Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
Data File : VD059500.D
Acq On : 29 Jun 2018 19:12
Operator : VA/AP
Sample : J3761-02
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 00:27:25 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

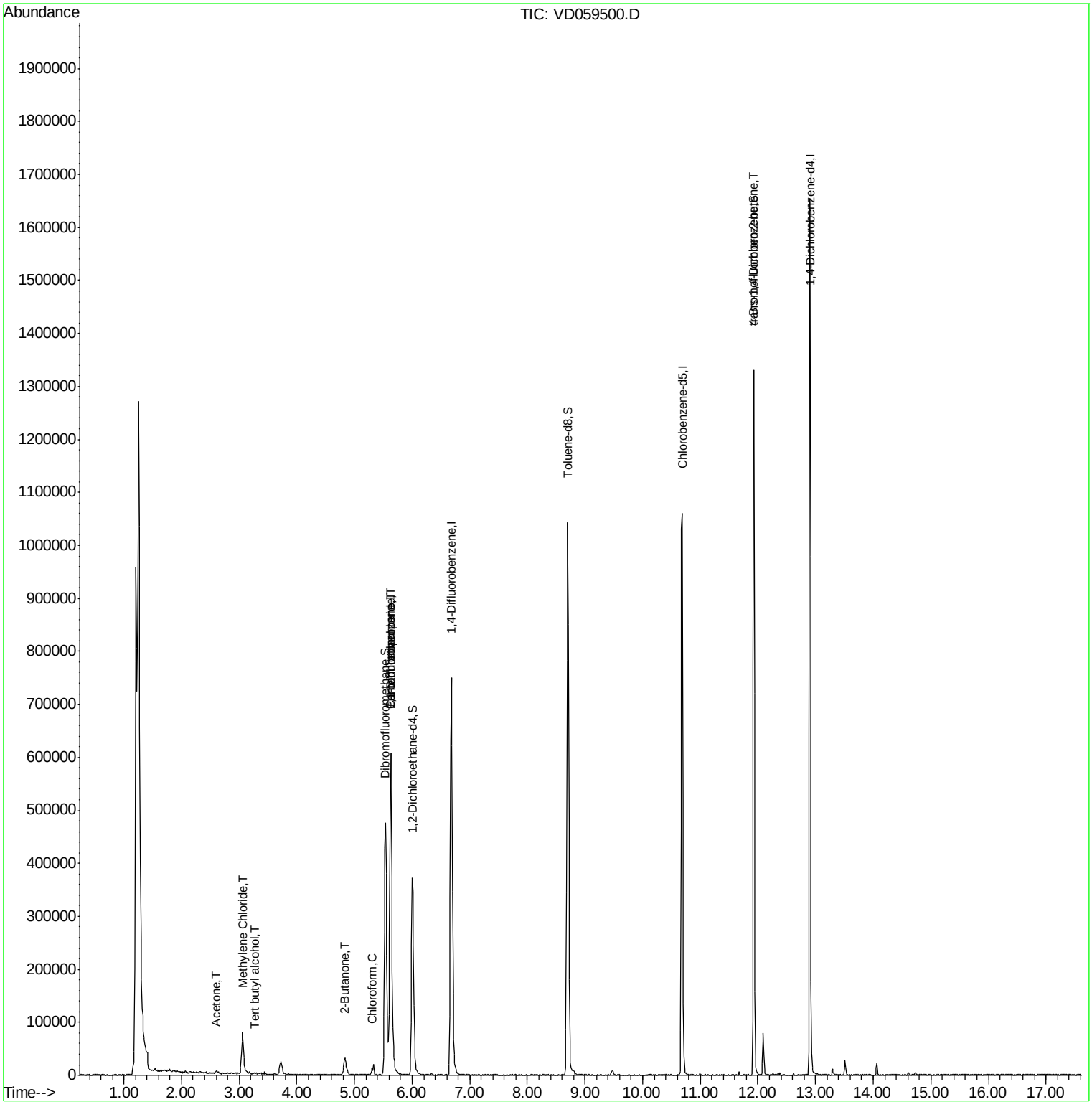
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	601061	50.00 ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	765104	50.00 ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	610492	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	343004	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.00	65	358699	58.36 ug/l	-0.03
Spiked Amount 50.000			Recovery = 116.72%		
35) Dibromofluoromethane	5.54	113	374495	60.09 ug/l	-0.02
Spiked Amount 50.000			Recovery = 120.18%		
50) Toluene-d8	8.70	98	811951	55.73 ug/l	-0.02
Spiked Amount 50.000			Recovery = 111.46%		
62) 4-Bromofluorobenzene	11.93	95	337098	55.63 ug/l	0.00
Spiked Amount 50.000			Recovery = 111.26%		
Target Compounds					Qvalue
5) Bromomethane	1.79	94	500	Below Cal #	4
11) Tert butyl alcohol	3.26	59	252	1.185 ug/l #	72
16) Acetone	2.60	43	10026	12.924 ug/l #	90
18) Methyl Acetate	2.92	43	447	Below Cal #	66
20) Methylene Chloride	3.06	84	32905	13.472 ug/l	90
25) 2-Butanone	4.83	43	3132	1.927 ug/l #	57
30) Chloroform	5.30	83	14001	1.316 ug/l	86
31) Cyclohexane	5.63	56	13645	Below Cal #	1
36) 1,1-Dichloropropene	5.63	75	49240	7.095 ug/l #	51
38) Carbon Tetrachloride	5.63	117	49360	6.898 ug/l #	17
81) trans-1,4-Dichloro-2-buten	11.93	75	168077	156.298 ug/l #	1

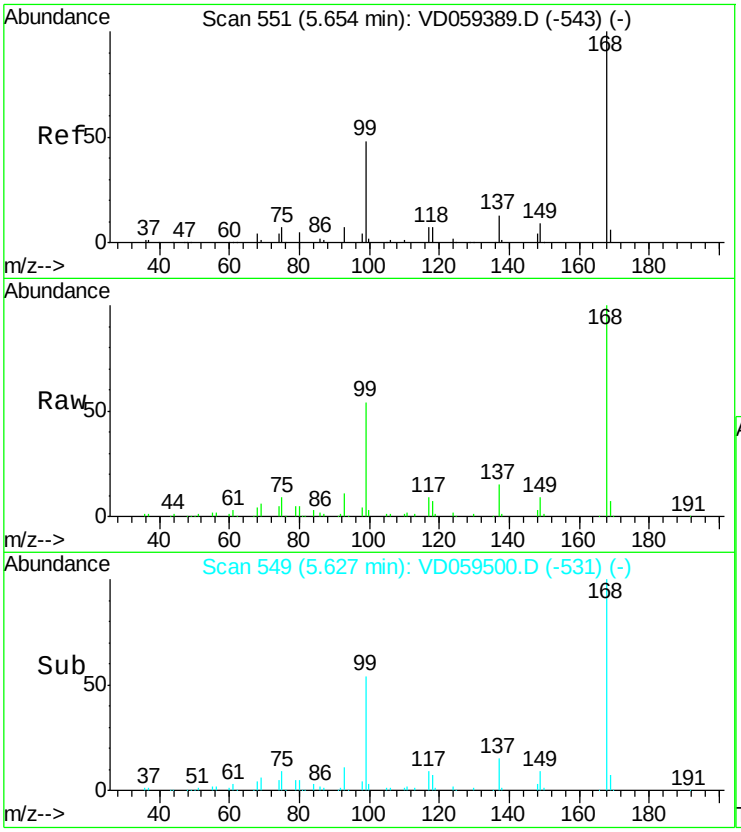
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
Data File : VD059500.D
Acq On : 29 Jun 2018 19:12
Operator : VA/AP
Sample : J3761-02
Misc : 6.72g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 30 00:27:25 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

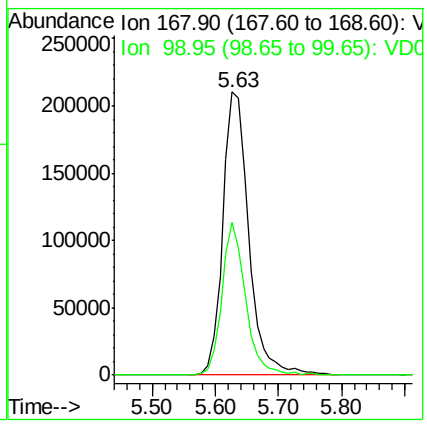


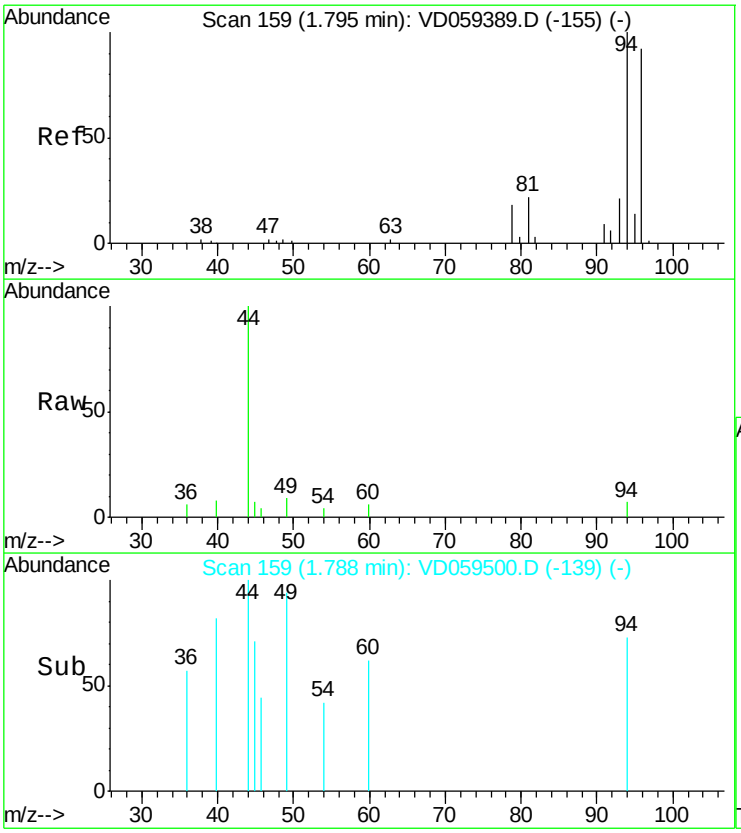


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.03 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion:168 Resp: 601061

Ion	Ratio	Lower	Upper
168	100		
99	54.0	41.0	61.6

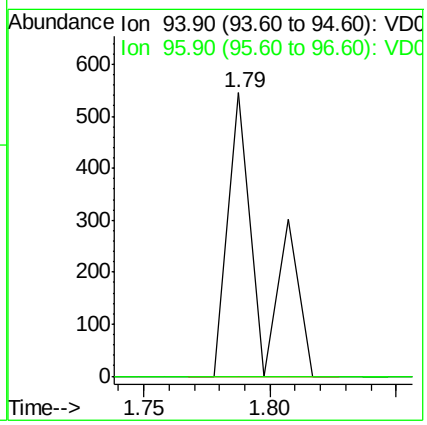


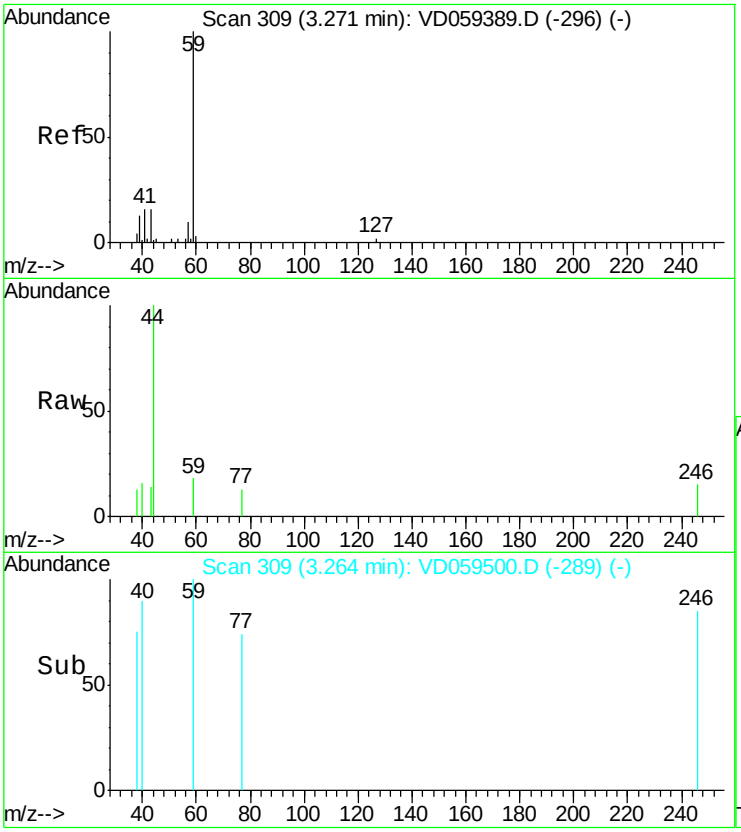


#5
Bromomethane
Concen: Below Cal
RT: 1.79 min Scan# 159
Delta R.T. -0.01 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 94 Resp: 500

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.0#

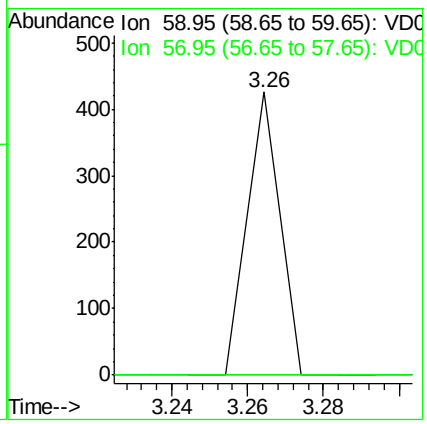


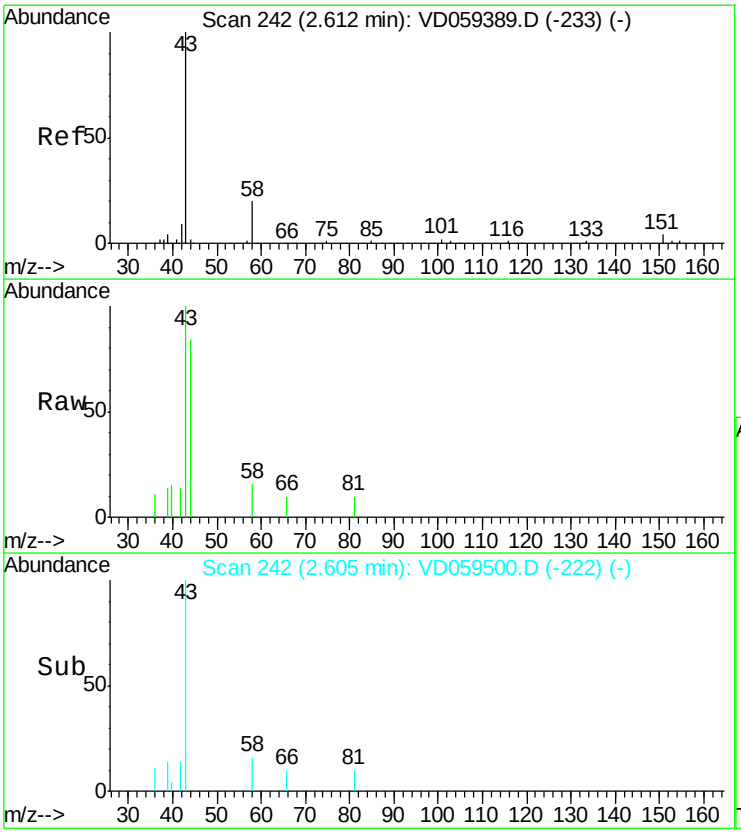


#11
Tert butyl alcohol
Concen: 1.185 ug/l
RT: 3.26 min Scan# 309
Delta R.T. -0.01 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 59 Resp: 252

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

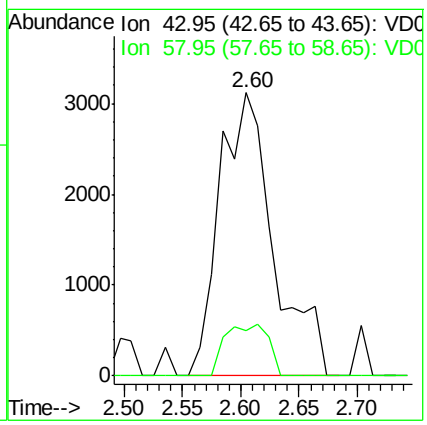


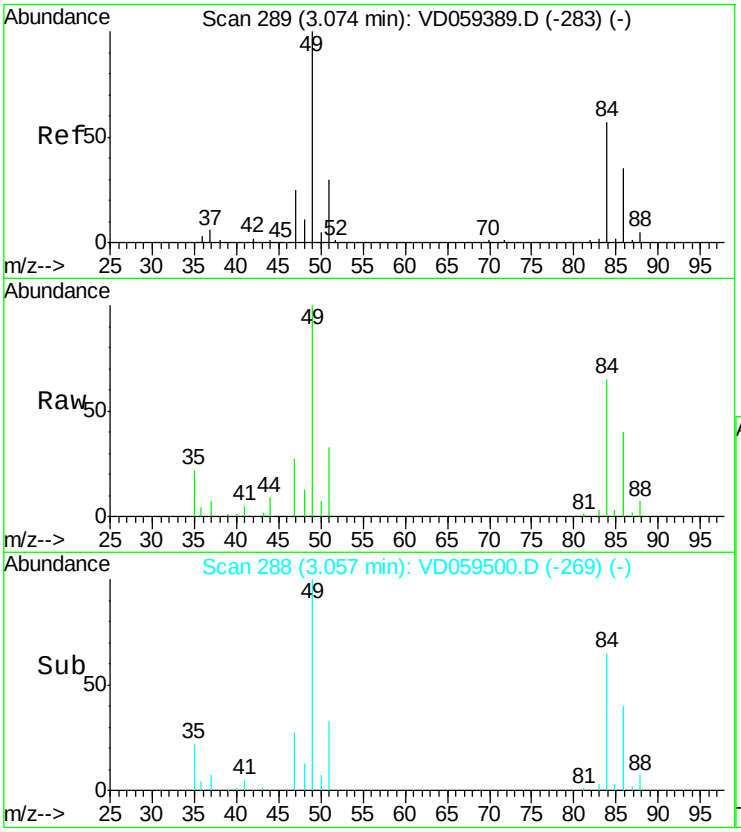


#16
Acetone
Concen: 12.924 ug/l
RT: 2.60 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 43 Resp: 10026

Ion	Ratio	Lower	Upper
43	100		
58	16.1	16.8	25.2#

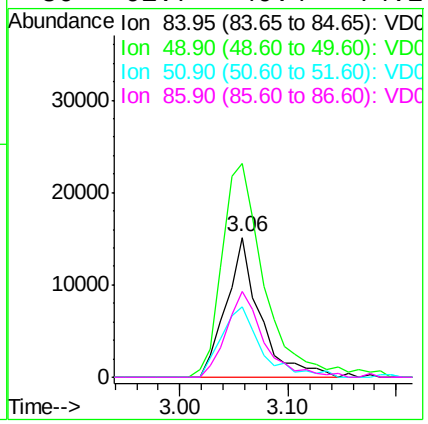


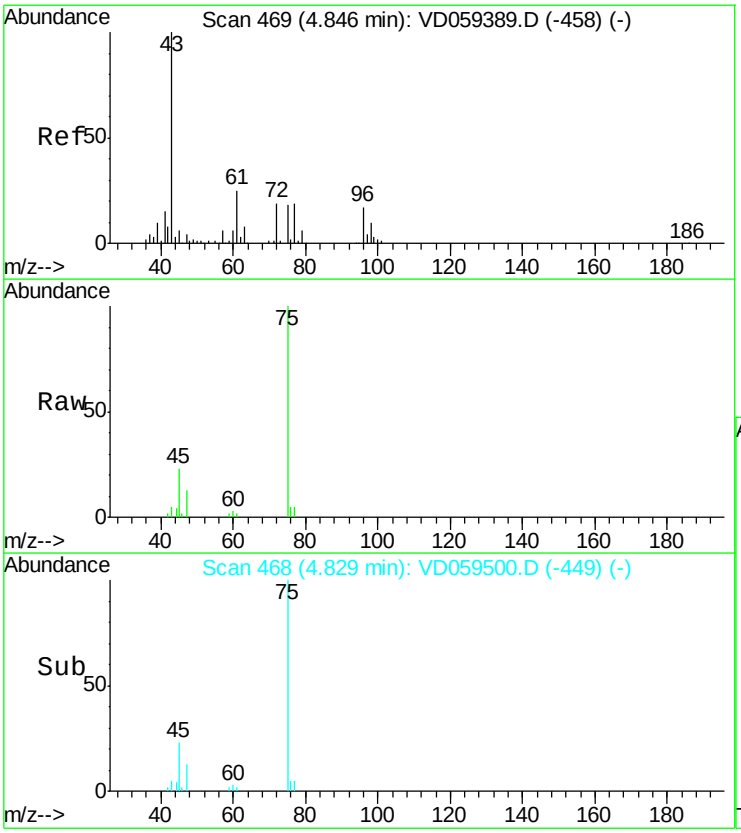


#20
Methylene Chloride
Concen: 13.472 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 84 Resp: 32905

Ion	Ratio	Lower	Upper
84	100		
49	152.8	140.3	210.5
51	50.7	41.6	62.4
86	61.7	49.4	74.2

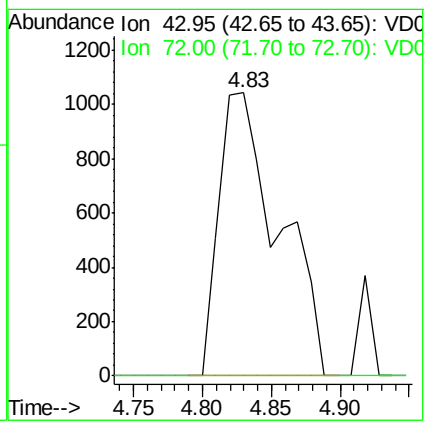


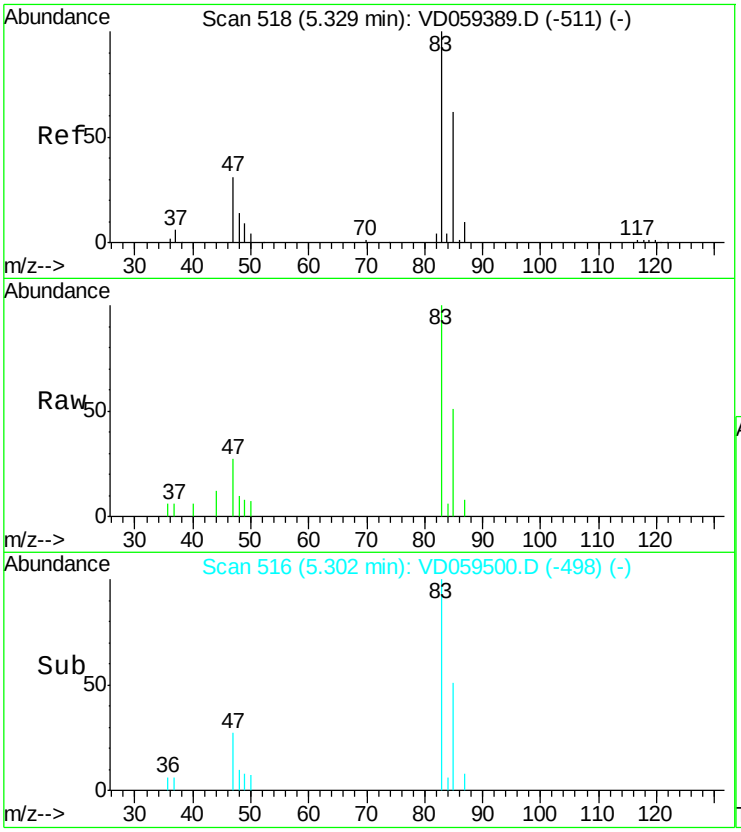


#25
2-Butanone
Concen: 1.927 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.02 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 43 Resp: 3132

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

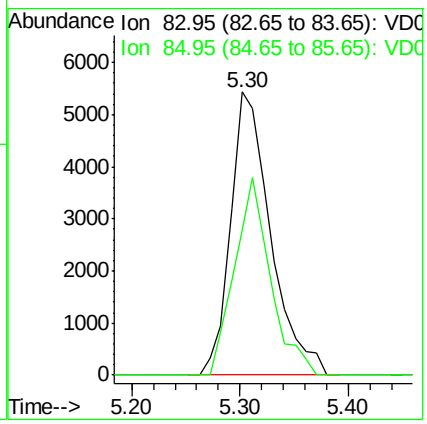


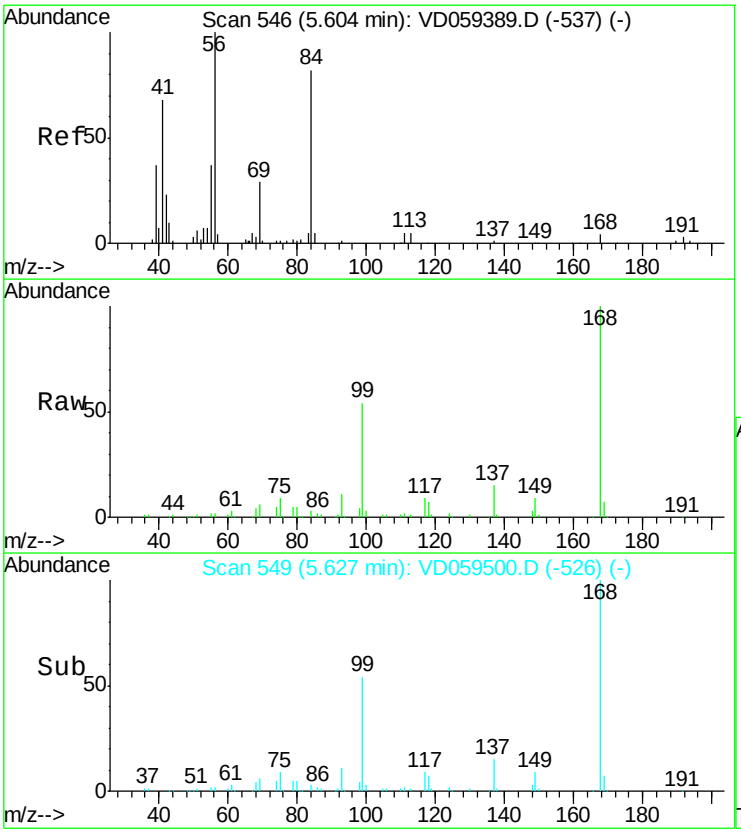


#30
Chloroform
Concen: 1.316 ug/l
RT: 5.30 min Scan# 516
Delta R.T. -0.03 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 83 Resp: 14001

Ion	Ratio	Lower	Upper
83	100		
85	51.2	49.3	73.9

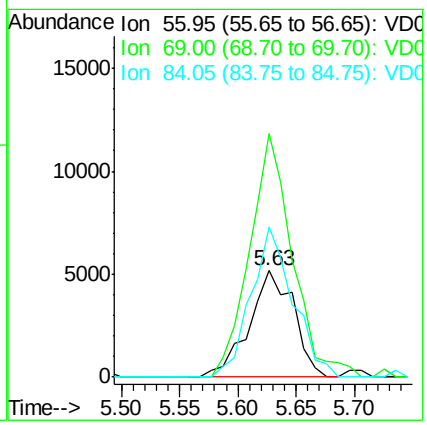


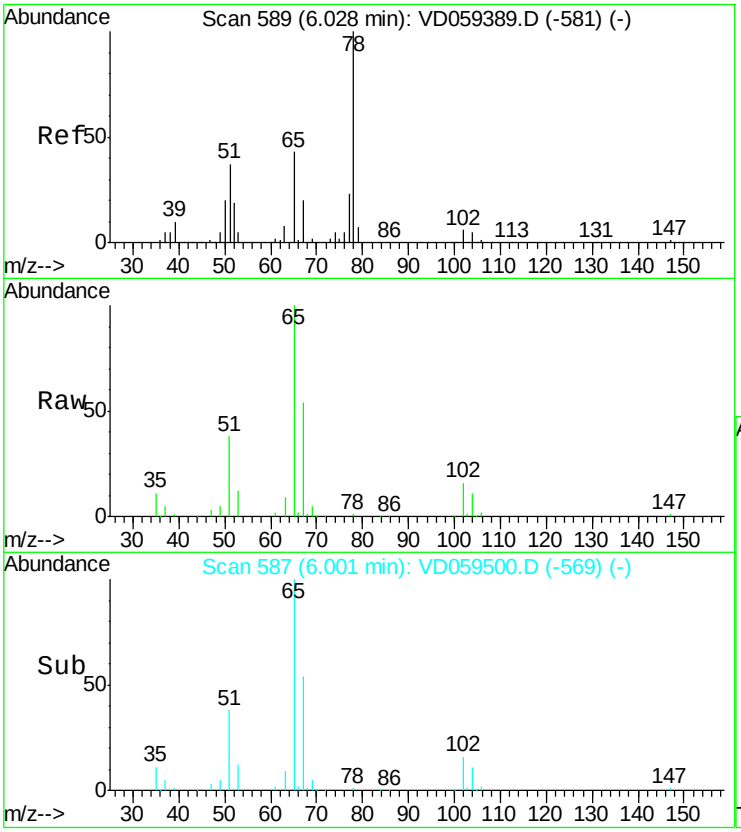


#31
Cyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 56 Resp: 13645

Ion	Ratio	Lower	Upper
56	100		
69	228.6	22.9	34.3#
84	141.6	67.3	100.9#

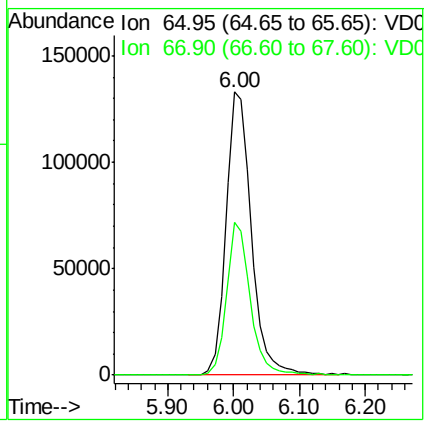


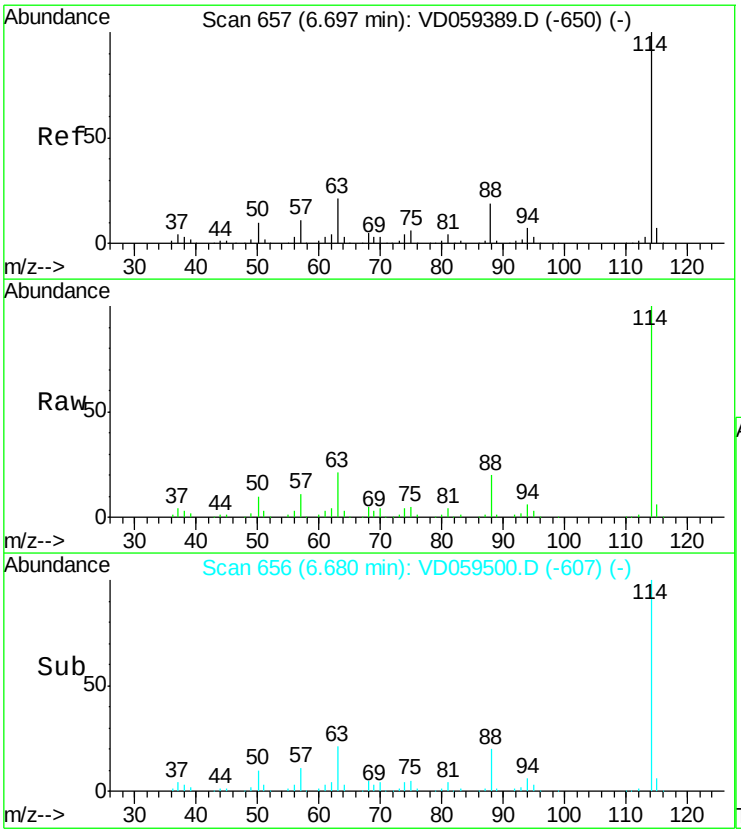


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 65 Resp: 358699

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	93.8

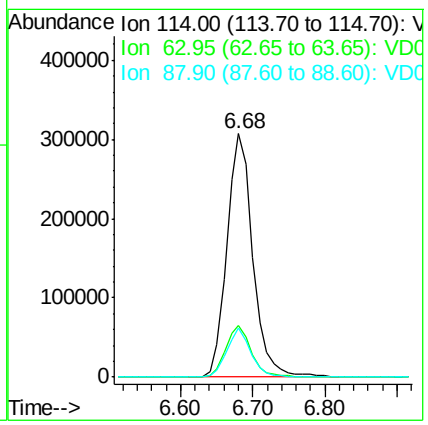


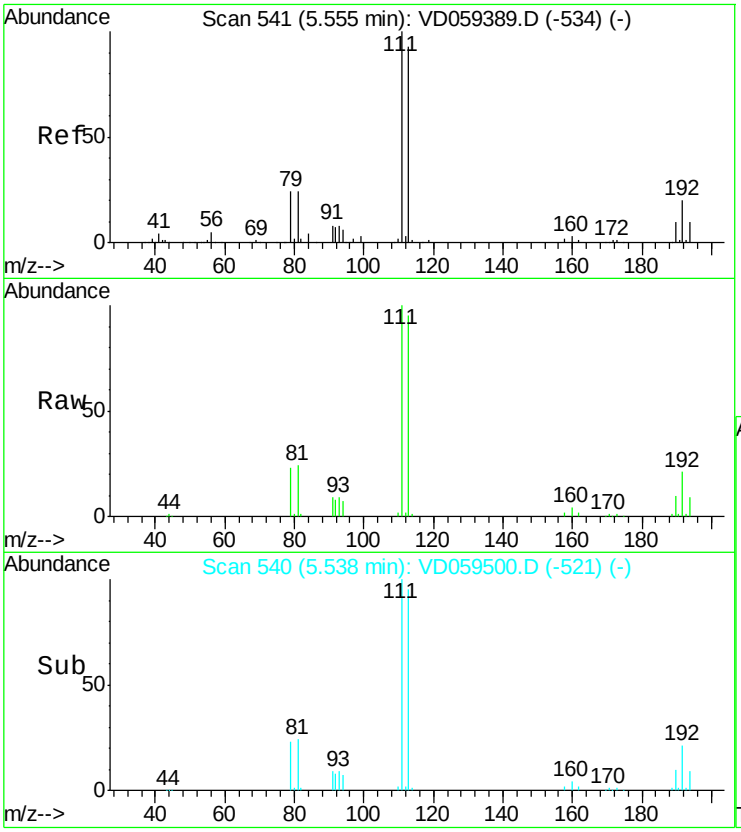


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.02 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion:114 Resp: 765104

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	20.2	0.0	38.0

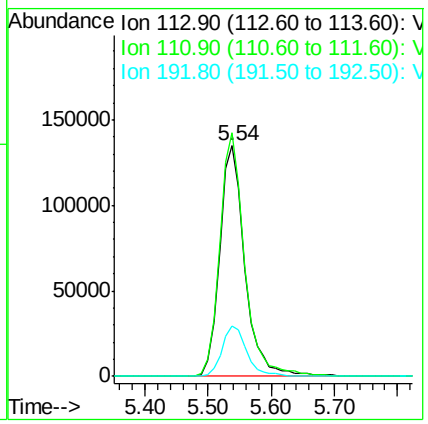


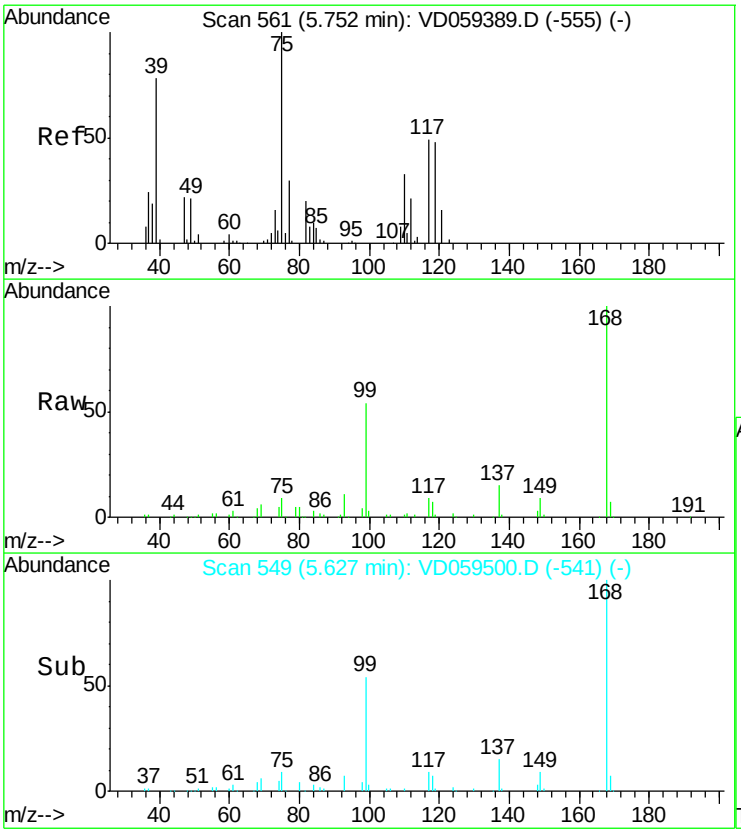


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion:113 Resp: 374495

Ion	Ratio	Lower	Upper
113	100		
111	105.6	85.7	128.5
192	22.0	16.9	25.3

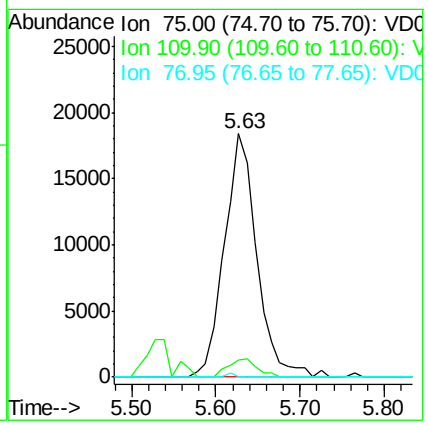


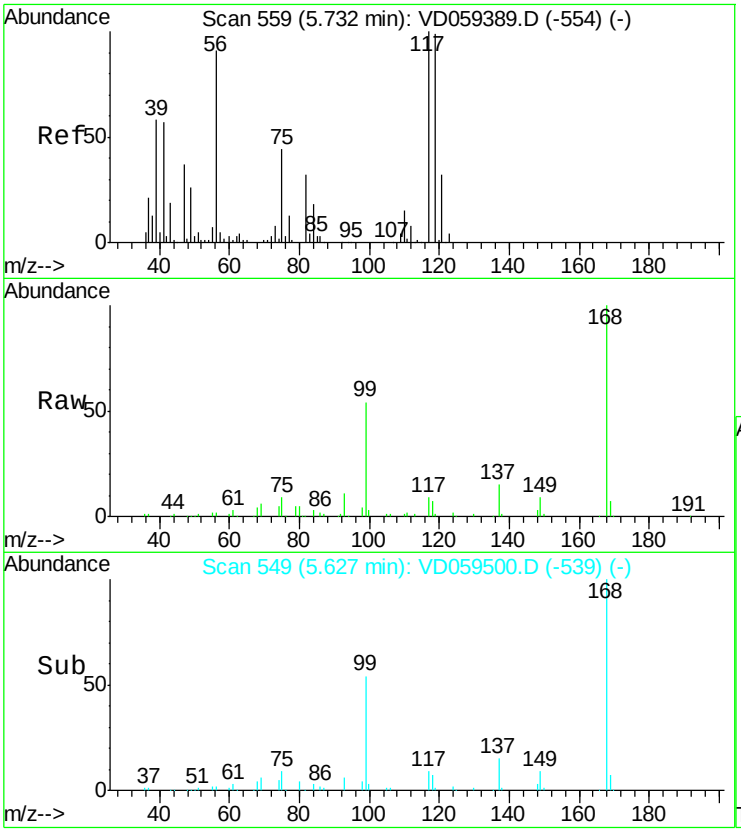


#36
1,1-Dichloropropene
Concen: 7.095 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.13 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 75 Resp: 49240

Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.1	48.2#
77	0.0	23.4	35.2#

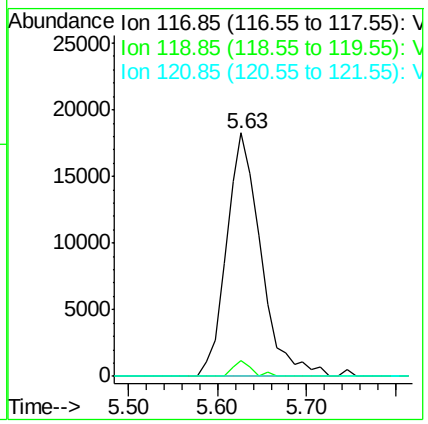


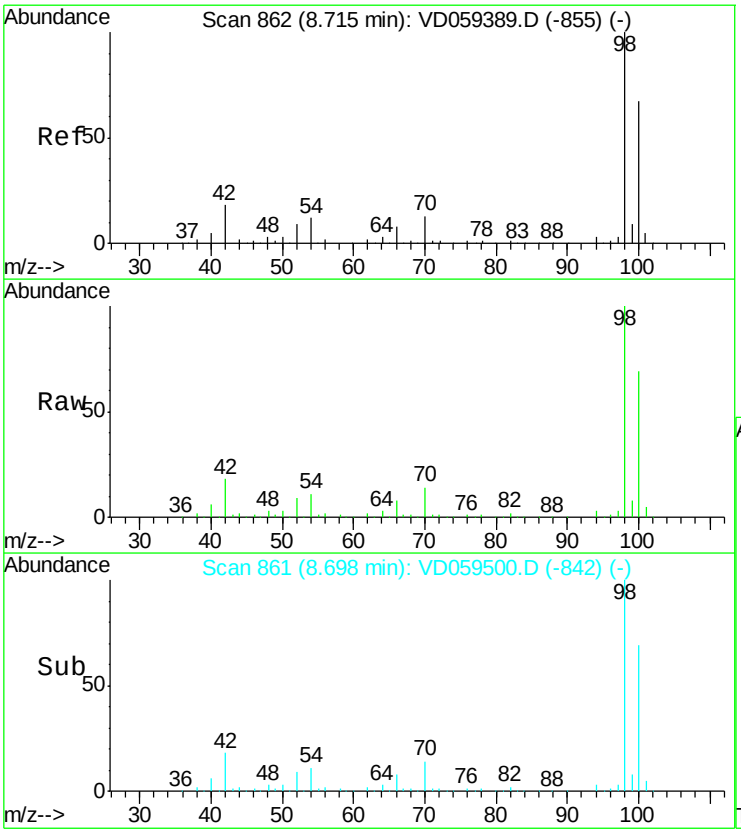


#38
Carbon Tetrachloride
Concen: 6.898 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.11 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion:117 Resp: 49360

Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.6	115.0#
121	0.0	25.0	37.4#

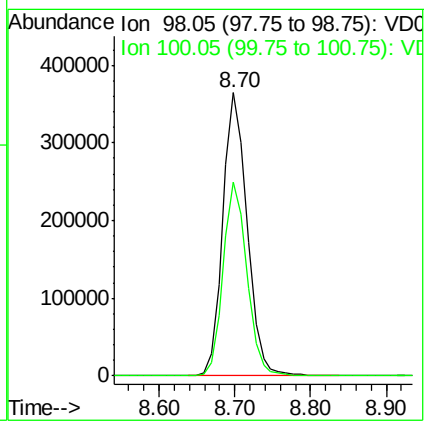


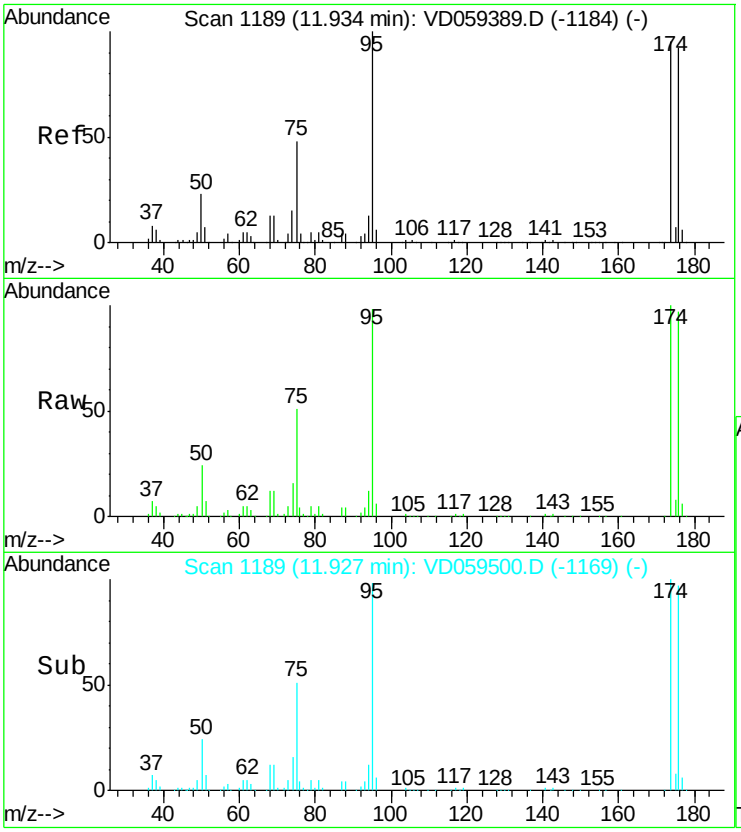


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 98 Resp: 811951

Ion	Ratio	Lower	Upper
98	100		
100	68.6	54.4	81.6

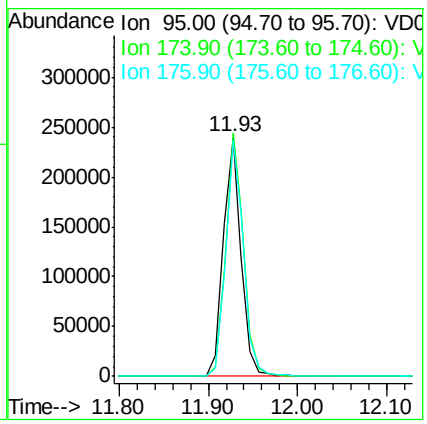


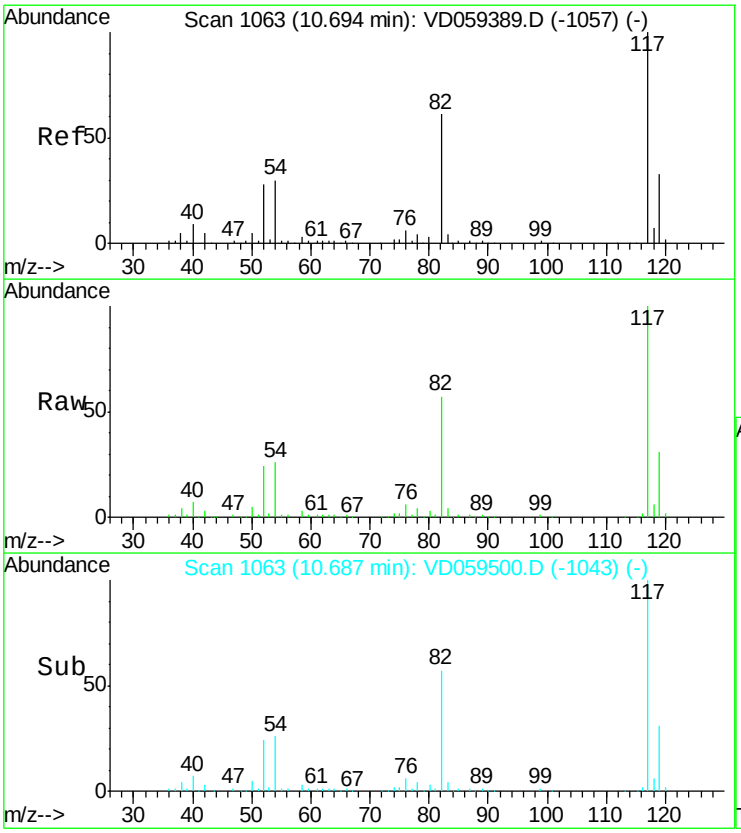


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 95 Resp: 337098

Ion	Ratio	Lower	Upper
95	100		
174	101.8	0.0	190.4
176	98.5	0.0	183.2

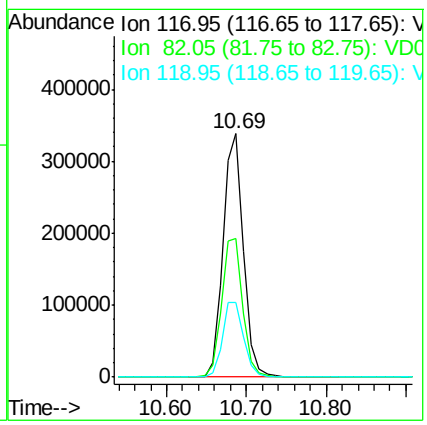


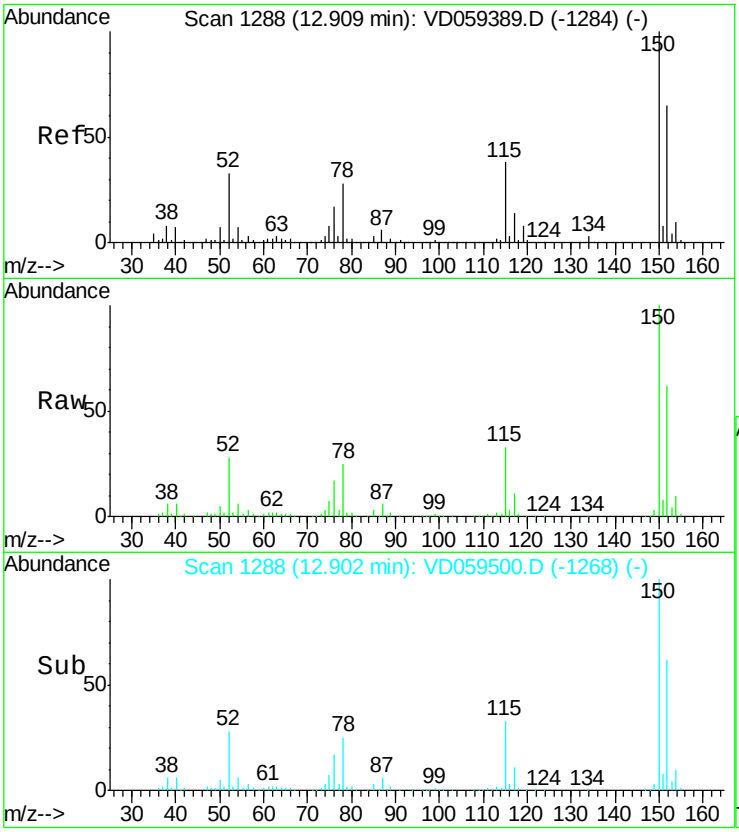


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion:117 Resp: 610492

Ion	Ratio	Lower	Upper
117	100		
82	56.7	49.0	73.6
119	30.5	26.2	39.4

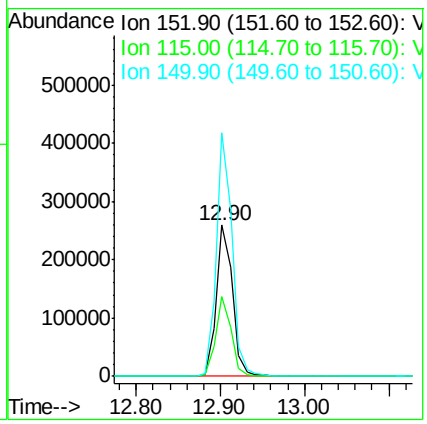


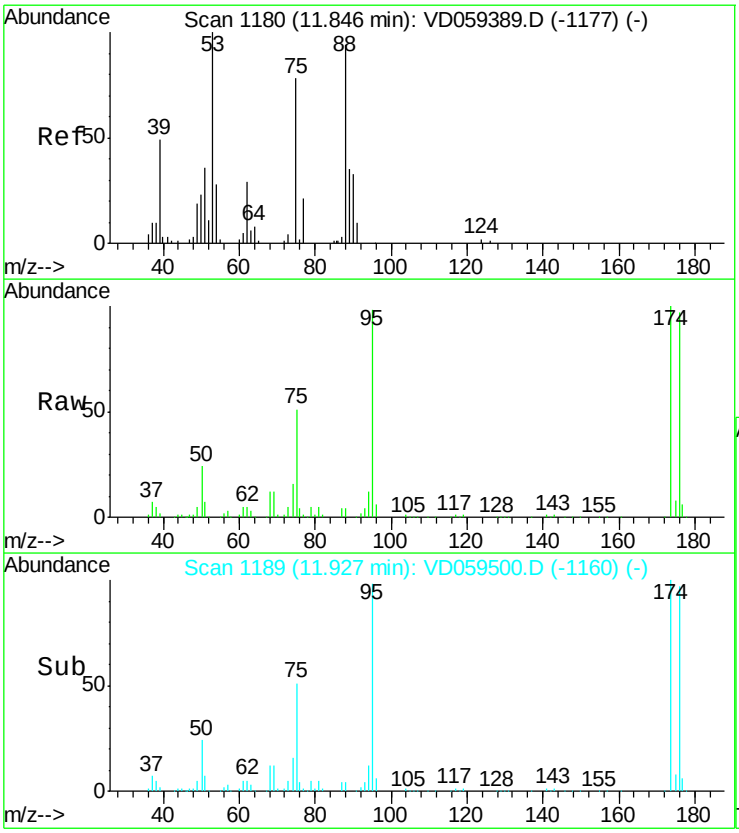


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion:152 Resp: 343004

Ion	Ratio	Lower	Upper
152	100		
115	53.2	29.4	88.3
150	161.3	0.0	308.2





#81
trans-1,4-Dichloro-2-butene
Concen: 156.298 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.08 min
Lab File: VD059500.D
Acq: 29 Jun 2018 19:12

Tgt Ion: 75 Resp: 168077

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