Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057967.D
Acq On : 7 Jun 2018 12:57
Operator : JC/SY
Sample : VD0607SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0607SBL01

Quant Time: Jun 08 06:46:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	1105384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1366975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1128571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	591007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	500715	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.62%		
35) Dibromofluoromethane	5.55	113	529500	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.12%		
50) Toluene-d8	8.70	98	1239609	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.60%		
62) 4-Bromofluorobenzene	11.93	95	526293	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.96%		

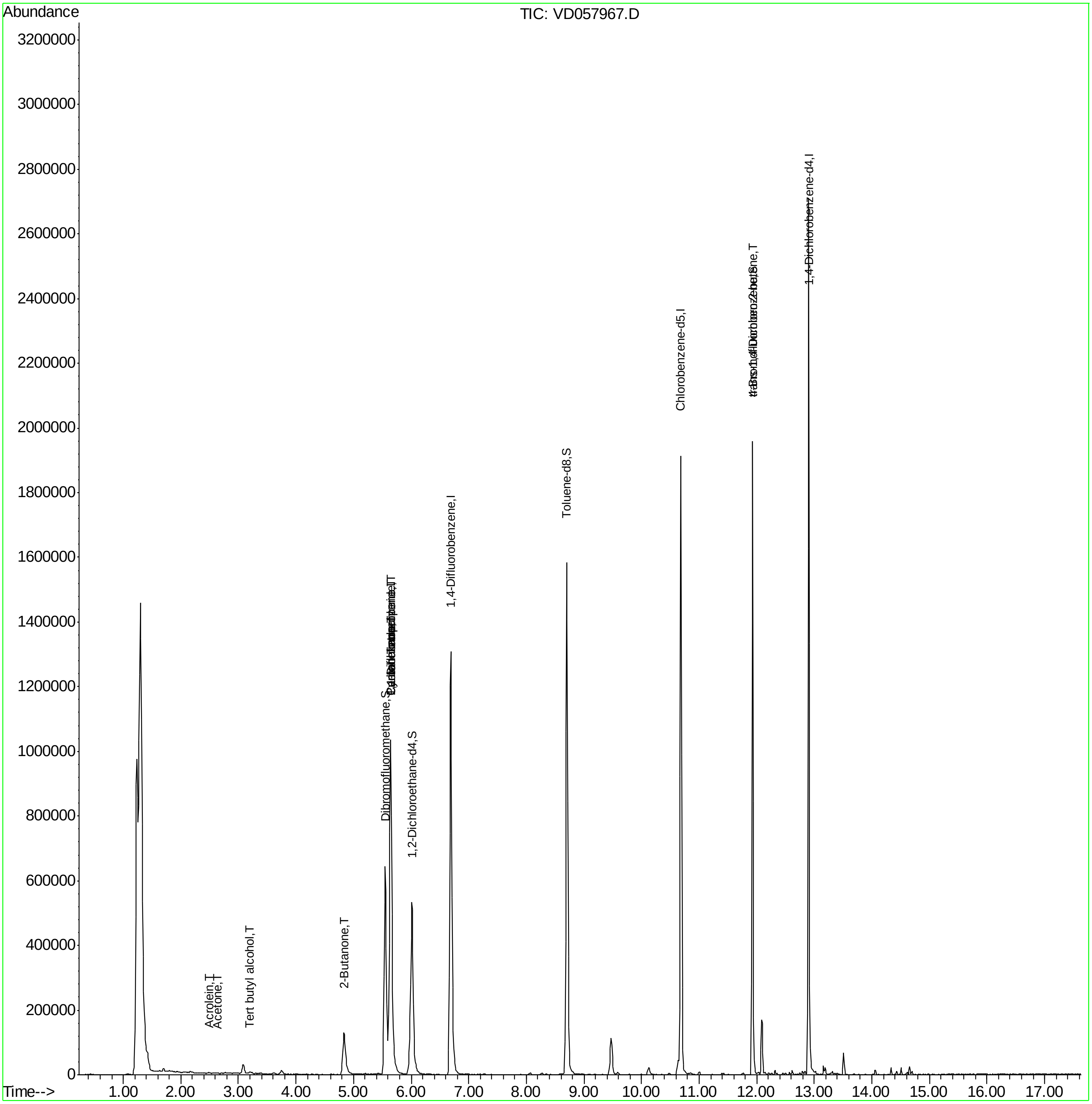
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.21	59	5655	19.102	ug/l #	74
13) Acrolein	2.49	56	483	1.139	ug/l #	16
16) Acetone	2.63	43	6545	4.111	ug/l #	57
20) Methylene Chloride	3.09	84	12414	Below Cal	#	86
25) 2-Butanone	4.84	43	11349	3.136	ug/l #	87
31) Cyclohexane	5.64	56	27375	1.425	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	95079	6.313	ug/l #	51
38) Carbon Tetrachloride	5.64	117	94532	6.369	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.93	75	255361	116.132	ug/l #	6
82) 4-Chlorotoluene	12.32	91	5579	Below Cal		88
89) n-Butylbenzene	13.19	91	3659	Below Cal		69

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

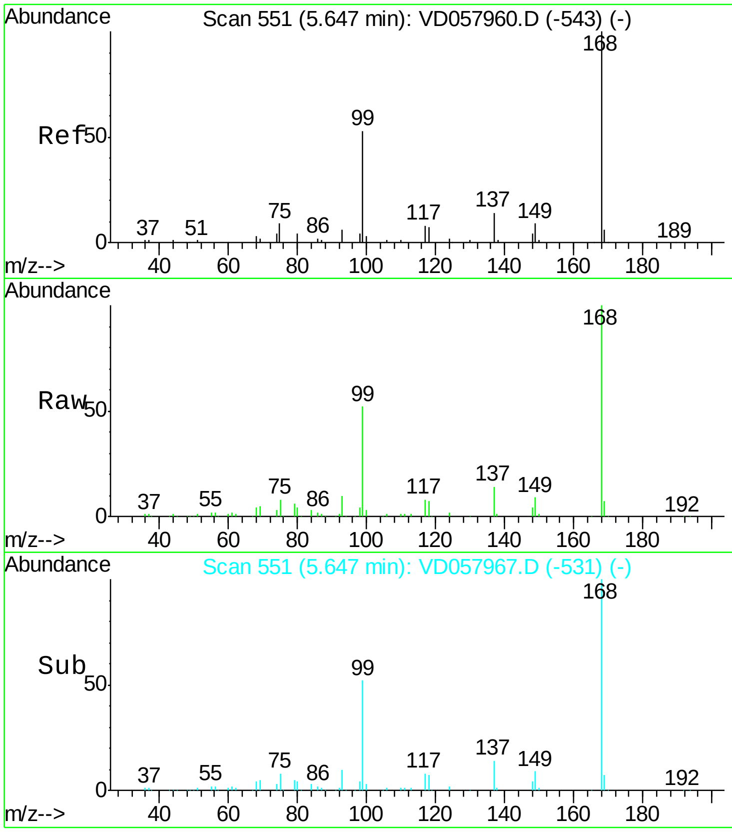
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057967.D
Acq On   : 7 Jun 2018 12:57
Operator : JC/SY
Sample   : VD0607SBL01
Misc   : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 27   Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Quant Time: Jun 08 06:46:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration



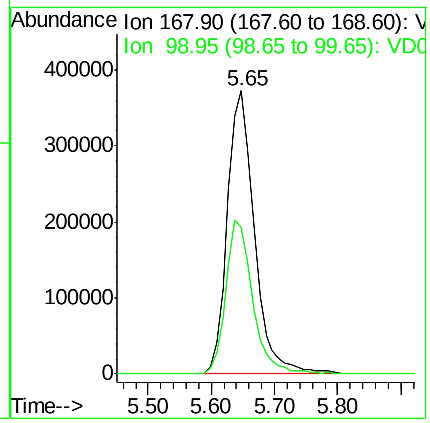
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

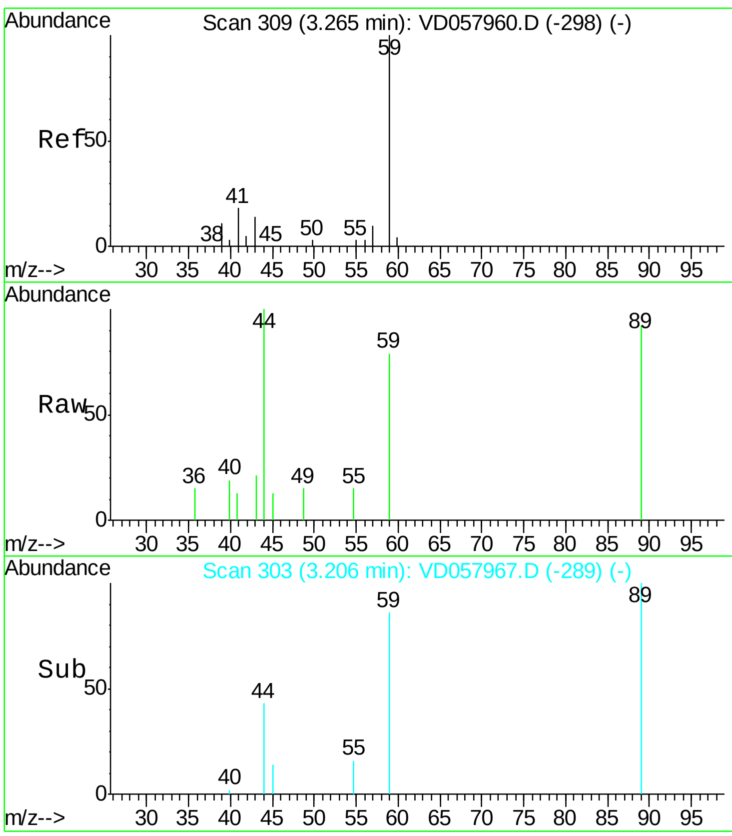


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T.   0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion:168 Resp: 1105384

Ion	Ratio	Lower	Upper
168	100		
99	51.6	46.8	70.2

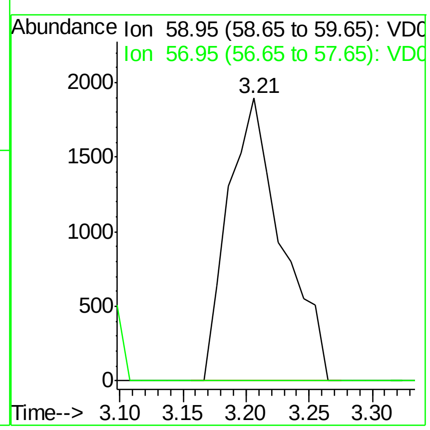


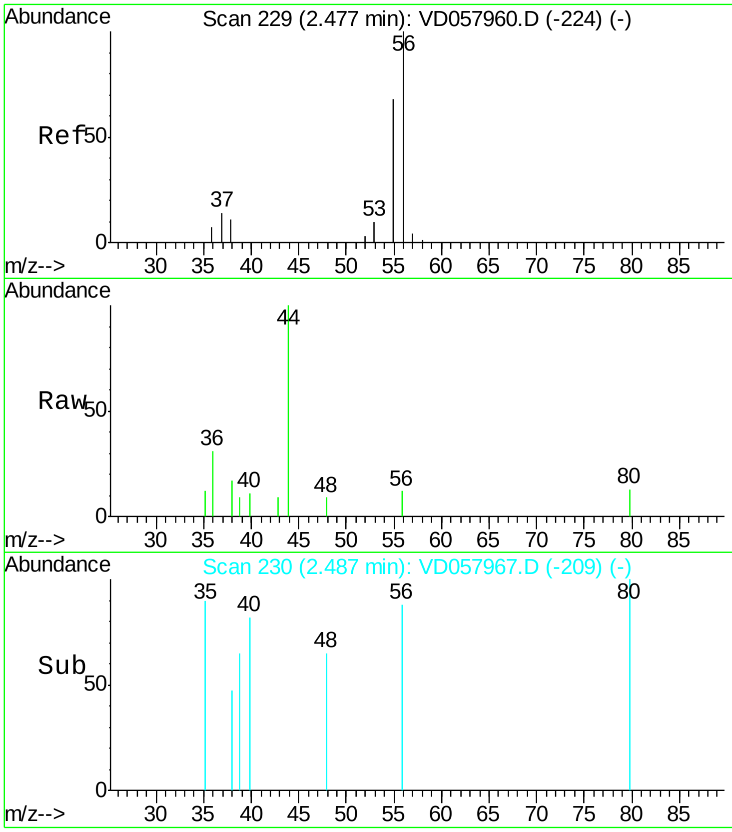


#11
Tert butyl alcohol
Concen: 19.102 ug/l
RT: 3.21 min Scan# 303
Delta R.T.   -0.06 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion: 59 Resp: 5655

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



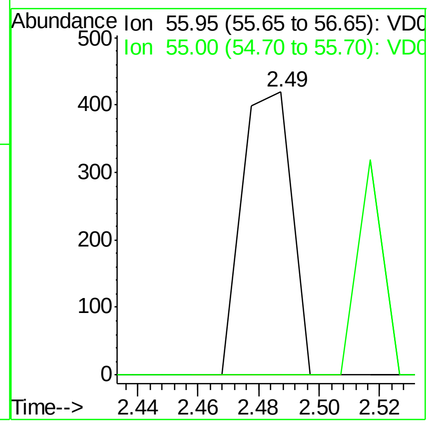


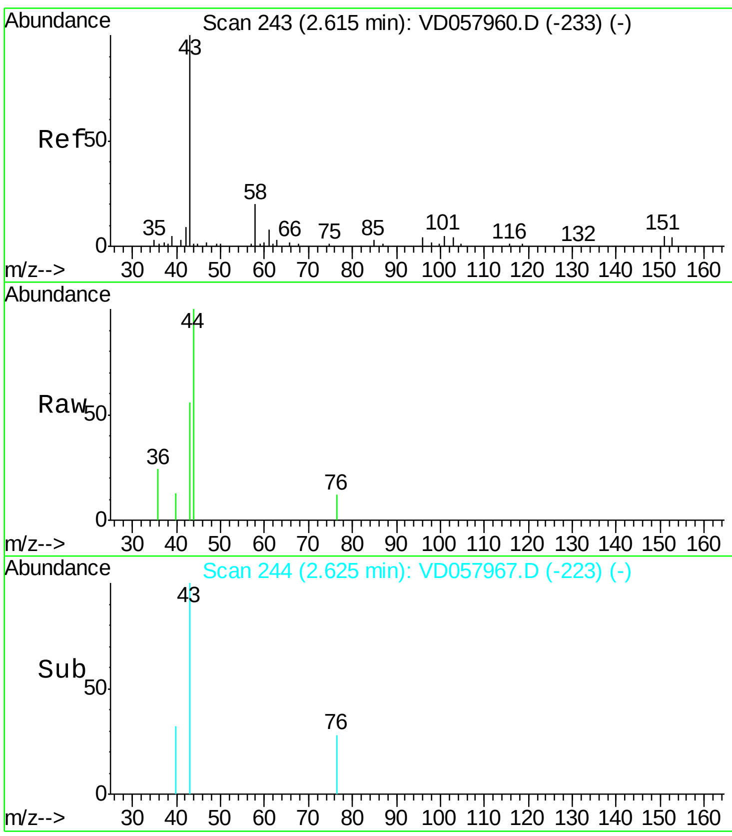
#13
Acrolein
Concen: 1.139 ug/l
RT: 2.49 min   Scan# 230
Delta R.T.   0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018   12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion: 56 Resp: 483

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.0	81.0#

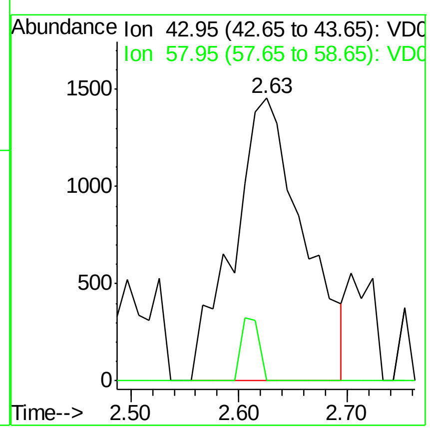


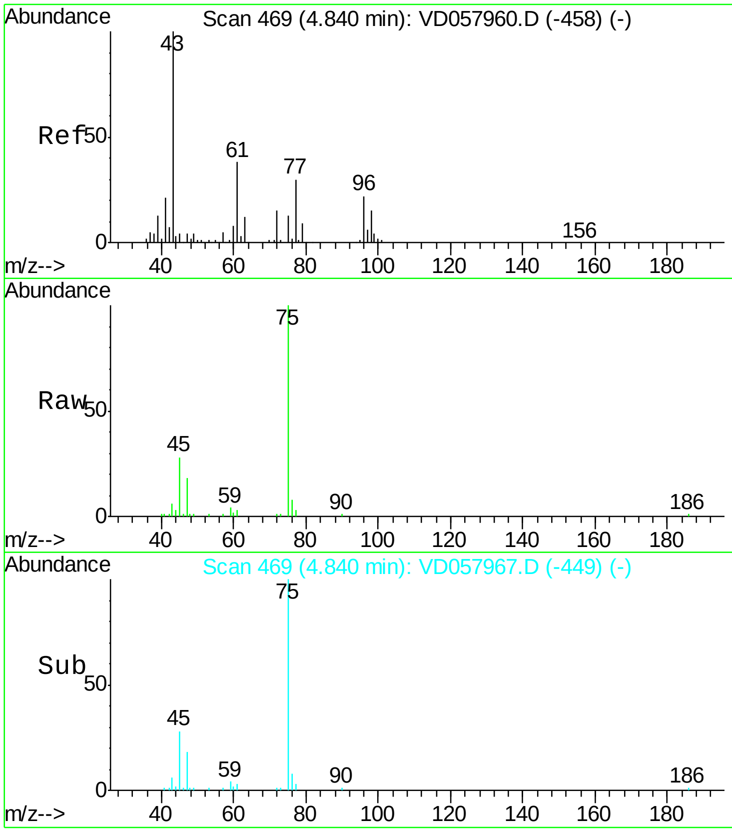


#16
Acetone
Concen: 4.111 ug/l
RT: 2.63 min   Scan# 244
Delta R.T.   0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018   12:57

Tgt Ion: 43 Resp: 6545

Ion	Ratio	Lower	Upper
43	100		
58	0.0	15.8	23.8#

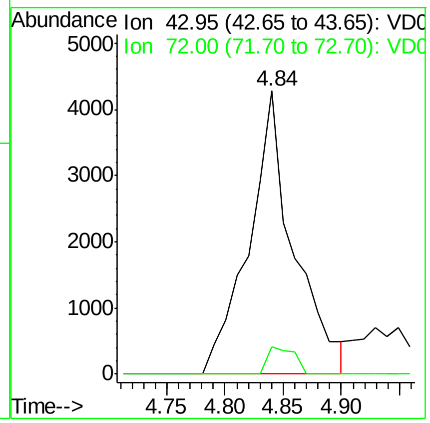


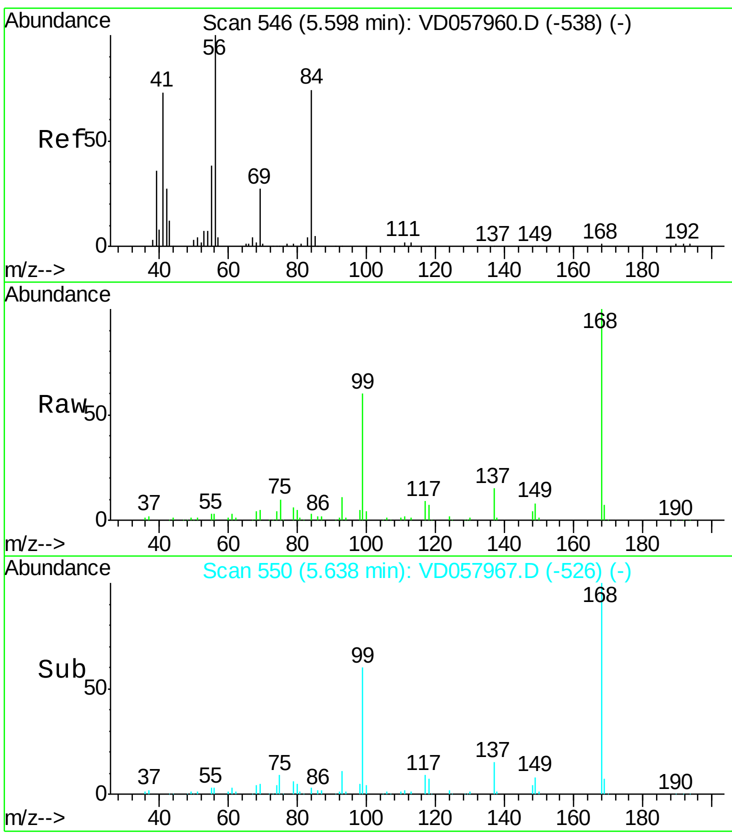


#25
2-Butanone
Concen: 3.136 ug/l
RT: 4.84 min Scan# 469
Delta R.T.   0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018   12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

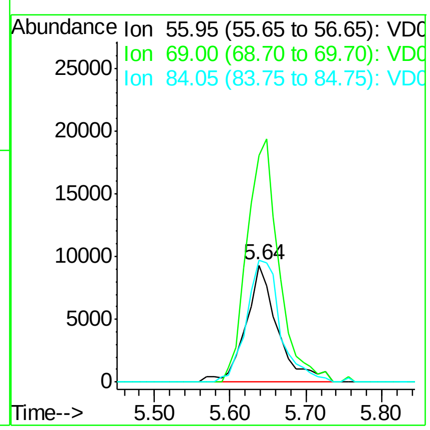
Tgt Ion: 43	Resp:		11349
Ion	Ratio	Lower	Upper
43	100		
72	9.7	12.0	18.0#

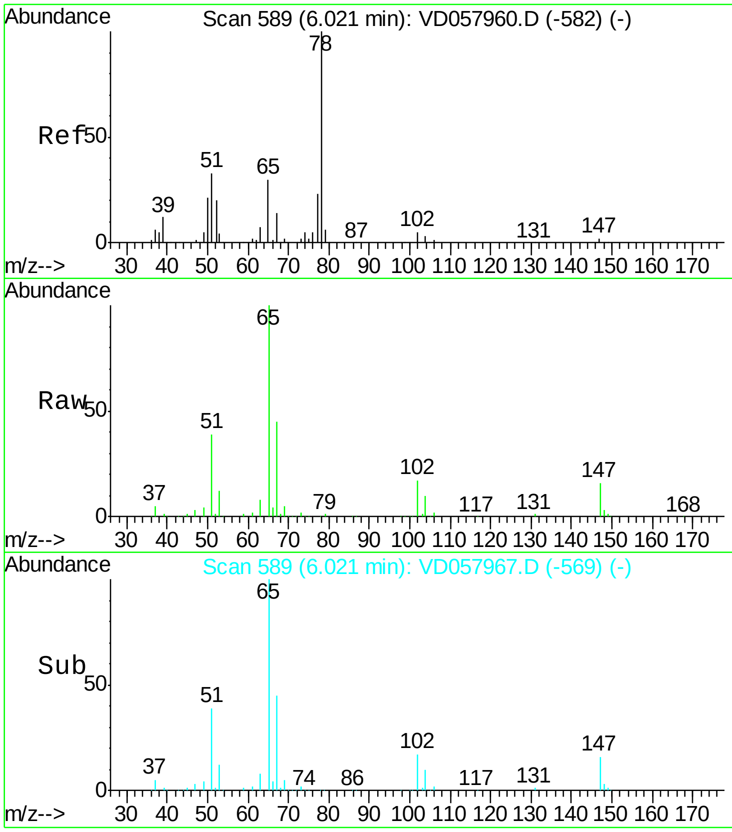




#31
Cyclohexane
Concen: 1.425 ug/l
RT: 5.64 min Scan# 550
Delta R.T.   0.04 min
Lab File: VD057967.D
Acq: 7 Jun 2018   12:57

Tgt Ion: 56	Resp:		27375
Ion	Ratio	Lower	Upper
56	100		
69	194.3	21.5	32.3#
84	104.1	61.0	91.6#



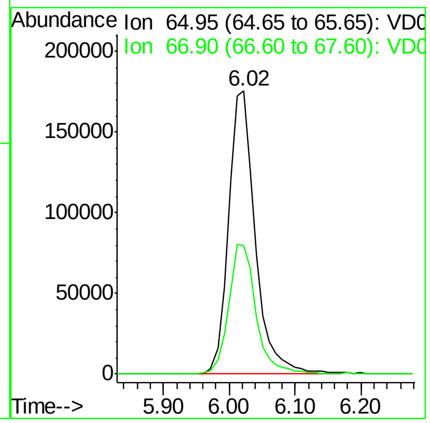


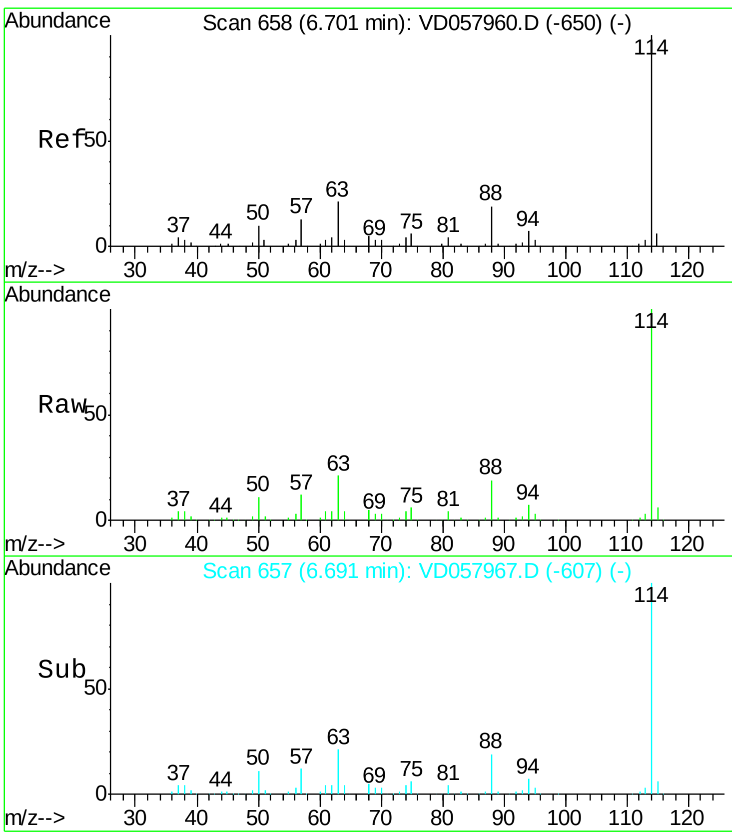
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.02 min   Scan# 589
Delta R.T.   0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018   12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion: 65 Resp: 500715

Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	94.0

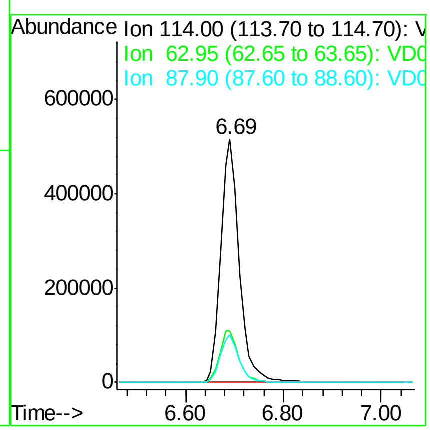


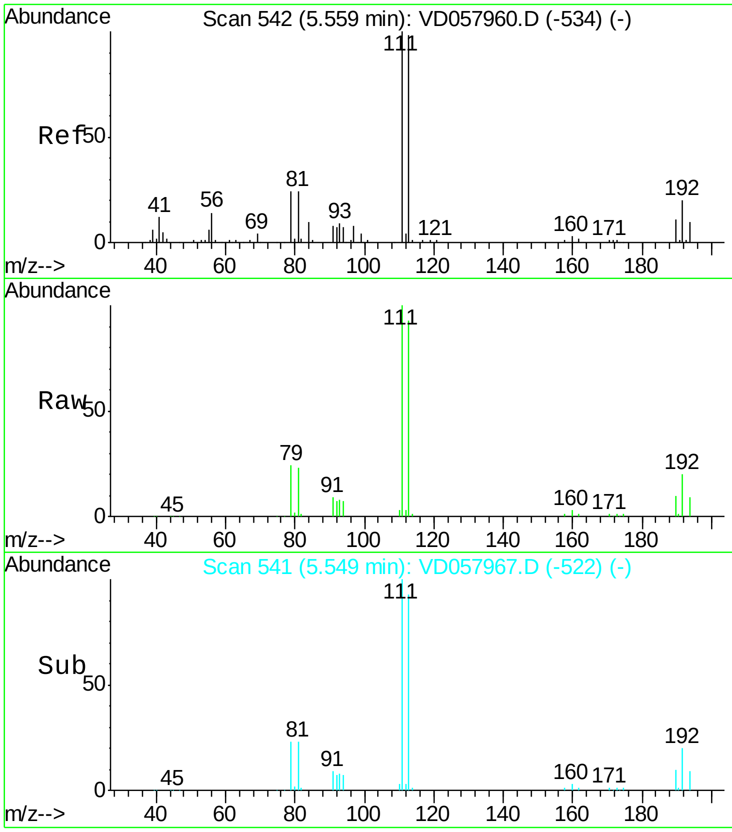


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min   Scan# 657
Delta R.T.   -0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018   12:57

Tgt Ion:114 Resp: 1366975

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.8
88	19.5	0.0	37.8



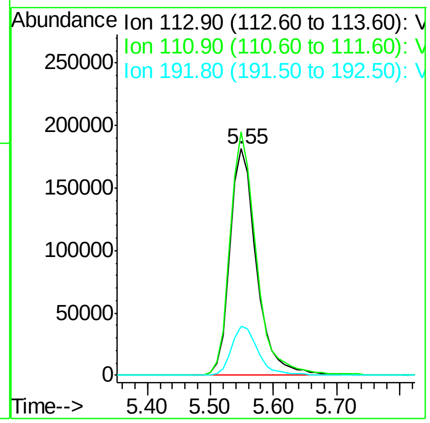


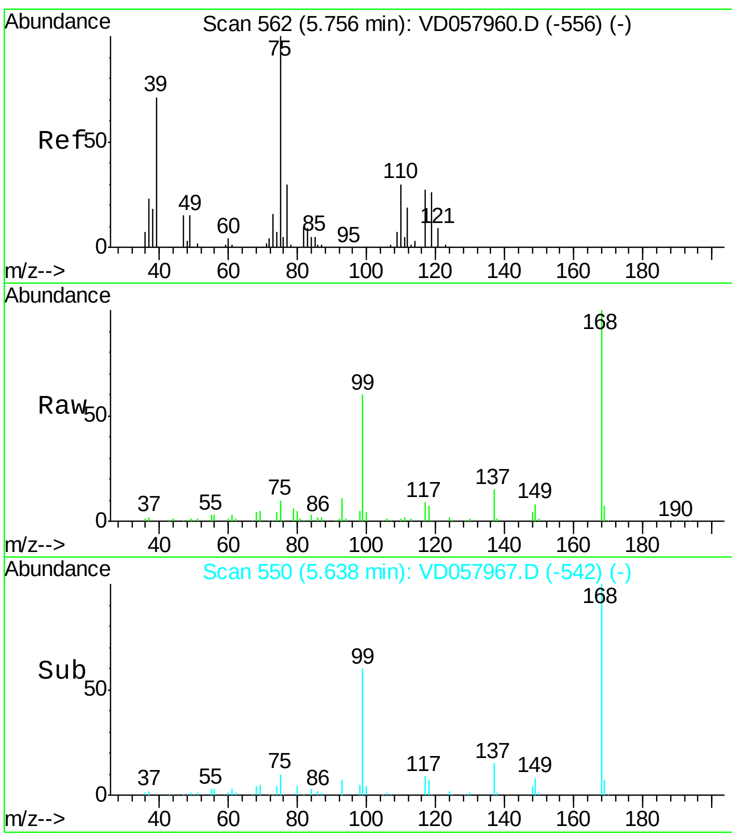
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion:113 Resp: 529500

Ion	Ratio	Lower	Upper
113	100		
111	107.5	81.5	122.3
192	21.6	16.4	24.6

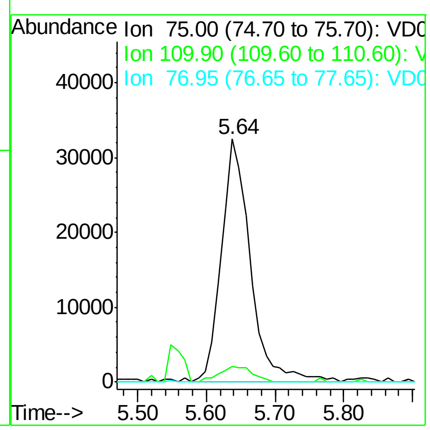


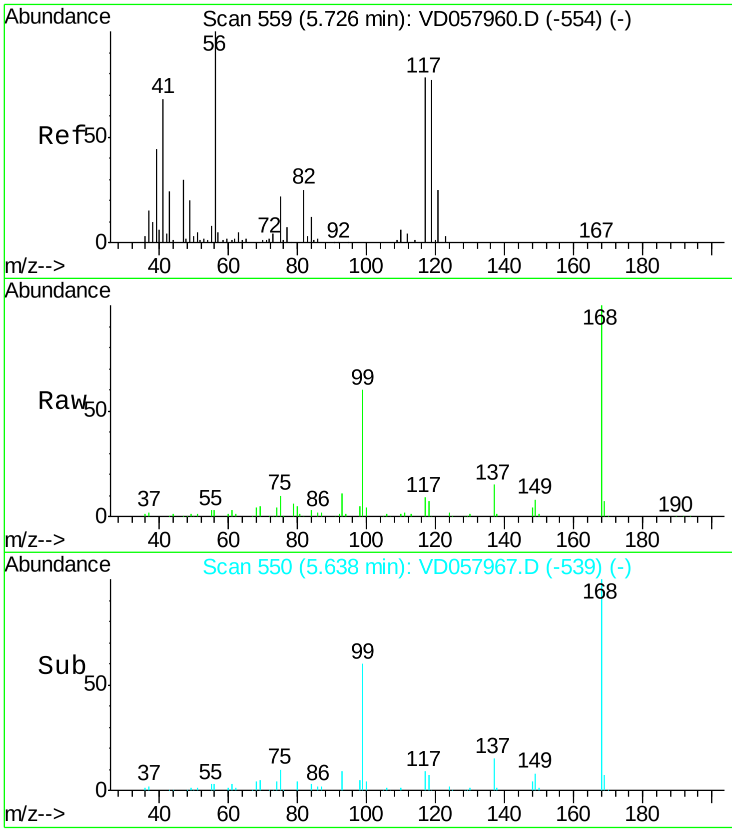


#36
1,1-Dichloropropene
Concen: 6.313 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.12 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion: 75 Resp: 95079

Ion	Ratio	Lower	Upper
75	100		
110	6.5	14.8	44.3#
77	0.0	23.9	35.9#



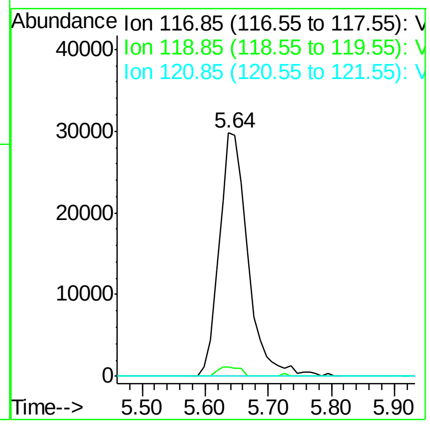


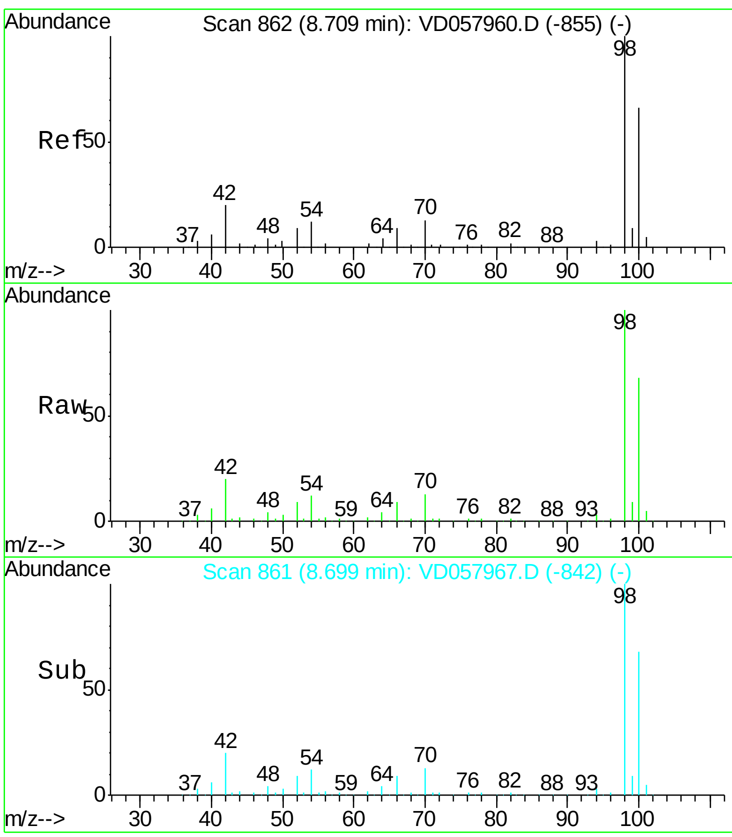
#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.09 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion:117 Resp: 94532

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	24.9	37.3#

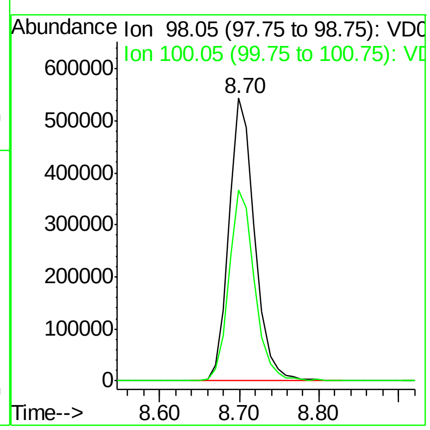


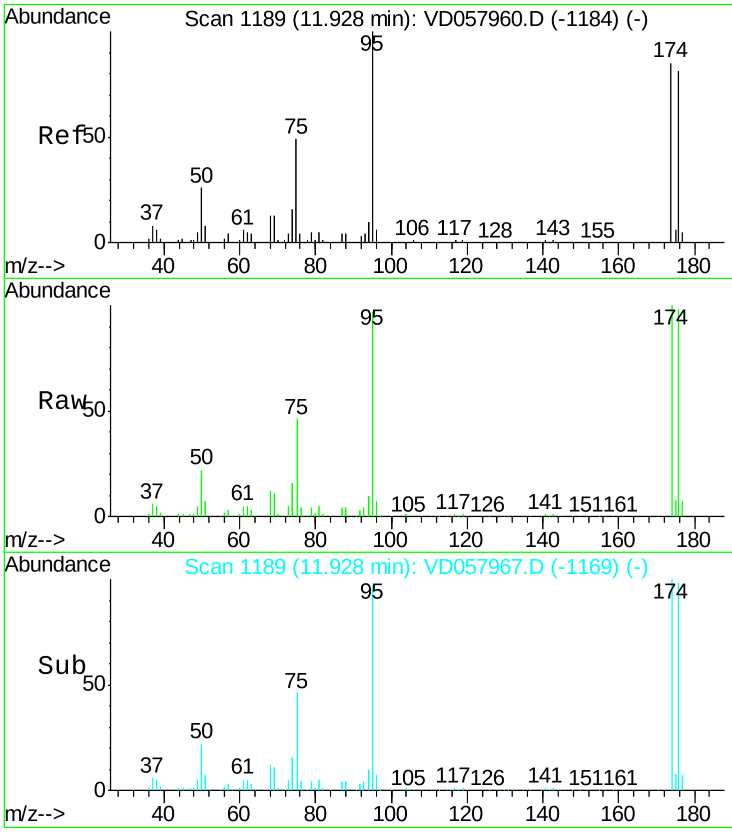


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion: 98 Resp: 1239609

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.0



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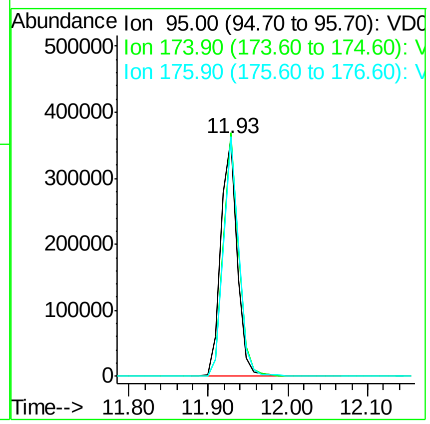
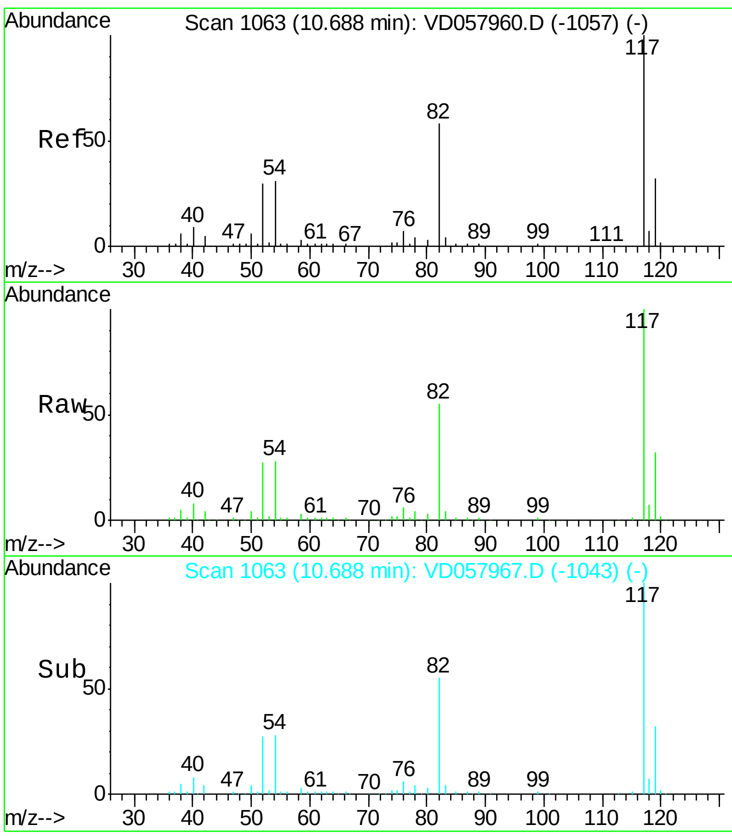
#62
4-Bromofluorobenzene
Concen:    N.D. ug/l
RT: 11.93 min   Scan# 1189
Delta R.T.    0.00 min
Lab File:   VD057967.D
Acq:  7 Jun 2018   12:57

Tgt Ion: 95 Resp:   526293
Ion  Ratio  Lower  Upper
 95  100
174  102.6    0.0  169.4
176  100.9    0.0  162.6
```

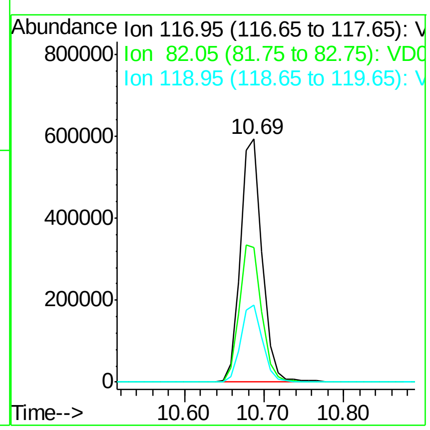
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

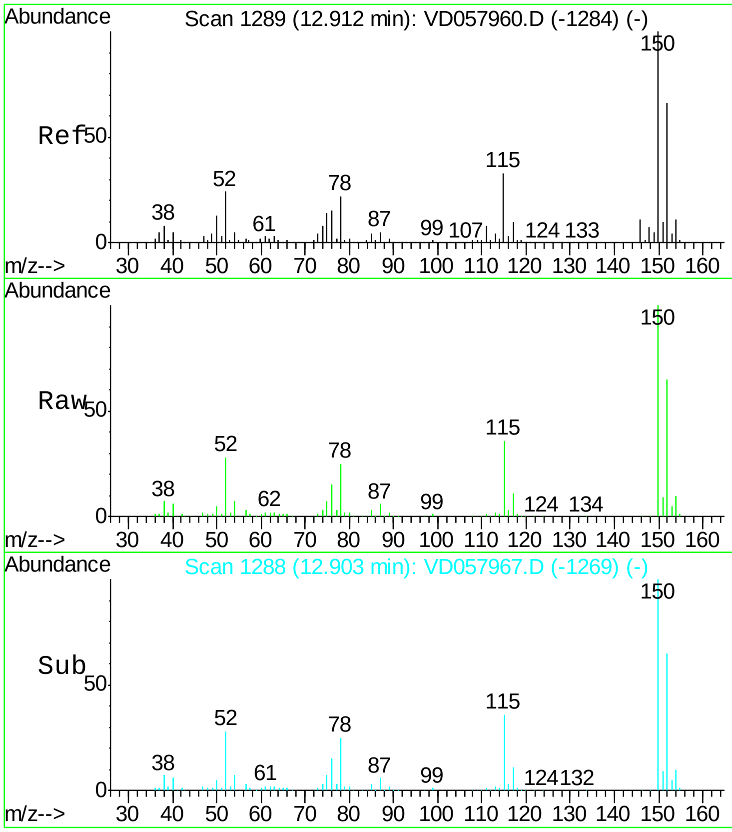





```
#63
Chlorobenzene-d5
Concen:    50.000 ug/l
RT: 10.69 min   Scan# 1063
Delta R.T.    0.00 min
Lab File:   VD057967.D
Acq:  7 Jun 2018   12:57

Tgt Ion:117 Resp:  1128571
Ion  Ratio  Lower  Upper
117  100
 82   55.3   46.8   70.2
119   31.9   25.8   38.6
```



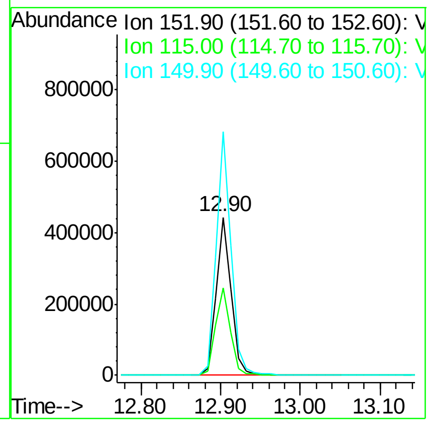


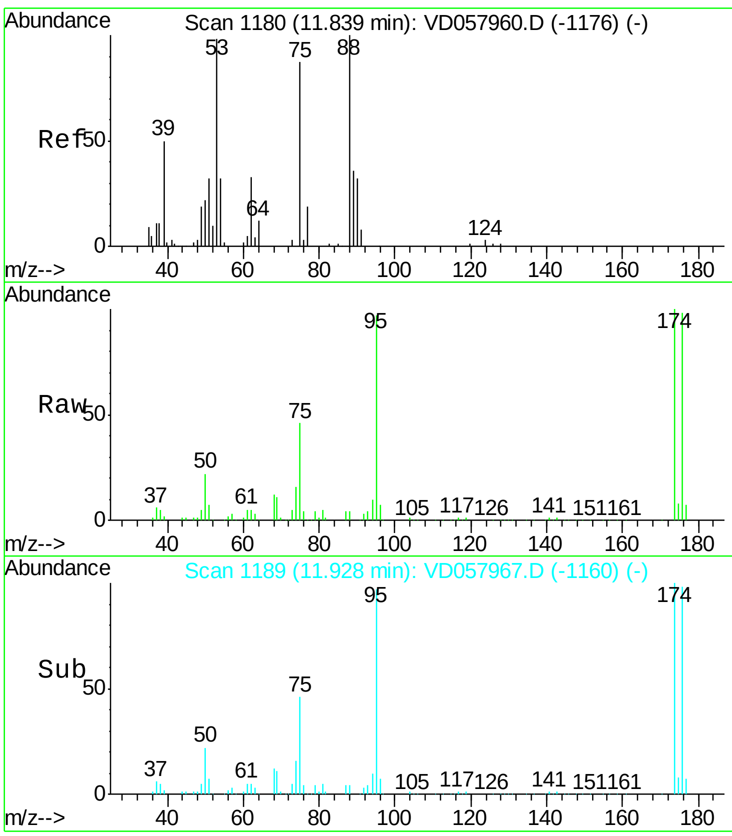
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Instrument : MSVOA_D
ClientSampleId : VD0607SBL01

Tgt Ion:152 Resp: 591007

Ion	Ratio	Lower	Upper
152	100		
115	55.6	25.6	76.6
150	154.2	0.0	306.8

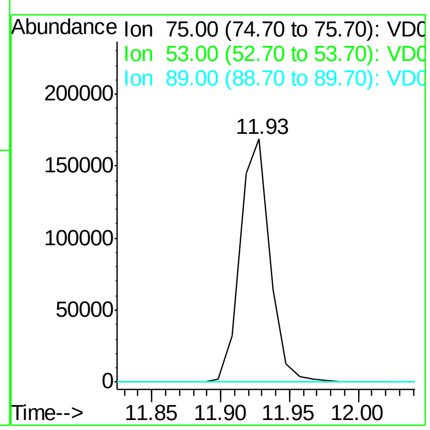


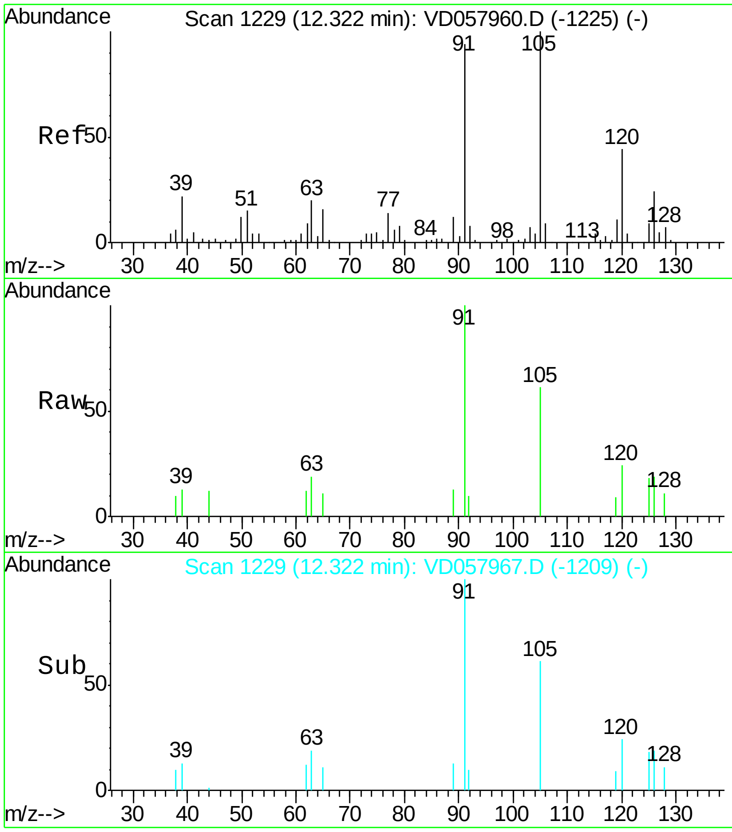


#81
trans-1,4-Dichloro-2-butene
Concen: 116.132 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion: 75 Resp: 255361

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#



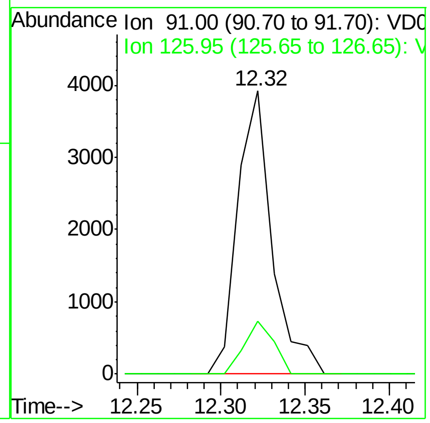


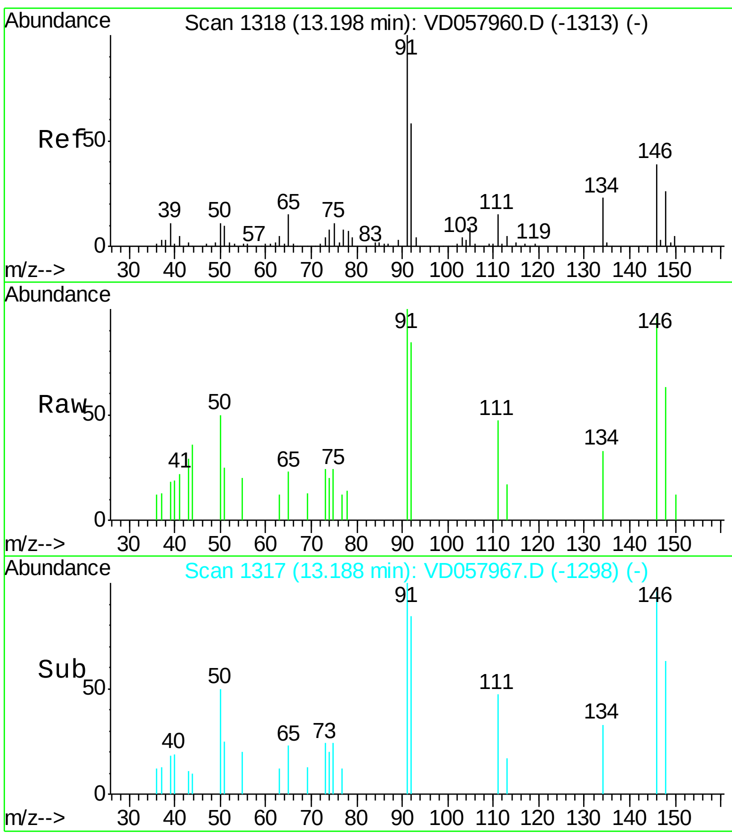
#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion: 91 Resp: 5579

Ion	Ratio	Lower	Upper
91	100		
126	18.8	12.5	37.5





#89
n-Butylbenzene
Concen: Below Cal
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD057967.D
Acq: 7 Jun 2018 12:57

Tgt Ion: 91 Resp: 3659

Ion	Ratio	Lower	Upper
91	100		
92	84.5	29.2	87.6
134	33.2	11.3	33.9