Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062518\
Data File : VD059409.D
Acq On : 25 Jun 2018 20:02
Operator : VA/AP
Sample : J3664-04
Misc : 6.43g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB482-17-19-180619RE

Quant Time: Jun 26 06:48:23 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	653615	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	801109	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	610922	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	320187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	264622	39.59	ug/l	-0.03
Spiked Amount 50.000			Recovery = 79.18%			
35) Dibromofluoromethane	5.54	113	246252	37.74	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.48%			
50) Toluene-d8	8.70	98	570349	37.39	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.78%			
62) 4-Bromofluorobenzene	11.92	95	252329	39.77	ug/l	-0.02
Spiked Amount 50.000			Recovery = 79.54%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	3127	1.033	ug/l #	85
5) Bromomethane	1.79	94	637	Below Cal #		4
6) Chloroethane	1.98	64	191	2.034	ug/l #	41
11) Tert butyl alcohol	3.24	59	515	2.227	ug/l #	72
13) Acrolein	2.47	56	451	2.182	ug/l #	16
16) Acetone	2.60	43	123080	145.899	ug/l	97
18) Methyl Acetate	2.93	43	2678	Below Cal #		66
20) Methylene Chloride	3.06	84	17976	5.461	ug/l	87
25) 2-Butanone	4.82	43	59084	33.434	ug/l	98
31) Cyclohexane	5.62	56	20335	Below Cal #		12
36) 1,1-Dichloropropene	5.63	75	49803	6.853	ug/l #	55
37) Ethyl Acetate	4.82	43	59084	13.350	ug/l #	73
38) Carbon Tetrachloride	5.63	117	50843	6.786	ug/l #	15
40) Benzene	6.00	78	130216	7.467	ug/l	96
52) Toluene	8.79	92	14033	1.347	ug/l	87
65) Chlorobenzene	10.72	112	30540	2.734	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.92	75	116065	115.623	ug/l #	1

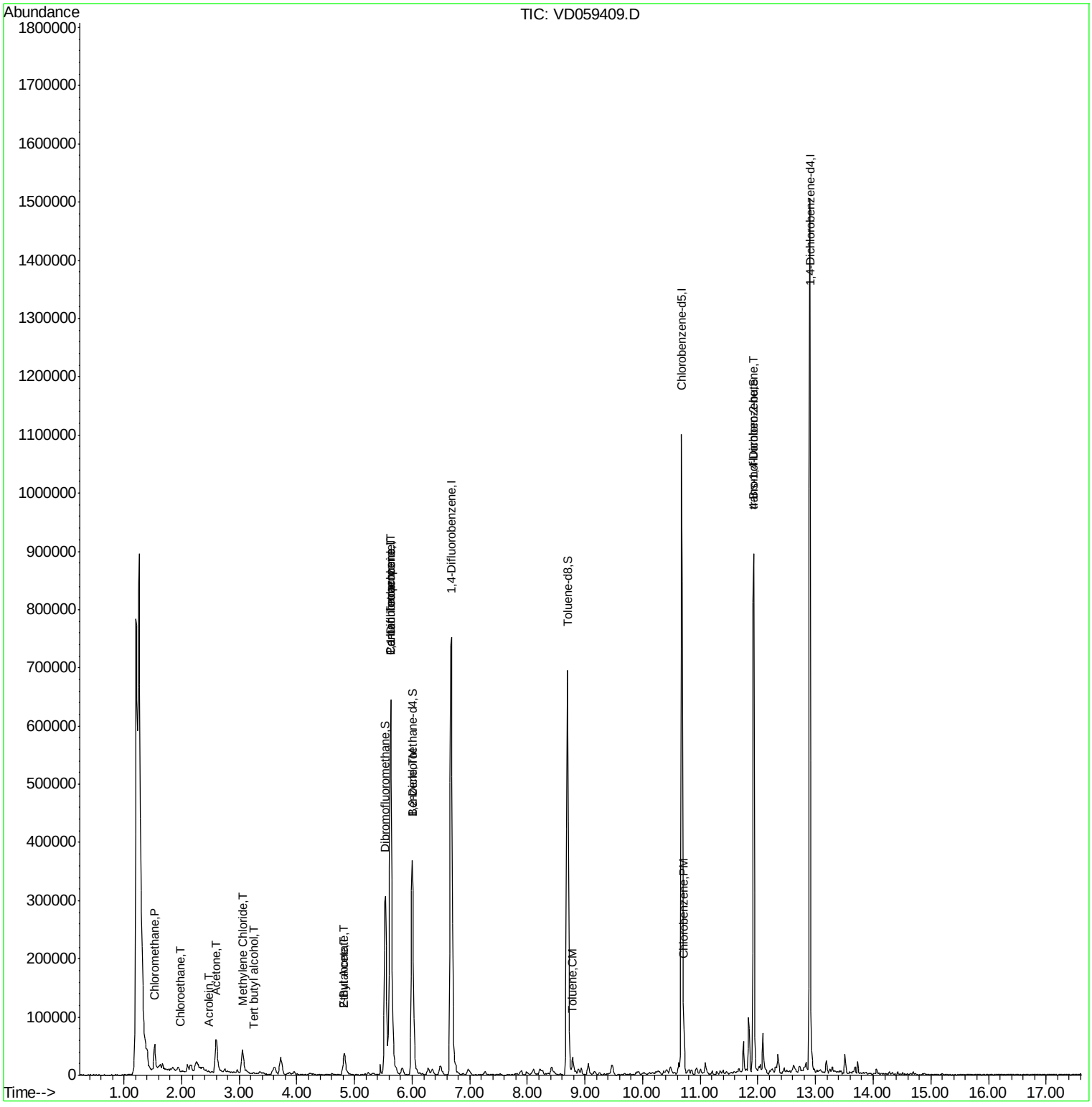
(#) = qualifier out of range (m) = manual integration (+) = signals summed

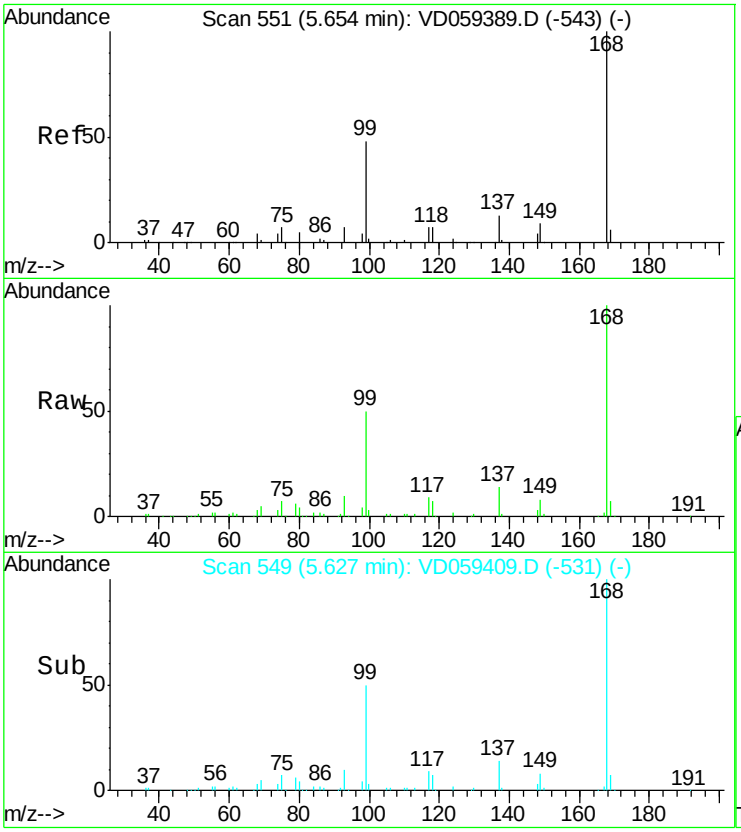
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
Data File : VD059409.D
Acq On : 25 Jun 2018 20:02
Operator : VA/AP
Sample : J3664-04
Misc : 6.43g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Quant Time: Jun 26 06:48:23 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



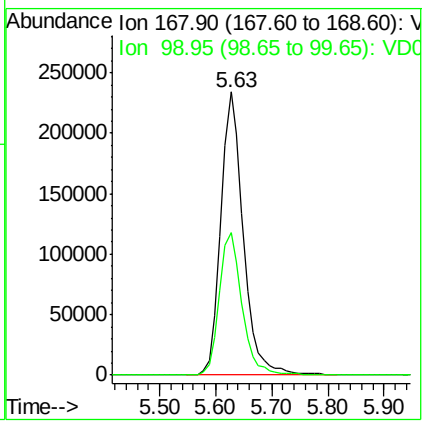


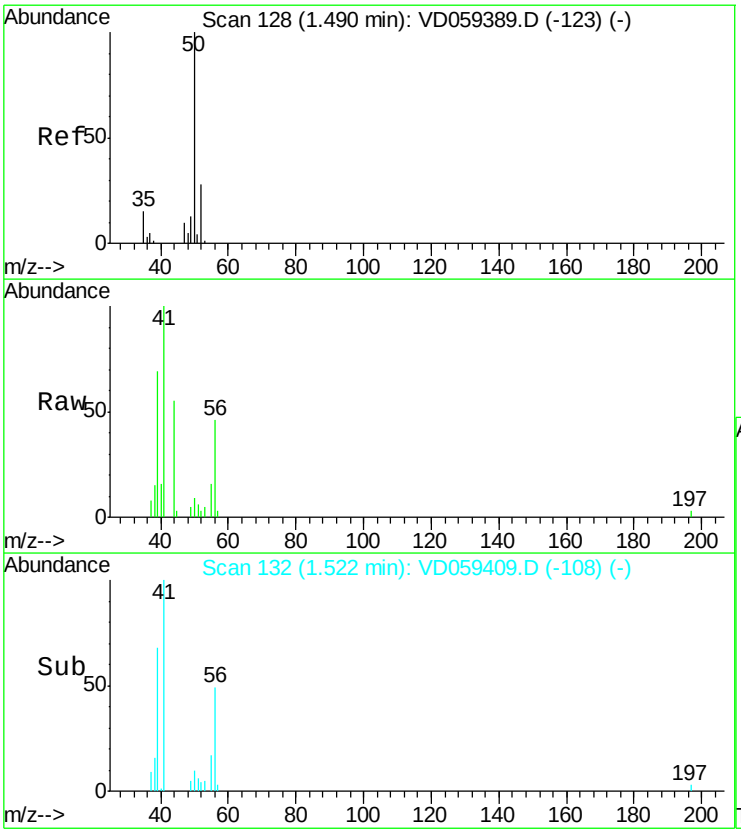
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument : MSVOA_D
ClientSampleId : WP021SB482-17-19-180619RE

Tgt Ion:168 Resp: 653615

Ion	Ratio	Lower	Upper
168	100		
99	50.3	41.0	61.6

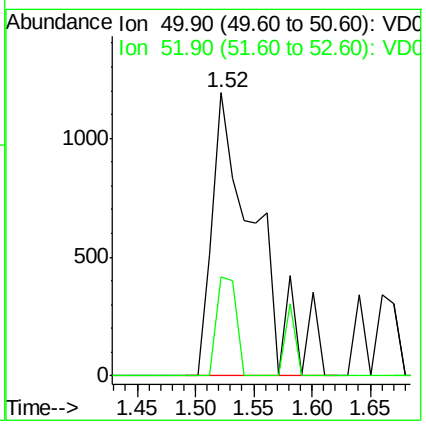


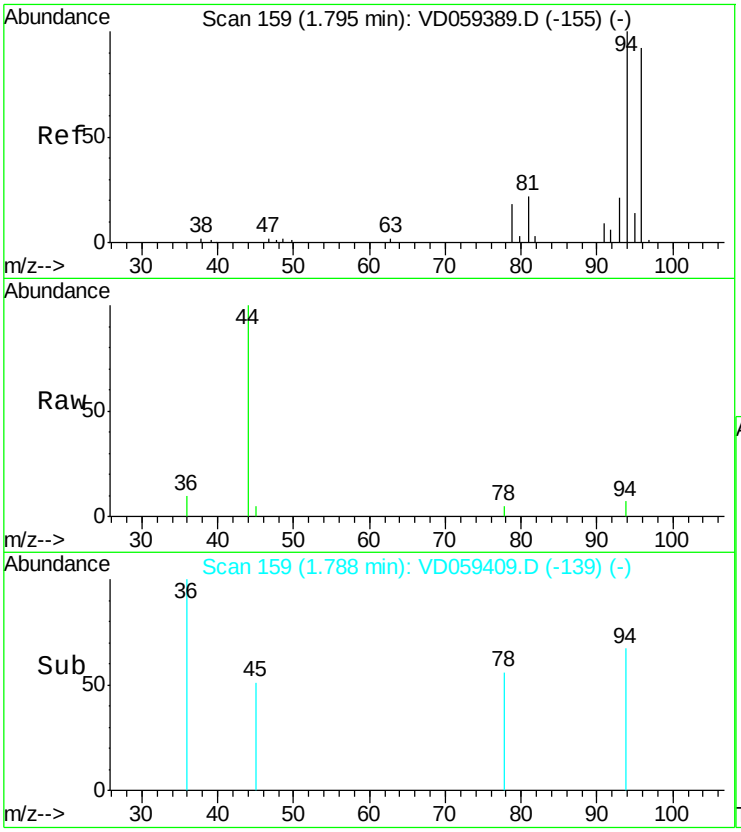


#3
Chloromethane
Concen: 1.033 ug/l
RT: 1.52 min Scan# 132
Delta R.T. 0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 50 Resp: 3127

Ion	Ratio	Lower	Upper
50	100		
52	35.1	21.8	32.8#



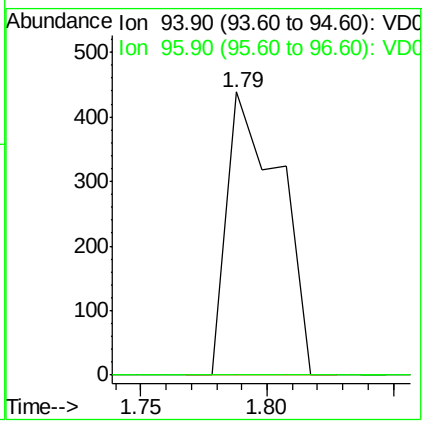


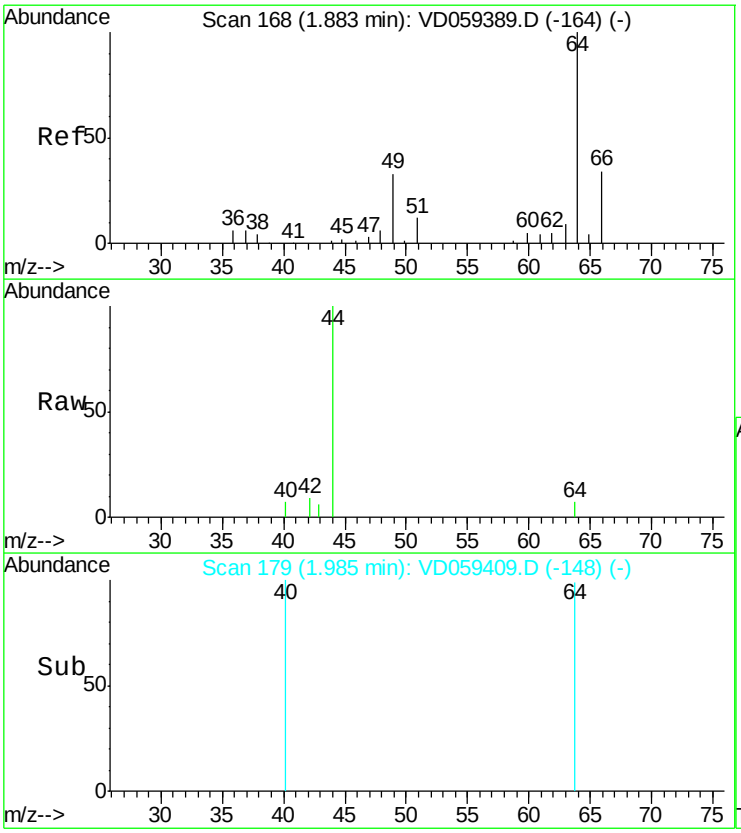
#5
Bromomethane
Concen: Below Cal
RT: 1.79 min Scan# 159
Delta R.T. -0.01 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 94 Resp: 637

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.0#

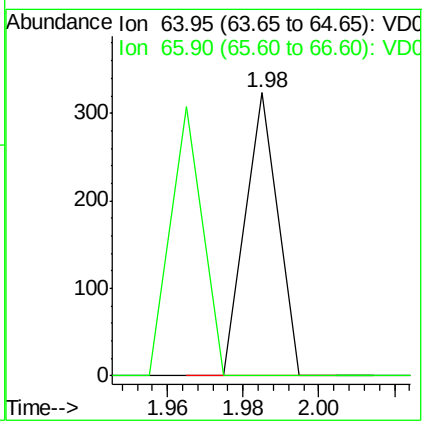


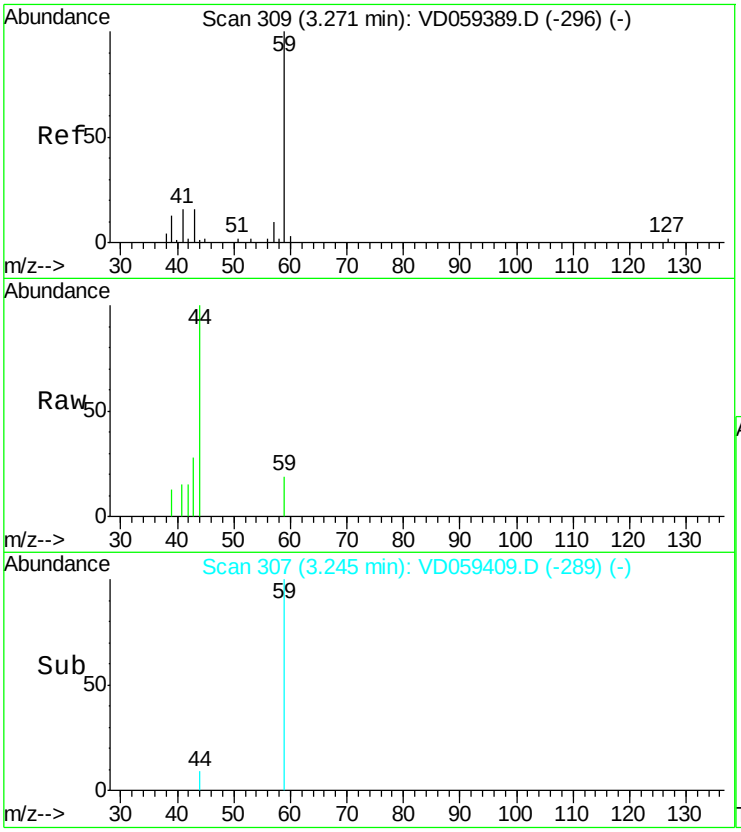


#6
Chloroethane
Concen: 2.034 ug/l
RT: 1.98 min Scan# 179
Delta R.T. 0.10 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 64 Resp: 191

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#



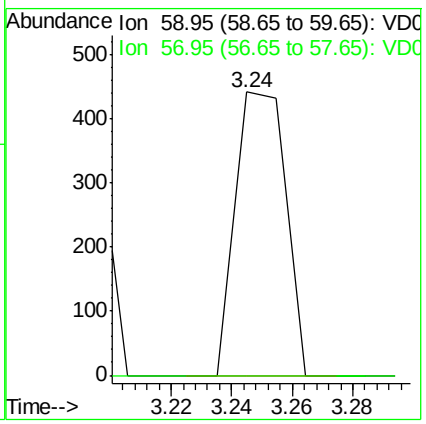


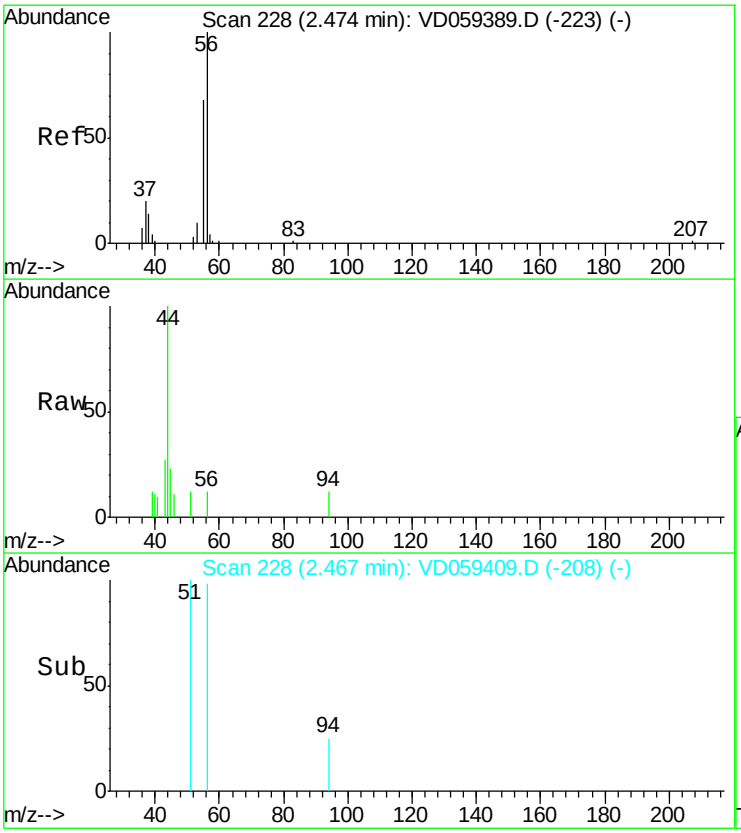
#11
Tert butyl alcohol
Concen: 2.227 ug/l
RT: 3.24 min Scan# 307
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 59 Resp: 515

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

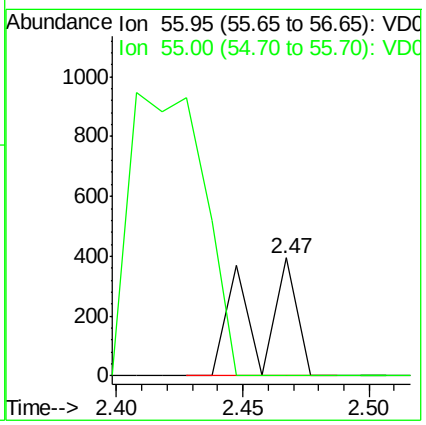


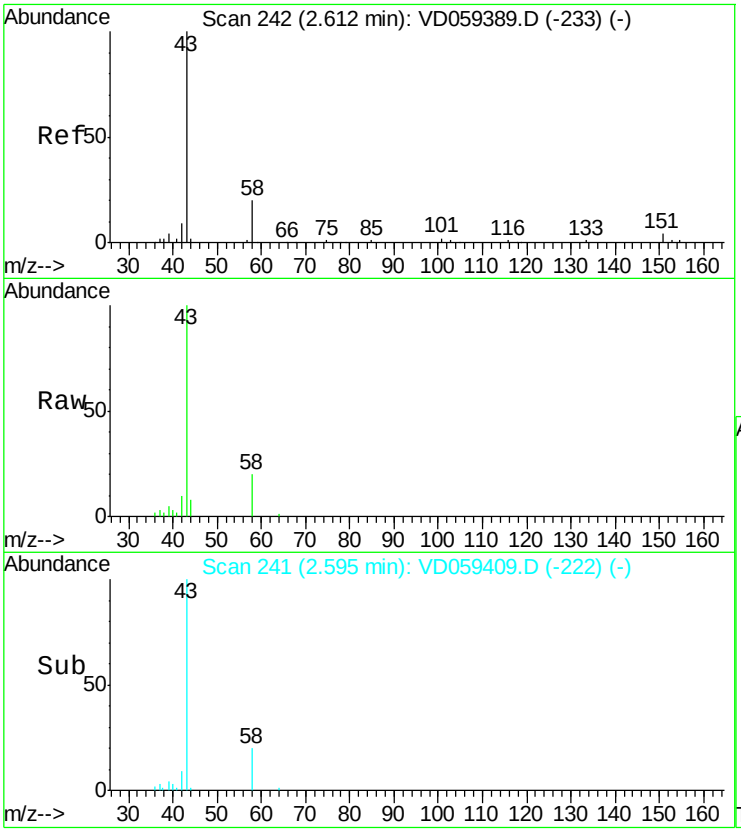


#13
Acrolein
Concen: 2.182 ug/l
RT: 2.47 min Scan# 228
Delta R.T. -0.01 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 56 Resp: 451

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.6	82.0#



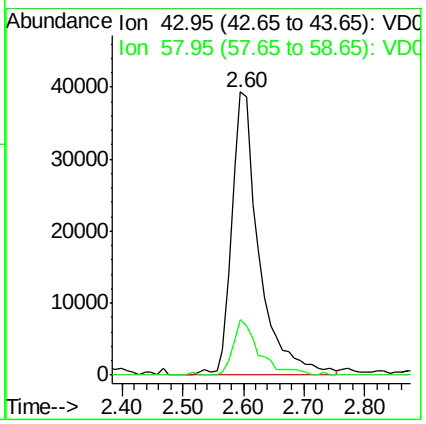


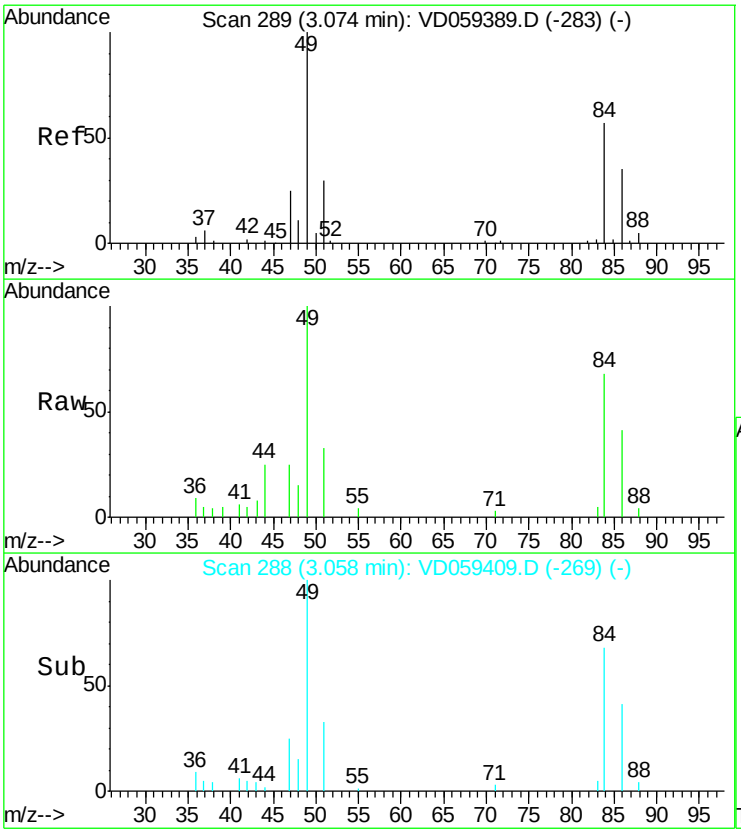
#16
Acetone
Concen: 145.899 ug/l
RT: 2.60 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 43 Resp: 123080

Ion	Ratio	Lower	Upper
43	100		
58	19.6	16.8	25.2

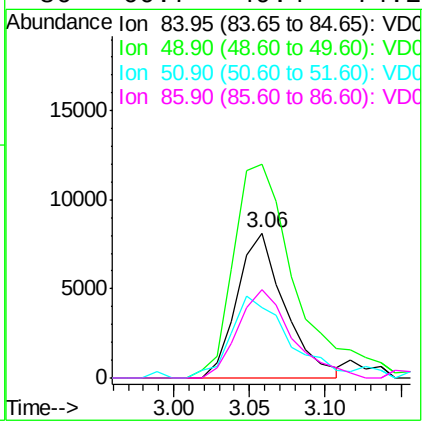


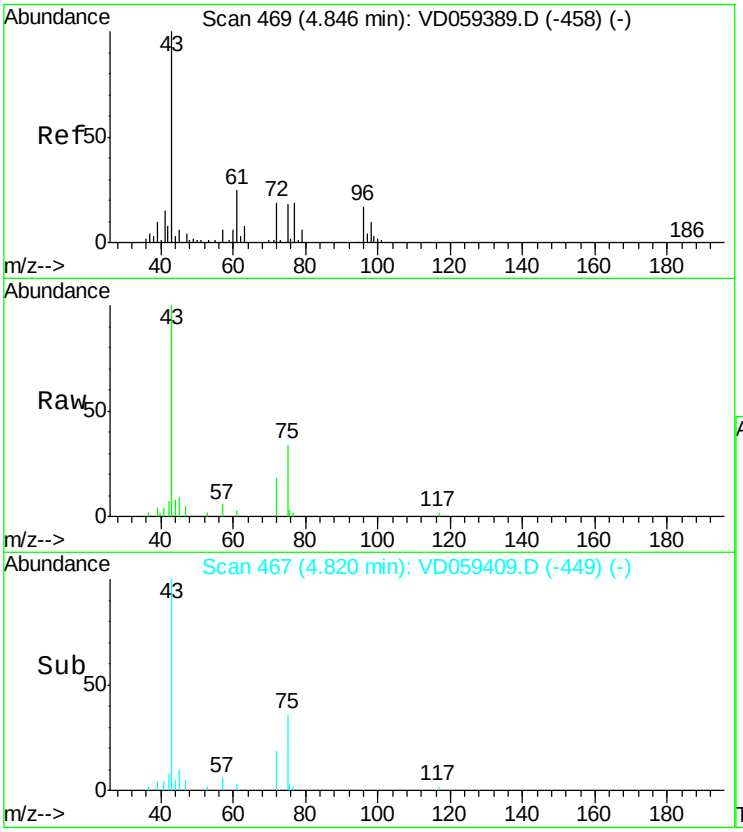


#20
Methylene Chloride
Concen: 5.461 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 84 Resp: 17976

Ion	Ratio	Lower	Upper
84	100		
49	147.2	140.3	210.5
51	48.7	41.6	62.4
86	60.7	49.4	74.2



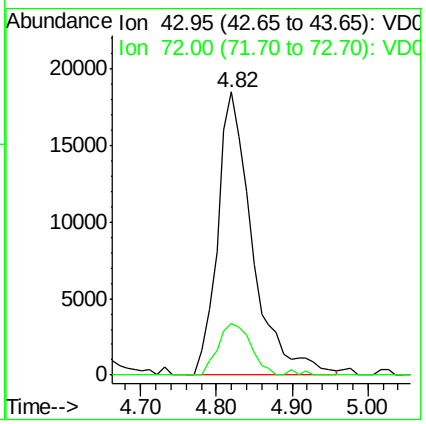


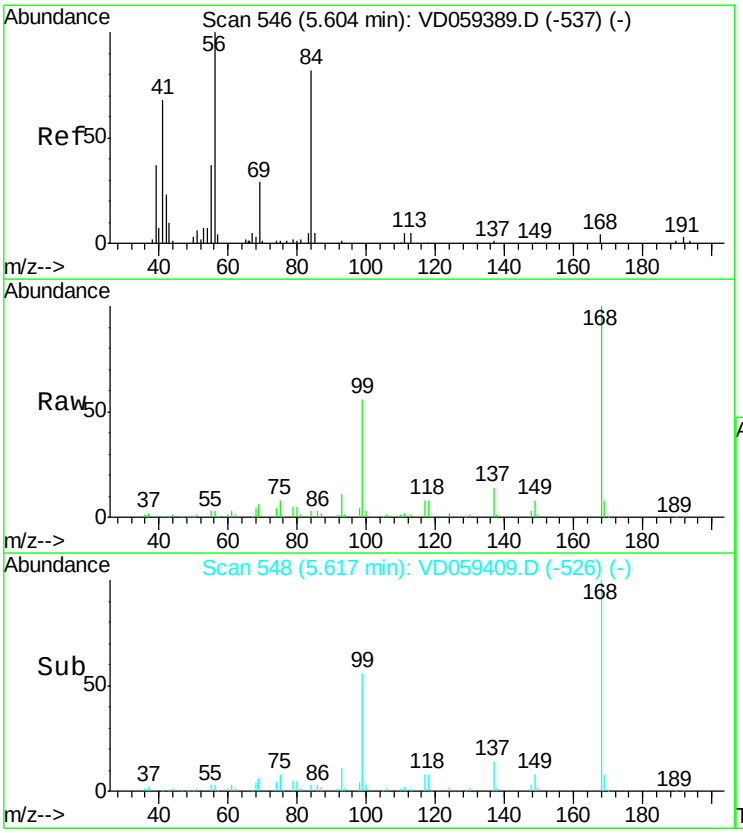
#25
2-Butanone
Concen: 33.434 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 43 Resp: 59084

Ion	Ratio	Lower	Upper
43	100		
72	18.3	15.4	23.2

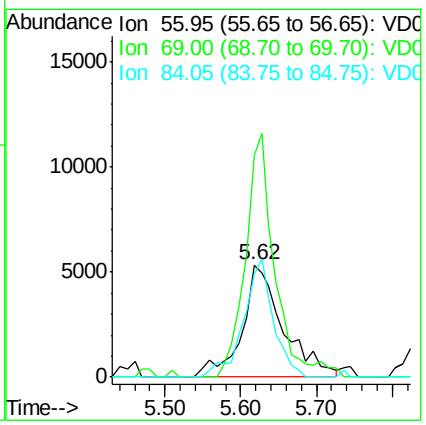


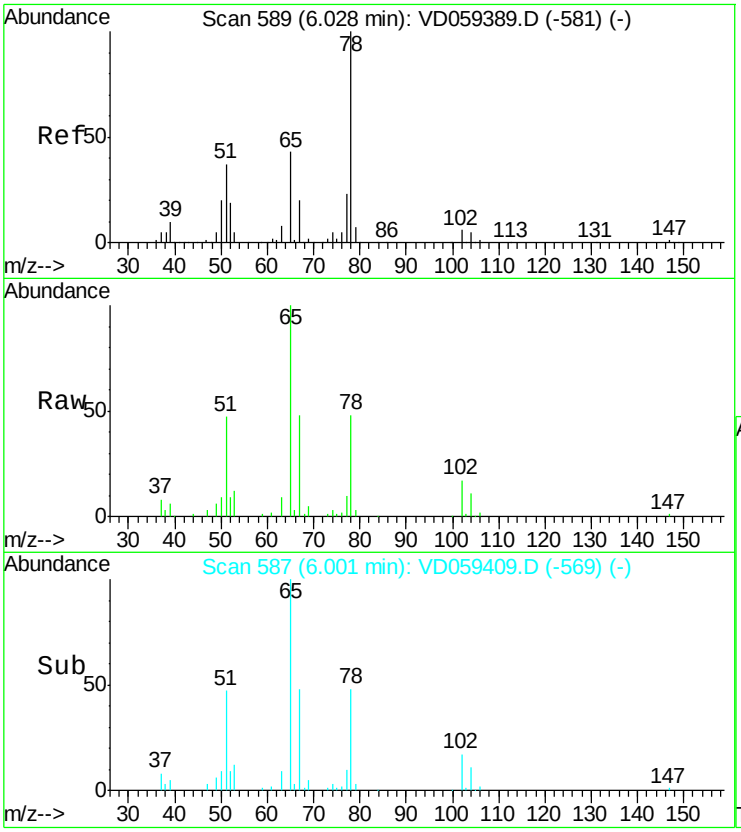


#31
Cyclohexane
Concen: Below Cal
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 56 Resp: 20335

Ion	Ratio	Lower	Upper
56	100		
69	198.2	22.9	34.3#
84	92.1	67.3	100.9



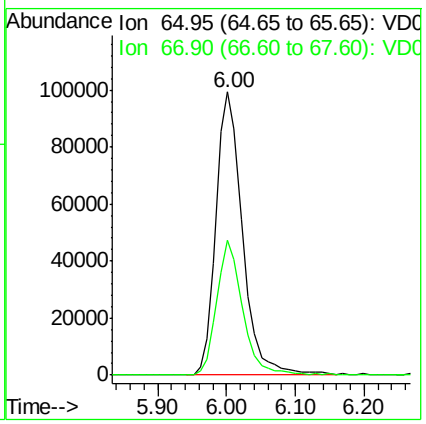


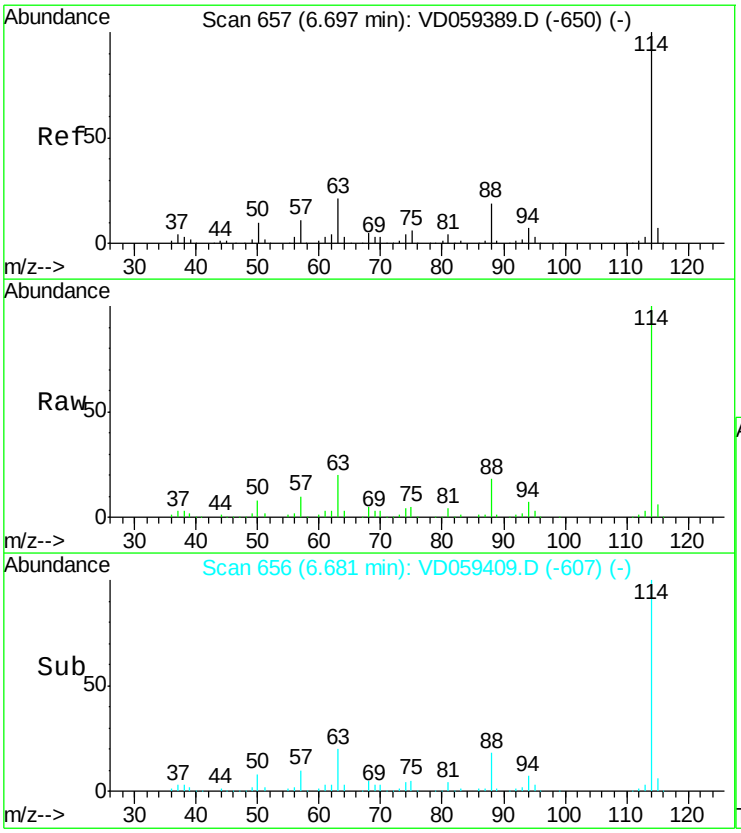
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 65 Resp: 264622

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	93.8

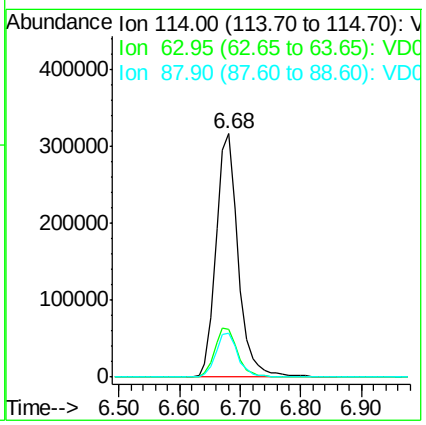


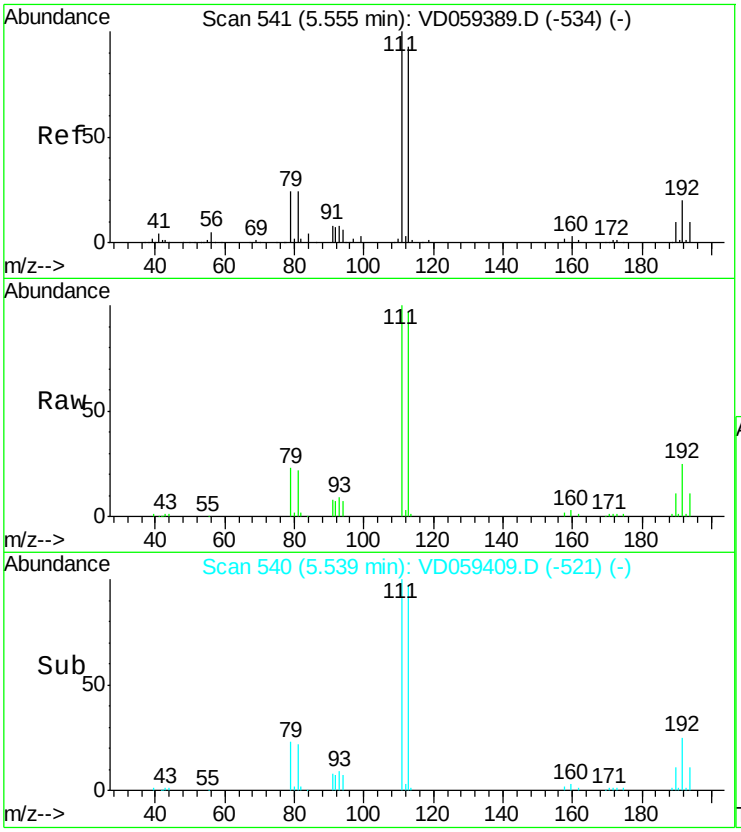


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion:114 Resp: 801109

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	17.9	0.0	38.0



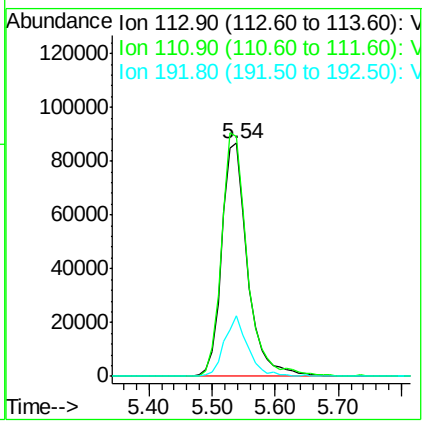


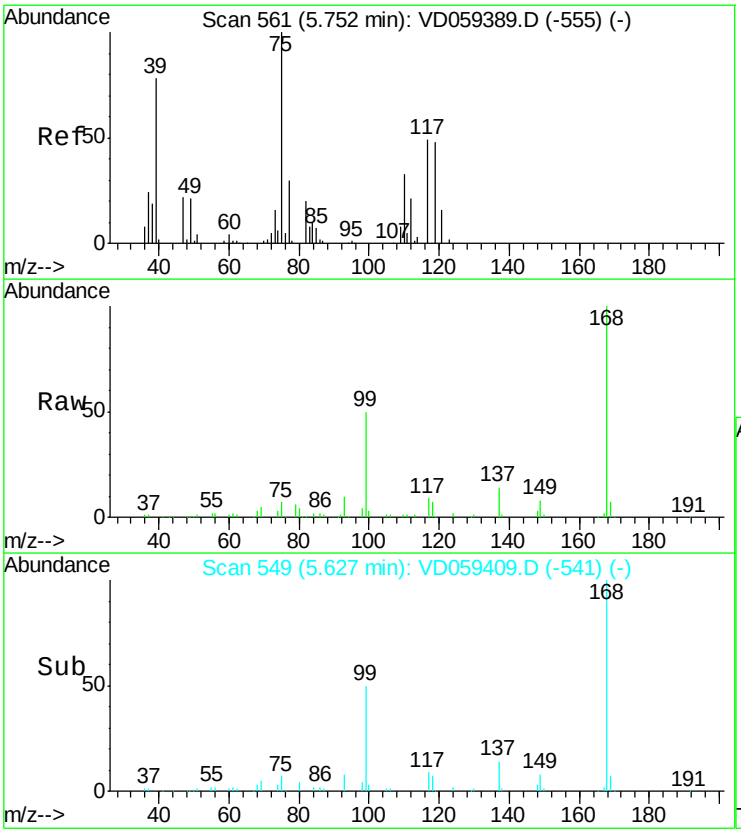
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion:113 Resp: 246252

Ion	Ratio	Lower	Upper
113	100		
111	102.7	85.7	128.5
192	26.0	16.9	25.3#

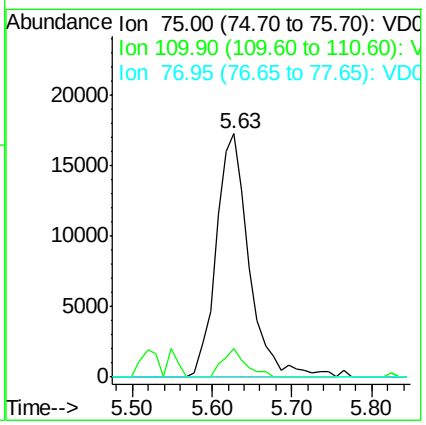


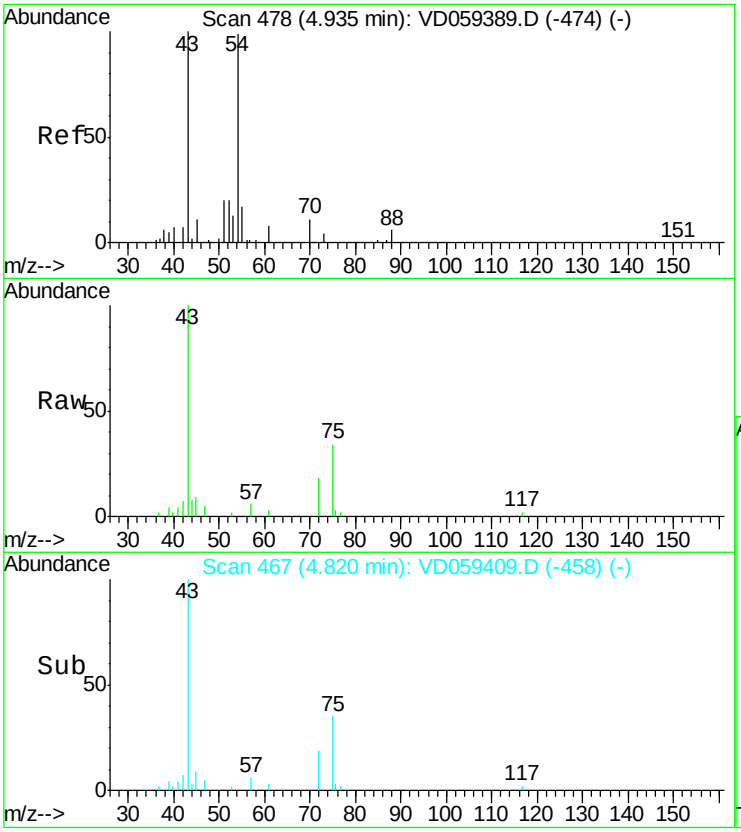


#36
1,1-Dichloropropene
Concen: 6.853 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.12 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 75 Resp: 49803

Ion	Ratio	Lower	Upper
75	100		
110	11.5	16.1	48.2#
77	0.0	23.4	35.2#



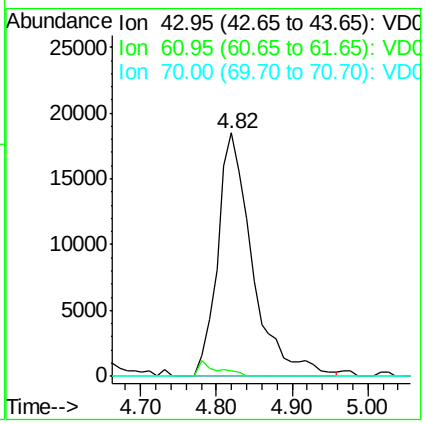


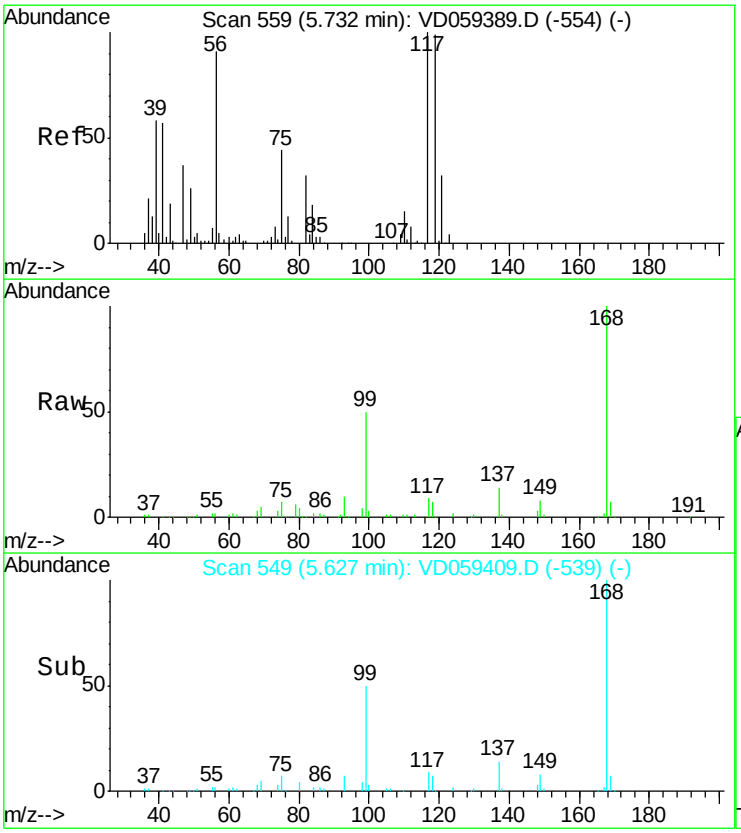
#37
Ethyl Acetate
Concen: 13.350 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.12 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 43 Resp: 59084

Ion	Ratio	Lower	Upper
43	100		
61	2.5	11.8	17.8#
70	0.0	6.1	9.1#

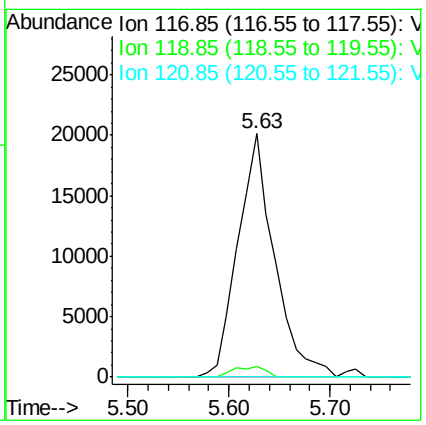


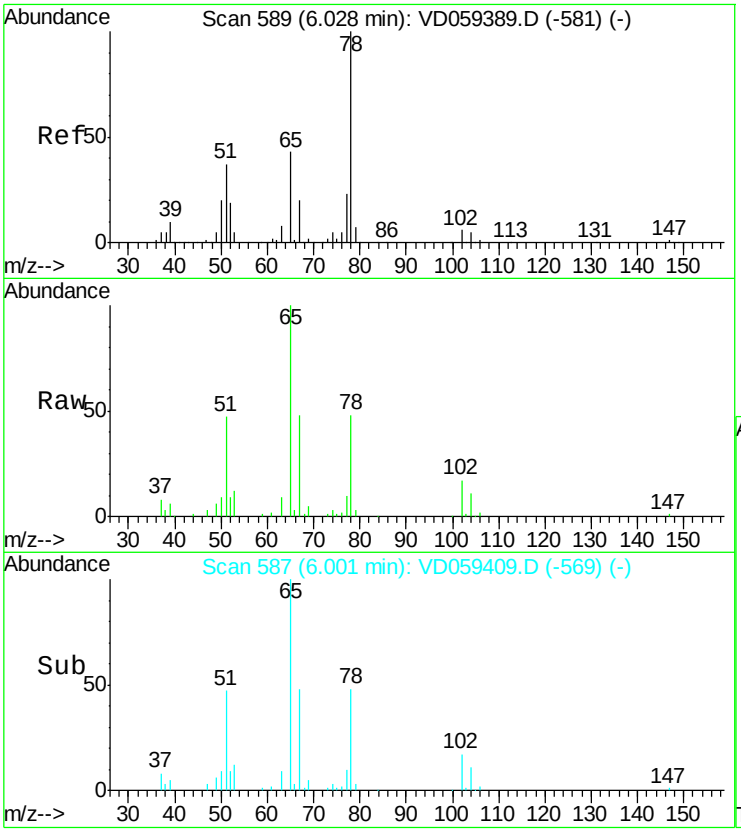


#38
Carbon Tetrachloride
Concen: 6.786 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.11 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion:117 Resp: 50843

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.6	115.0#
121	0.0	25.0	37.4#



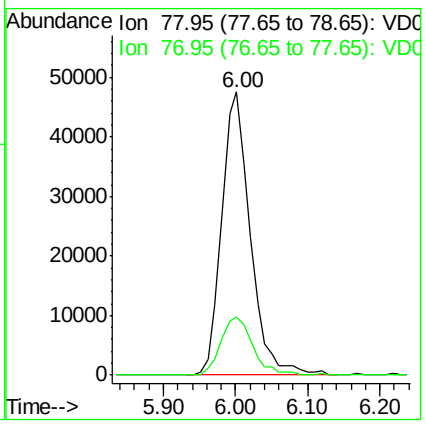


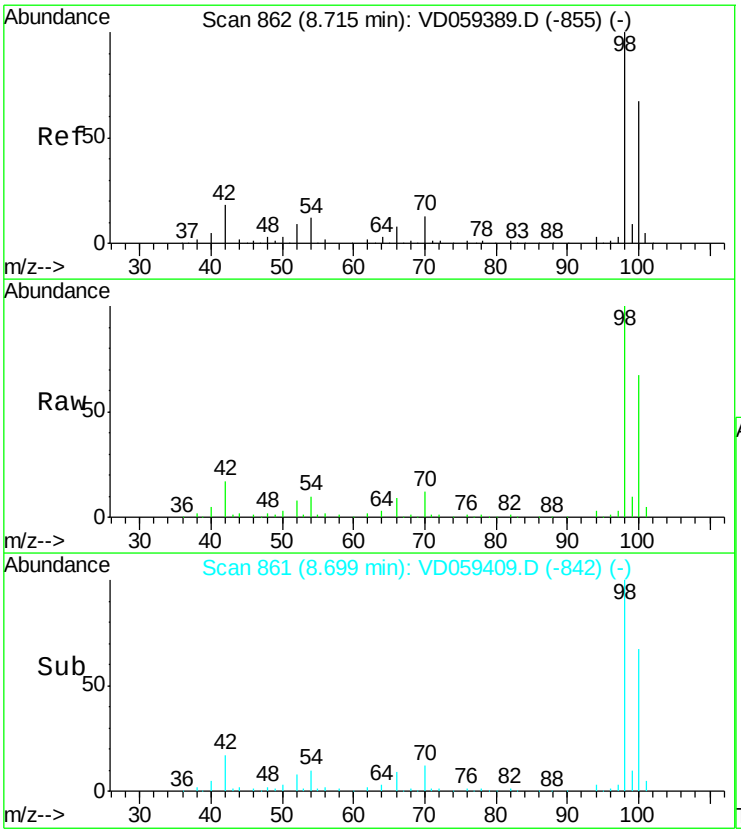
#40
Benzene
Concen: 7.467 ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 78 Resp: 130216

Ion	Ratio	Lower	Upper
78	100		
77	20.5	18.1	27.1

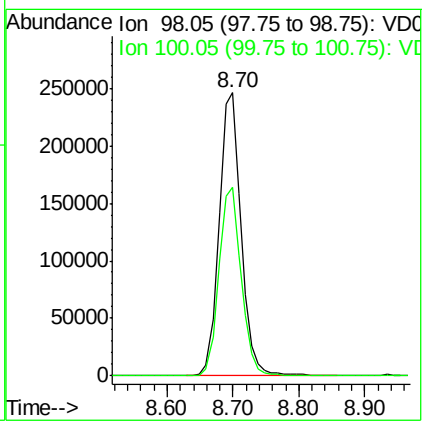


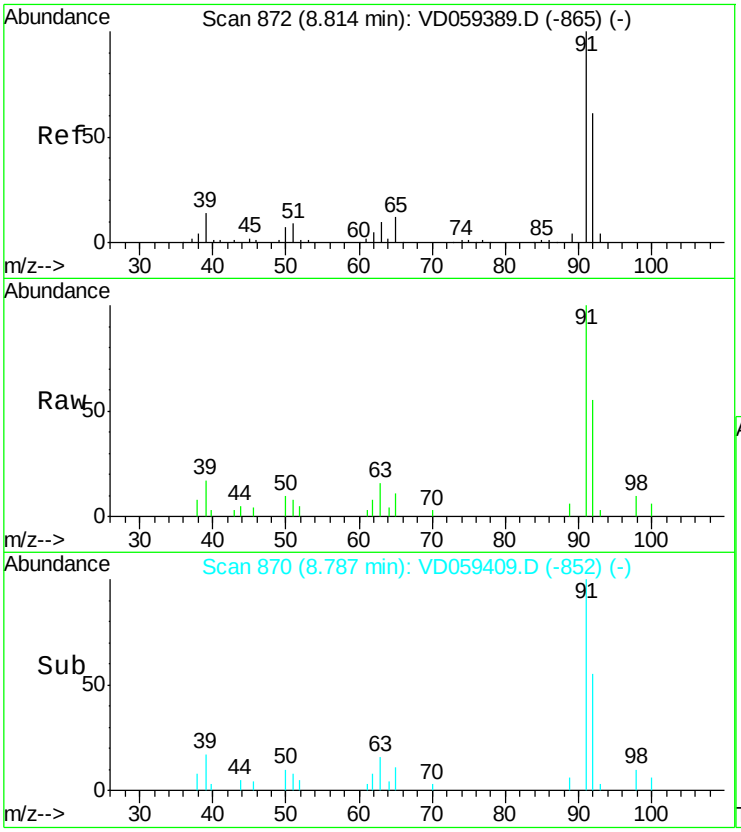


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 98 Resp: 570349

Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.4	81.6



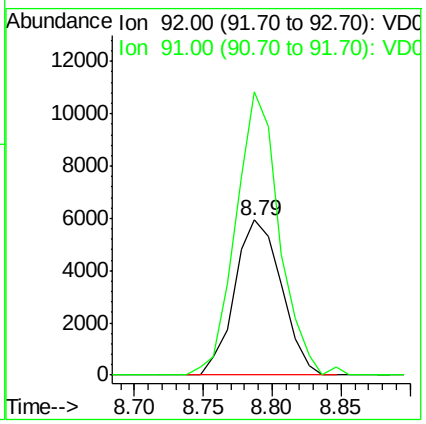


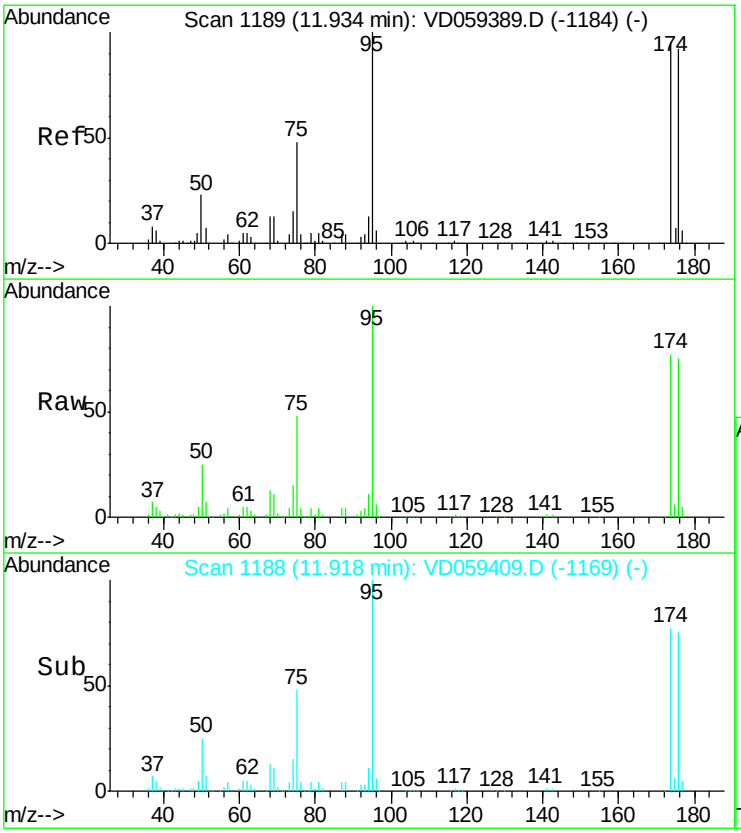
#52
Toluene
Concen: 1.347 ug/l
RT: 8.79 min Scan# 870
Delta R.T. -0.03 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion: 92 Resp: 14033

Ion	Ratio	Lower	Upper
92	100		
91	182.3	132.2	198.2

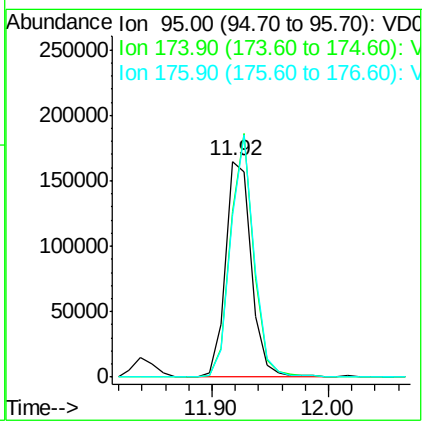


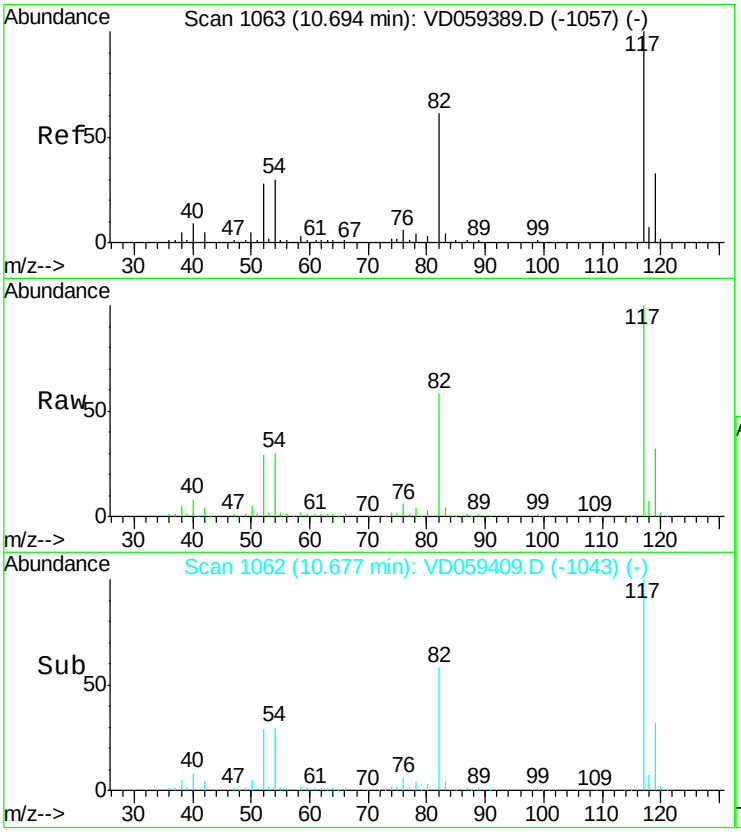


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 95 Resp: 252329

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	190.4
176	75.2	0.0	183.2



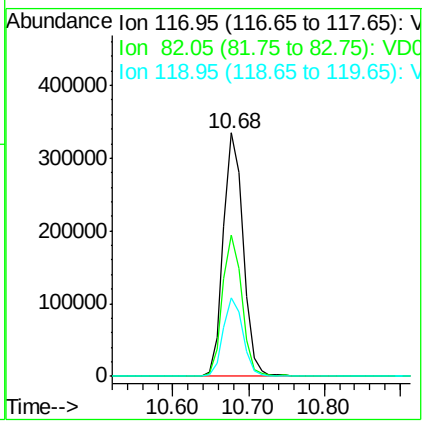


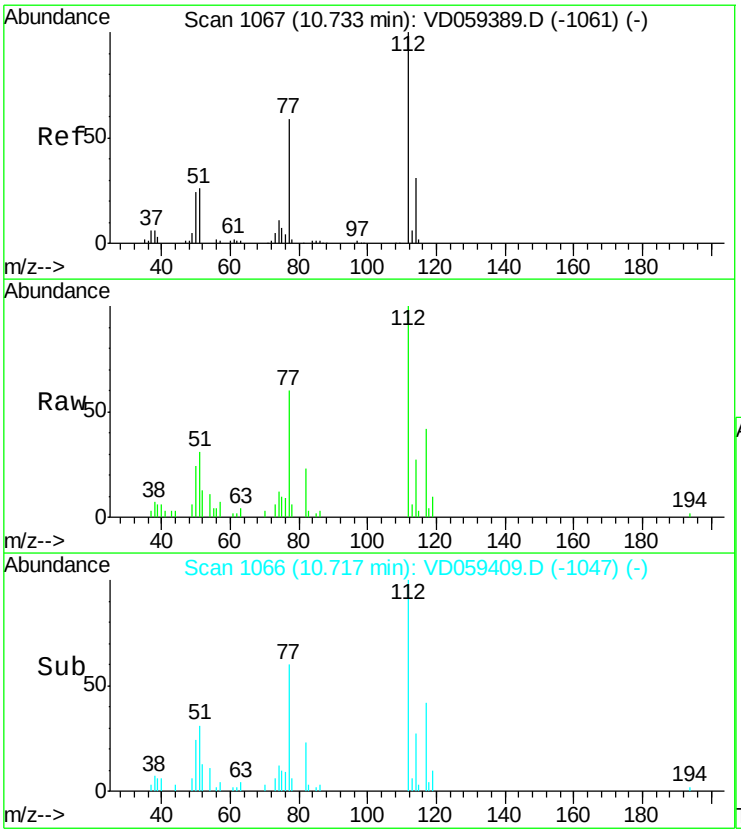
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion:117 Resp: 610922

Ion	Ratio	Lower	Upper
117	100		
82	58.1	49.0	73.6
119	32.3	26.2	39.4

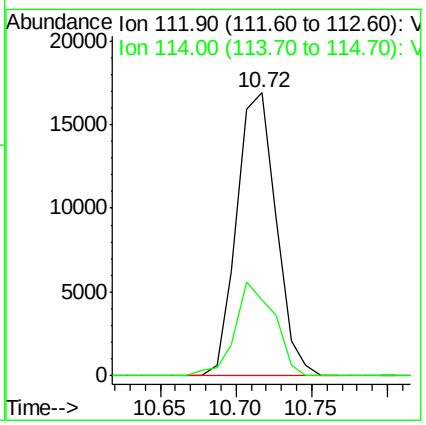


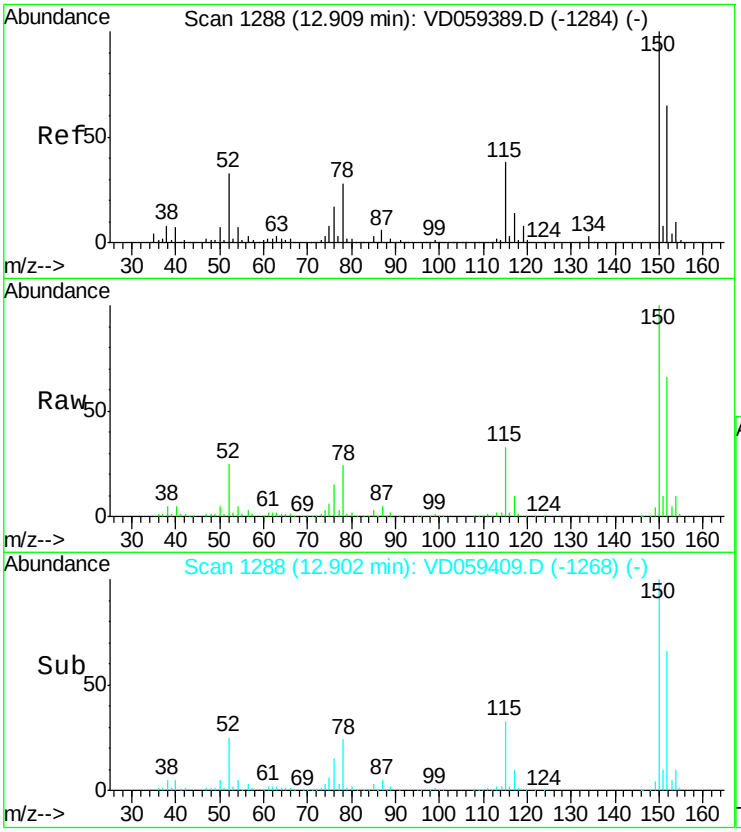


#65
Chlorobenzene
Concen: 2.734 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion:112 Resp: 30540

Ion	Ratio	Lower	Upper
112	100		
114	27.0	24.6	37.0



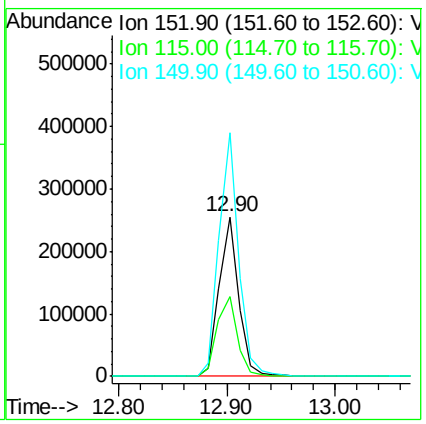


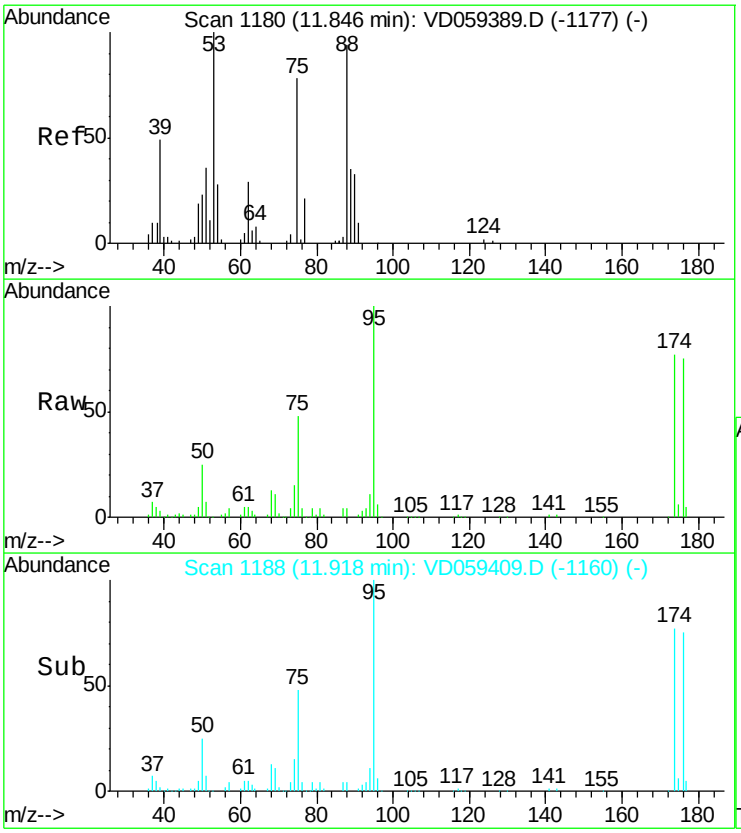
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Instrument :
MSVOA_D
ClientSampleId :
WP021SB482-17-19-180619RE

Tgt Ion:152 Resp: 320187

Ion	Ratio	Lower	Upper
152	100		
115	50.3	29.4	88.3
150	152.7	0.0	308.2





#81
trans-1,4-Dichloro-2-butene
Concen: 115.623 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.07 min
Lab File: VD059409.D
Acq: 25 Jun 2018 20:02

Tgt Ion: 75 Resp: 116065

Ion	Ratio	Lower	Upper
75	100		
53	0.5	102.6	154.0#
89	0.0	35.9	53.9#