Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
Data File : VD059501.D
Acq On : 29 Jun 2018 19:40
Operator : VA/AP
Sample : J3761-02RE
Misc : 7.49g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 30 00:27:32 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

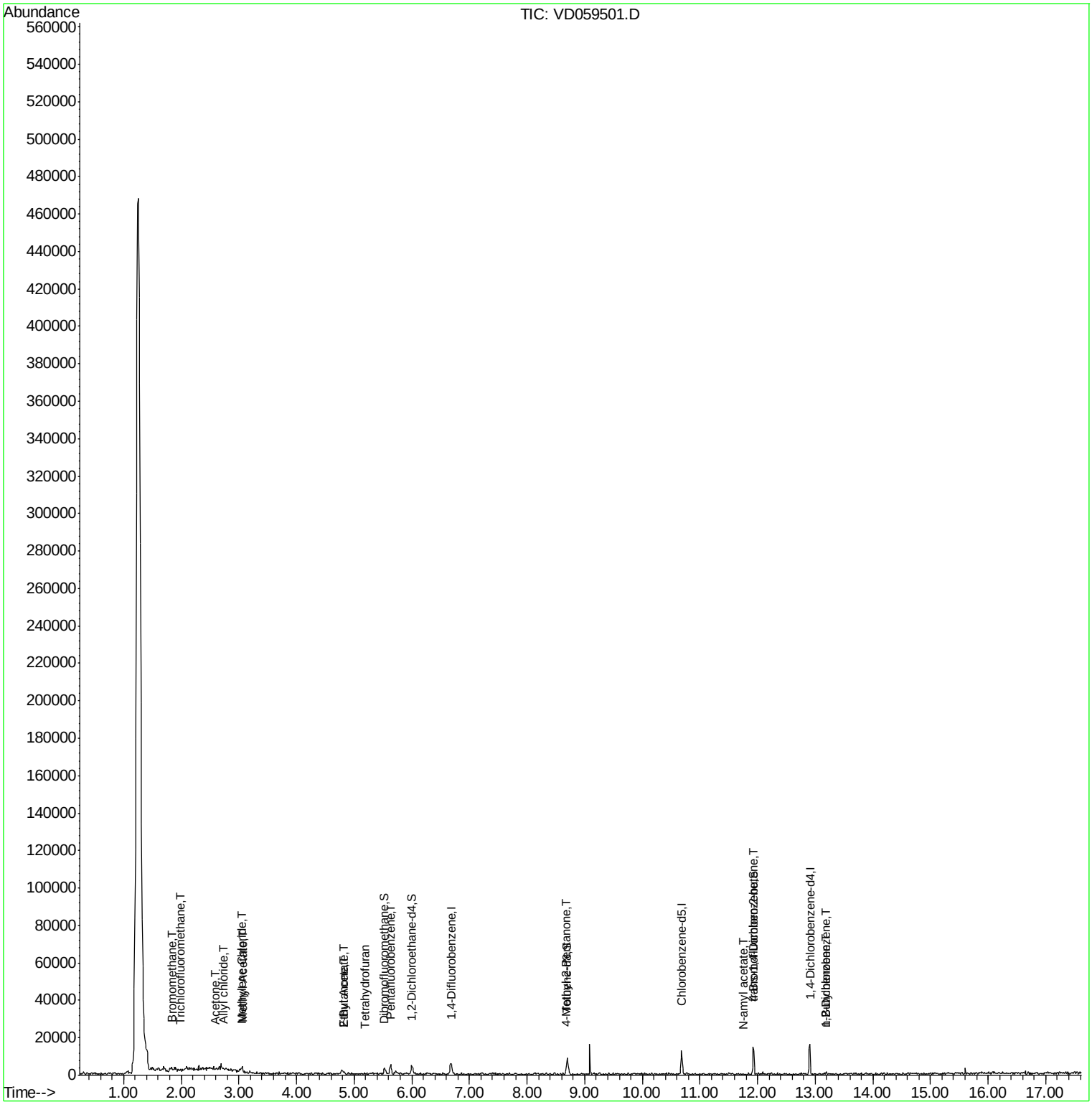
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	5824	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	8763	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	8611	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	3577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	4985	83.70	ug/l	-0.03
Spiked Amount 50.000			Recovery = 167.40%			
35) Dibromofluoromethane	5.53	113	2975	41.68	ug/l	-0.02
Spiked Amount 50.000			Recovery = 83.36%			
50) Toluene-d8	8.69	98	7750	46.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 92.90%			
62) 4-Bromofluorobenzene	11.92	95	4646	66.94	ug/l	-0.01
Spiked Amount 50.000			Recovery = 133.88%			
Target Compounds						Qvalue
5) Bromomethane	1.83	94	790	84.509	ug/l #	4
7) Trichlorofluoromethane	1.98	101	187	4.636	ug/l #	17
14) Allyl chloride	2.74	41	185	4.212	ug/l #	11
16) Acetone	2.59	43	640	85.142	ug/l #	55
18) Methyl Acetate	3.05	43	194	8.836	ug/l #	66
20) Methylene Chloride	3.04	84	277	11.360	ug/l #	63
25) 2-Butanone	4.84	43	191	12.130	ug/l #	57
29) Tetrahydrofuran	5.18	42	183	21.247	ug/l #	37
37) Ethyl Acetate	4.84	43	191	3.945	ug/l #	69
51) 4-Methyl-2-Pentanone	8.67	43	191	4.715	ug/l #	42
74) N-amyl acetate	11.75	43	203	2.643	ug/l #	53
81) trans-1,4-Dichloro-2-buten	11.93	75	1619	144.369	ug/l #	1
89) n-Butylbenzene	13.19	91	264	1.582	ug/l #	31
91) 1,2-Dichlorobenzene	13.19	146	178	2.009	ug/l #	24

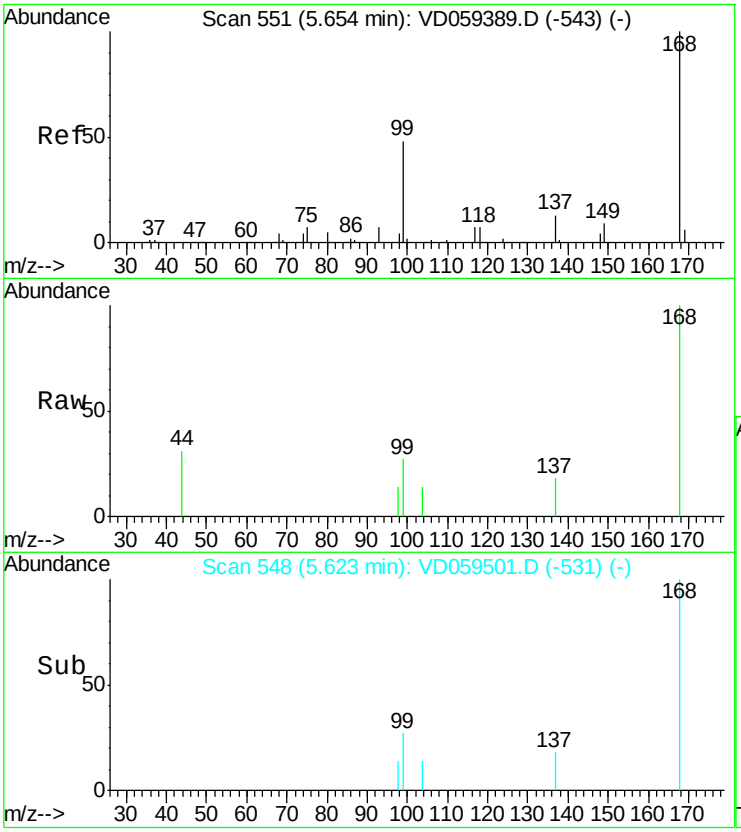
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
Data File : VD059501.D
Acq On : 29 Jun 2018 19:40
Operator : VA/AP
Sample : J3761-02RE
Misc : 7.49g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 30 00:27:32 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

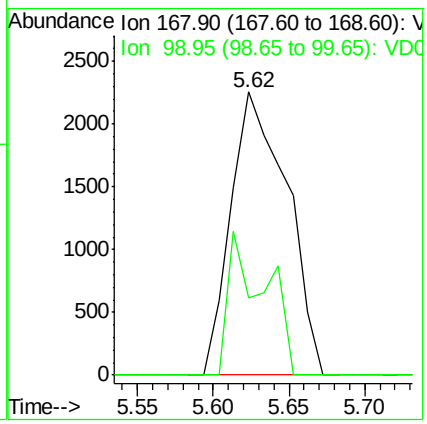


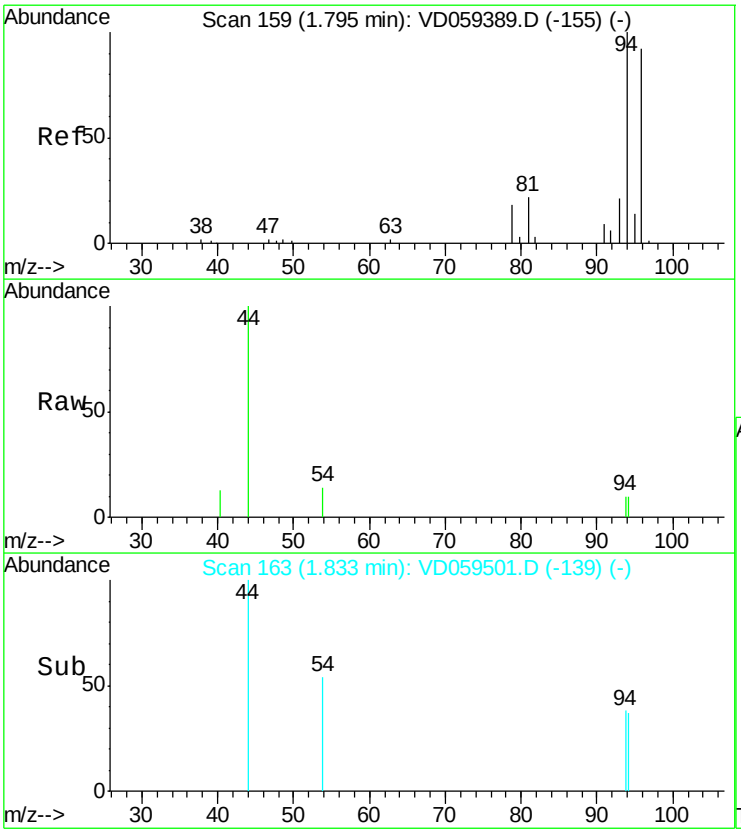


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.03 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:168 Resp: 5824

Ion	Ratio	Lower	Upper
168	100		
99	27.1	41.0	61.6#

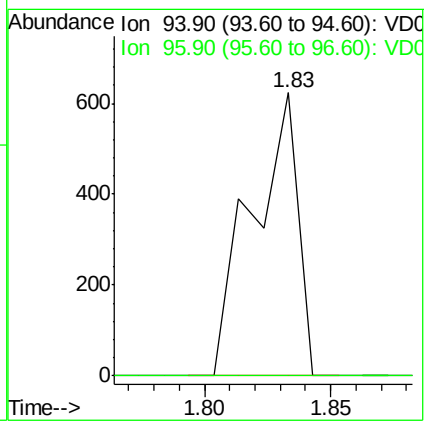


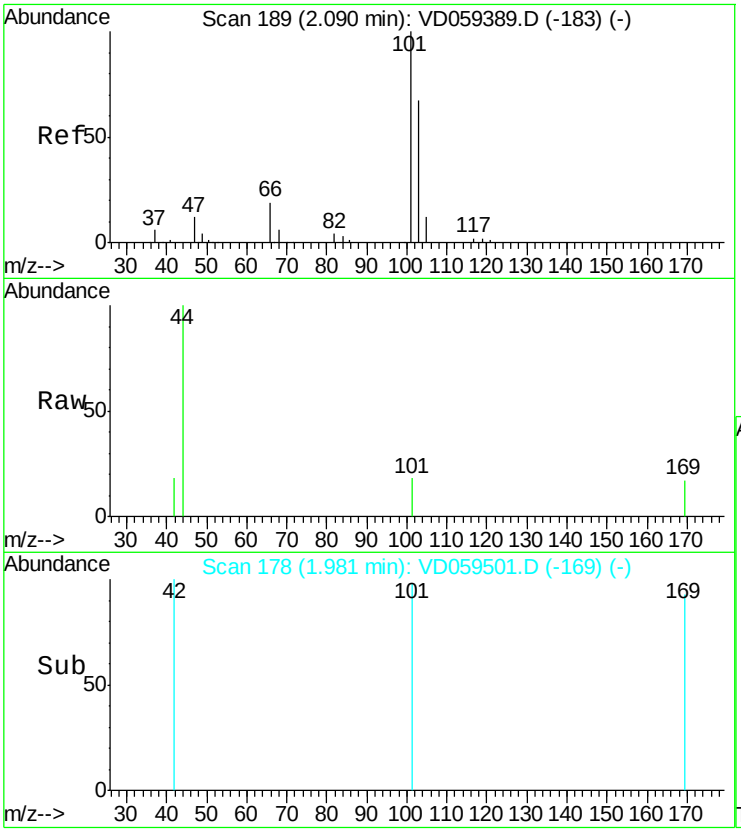


#5
Bromomethane
Concen: 84.509 ug/l
RT: 1.83 min Scan# 163
Delta R.T. 0.04 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 94 Resp: 790

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.0#

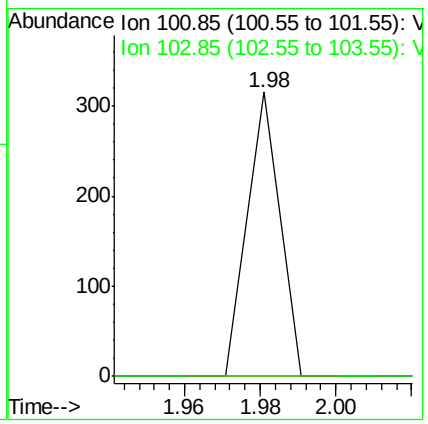


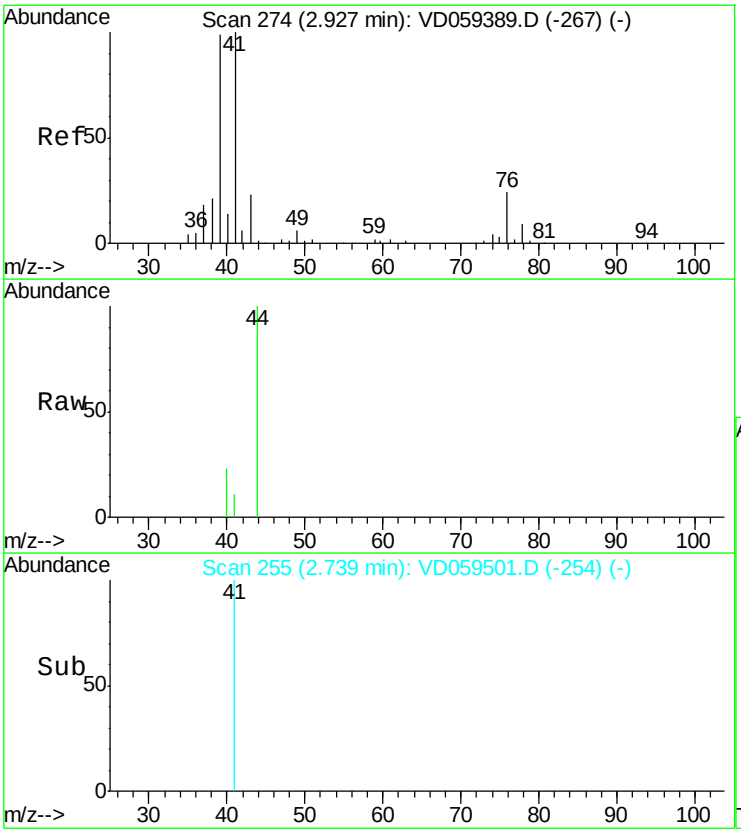


#7
Trichlorofluoromethane
Concen: 4.636 ug/l
RT: 1.98 min Scan# 178
Delta R.T. -0.11 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:101 Resp: 187

Ion	Ratio	Lower	Upper
101	100		
103	0.0	53.4	80.0#

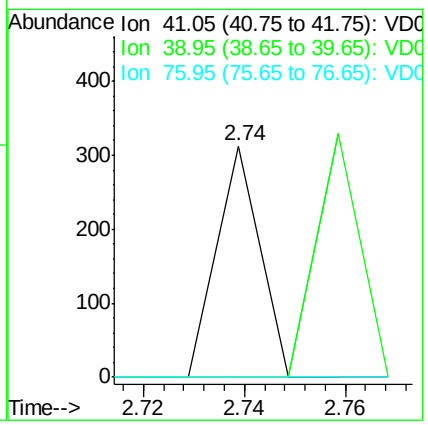


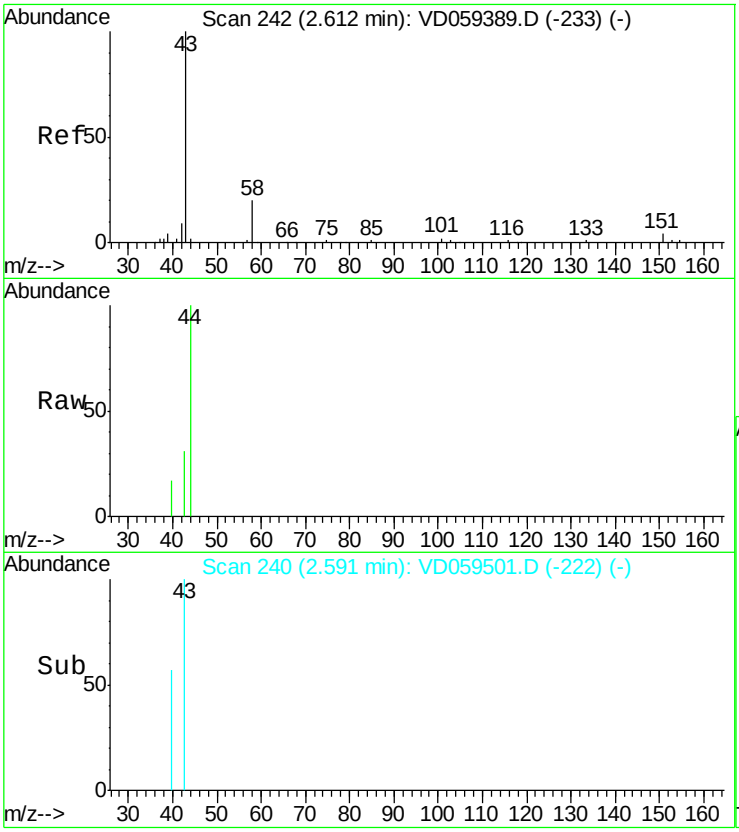


#14
Allyl chloride
Concen: 4.212 ug/l
RT: 2.74 min Scan# 255
Delta R.T. -0.19 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 41 Resp: 185

Ion	Ratio	Lower	Upper
41	100		
39	0.0	79.1	118.7#
76	0.0	21.9	32.9#

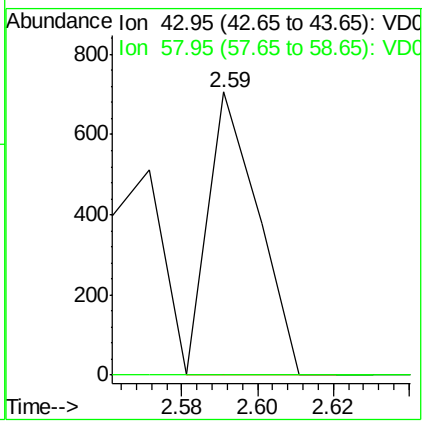


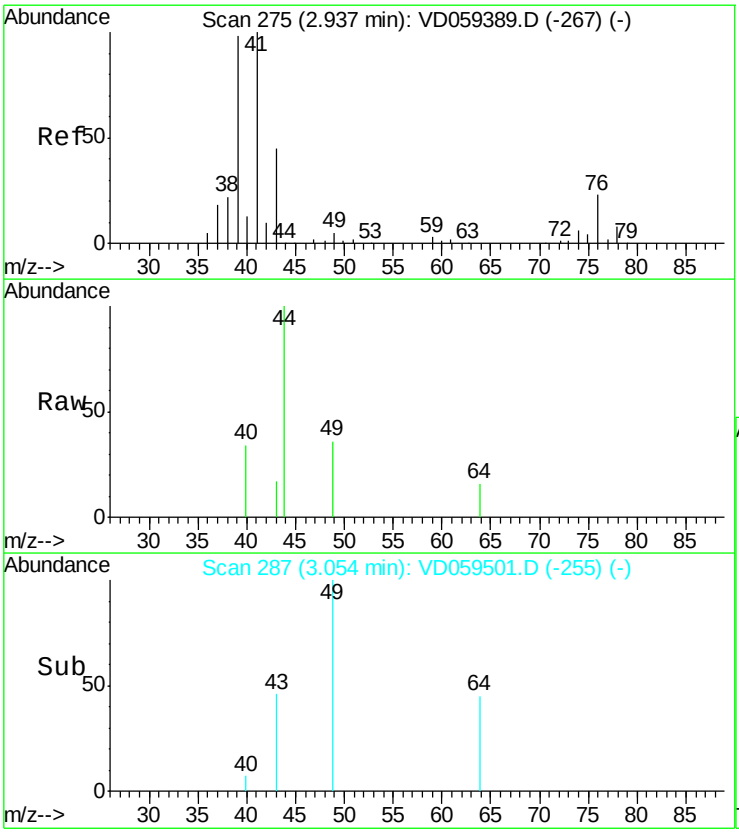


#16
Acetone
Concen: 85.142 ug/l
RT: 2.59 min Scan# 240
Delta R.T. -0.02 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 43 Resp: 640

Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.8	25.2#

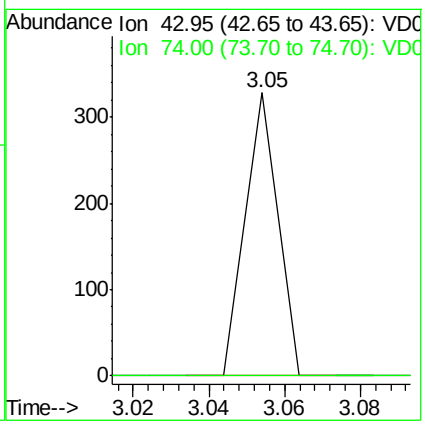


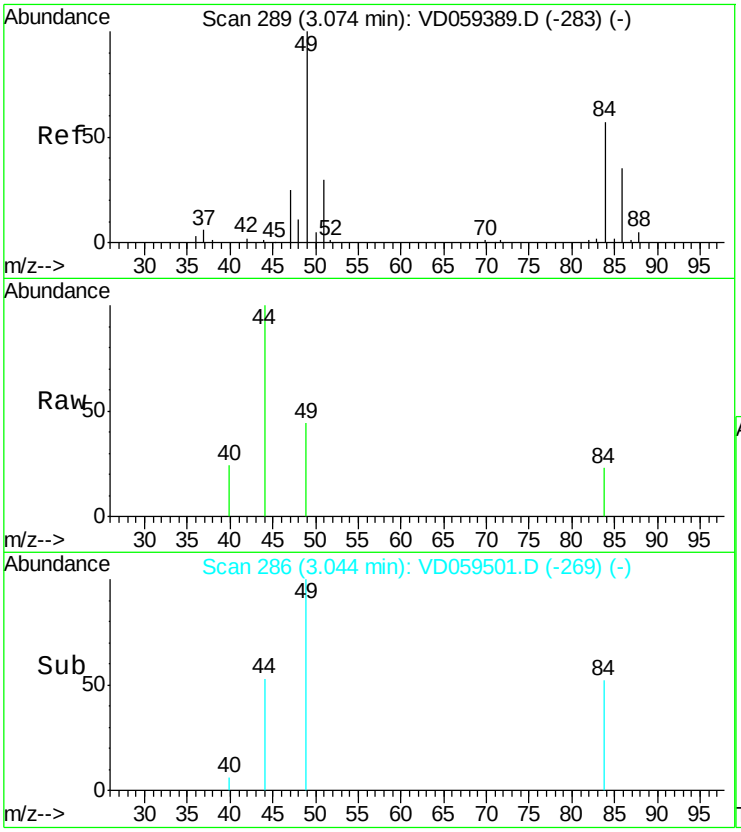


#18
Methyl Acetate
Concen: 8.836 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.12 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 43 Resp: 194

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.4#

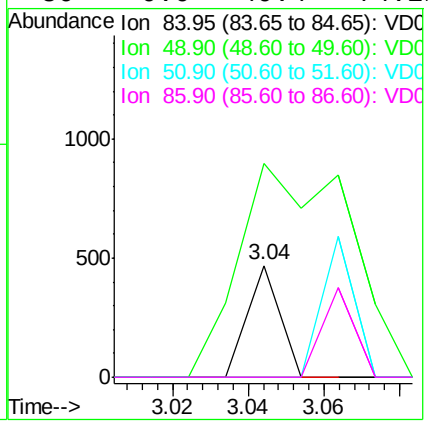


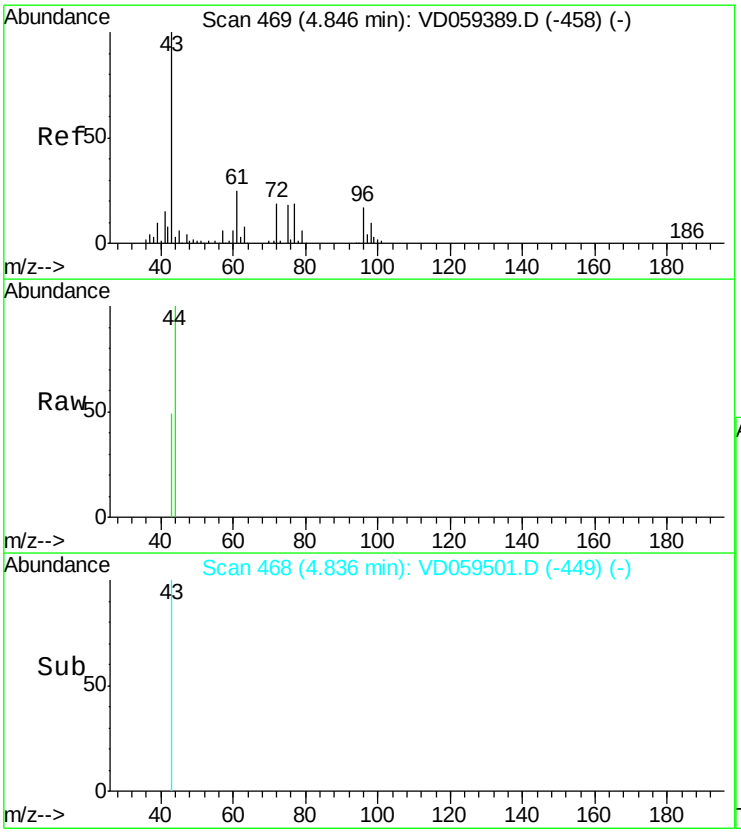


#20
Methylene Chloride
Concen: 11.360 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.03 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 84 Resp: 277

Ion	Ratio	Lower	Upper
84	100		
49	191.0	140.3	210.5
51	0.0	41.6	62.4#
86	0.0	49.4	74.2#

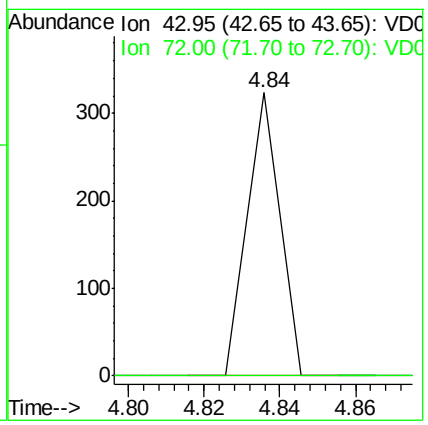


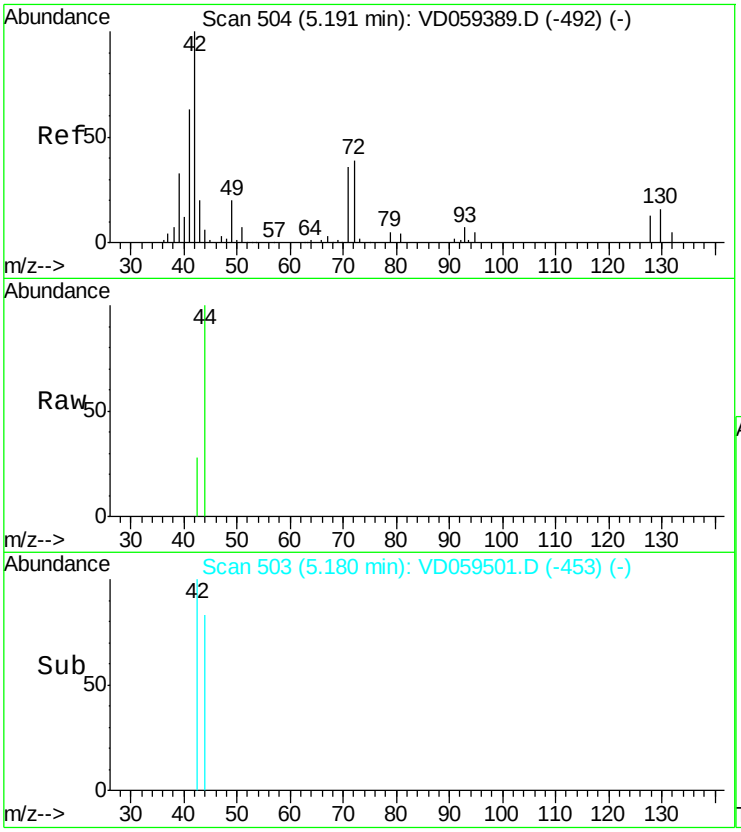


#25
2-Butanone
Concen: 12.130 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 43 Resp: 191

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

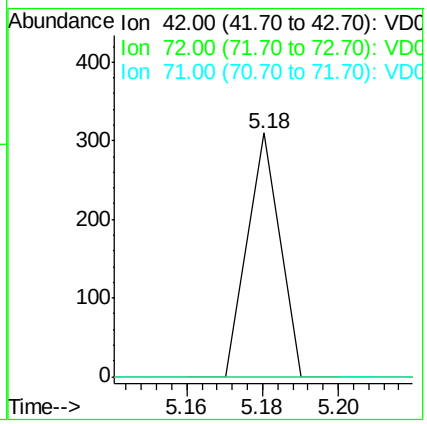


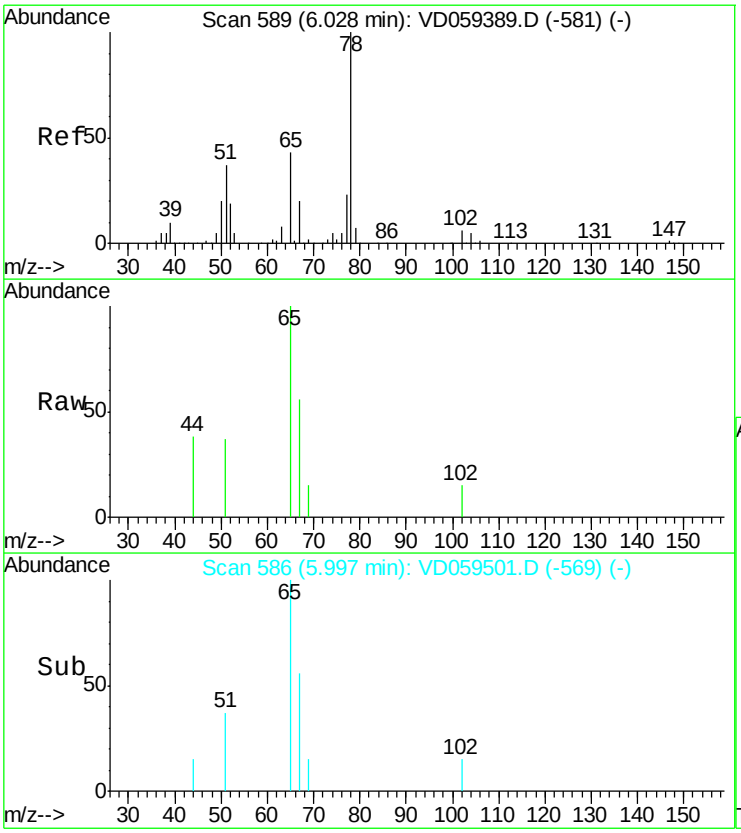


#29
Tetrahydrofuran
Concen: 21.247 ug/l
RT: 5.18 min Scan# 503
Delta R.T. -0.01 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 42 Resp: 183

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.2#
71	0.0	29.7	44.5#

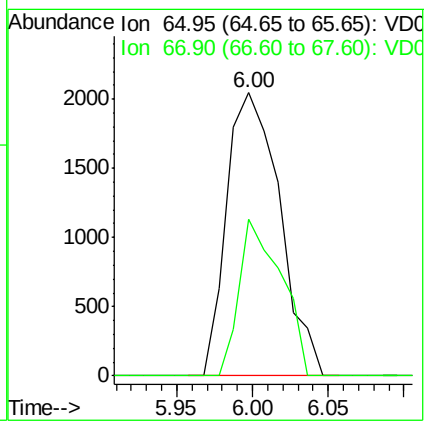


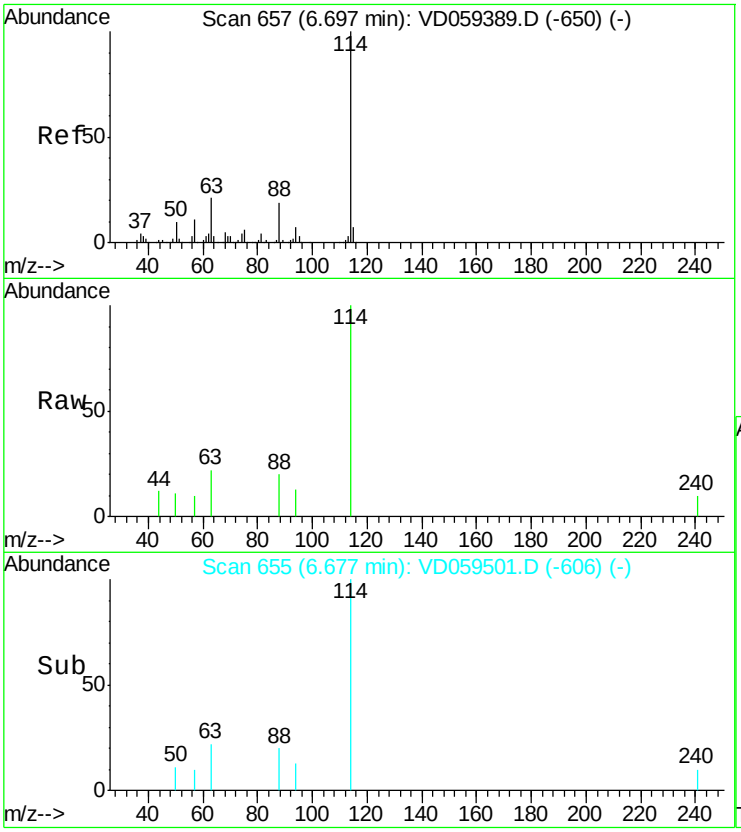


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 586
Delta R.T. -0.03 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 65 Resp: 4985

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	93.8

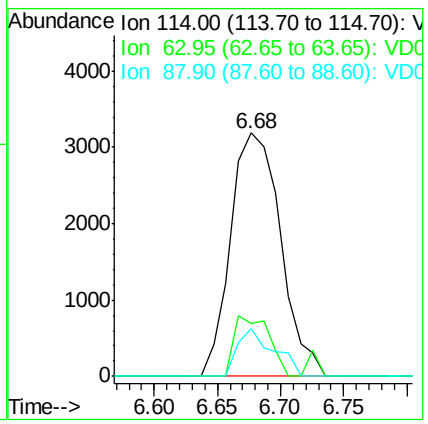


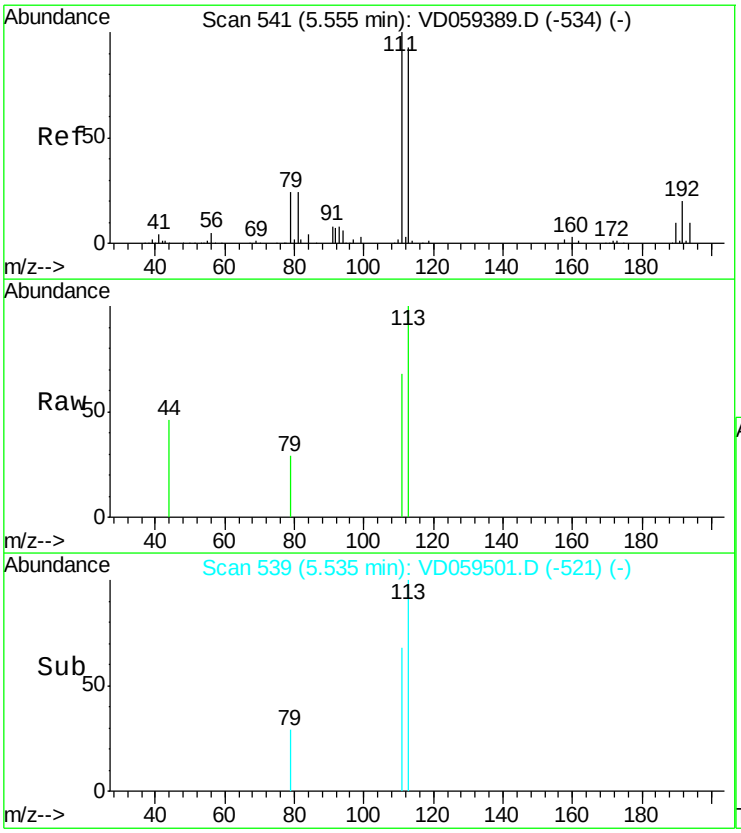


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 655
Delta R.T. -0.02 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:114 Resp: 8763

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.4
88	19.6	0.0	38.0

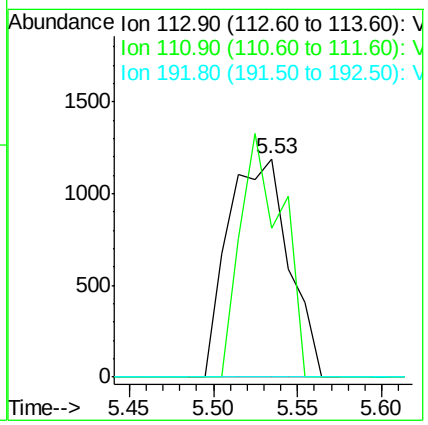


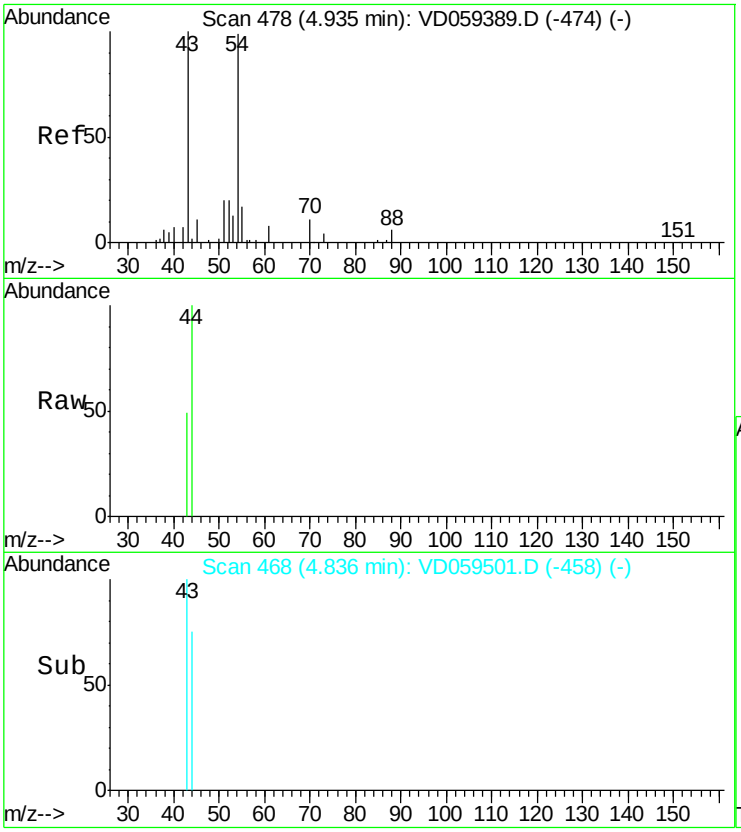


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:113 Resp: 2975

Ion	Ratio	Lower	Upper
113	100		
111	68.2	85.7	128.5#
192	0.0	16.9	25.3#

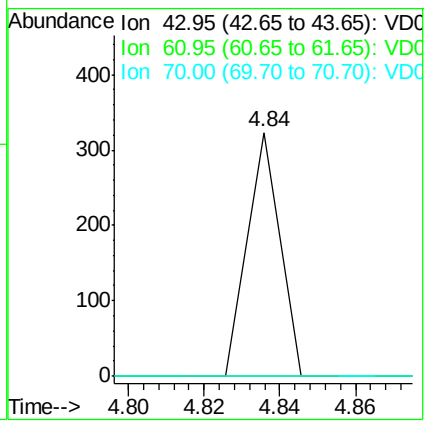


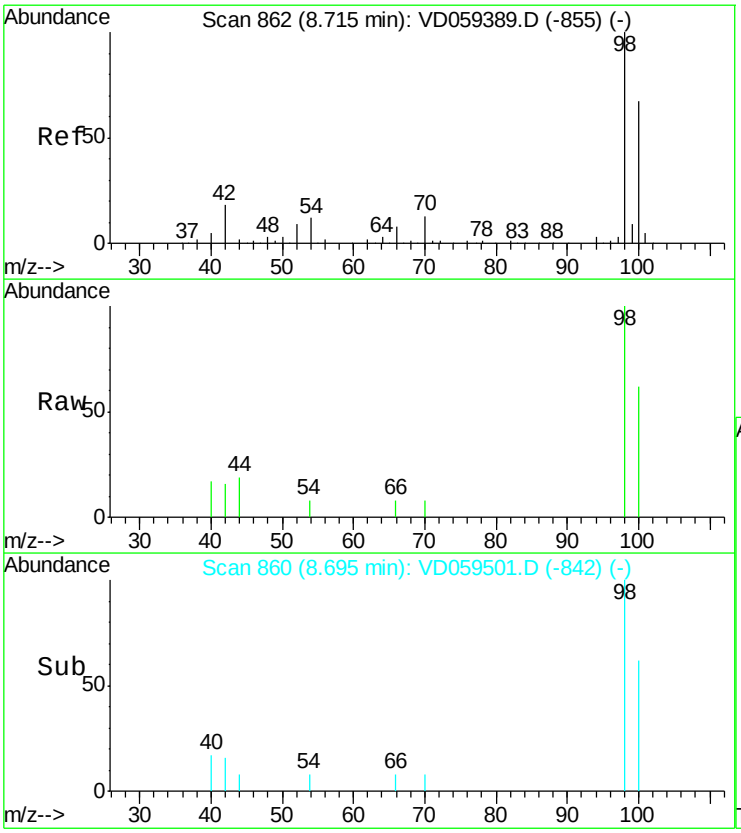


#37
Ethyl Acetate
Concen: 3.945 ug/l
RT: 4.84 min Scan# 468
Delta R.T. -0.10 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 43 Resp: 191

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

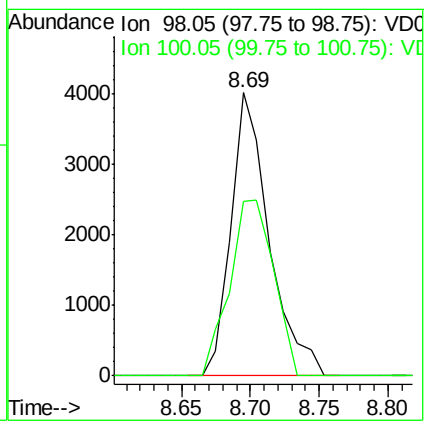


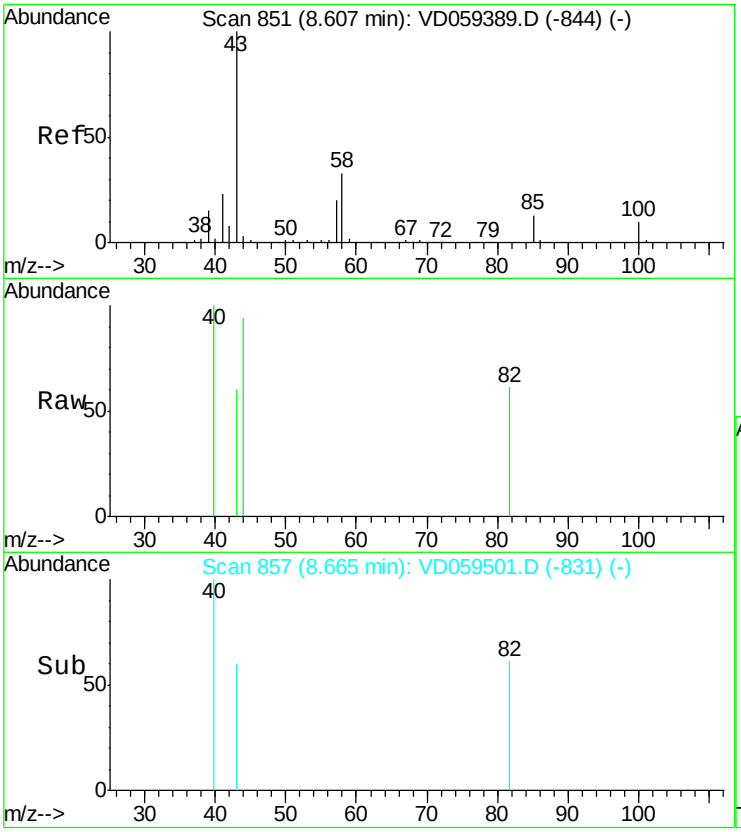


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 98 Resp: 7750

Ion	Ratio	Lower	Upper
98	100		
100	61.7	54.4	81.6

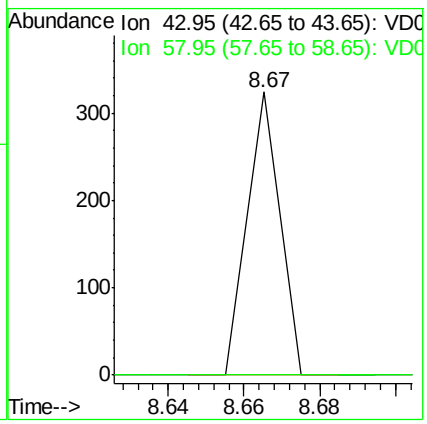


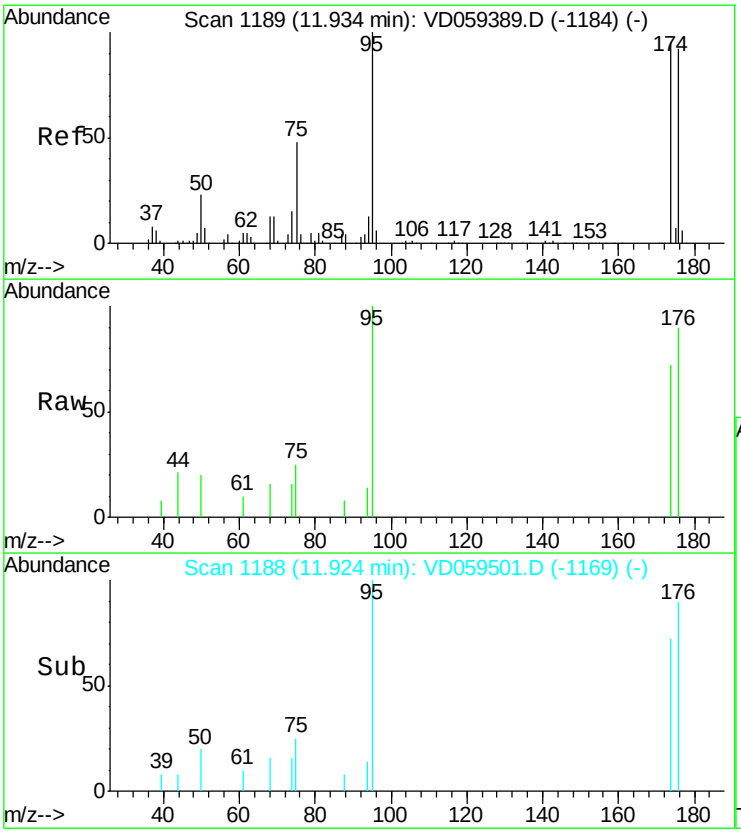


#51
4-Methyl-2-Pentanone
Concen: 4.715 ug/l
RT: 8.67 min Scan# 857
Delta R.T. 0.06 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 43 Resp: 191

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.3	39.5#

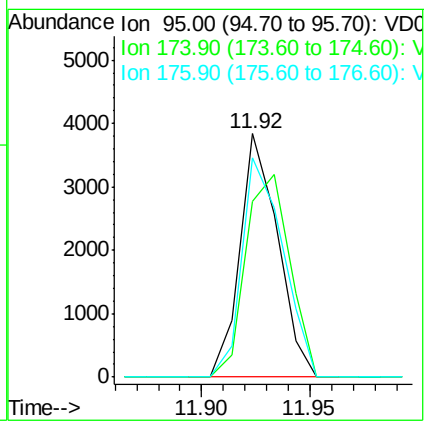


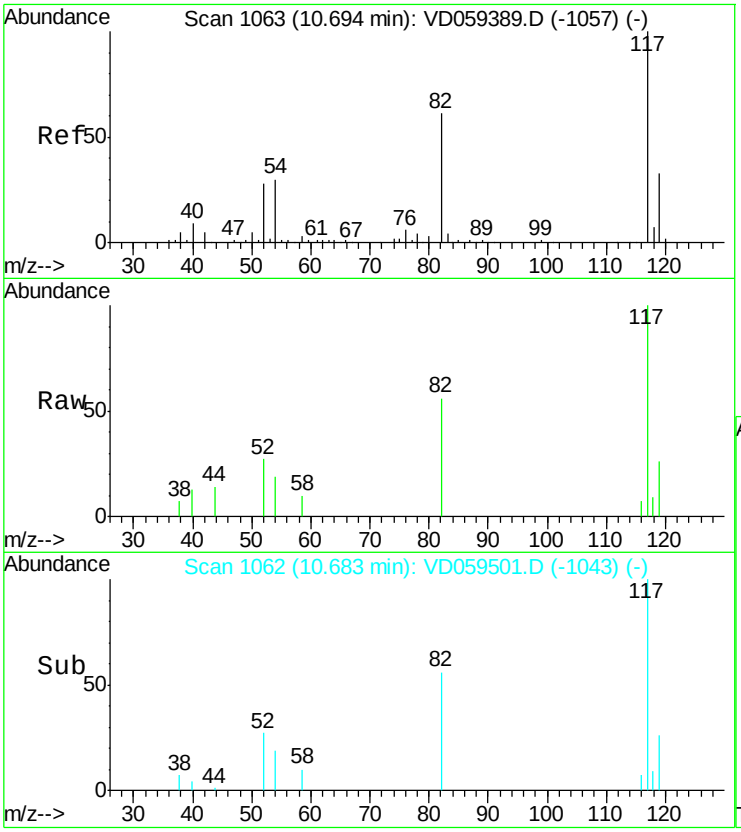


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 95 Resp: 4646

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	190.4
176	90.1	0.0	183.2

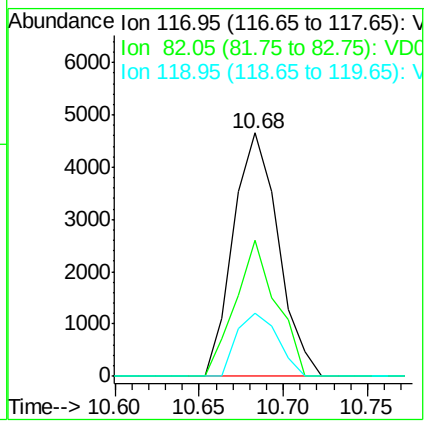


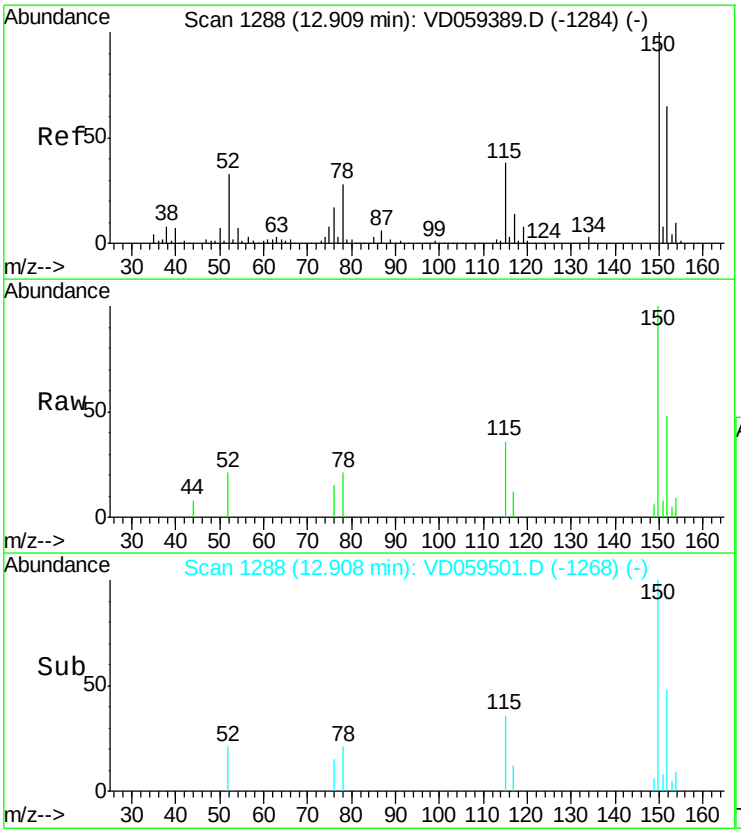


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:117 Resp: 8611

Ion	Ratio	Lower	Upper
117	100		
82	56.2	49.0	73.6
119	26.1	26.2	39.4#

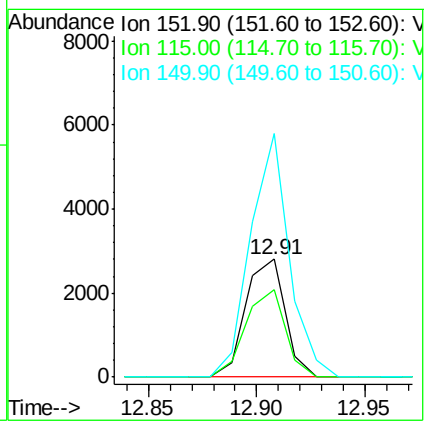


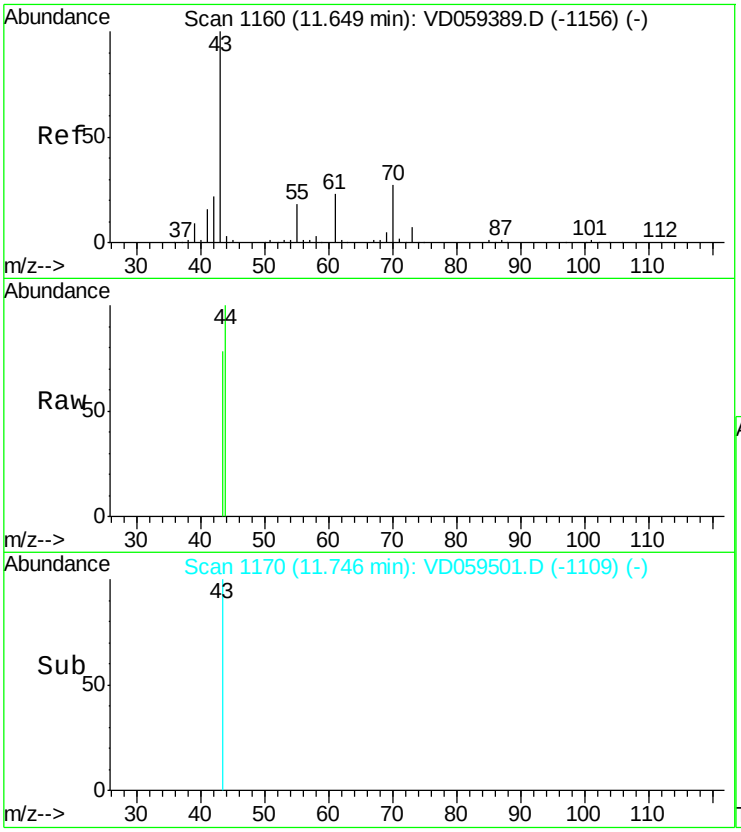


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:152 Resp: 3577

Ion	Ratio	Lower	Upper
152	100		
115	74.8	29.4	88.3
150	207.1	0.0	308.2

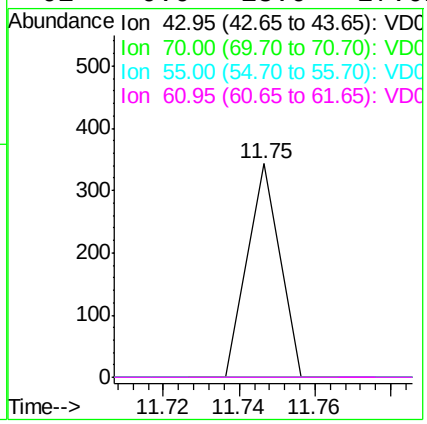


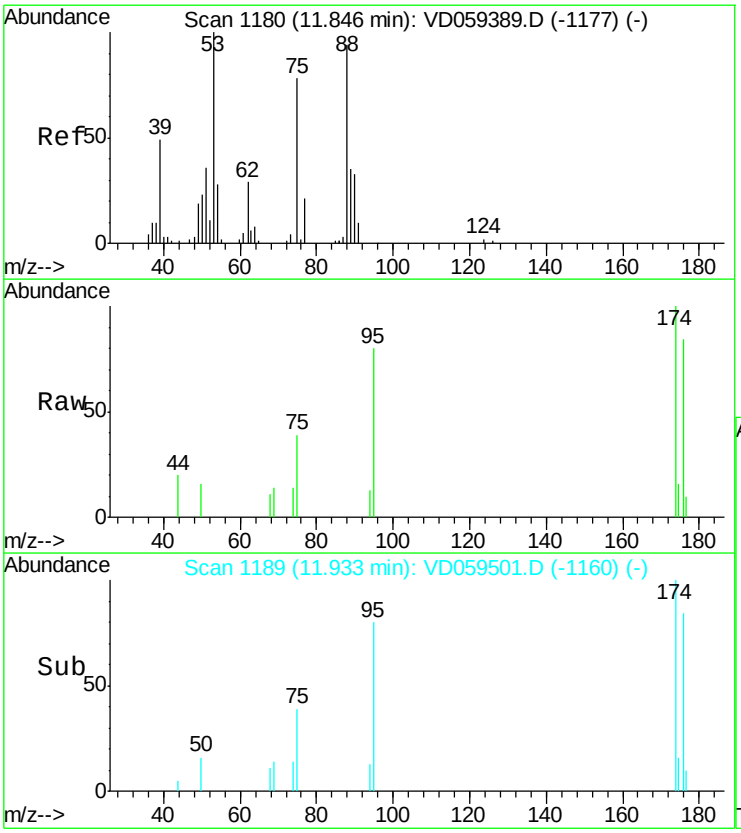


#74
N-amyl acetate
Concen: 2.643 ug/l
RT: 11.75 min Scan# 1170
Delta R.T. 0.10 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 43 Resp: 203

Ion	Ratio	Lower	Upper
43	100		
70	0.0	21.7	32.5#
55	0.0	14.6	22.0#
61	0.0	18.0	27.0#

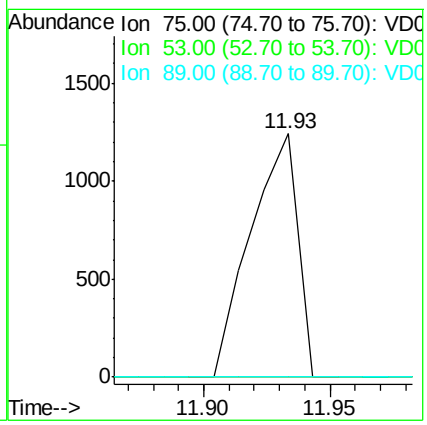


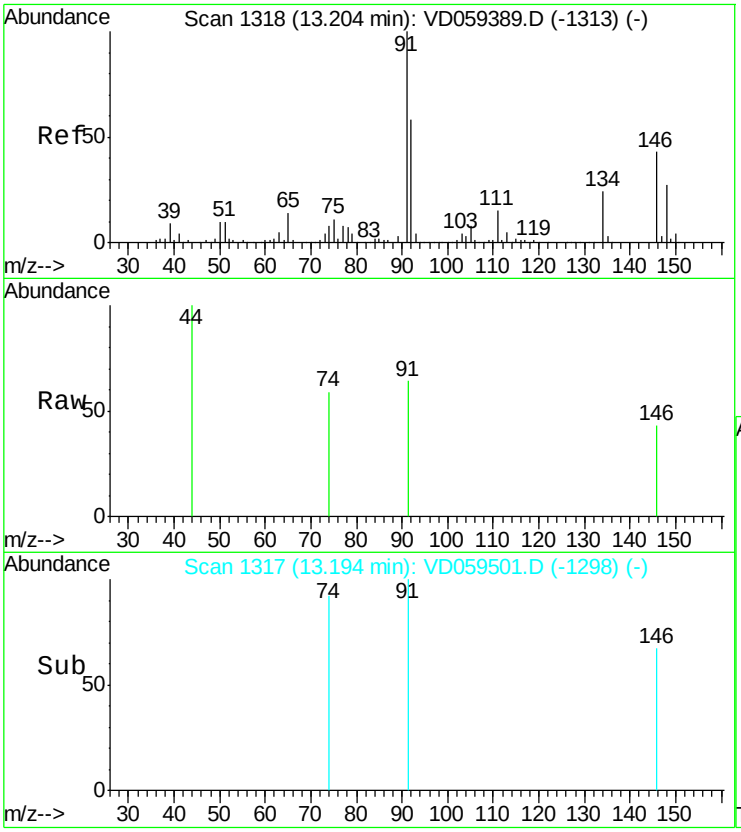


#81
trans-1,4-Dichloro-2-butene
Concen: 144.369 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 75 Resp: 1619

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

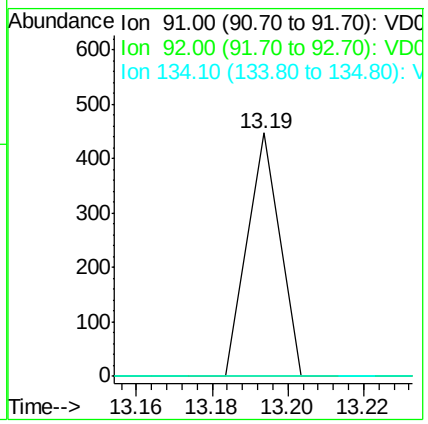


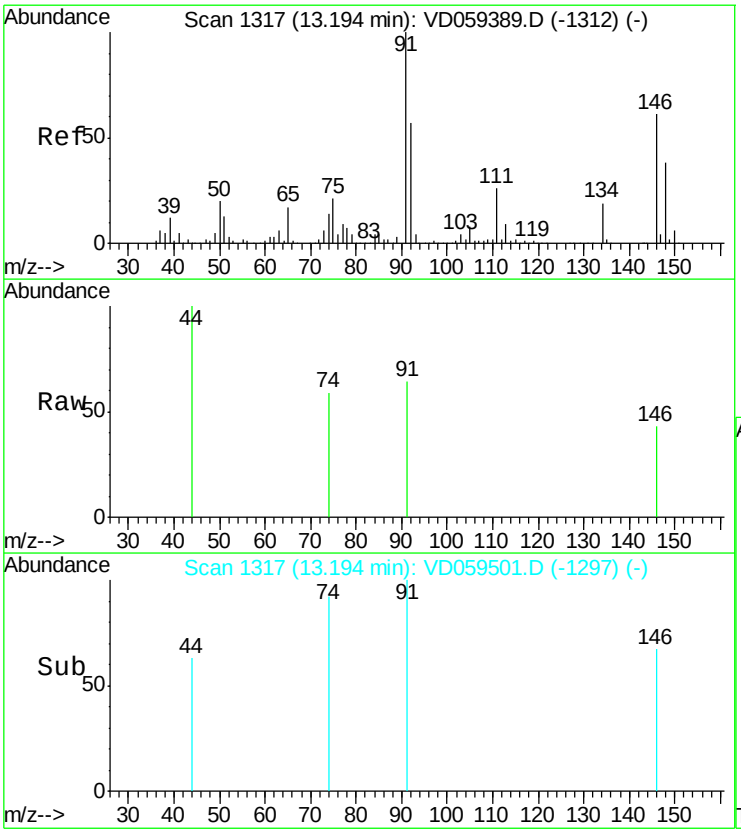


#89
n-Butylbenzene
Concen: 1.582 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion: 91 Resp: 264

Ion	Ratio	Lower	Upper
91	100		
92	0.0	28.8	86.5#
134	0.0	11.9	35.7#





#91
1,2-Dichlorobenzene
Concen: 2.009 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD059501.D
Acq: 29 Jun 2018 19:40

Tgt Ion:146 Resp: 178

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	0.0	31.6	95.0#