Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
Data File : VD059498.D
Acq On : 29 Jun 2018 18:15
Operator : VA/AP
Sample : J3677-10
Misc : 5.02g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 30 00:27:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

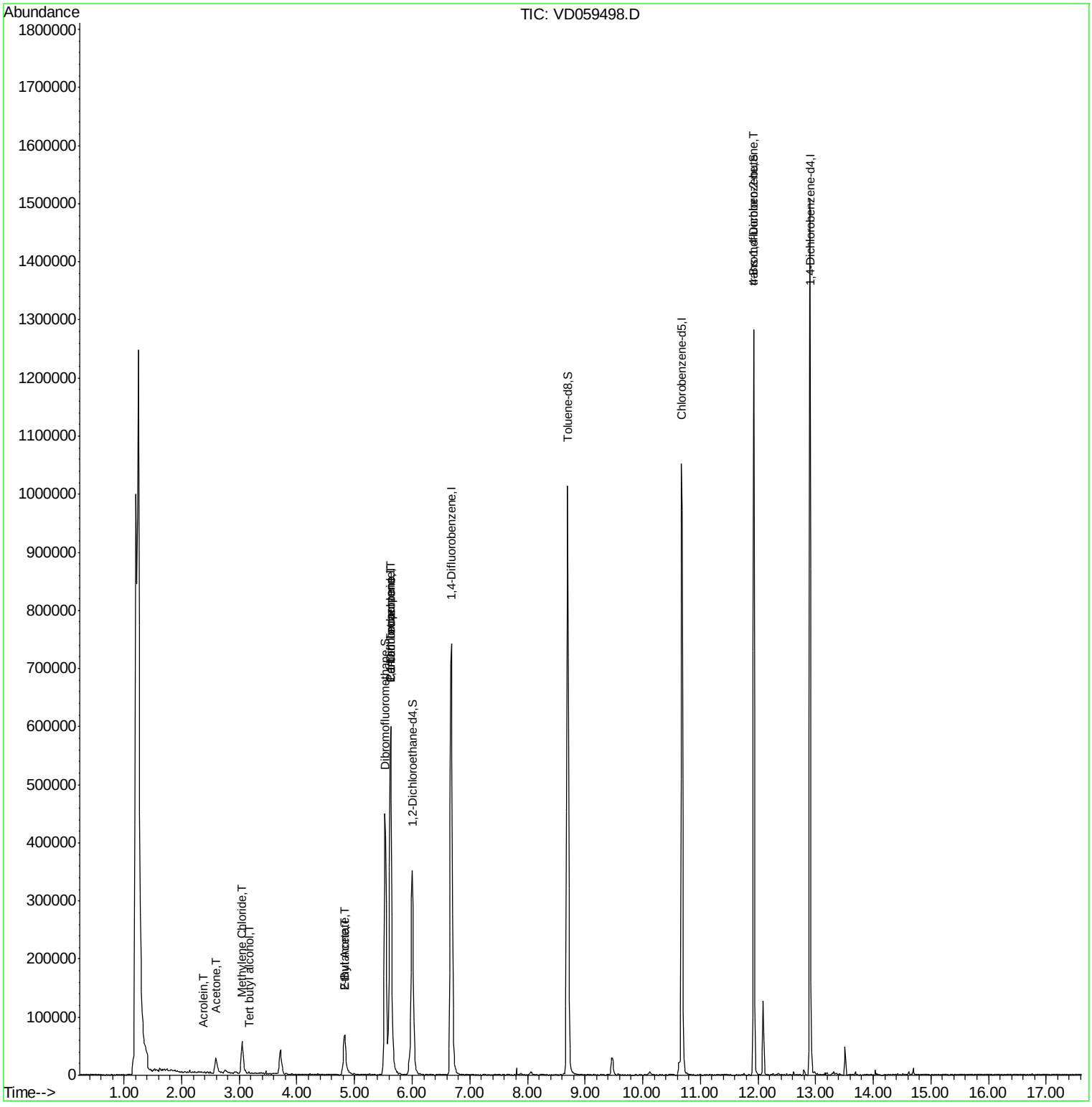
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	601094	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	785701	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	604258	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	317714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	325698	52.98	ug/l	-0.03
Spiked Amount 50.000			Recovery = 105.96%			
35) Dibromofluoromethane	5.53	113	351003	54.85	ug/l	-0.03
Spiked Amount 50.000			Recovery = 109.70%			
50) Toluene-d8	8.70	98	792463	52.97	ug/l	-0.02
Spiked Amount 50.000			Recovery = 105.94%			
62) 4-Bromofluorobenzene	11.93	95	311098	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.98%			
Target Compounds						Qvalue
5) Bromomethane	1.70	94	411	Below Cal	#	4
11) Tert butyl alcohol	3.18	59	1229	5.779	ug/l #	72
13) Acrolein	2.38	56	216	1.136	ug/l #	16
16) Acetone	2.59	43	50848	65.542	ug/l	100
18) Methyl Acetate	2.90	43	539	Below Cal	#	66
20) Methylene Chloride	3.05	84	24482	9.350	ug/l #	91
25) 2-Butanone	4.82	43	28159	17.327	ug/l	94
31) Cyclohexane	5.63	56	12823	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	49128	6.893	ug/l #	49
37) Ethyl Acetate	4.82	43	28158	6.487	ug/l #	78
38) Carbon Tetrachloride	5.63	117	49521	6.739	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.93	75	154404	155.013	ug/l #	1

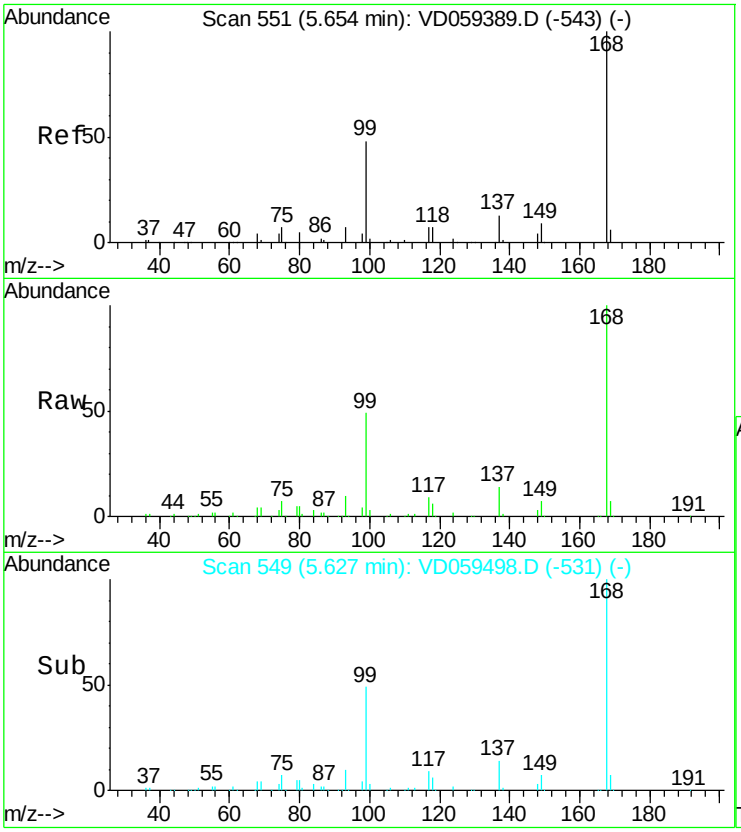
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062918\
Data File : VD059498.D
Acq On : 29 Jun 2018 18:15
Operator : VA/AP
Sample : J3677-10
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 30 00:27:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

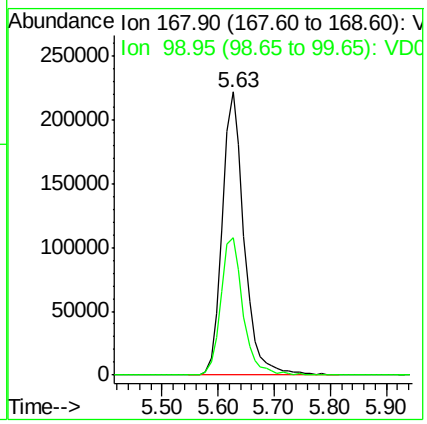


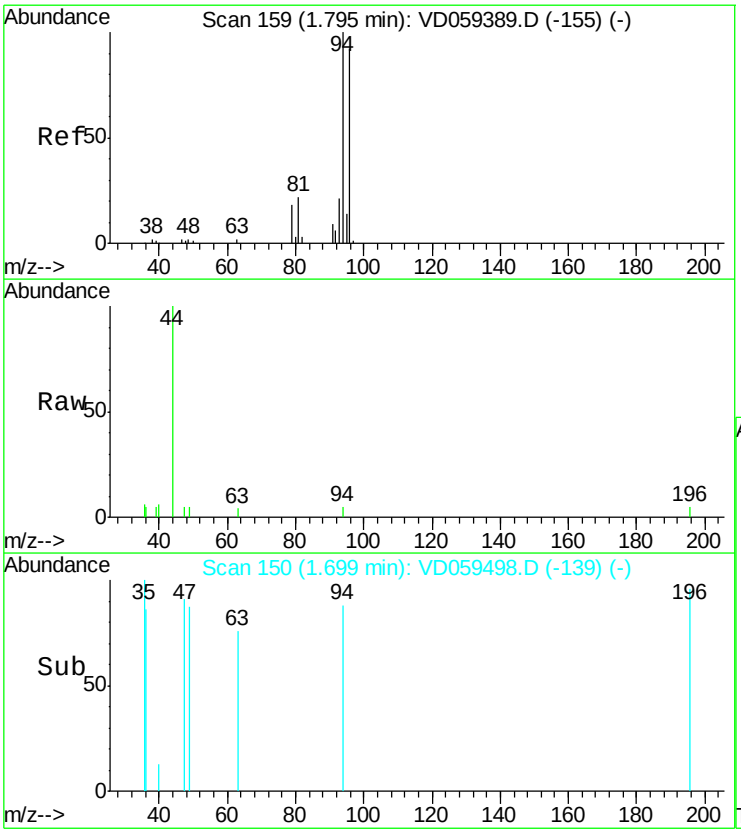


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion:168 Resp: 601094

Ion	Ratio	Lower	Upper
168	100		
99	48.7	41.0	61.6

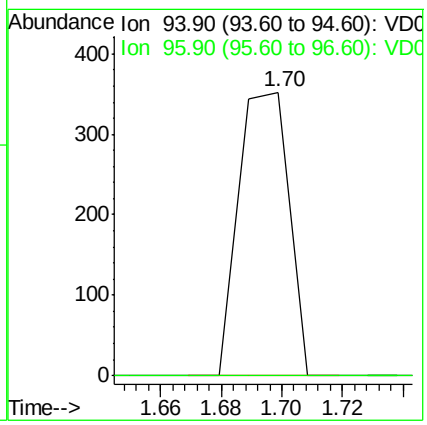


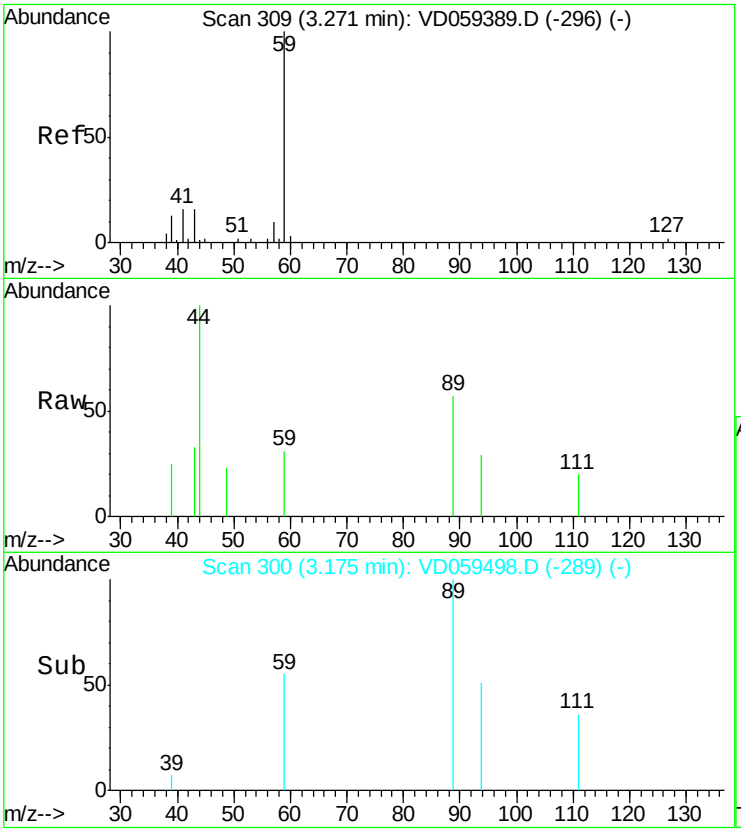


#5
Bromomethane
Concen: Below Cal
RT: 1.70 min Scan# 150
Delta R.T. -0.10 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 94 Resp: 411

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.0#

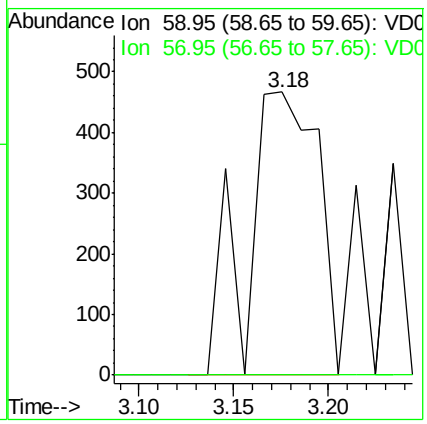


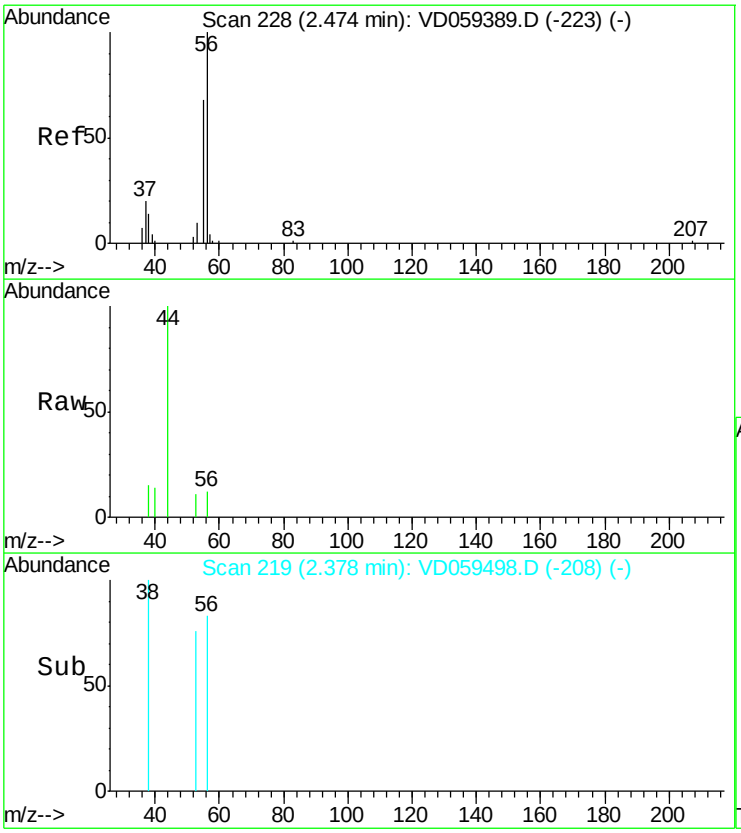


#11
Tert butyl alcohol
Concen: 5.779 ug/l
RT: 3.18 min Scan# 300
Delta R.T. -0.10 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 59 Resp: 1229

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

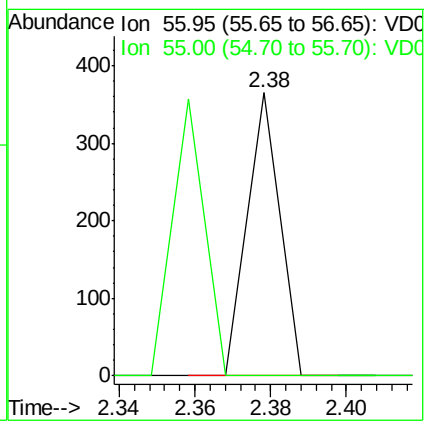


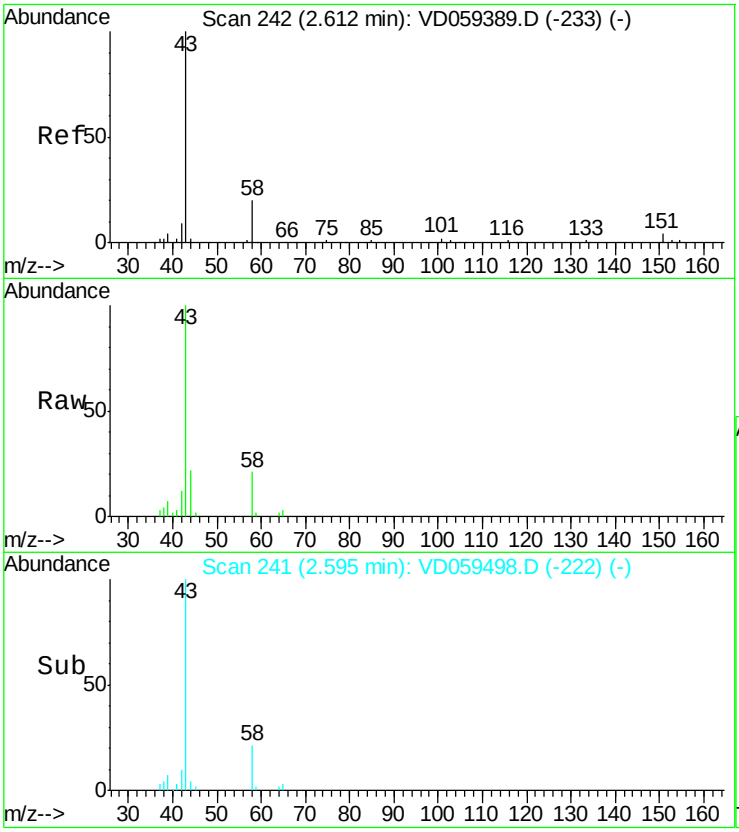


#13
Acrolein
Concen: 1.136 ug/l
RT: 2.38 min Scan# 219
Delta R.T. -0.10 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 56 Resp: 216

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.6	82.0#

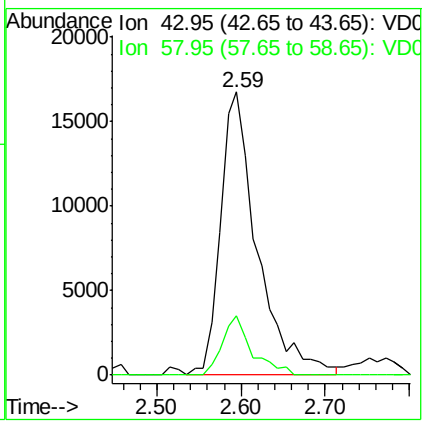


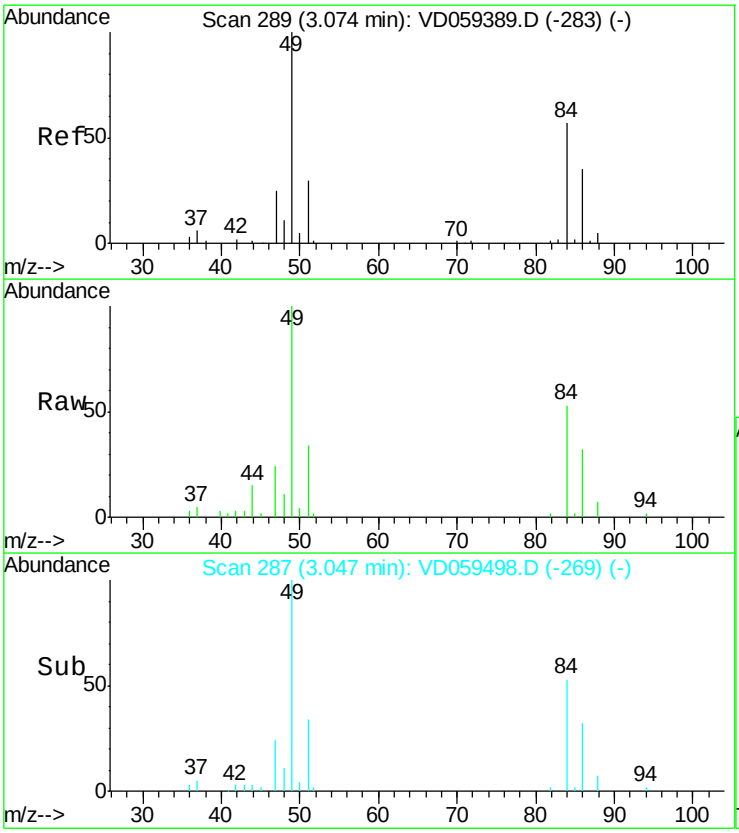


#16
Acetone
Concen: 65.542 ug/l
RT: 2.59 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 43 Resp: 50848

Ion	Ratio	Lower	Upper
43	100		
58	20.8	16.8	25.2

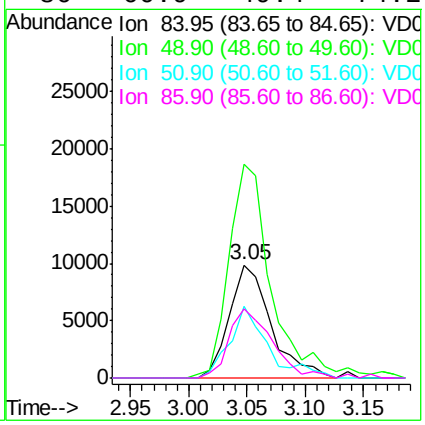


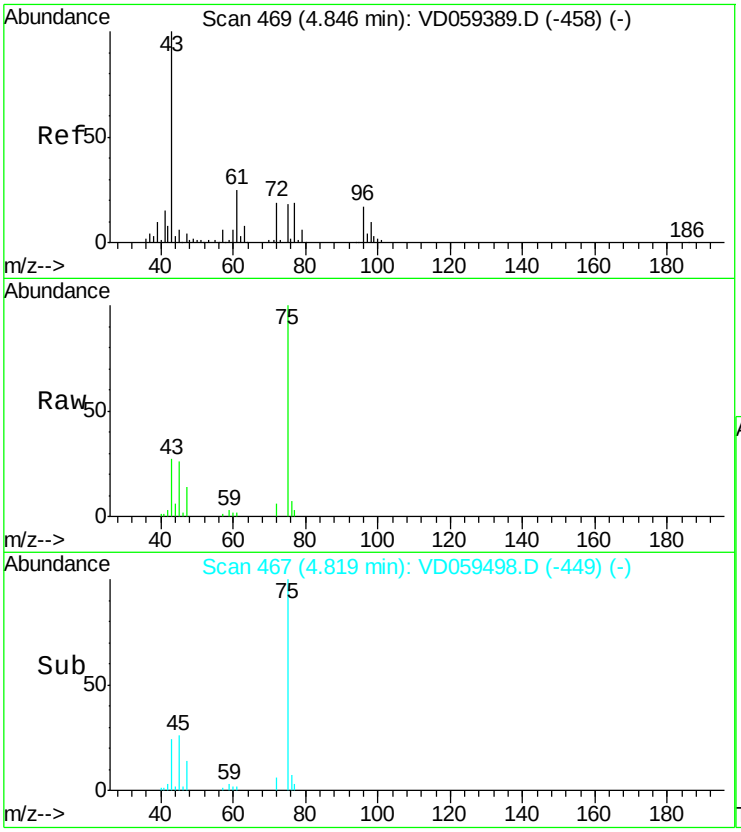


#20
Methylene Chloride
Concen: 9.350 ug/l
RT: 3.05 min Scan# 287
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 84 Resp: 24482

Ion	Ratio	Lower	Upper
84	100		
49	189.6	140.3	210.5
51	63.9	41.6	62.4#
86	60.9	49.4	74.2

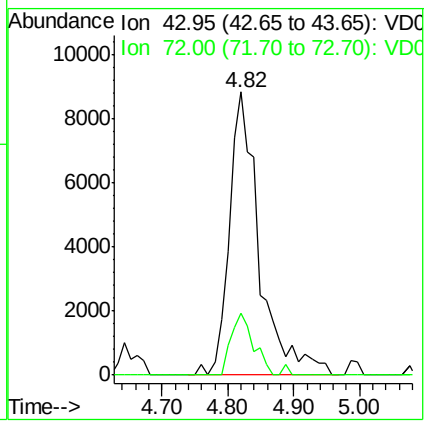


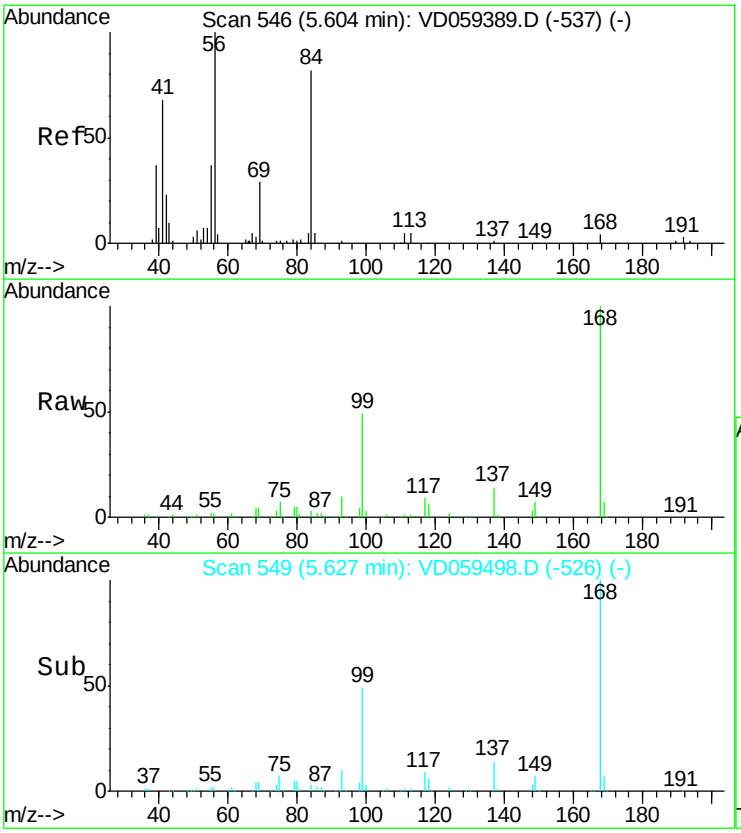


#25
2-Butanone
Concen: 17.327 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 43 Resp: 28159

Ion	Ratio	Lower	Upper
43	100		
72	22.0	15.4	23.2

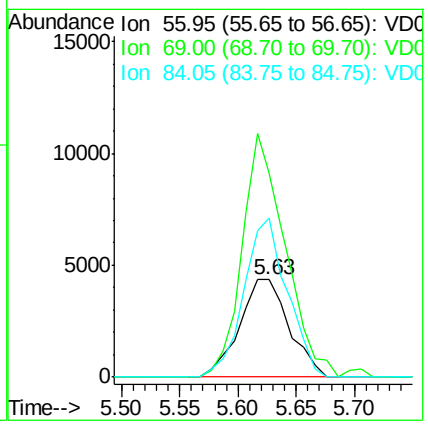


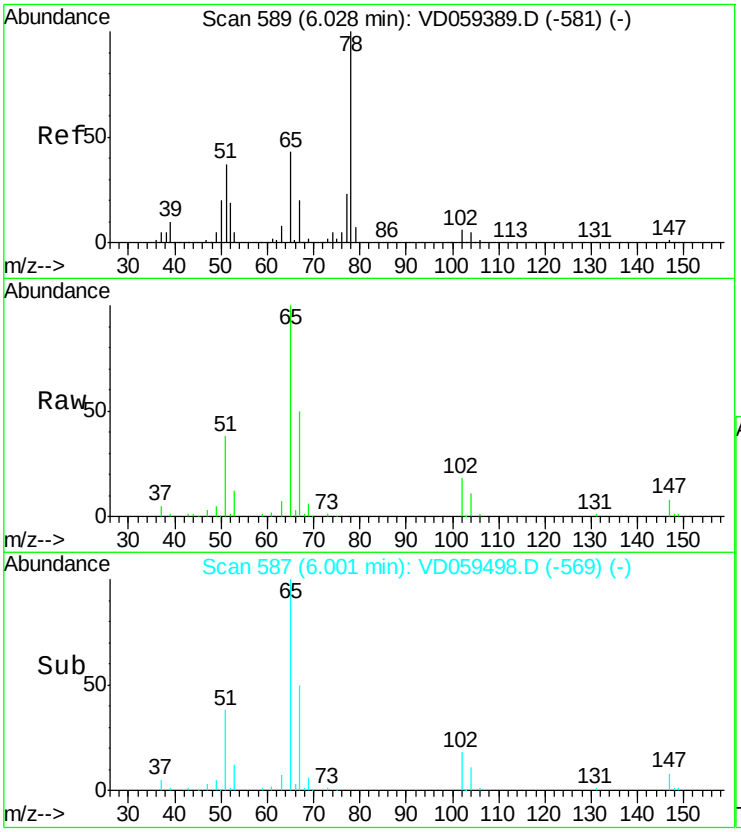


#31
Cyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 56 Resp: 12823

Ion	Ratio	Lower	Upper
56	100		
69	208.8	22.9	34.3#
84	163.7	67.3	100.9#

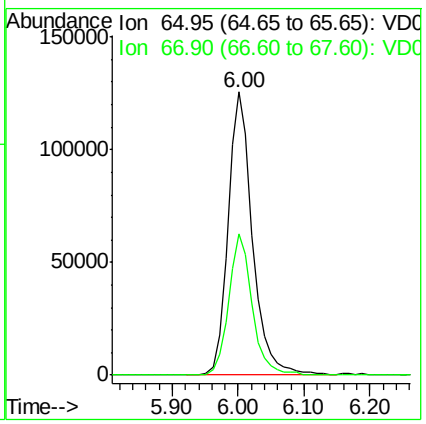


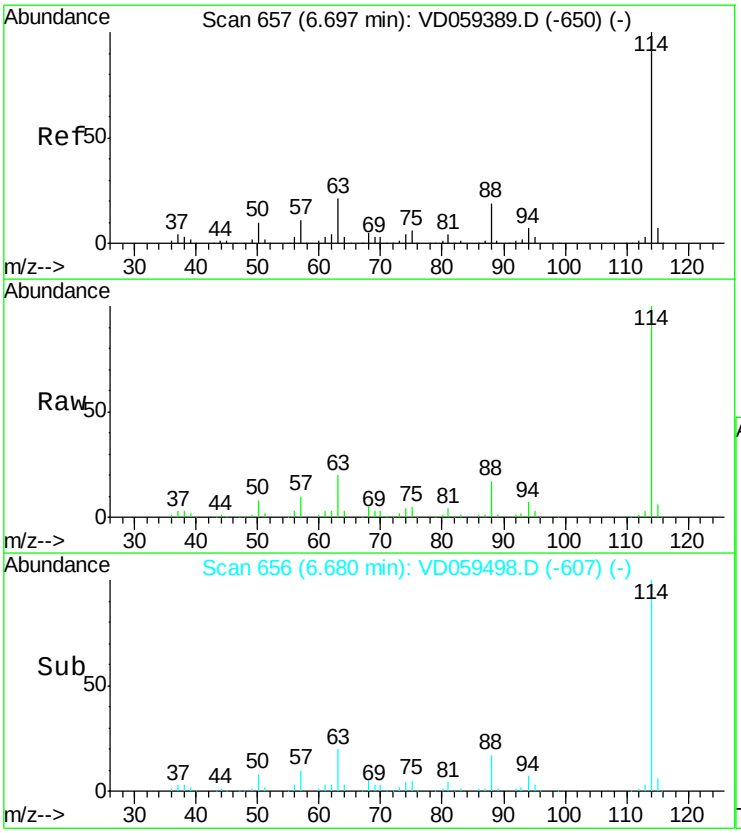


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 65 Resp: 325698

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	93.8

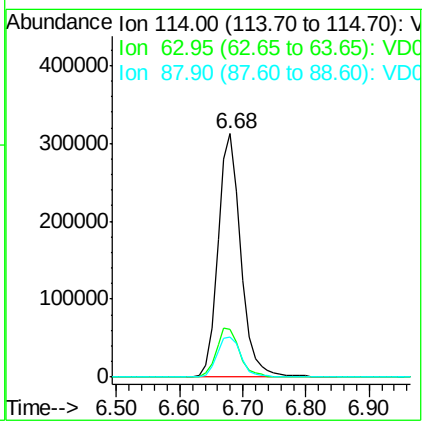


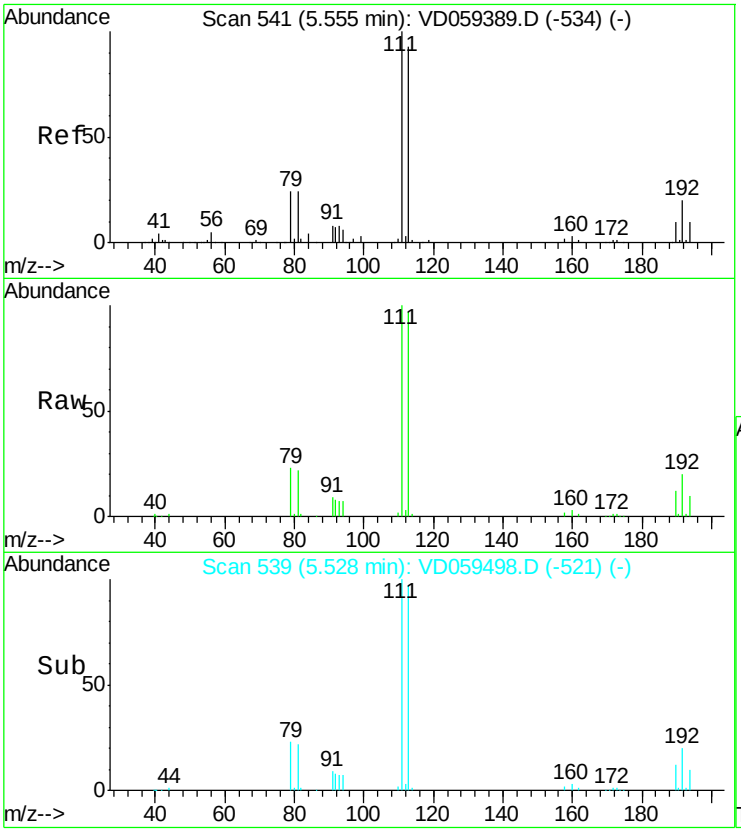


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion:114 Resp: 785701

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	16.6	0.0	38.0

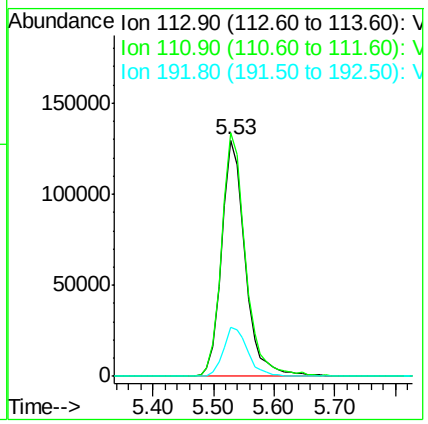


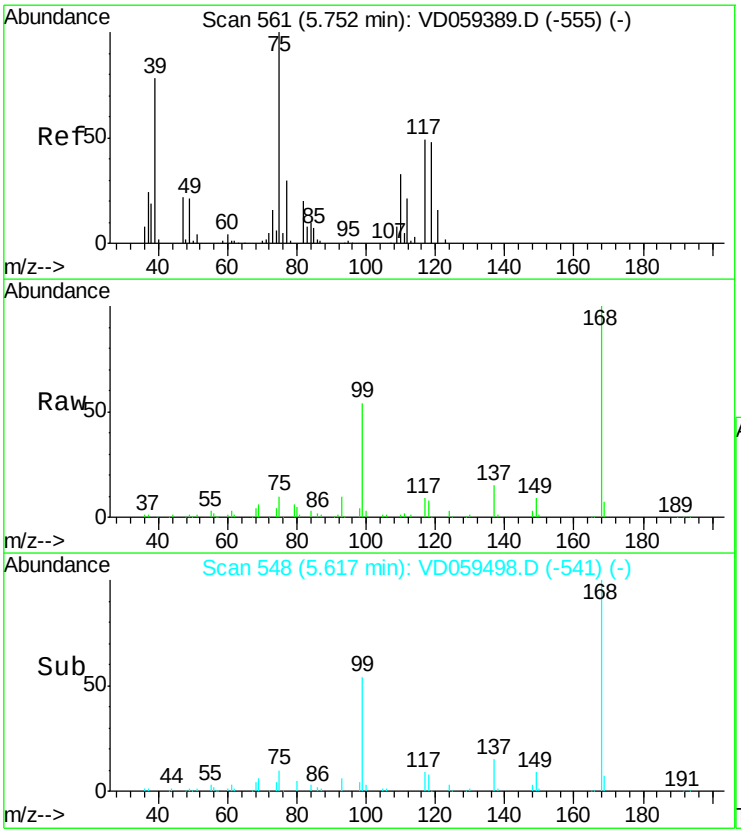


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.03 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion:113 Resp: 351003

Ion	Ratio	Lower	Upper
113	100		
111	103.2	85.7	128.5
192	20.8	16.9	25.3

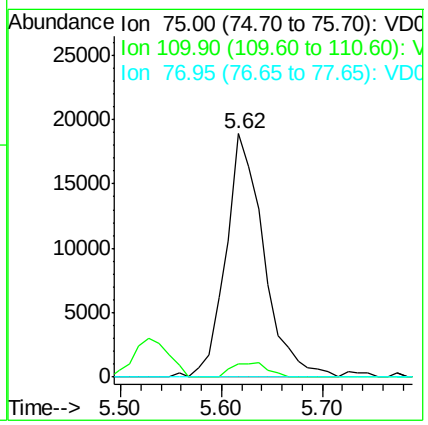


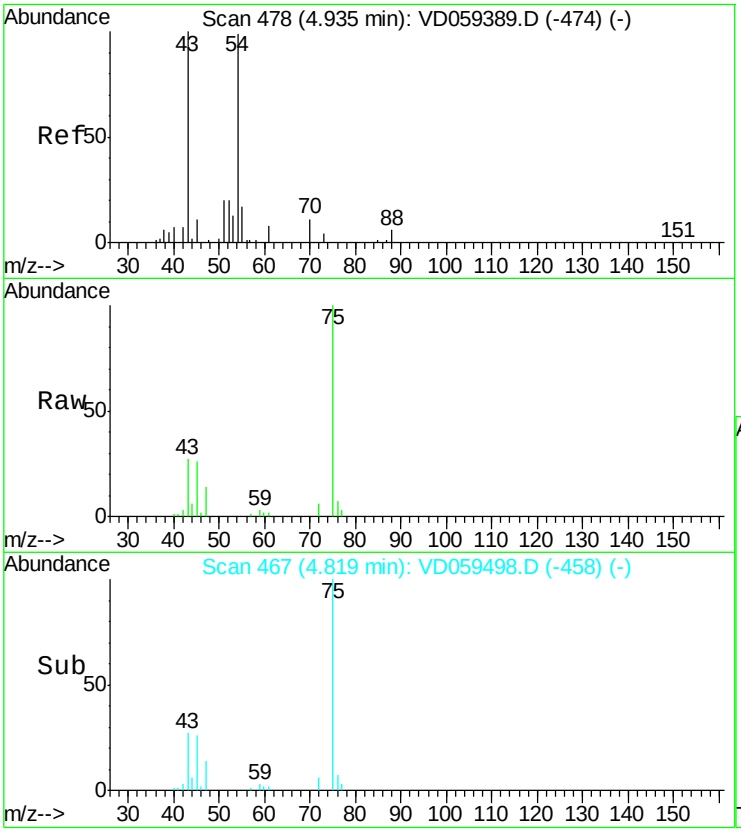


#36
1,1-Dichloropropene
Concen: 6.893 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.14 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 75 Resp: 49128

Ion	Ratio	Lower	Upper
75	100		
110	5.4	16.1	48.2#
77	0.0	23.4	35.2#

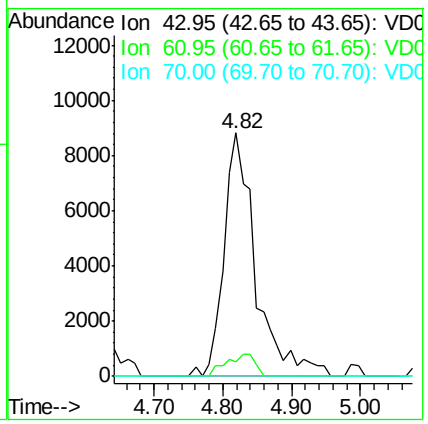


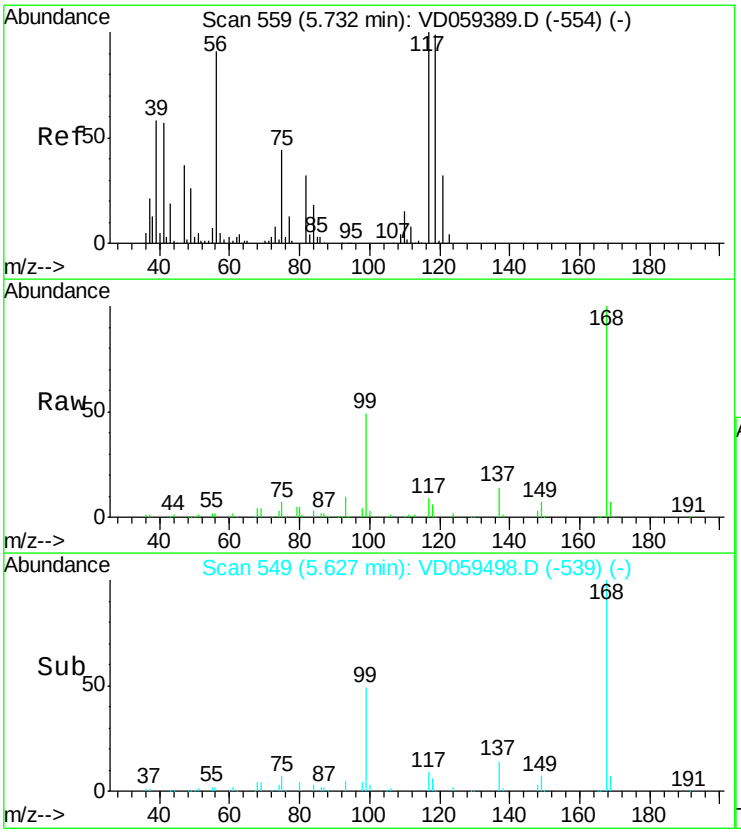


#37
Ethyl Acetate
Concen: 6.487 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.12 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 43 Resp: 28158

Ion	Ratio	Lower	Upper
43	100		
61	5.8	11.8	17.8#
70	0.0	6.1	9.1#

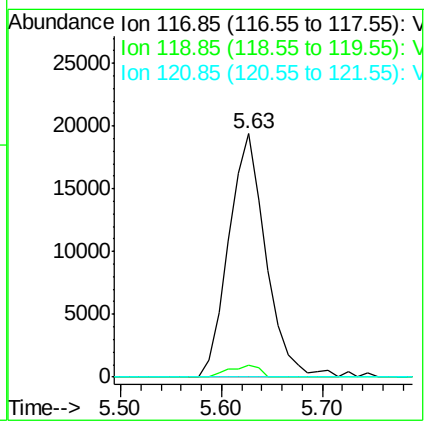


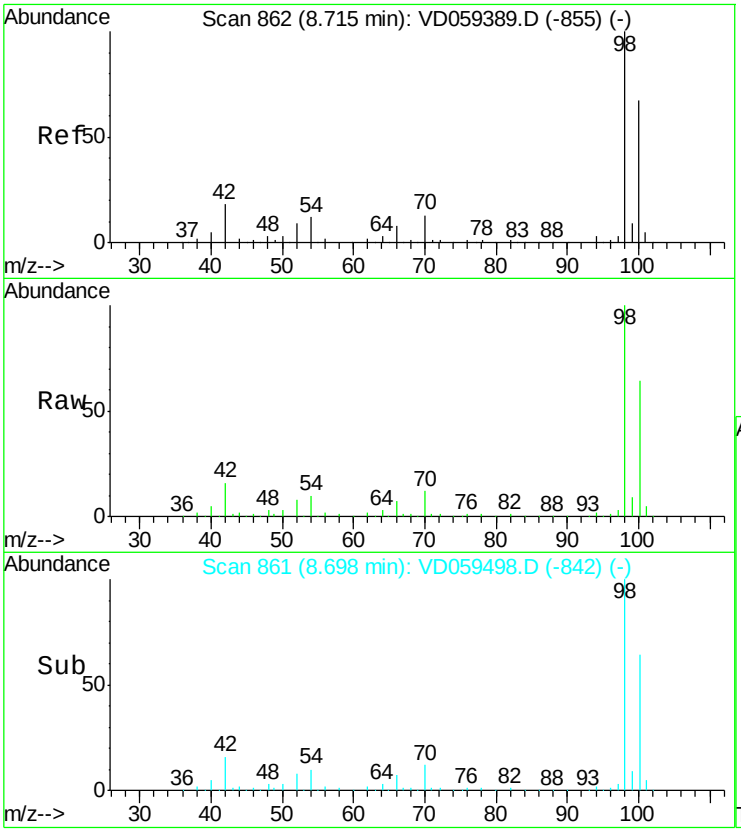


#38
Carbon Tetrachloride
Concen: 6.739 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.11 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion:117 Resp: 49521

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.6	115.0#
121	0.0	25.0	37.4#

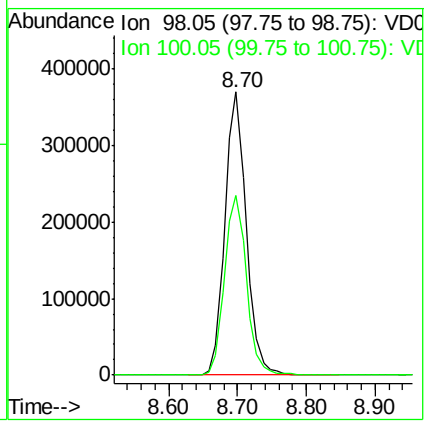


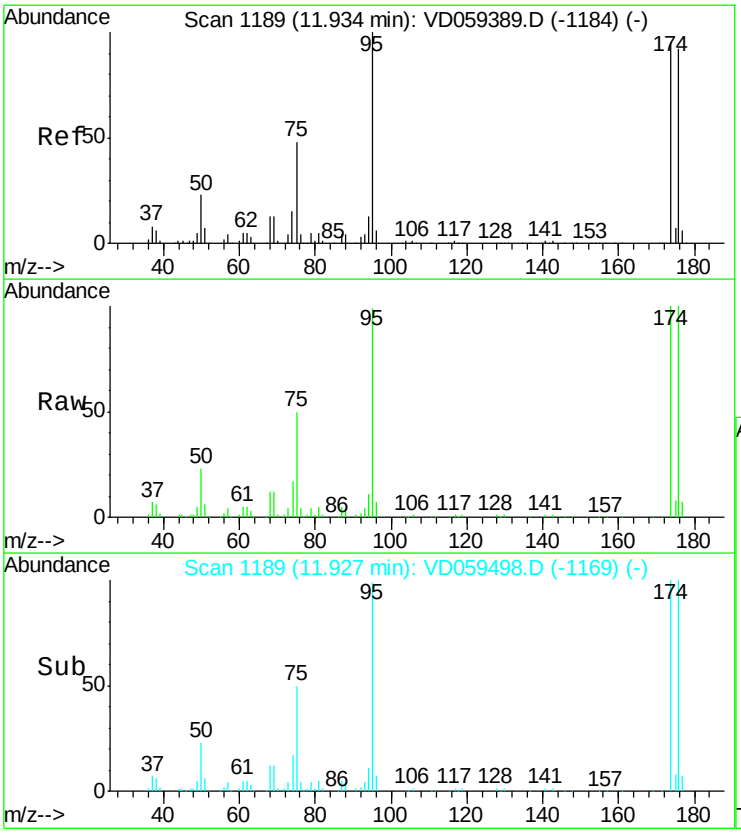


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 98 Resp: 792463

Ion	Ratio	Lower	Upper
98	100		
100	63.5	54.4	81.6

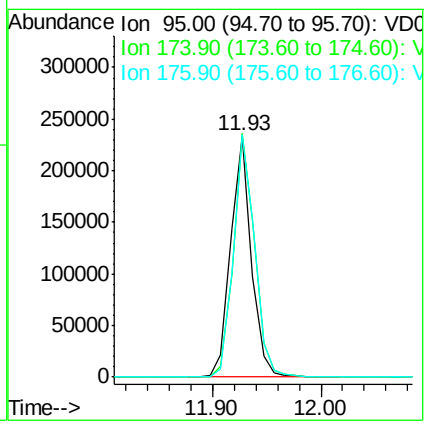


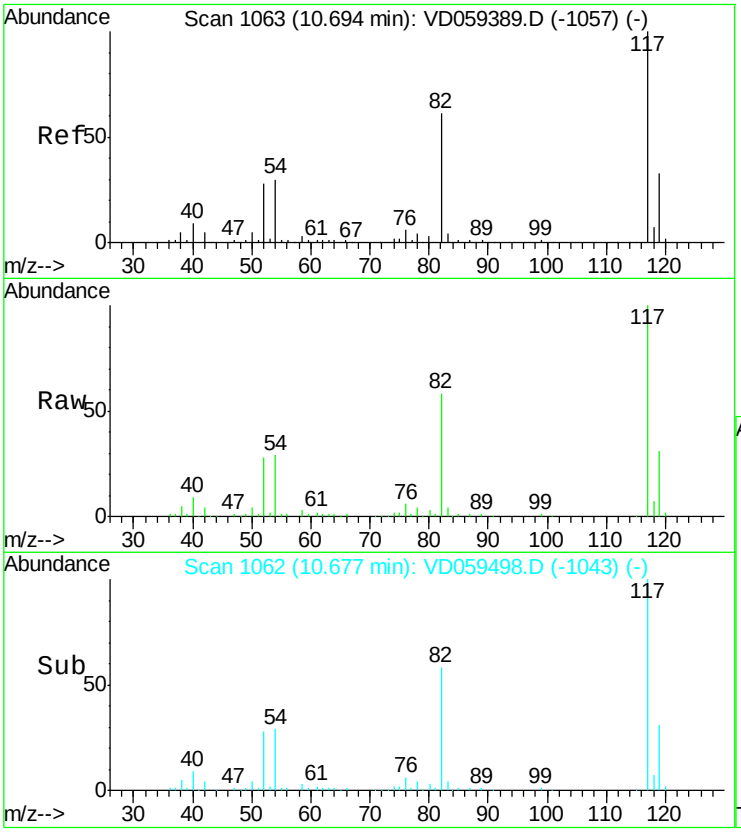


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 95 Resp: 311098

Ion	Ratio	Lower	Upper
95	100		
174	101.0	0.0	190.4
176	100.7	0.0	183.2

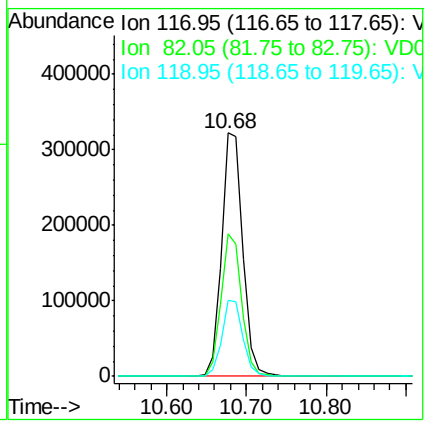


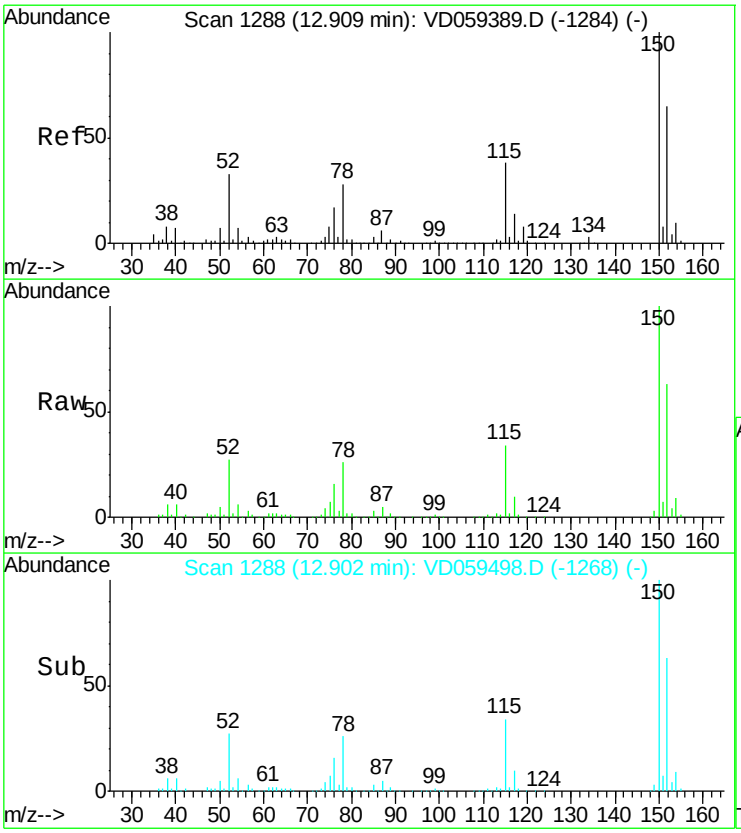


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion:117 Resp: 604258

Ion	Ratio	Lower	Upper
117	100		
82	58.4	49.0	73.6
119	31.1	26.2	39.4

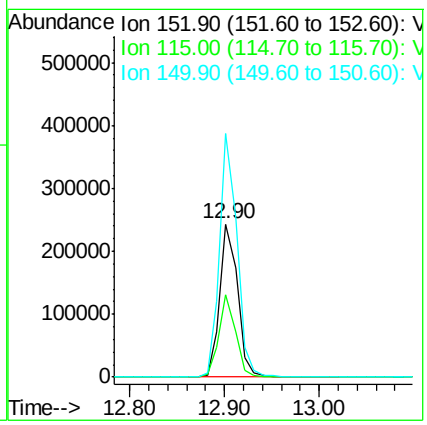


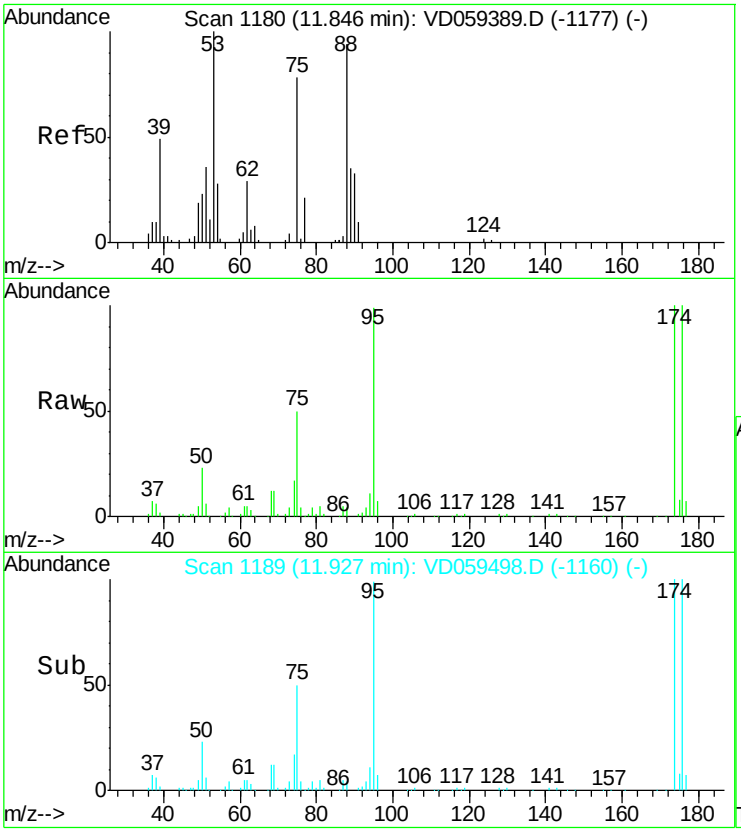


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion:152 Resp: 317714

Ion	Ratio	Lower	Upper
152	100		
115	54.1	29.4	88.3
150	159.4	0.0	308.2





#81
trans-1,4-Dichloro-2-butene
Concen: 155.013 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.08 min
Lab File: VD059498.D
Acq: 29 Jun 2018 18:15

Tgt Ion: 75 Resp: 154404

Ion	Ratio	Lower	Upper
75	100		
53	0.0	102.6	154.0#
89	0.0	35.9	53.9#