Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057997.D
Acq On : 8 Jun 2018 5:00
Operator : JC/SY
Sample : J3329-06RE
Misc : 5.99g/5ml/MSVOA_D/SOIL
ALS Vial : 61 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MH-34(0-5)RE

Quant Time: Jun 08 06:55:21 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	5.64	168	47450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	80336	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	83596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	46866	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	59199	124.79	ug/l	-0.01
Spiked Amount 50.000			Recovery = 249.58%			
35) Dibromofluoromethane	5.55	113	41850	67.33	ug/l	-0.01
Spiked Amount 50.000			Recovery = 134.66%			
50) Toluene-d8	8.71	98	73672	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.70%			
62) 4-Bromofluorobenzene	11.92	95	41407	64.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 128.46%			
Target Compounds						Qvalue
3) Chloromethane	1.38	50	1183	3.772	ug/l #	41
5) Bromomethane	1.85	94	201	1.689	ug/l #	3
11) Tert butyl alcohol	3.23	59	597	46.978	ug/l #	74
13) Acrolein	2.53	56	204	11.209	ug/l #	16
16) Acetone	2.61	43	3898	57.034	ug/l	99
18) Methyl Acetate	2.93	43	1207	9.129	ug/l #	66
20) Methylene Chloride	3.06	84	251	Below Cal	#	1
25) 2-Butanone	4.84	43	2700	17.383	ug/l #	64
26) 2,2-Dichloropropane	4.84	77	1287	1.635	ug/l #	59
29) Tetrahydrofuran	5.19	42	211	2.591	ug/l #	39
38) Carbon Tetrachloride	5.63	117	4714	5.404	ug/l #	12
81) trans-1,4-Dichloro-2-buten	11.92	75	20022	114.826	ug/l #	6
82) 4-Chlorotoluene	12.32	91	274	Below Cal	#	50
89) n-Butylbenzene	13.19	91	541	Below Cal	#	30

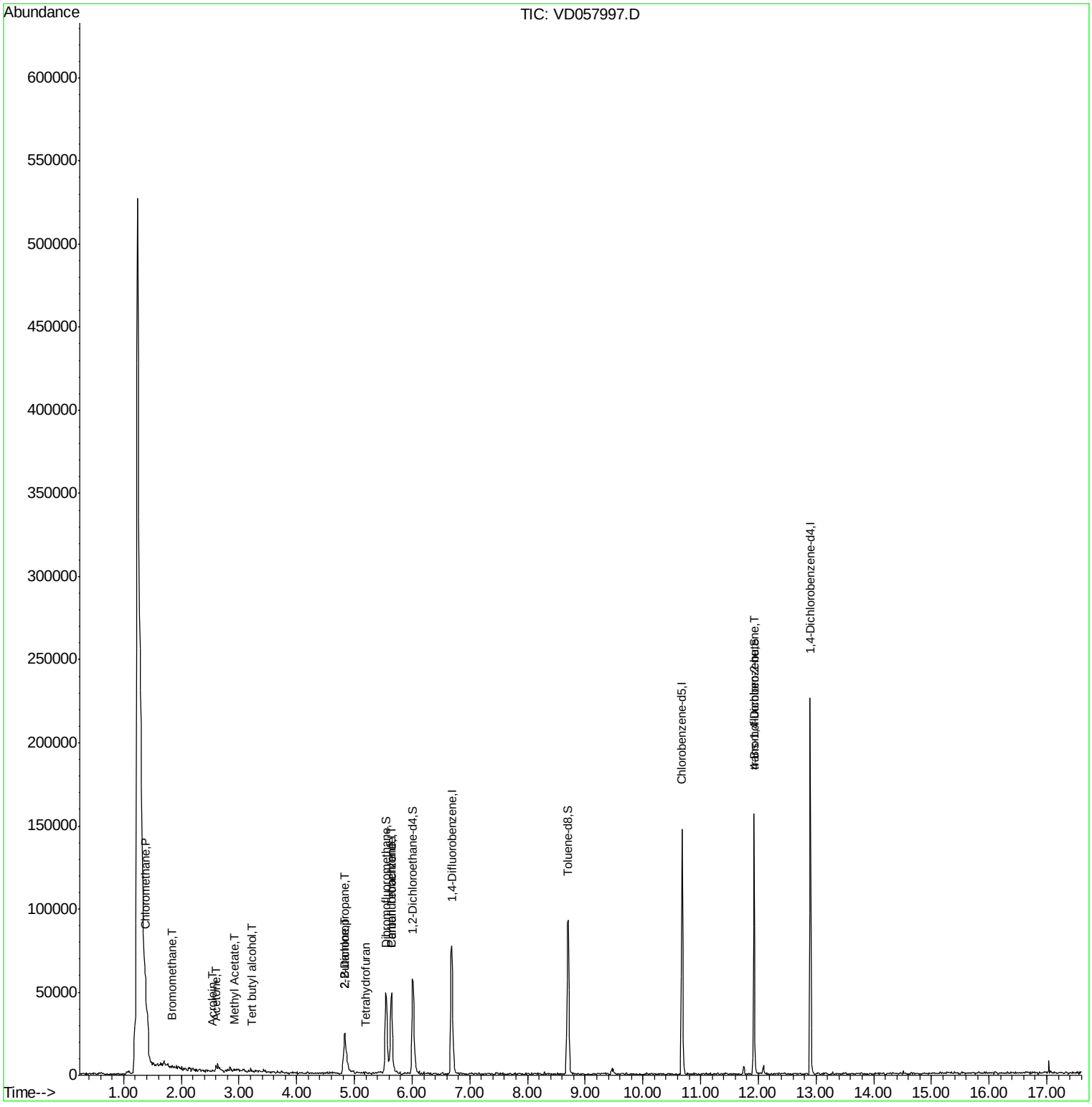
(#) = qualifier out of range (m) = manual integration (+) = signals summed

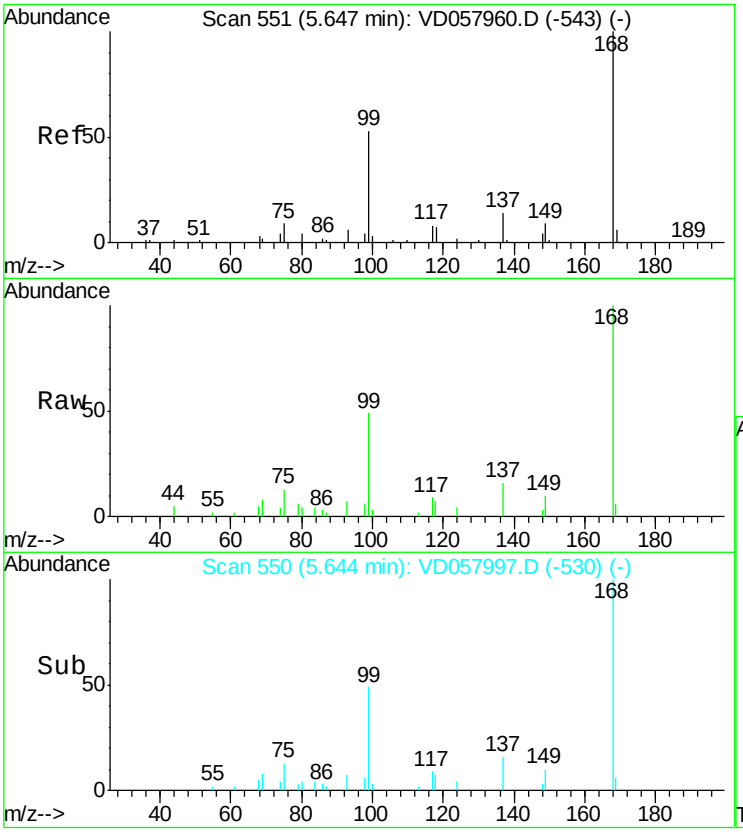
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057997.D
Acq On : 8 Jun 2018 5:00
Operator : JC/SY
Sample : J3329-06RE
Misc : 5.99g/5ml/MSVOA_D/SOIL
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Quant Time: Jun 08 06:55:21 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



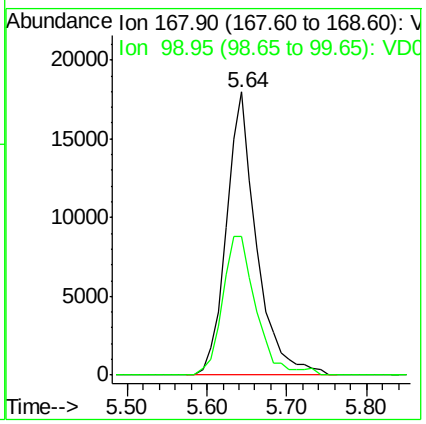


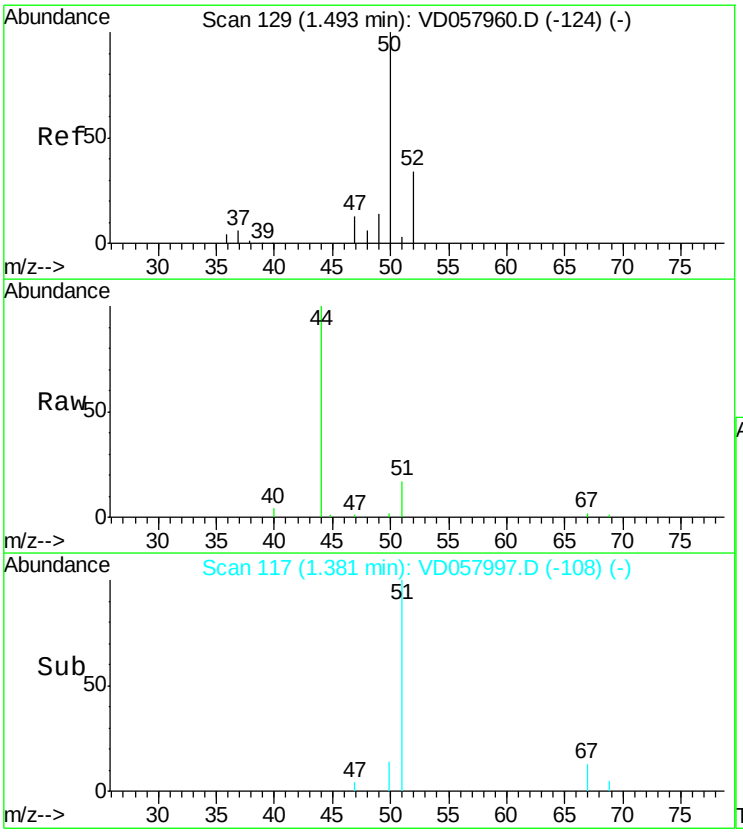
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion:168 Resp: 47450

Ion	Ratio	Lower	Upper
168	100		
99	49.0	46.8	70.2

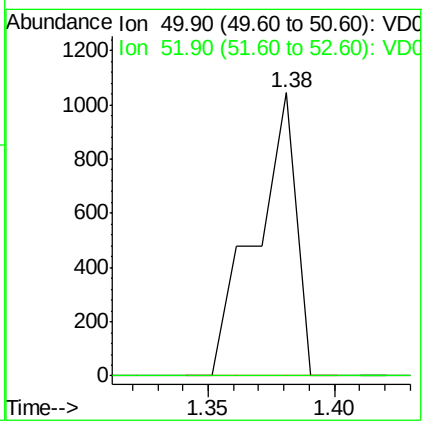


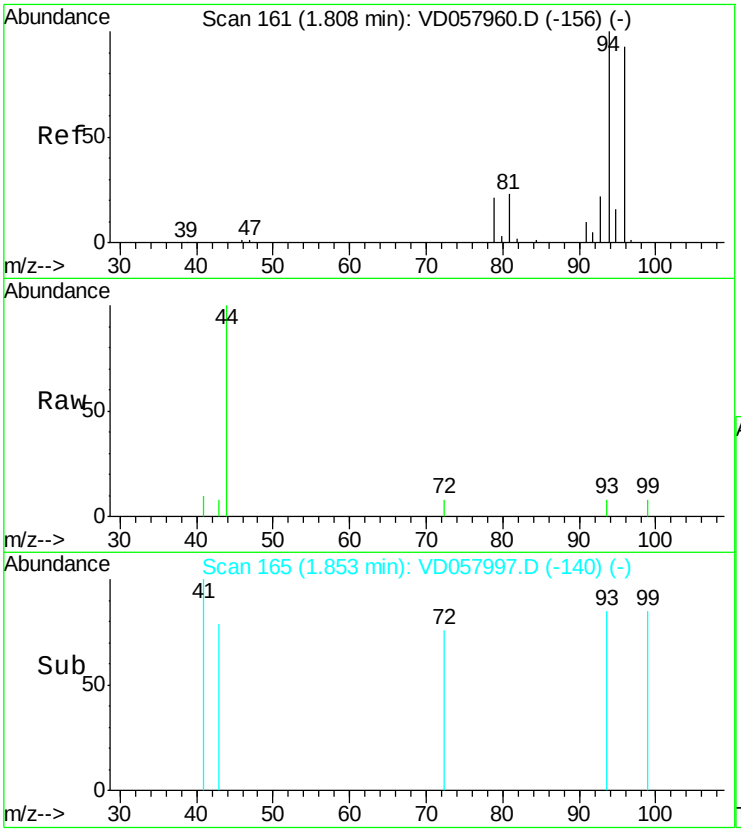


#3
Chloromethane
Concen: 3.772 ug/l
RT: 1.38 min Scan# 117
Delta R.T. -0.11 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 50 Resp: 1183

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.2	40.8#



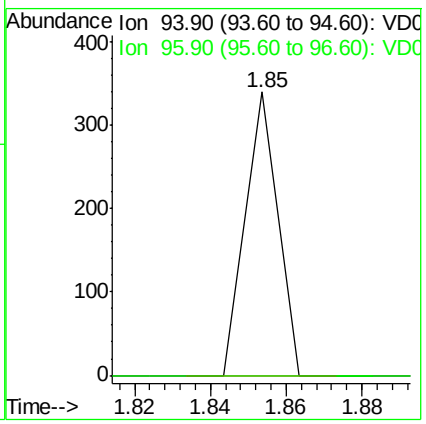


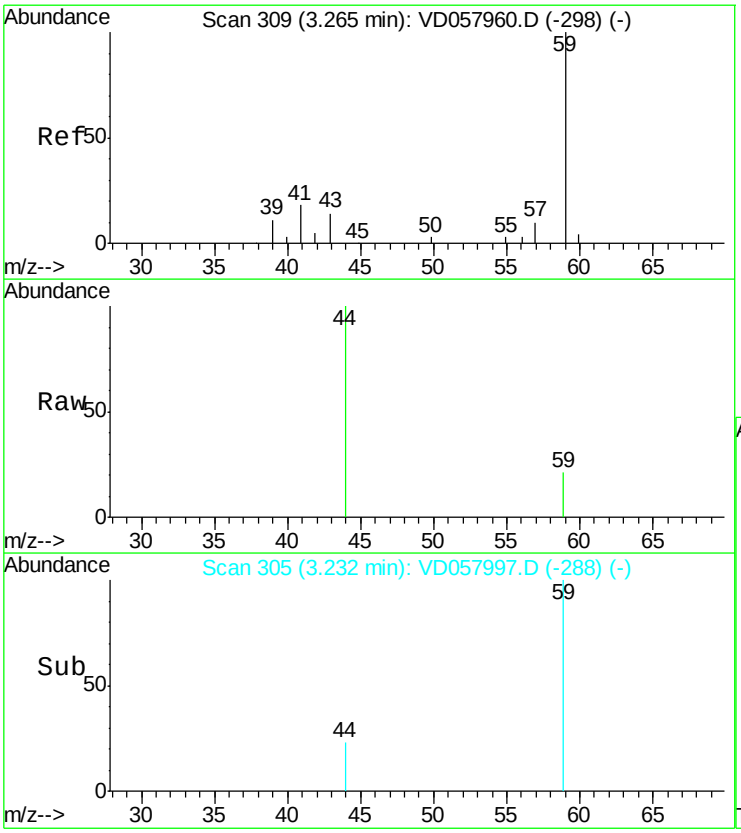
#5
Bromomethane
Concen: 1.689 ug/l
RT: 1.85 min Scan# 165
Delta R.T. 0.05 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 94 Resp: 201

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.3	111.5#

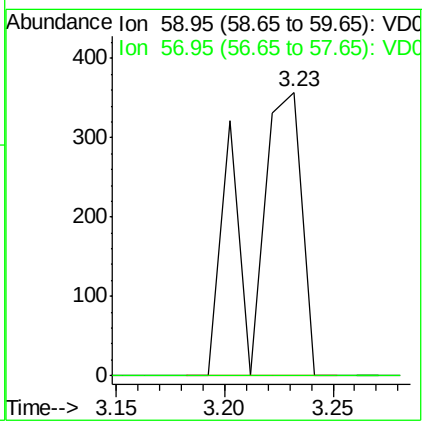


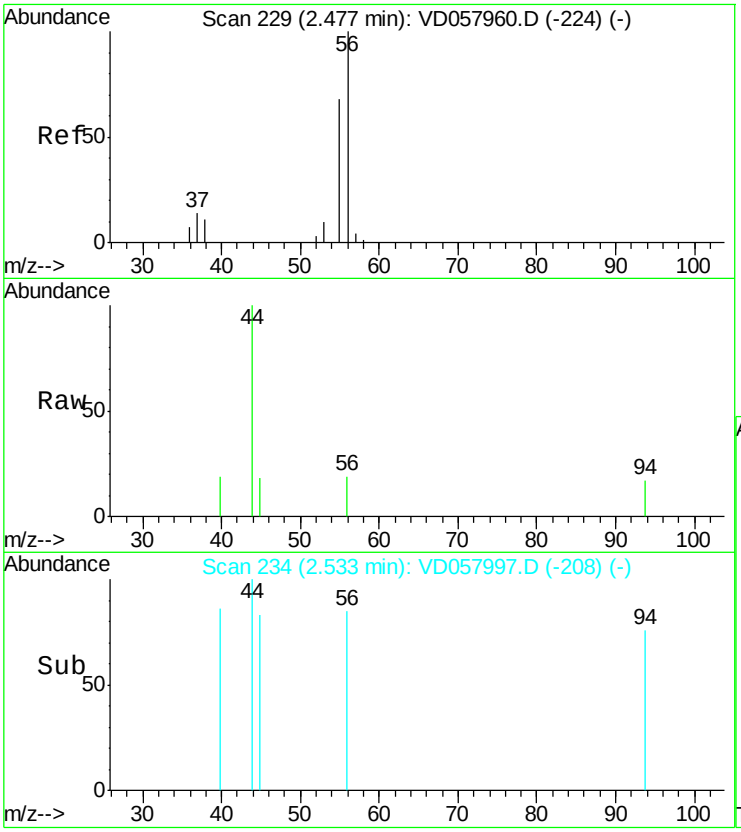


#11
Tert butyl alcohol
Concen: 46.978 ug/l
RT: 3.23 min Scan# 305
Delta R.T. -0.03 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 59 Resp: 597

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



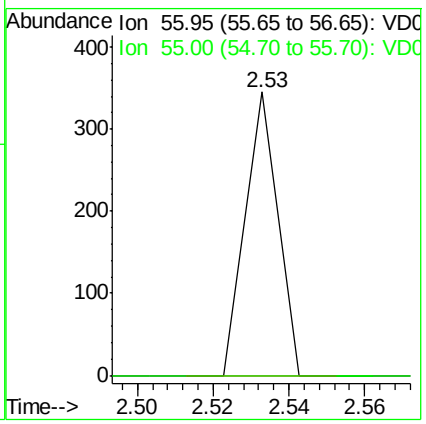


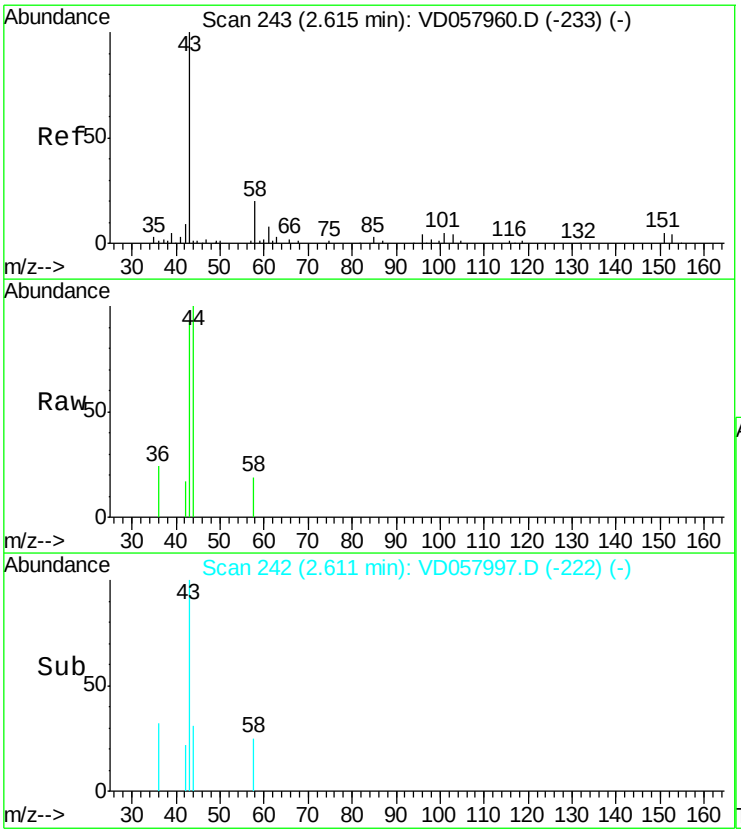
#13
Acrolein
Concen: 11.209 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.06 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 56 Resp: 204

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.0	81.0#

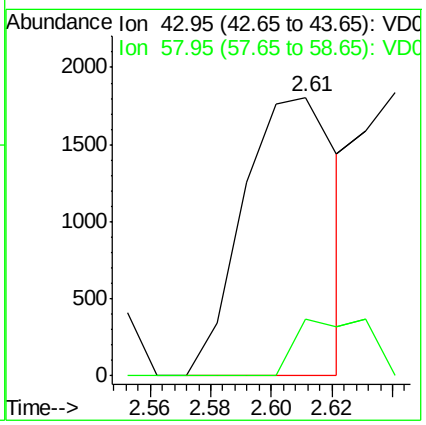


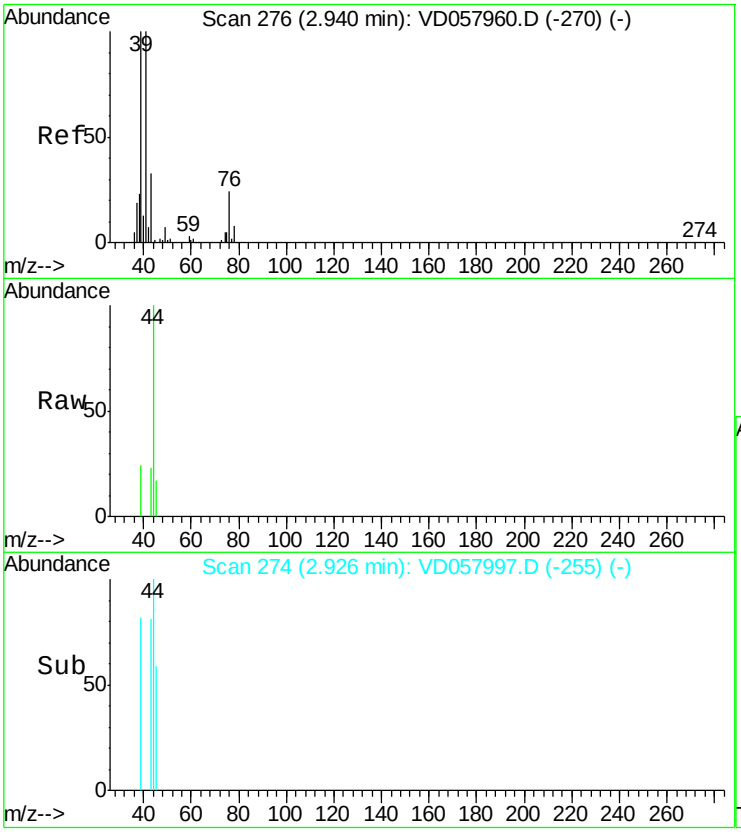


#16
Acetone
Concen: 57.034 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 43 Resp: 3898

Ion	Ratio	Lower	Upper
43	100		
58	20.2	15.8	23.8



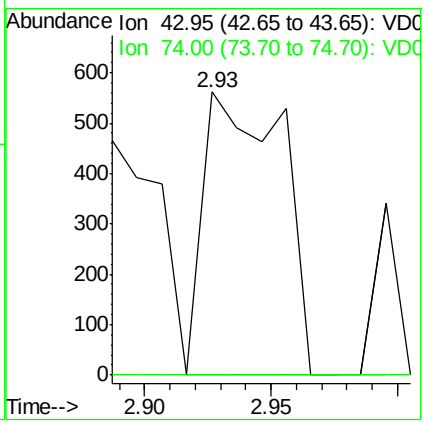


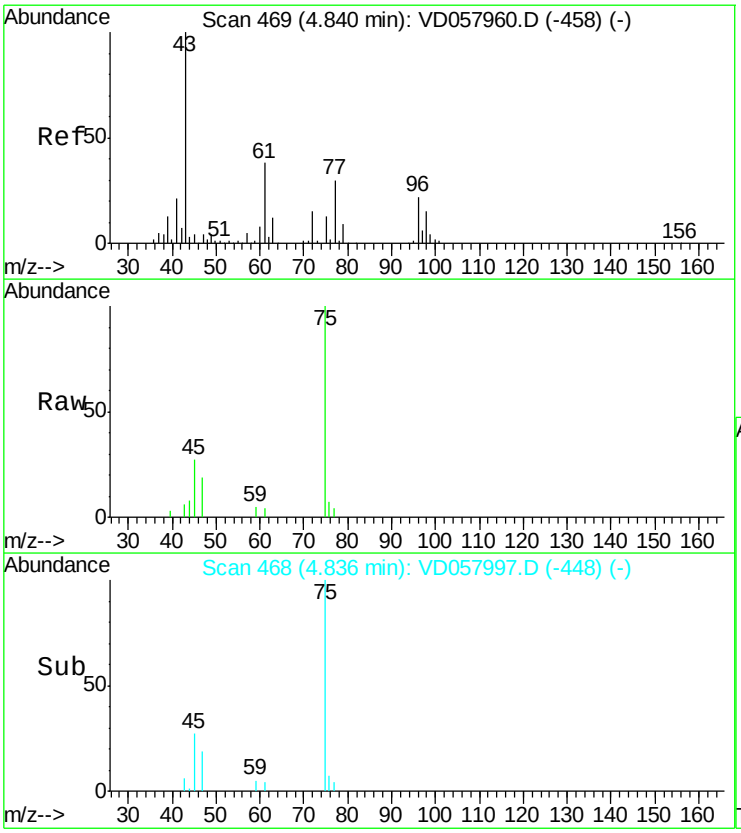
#18
Methyl Acetate
Concen: 9.129 ug/l
RT: 2.93 min Scan# 274
Delta R.T. -0.01 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument : MSVOA_D
ClientSampleId : MH-34(0-5)RE

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#

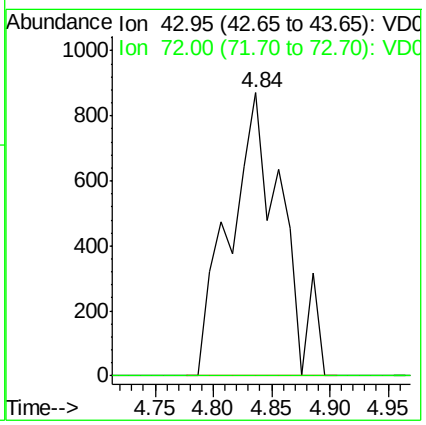


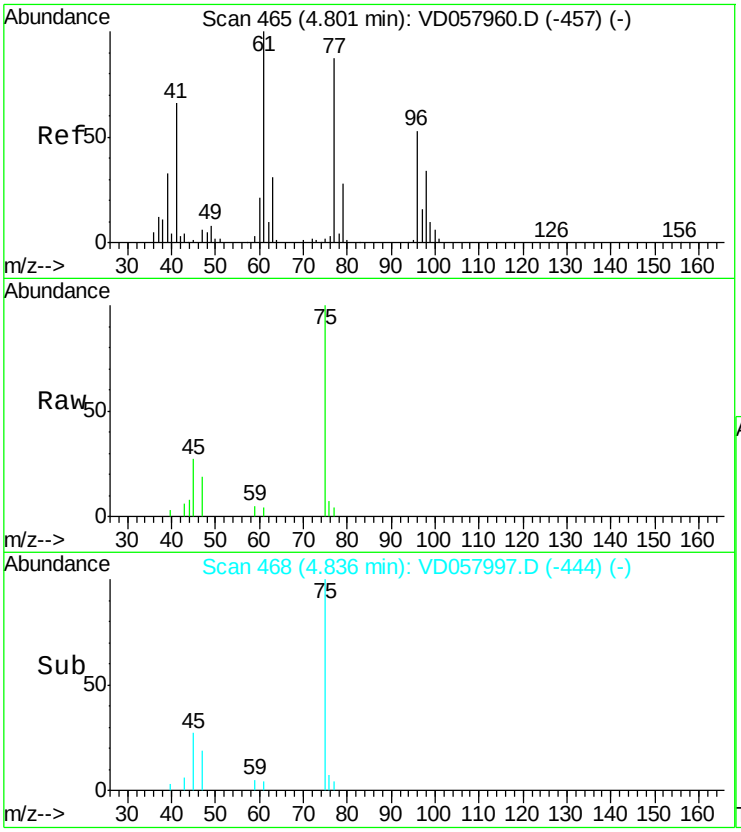


#25
2-Butanone
Concen: 17.383 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 43 Resp: 2700

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.0	18.0#



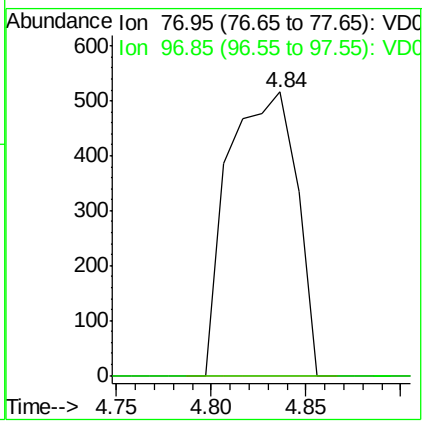


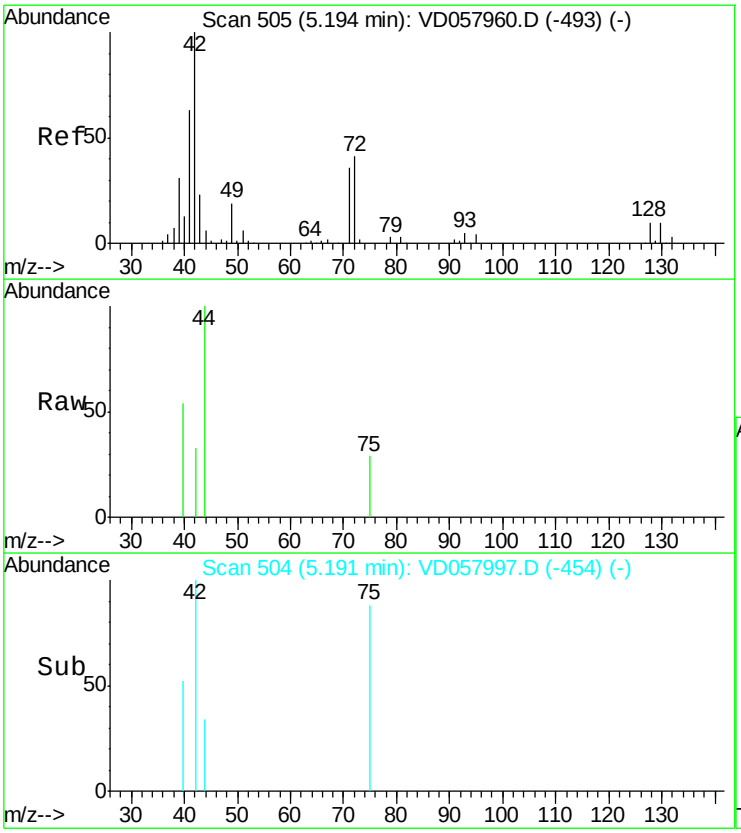
#26
2,2-Dichloropropane
Concen: 1.635 ug/l
RT: 4.84 min Scan# 468
Delta R.T. 0.04 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 77 Resp: 1287

Ion	Ratio	Lower	Upper
77	100		
97	0.0	9.2	27.6#

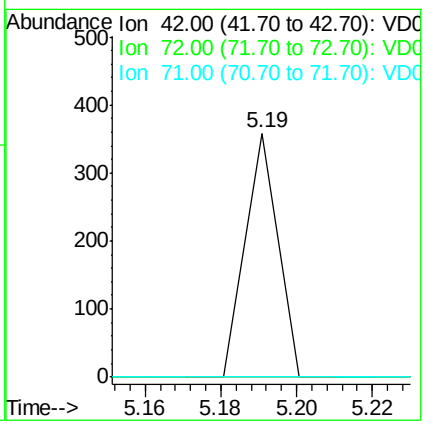


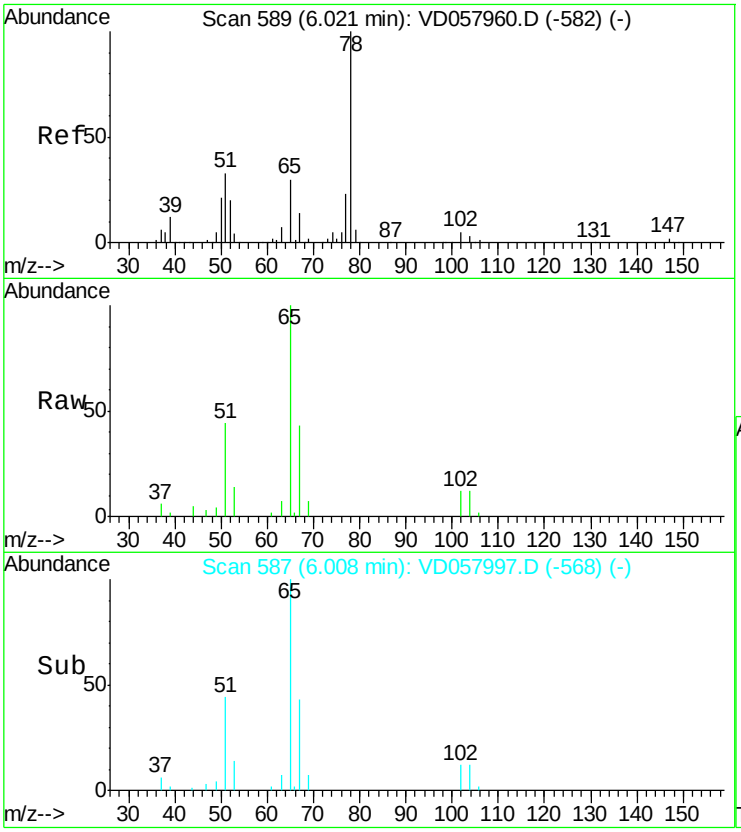


#29
Tetrahydrofuran
Concen: 2.591 ug/l
RT: 5.19 min Scan# 504
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 42 Resp: 211

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.5	42.7#
71	0.0	27.9	41.9#



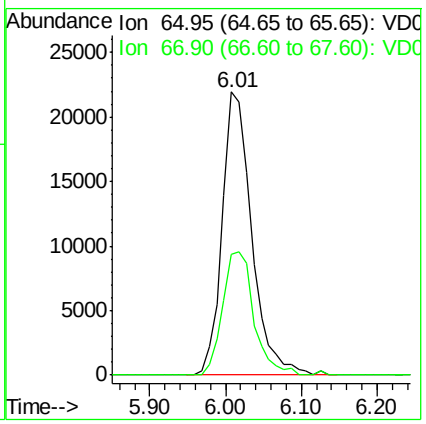


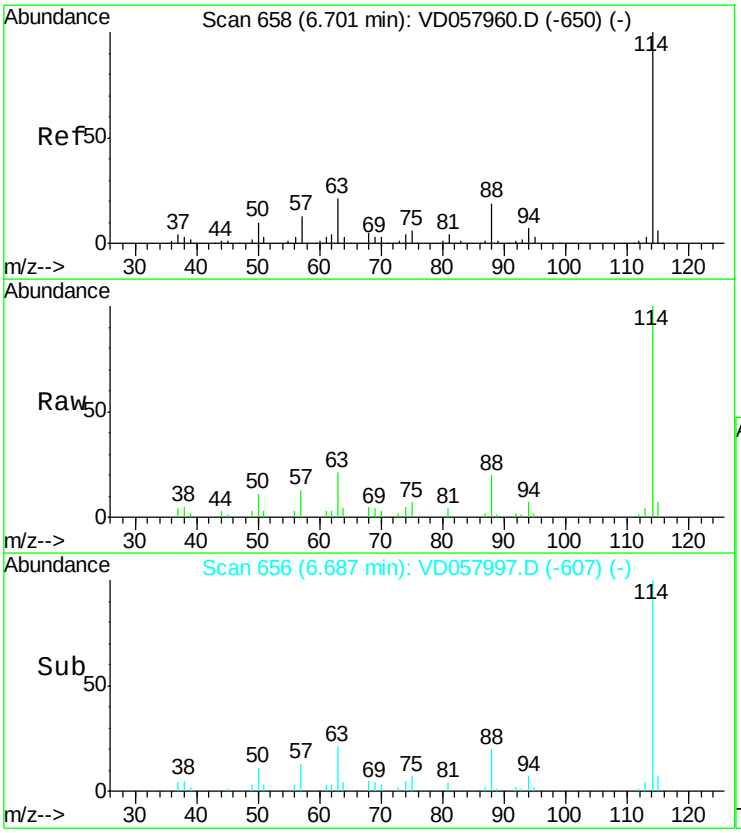
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.01 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 65 Resp: 59199

Ion	Ratio	Lower	Upper
65	100		
67	42.6	0.0	94.0

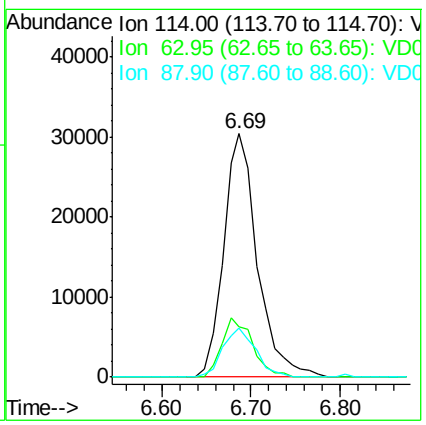


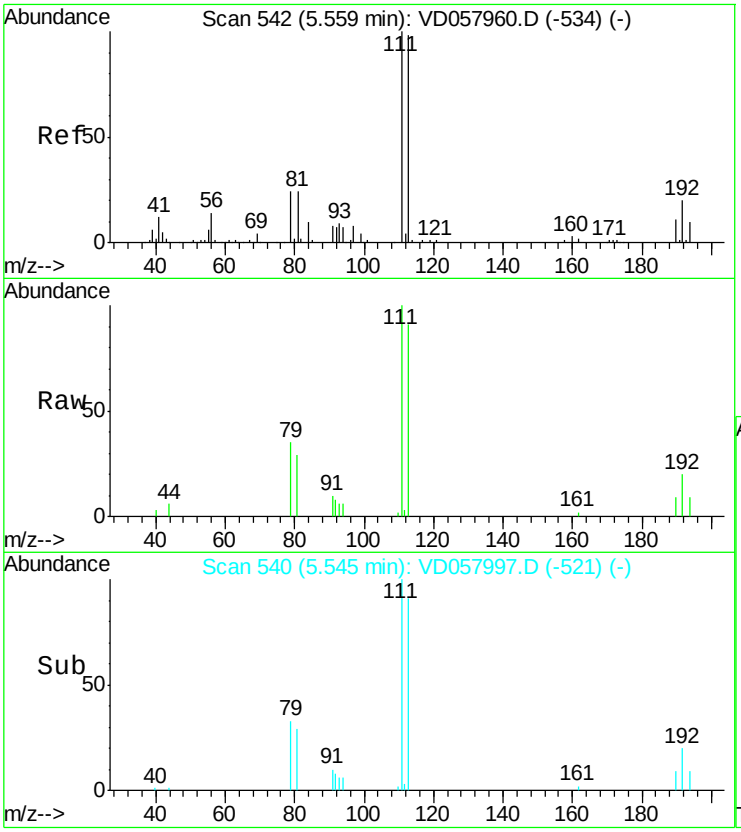


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion:114 Resp: 80336

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.8
88	20.1	0.0	37.8



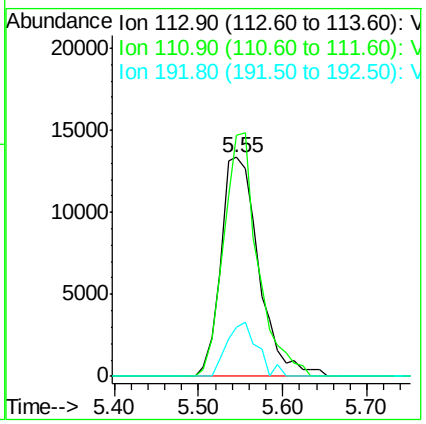


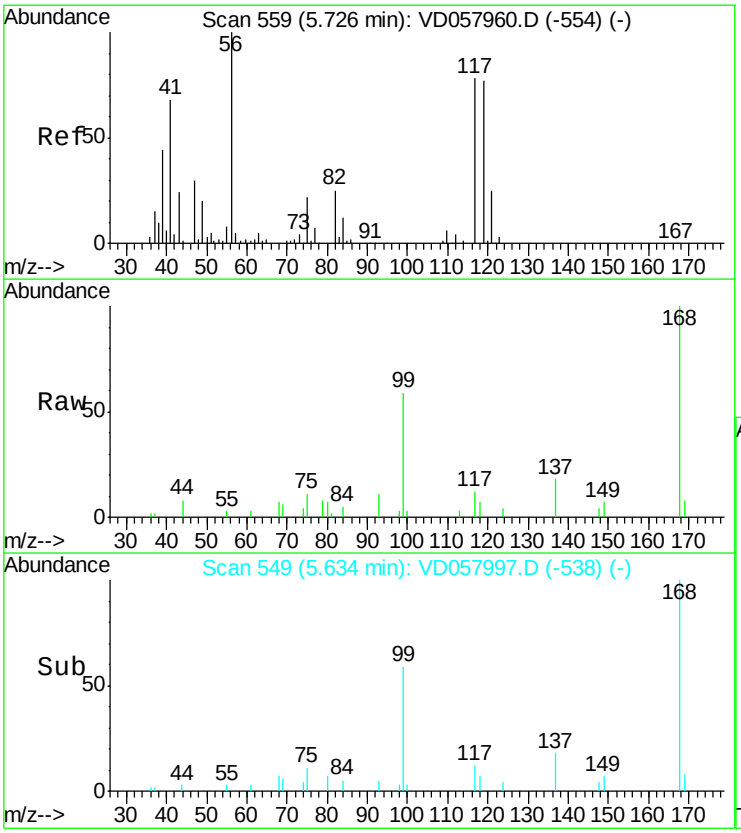
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion:113 Resp: 41850

Ion	Ratio	Lower	Upper
113	100		
111	110.2	81.5	122.3
192	22.3	16.4	24.6

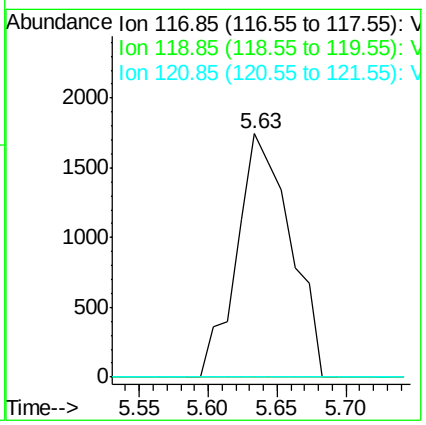


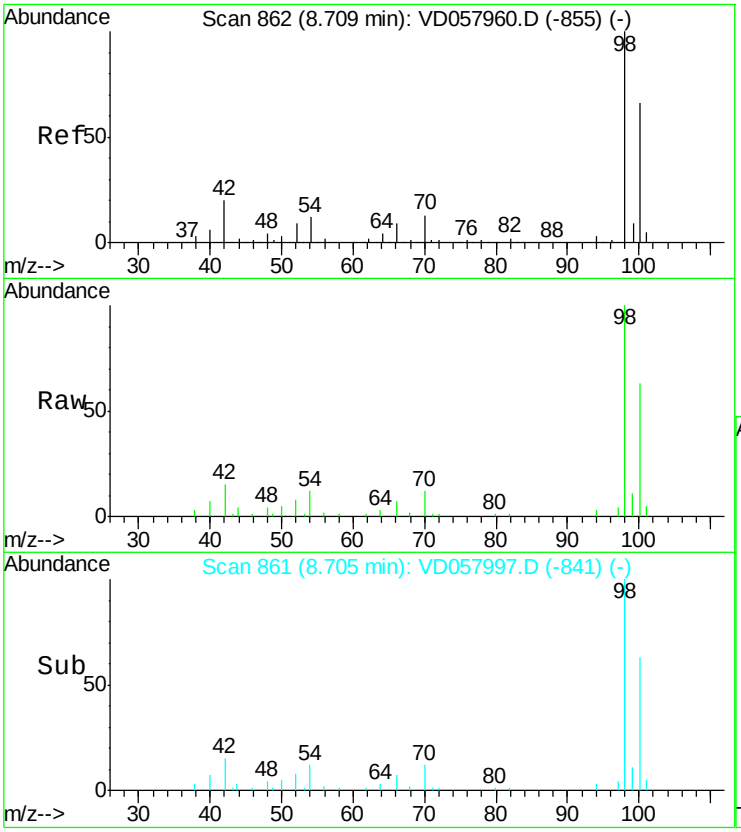


#38
Carbon Tetrachloride
Concen: 5.404 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.09 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion:117 Resp: 4714

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



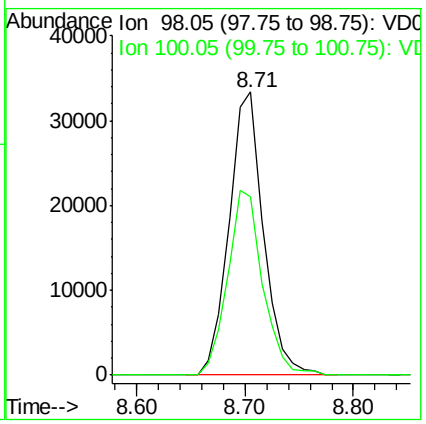


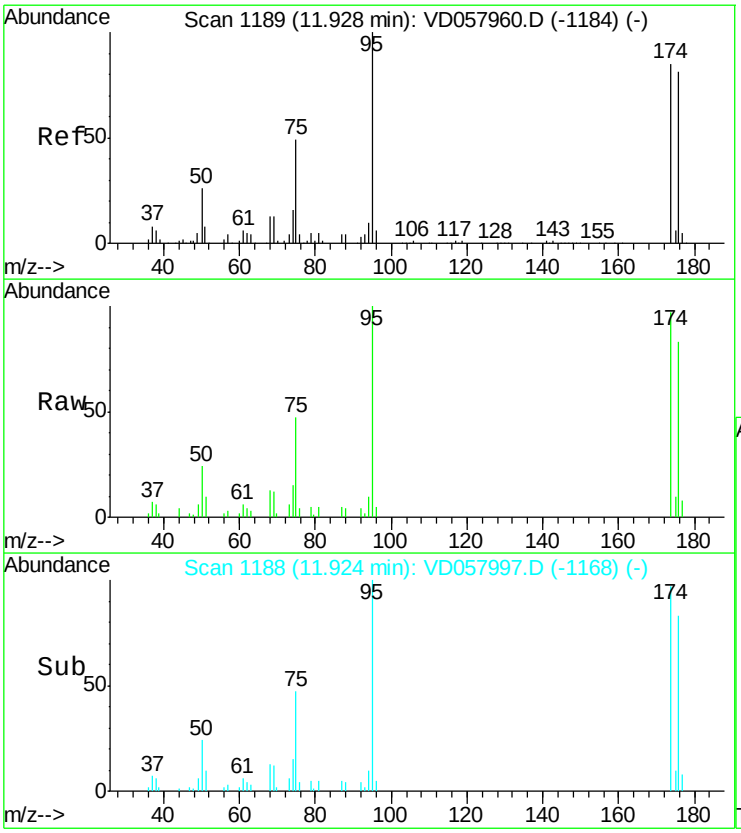
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 98 Resp: 73672

Ion	Ratio	Lower	Upper
98	100		
100	63.2	53.4	80.0

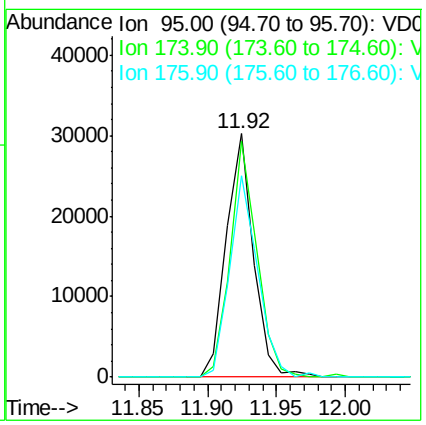


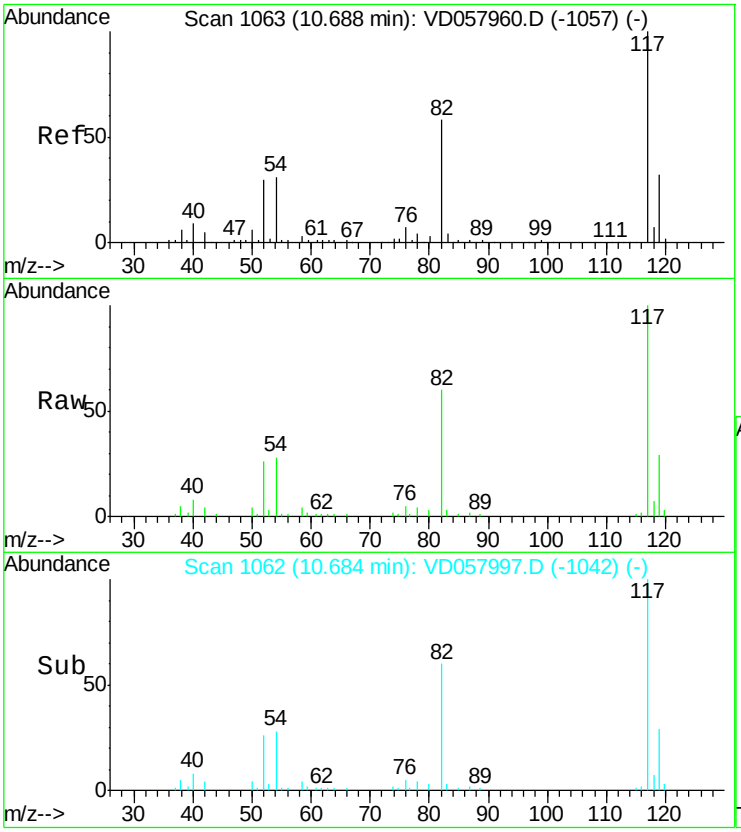


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 95 Resp: 41407

Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	169.4
176	83.0	0.0	162.6



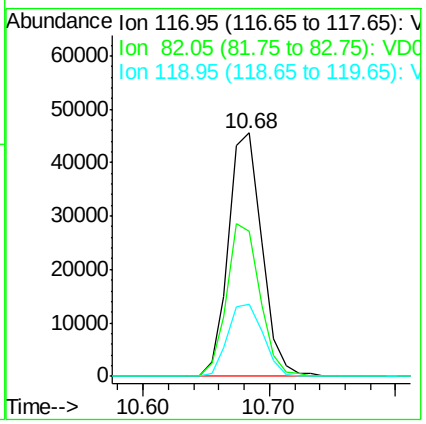


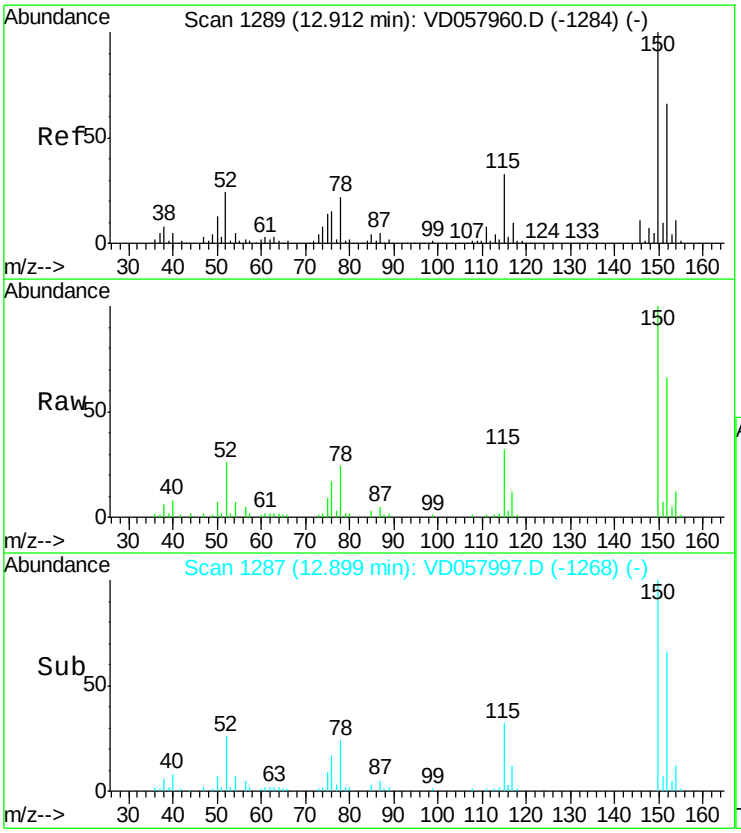
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion:117 Resp: 83596

Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.8	70.2
119	29.5	25.8	38.6

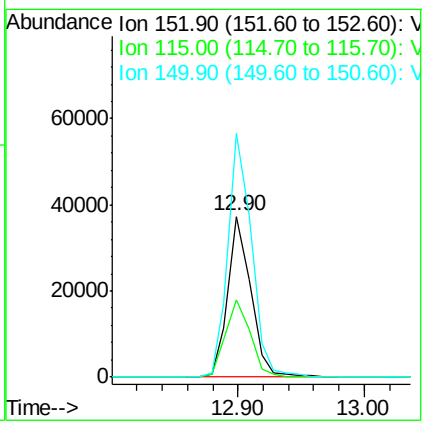


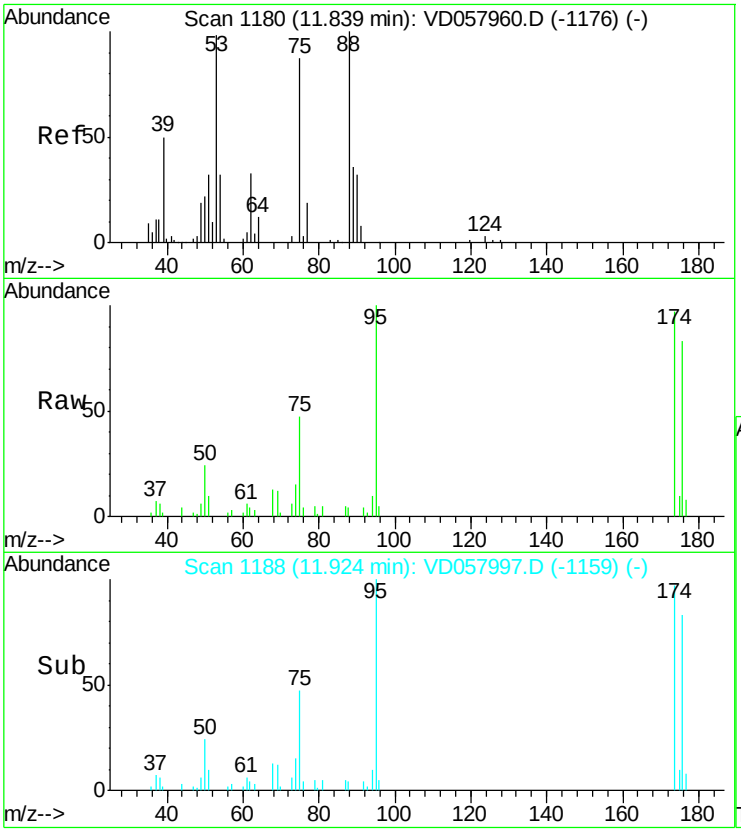


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion:152 Resp: 46866

Ion	Ratio	Lower	Upper
152	100		
115	48.4	25.6	76.6
150	151.6	0.0	306.8



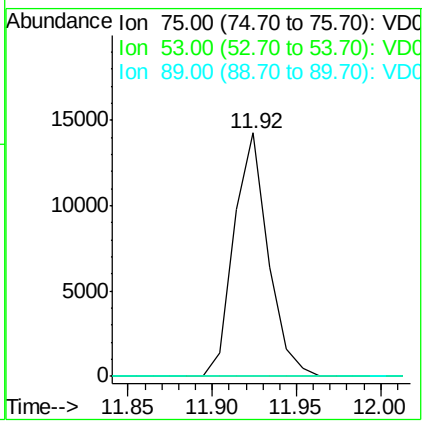


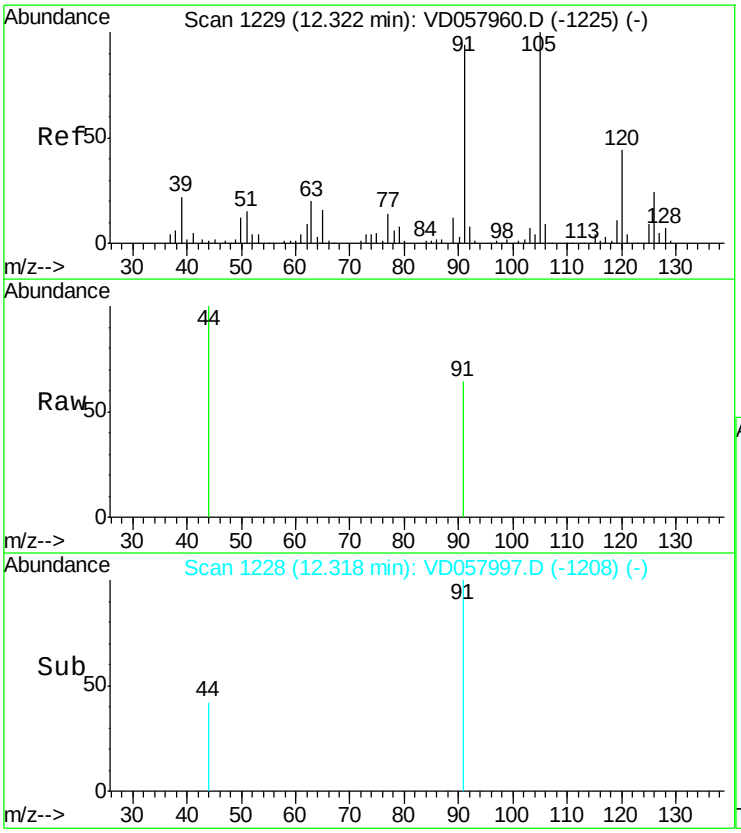
#81
trans-1,4-Dichloro-2-butene
Concen: 114.826 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 75 Resp: 20022

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

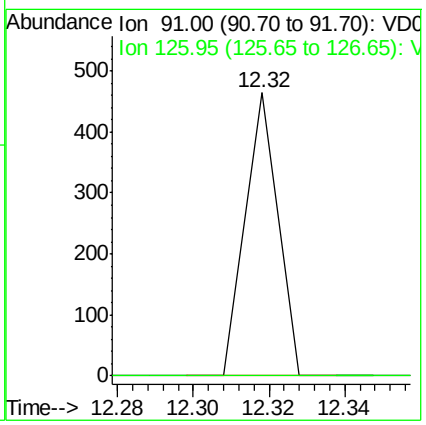


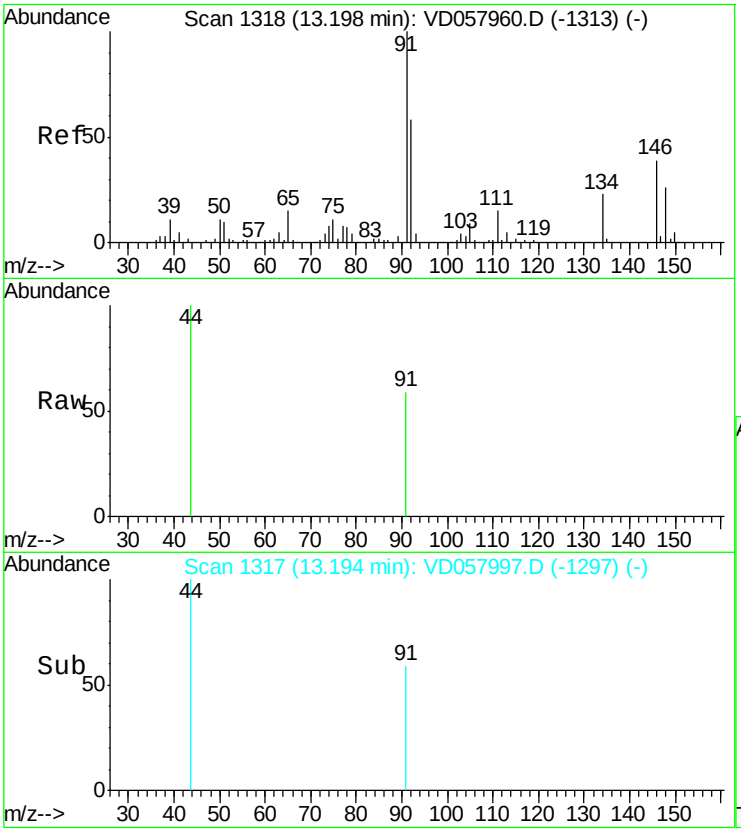


#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Tgt Ion: 91 Resp: 274

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.5	37.5#





#89
n-Butylbenzene
Concen: Below Cal
RT: 13.19 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD057997.D
Acq: 8 Jun 2018 5:00

Instrument :
MSVOA_D
ClientSampleId :
MH-34(0-5)RE

Tgt Ion: 91 Resp: 541

Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.2	87.6#
134	0.0	11.3	33.9#