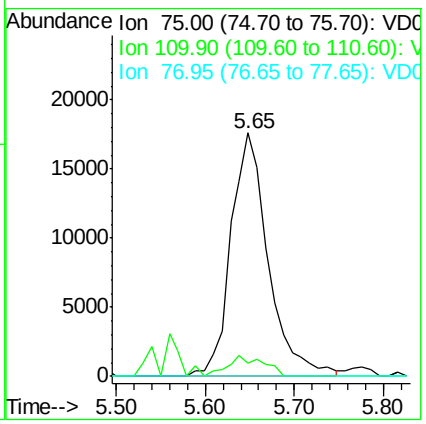


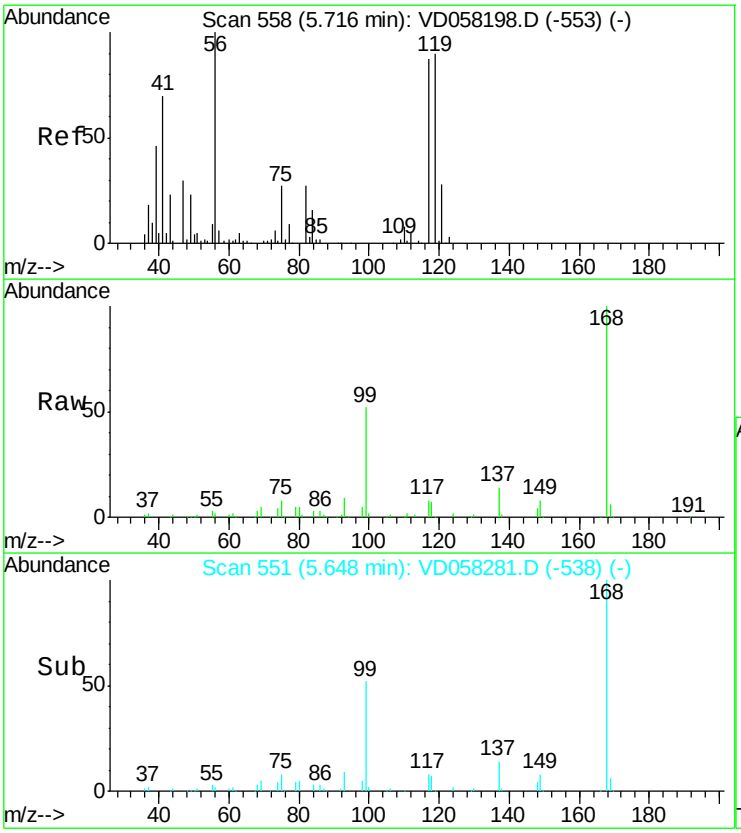
#36
1,1-Dichloropropene
Concen: 6.239 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.10 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-3

Tgt Ion: 75 Resp: 51462

Ion	Ratio	Lower	Upper
75	100		
110	5.3	15.4	46.4#
77	0.0	25.4	38.2#

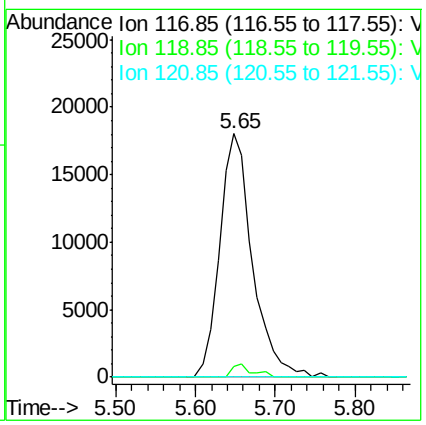


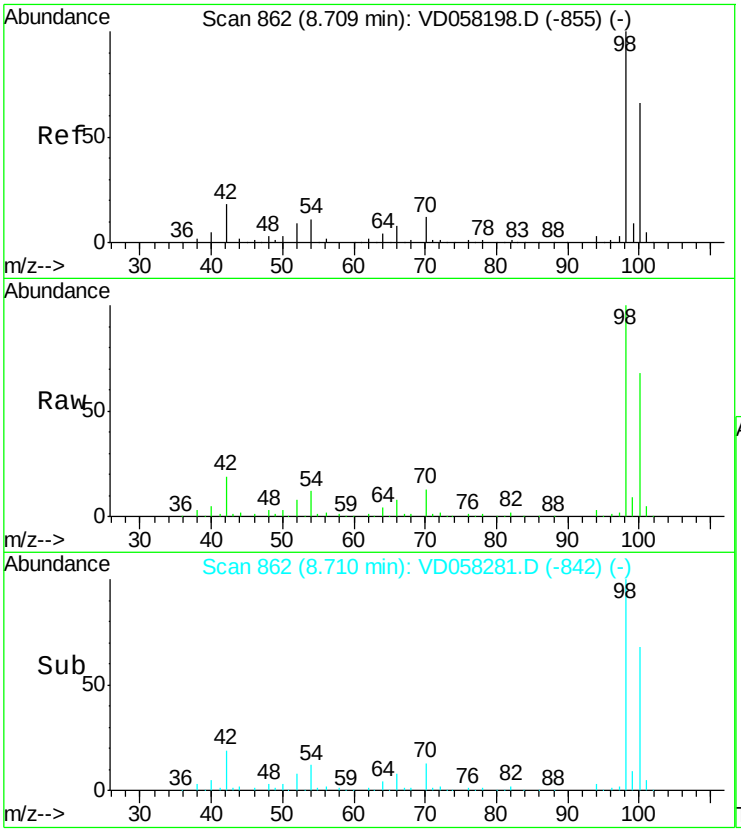


#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.07 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion:117 Resp: 51681

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.8	118.2#
121	0.0	25.0	37.6#



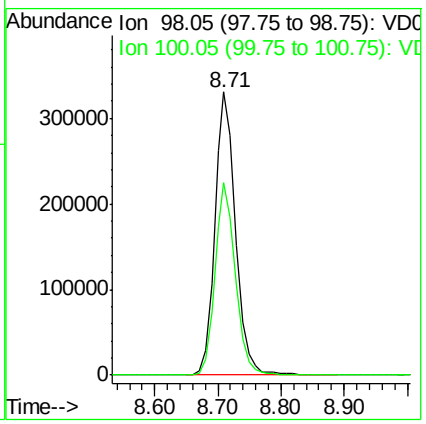


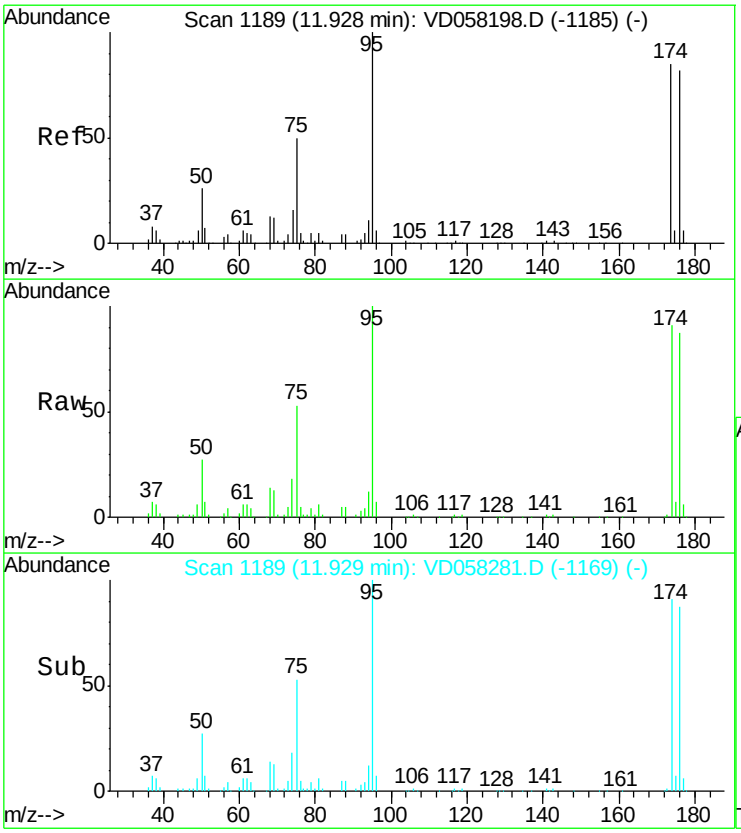
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-3

Tgt Ion: 98 Resp: 757355

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.6	80.4

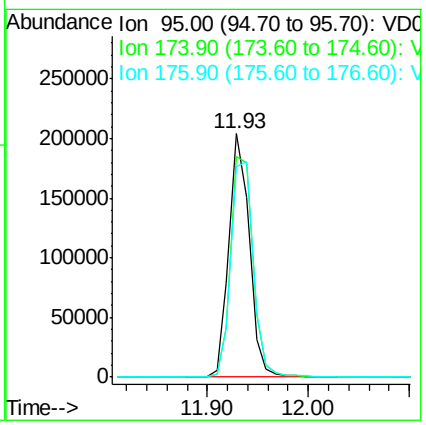


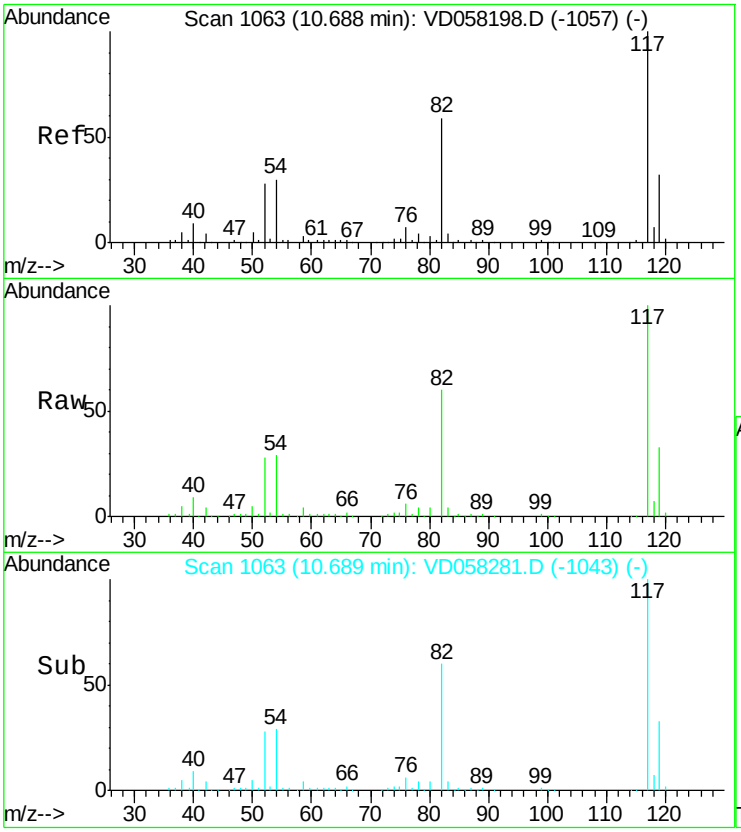


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 95 Resp: 284952

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	170.2
176	86.5	0.0	164.6



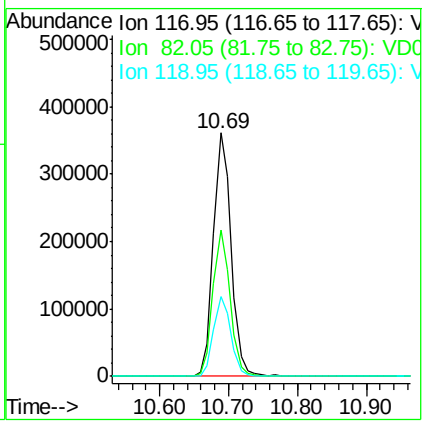


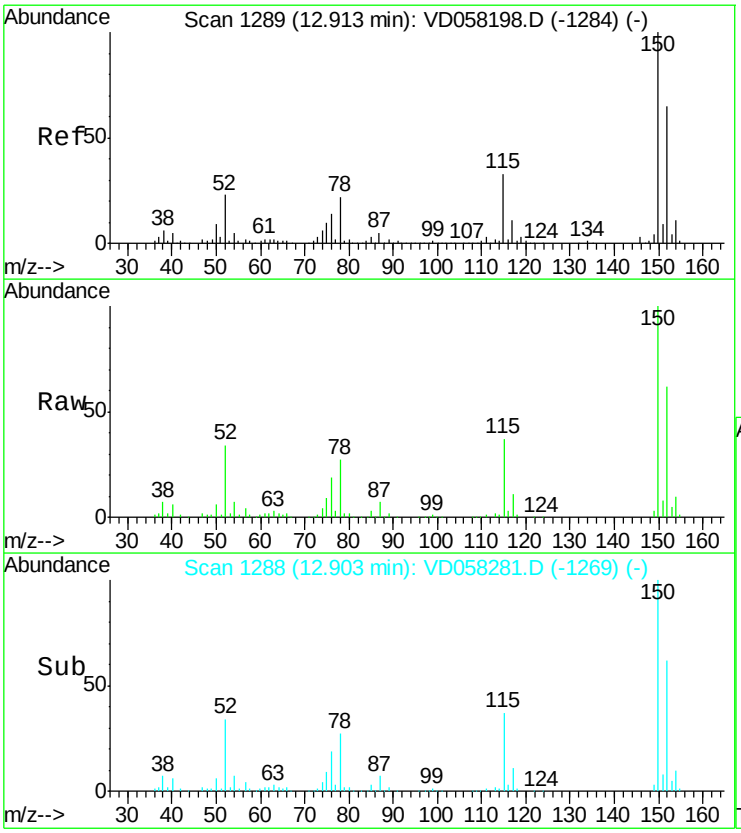
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument : MSVOA_D
ClientSampleId : HC-SOIL-3

Tgt Ion:117 Resp: 645628

Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.0	70.6
119	32.7	25.3	37.9

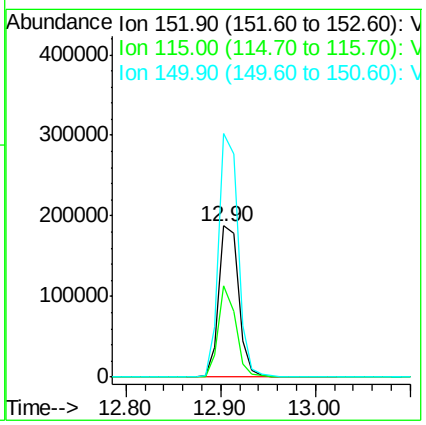


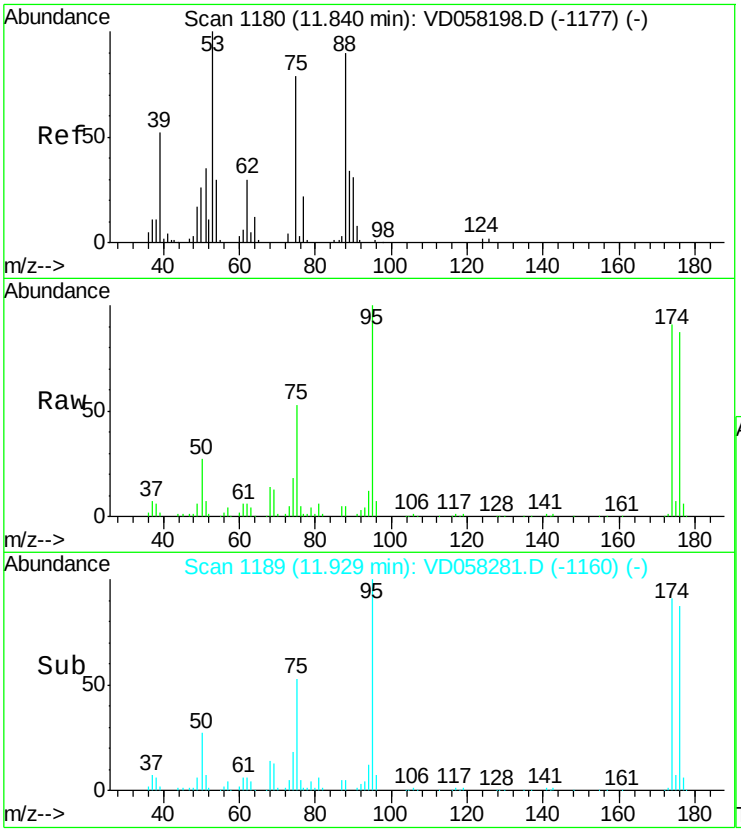


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion:152 Resp: 274039

Ion	Ratio	Lower	Upper
152	100		
115	59.9	25.1	75.3
150	160.8	0.0	308.8



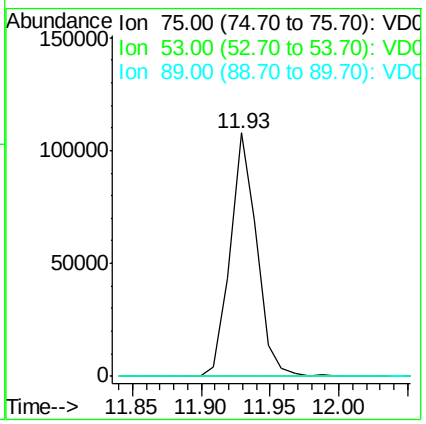


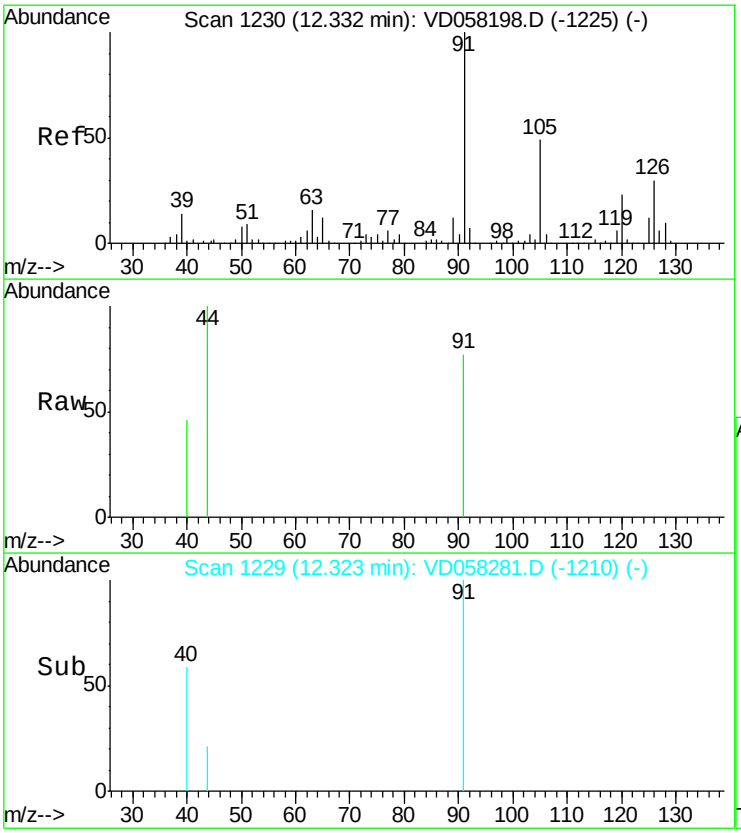
#81
trans-1,4-Dichloro-2-butene
Concen: 147.871 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-3

Tgt Ion: 75 Resp: 144297

Ion	Ratio	Lower	Upper
75	100		
53	0.0	100.8	151.2#
89	0.0	34.6	52.0#





#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VD058281.D
Acq: 22 Jun 2018 6:42

Tgt Ion: 91 Resp: 339

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.9#