Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062218\
Data File : VD058304.D
Acq On : 22 Jun 2018 18:51
Operator : VA/AP
Sample : J3663-07
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB472-30-32-180618

Quant Time: Jun 22 22:20:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	616167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	811856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	638040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	344127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	360001	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.68%			
35) Dibromofluoromethane	5.54	113	380352	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.12%			
50) Toluene-d8	8.70	98	845780	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.82%			
62) 4-Bromofluorobenzene	11.93	95	375072	57.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.33	85	224	Below Cal	#	43
3) Chloromethane	1.52	50	211	Below Cal	#	43
4) Vinyl Chloride	1.54	62	4836	1.498	ug/l	100
11) Tert butyl alcohol	3.18	59	1306	6.362	ug/l #	78
13) Acrolein	2.51	56	311	2.654	ug/l #	11
16) Acetone	2.61	43	43360	50.943	ug/l	94
20) Methylene Chloride	3.06	84	7885	Below Cal		92
25) 2-Butanone	4.83	43	5423	2.923	ug/l #	87
27) cis-1,2-Dichloroethene	4.79	96	431110	74.569	ug/l	91
31) Cyclohexane	5.63	56	15154	Below Cal	#	1
36) 1,1-Dichloropropene	5.63	75	51242	6.380	ug/l #	49
38) Carbon Tetrachloride	5.63	117	49089	6.151	ug/l #	14
44) Trichloroethene	6.98	130	190609	33.179	ug/l	93
51) 4-Methyl-2-Pentanone	8.70	43	6401	1.609	ug/l #	1
64) Tetrachloroethene	9.51	164	5453	1.016	ug/l	93
65) Chlorobenzene	10.72	112	37043	3.104	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.93	75	181170	147.845	ug/l #	1
82) 4-Chlorotoluene	12.32	91	1207	Below Cal	#	45
88) 1,4-Dichlorobenzene	12.92	146	14536	1.389	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	51338	5.631	ug/l	99

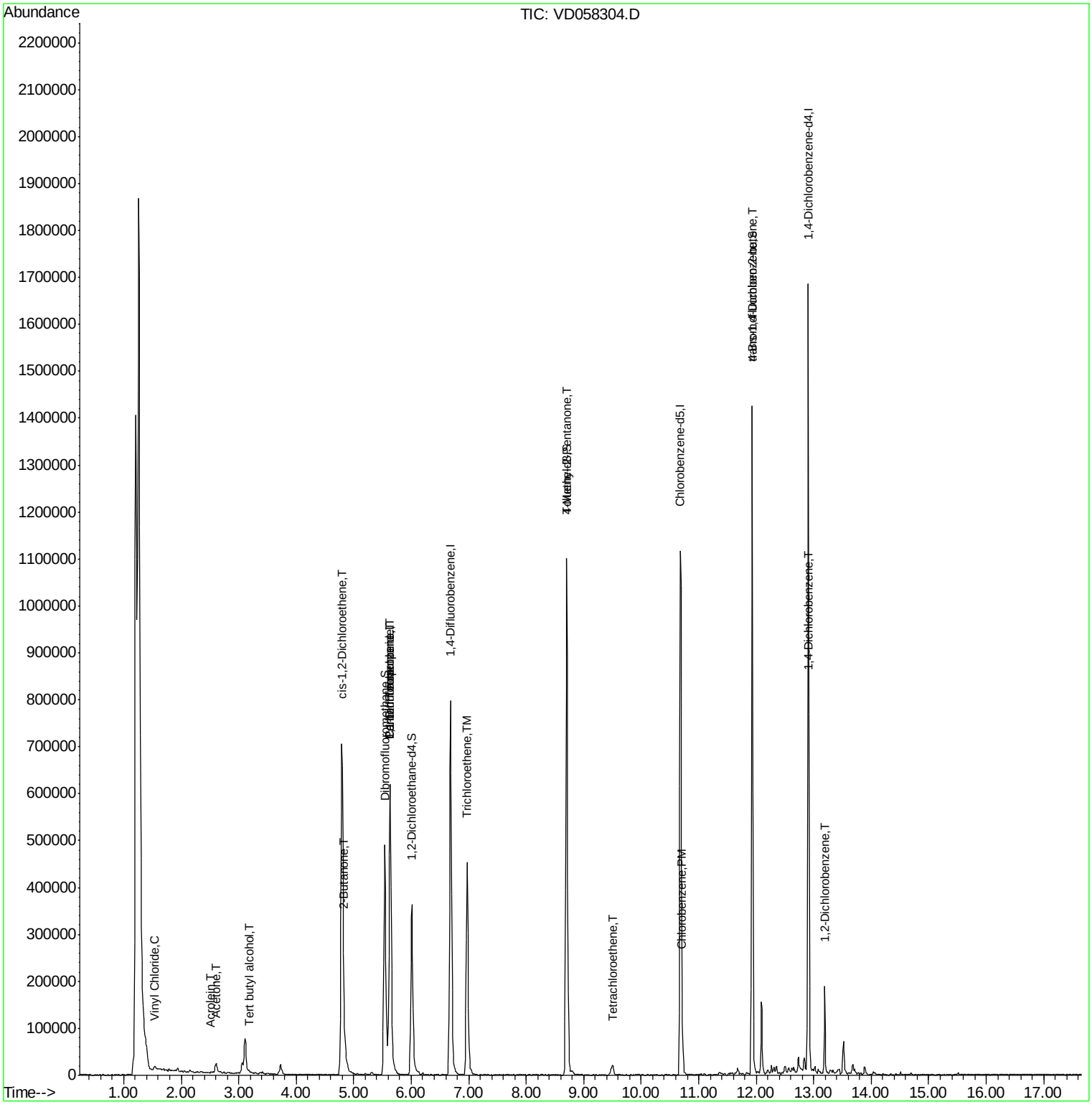
(#) = qualifier out of range (m) = manual integration (+) = signals summed

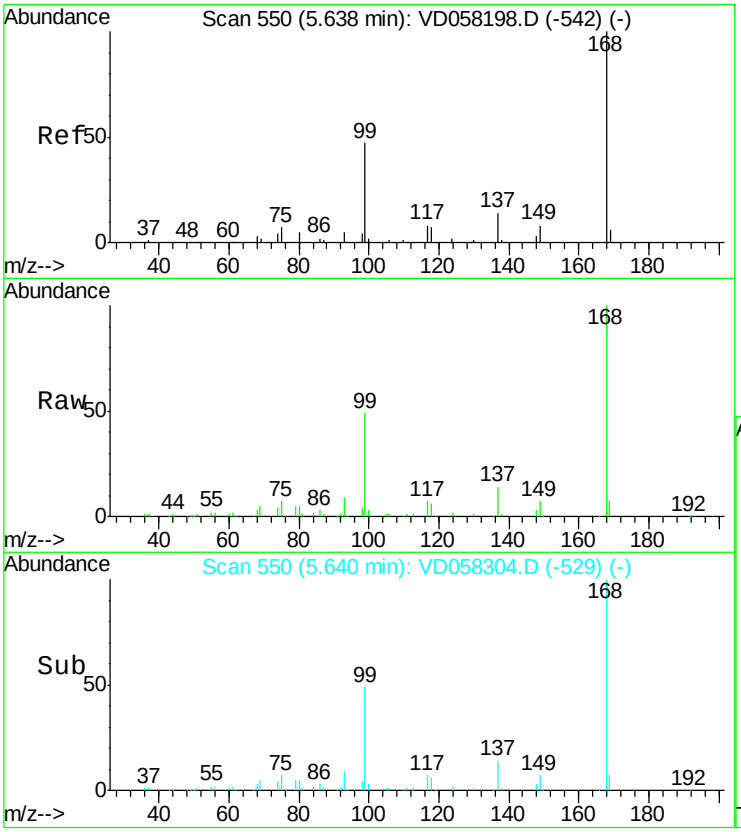
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058304.D
Acq On : 22 Jun 2018 18:51
Operator : VA/AP
Sample : J3663-07
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Quant Time: Jun 22 22:20:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration



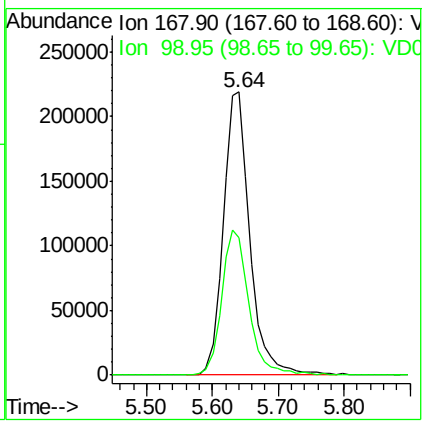


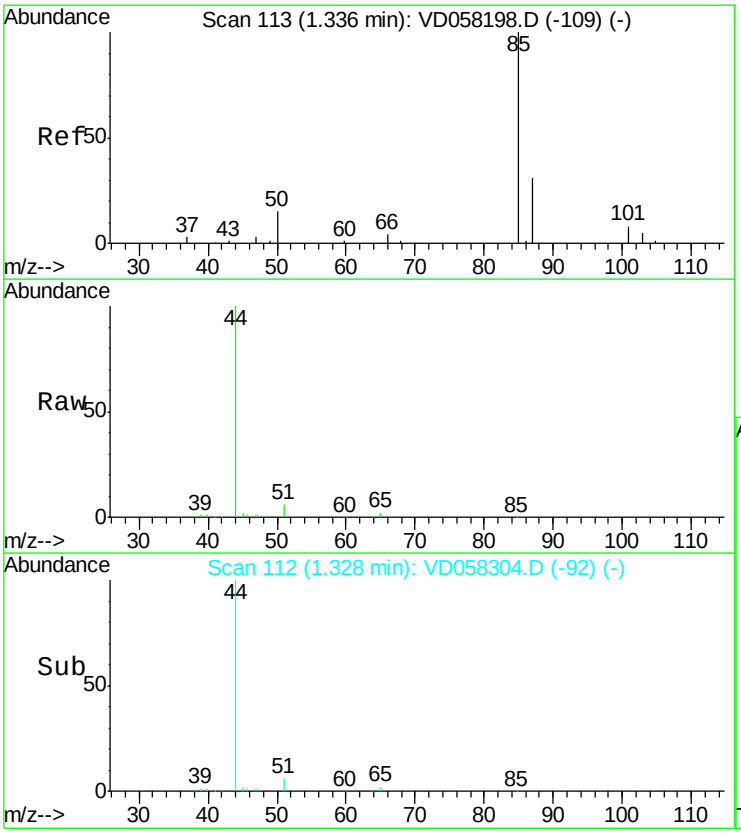
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion:168 Resp: 616167

Ion	Ratio	Lower	Upper
168	100		
99	48.5	41.1	61.7

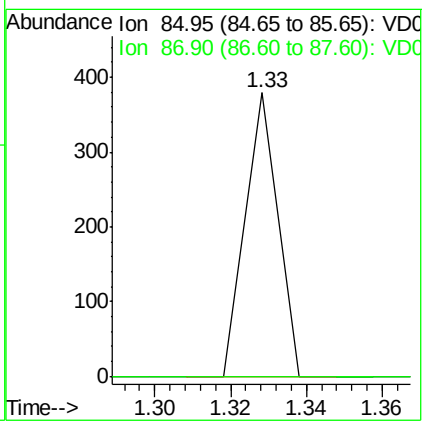


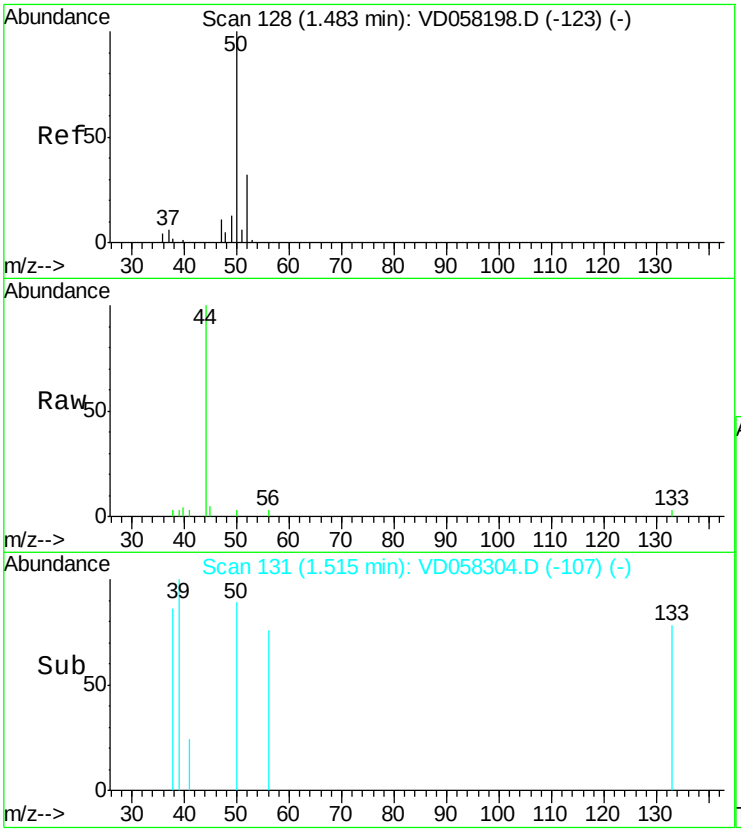


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.33 min Scan# 112
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 85 Resp: 224

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.7	47.0#



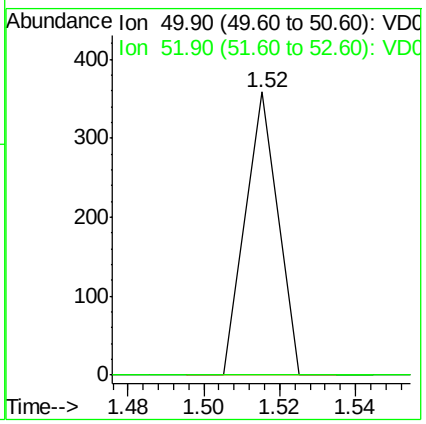


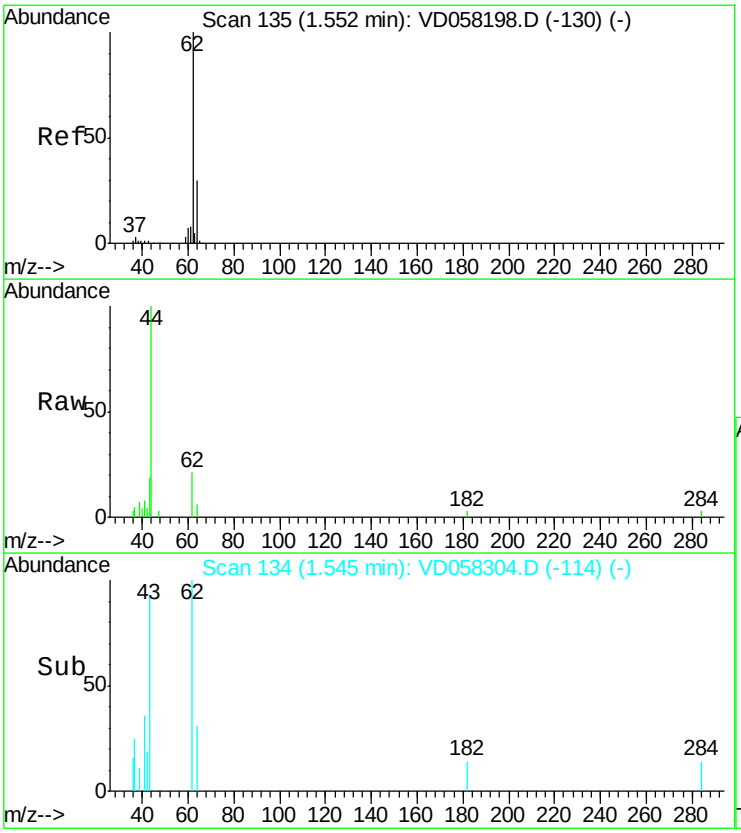
#3
Chloromethane
Concen: Below Cal
RT: 1.52 min Scan# 131
Delta R.T. 0.03 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 50 Resp: 211

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#

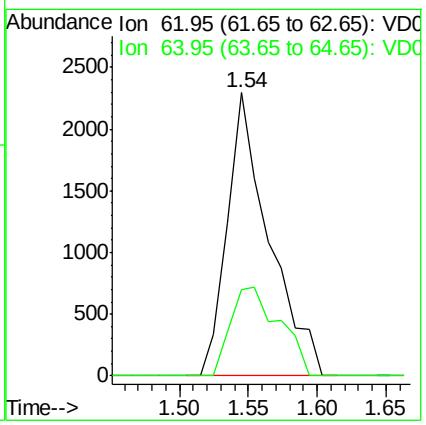


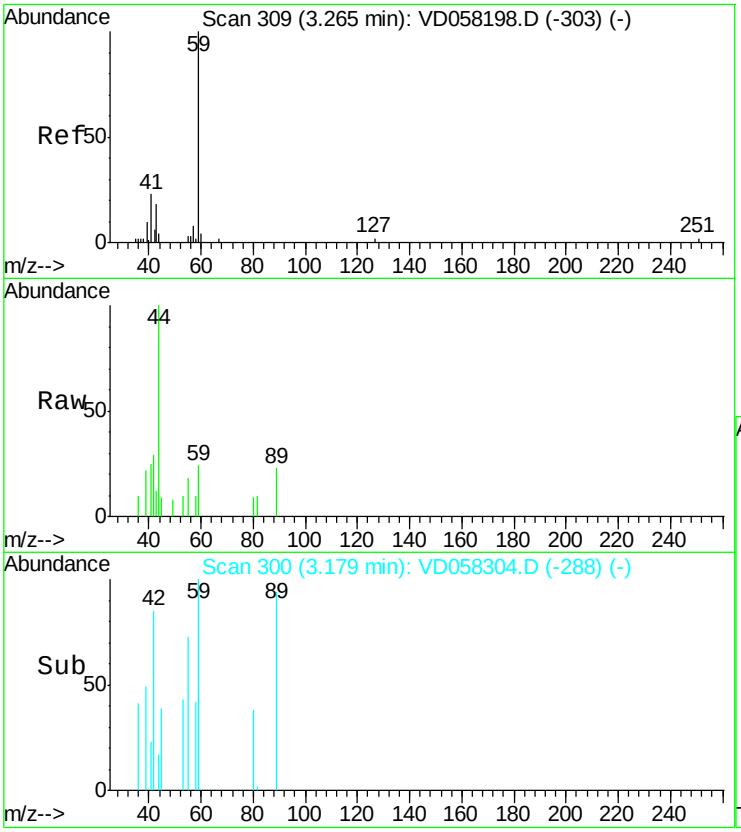


#4
Vinyl Chloride
Concen: 1.498 ug/l
RT: 1.54 min Scan# 134
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 62 Resp: 4836

Ion	Ratio	Lower	Upper
62	100		
64	30.6	24.4	36.6



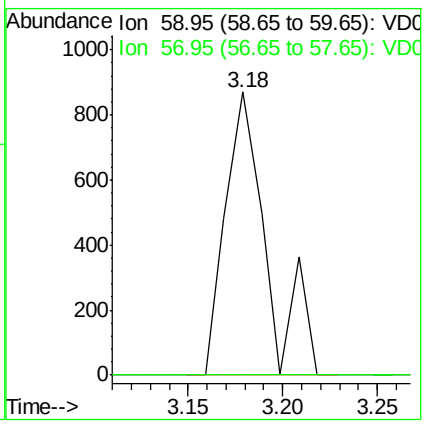


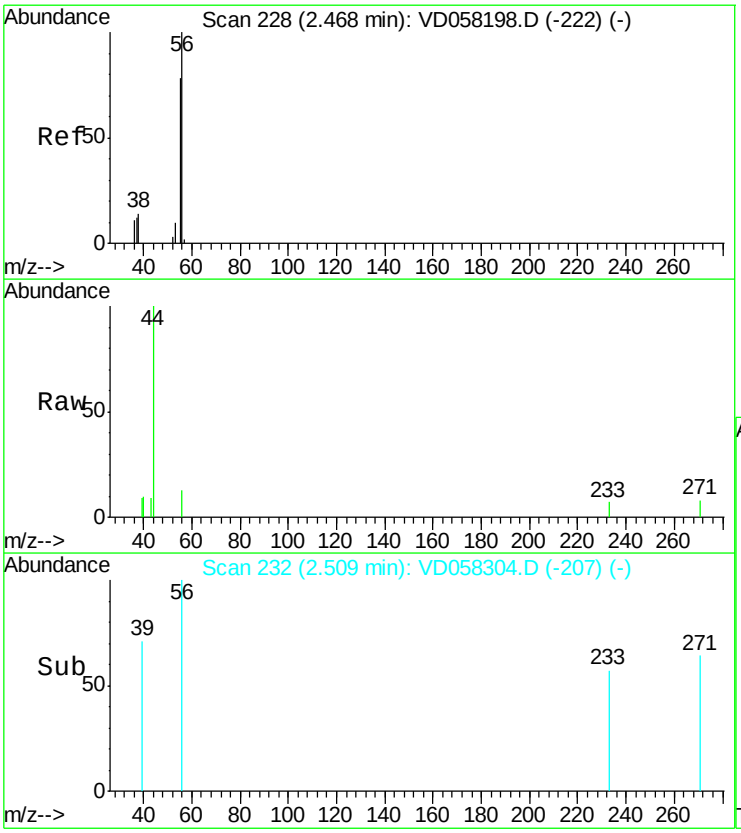
#11
Tert butyl alcohol
Concen: 6.362 ug/l
RT: 3.18 min Scan# 300
Delta R.T. -0.09 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 59 Resp: 1306

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.2	9.4#

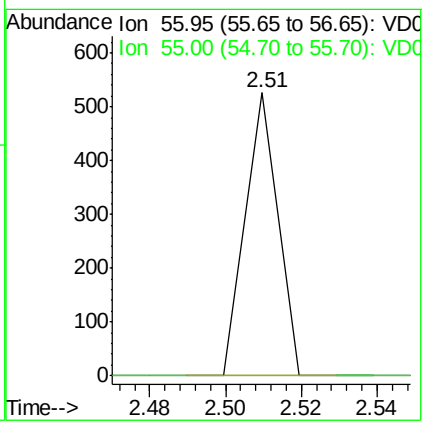


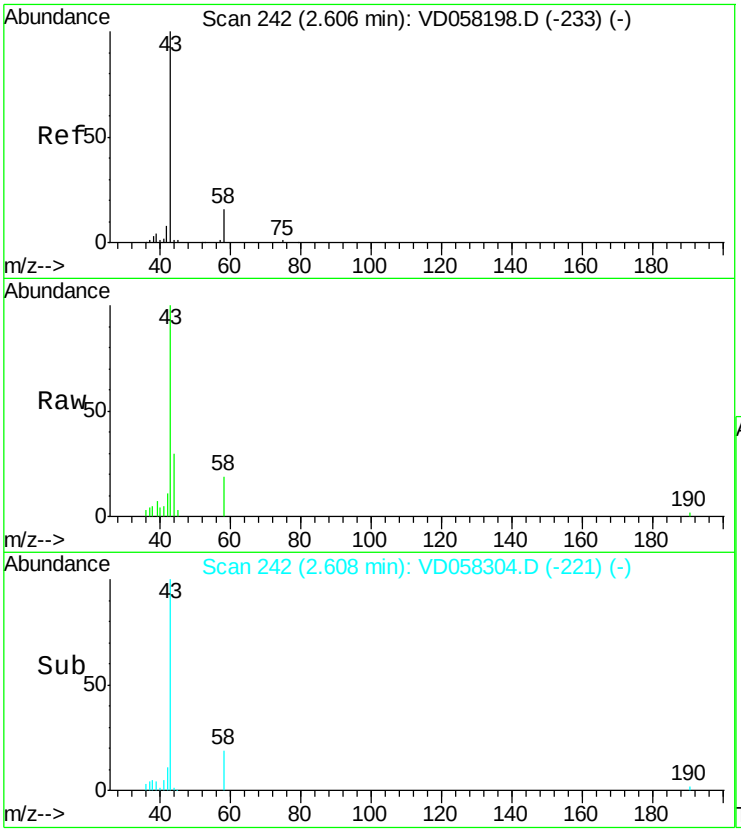


#13
Acrolein
Concen: 2.654 ug/l
RT: 2.51 min Scan# 232
Delta R.T. 0.04 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 56 Resp: 311

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.1	93.1#



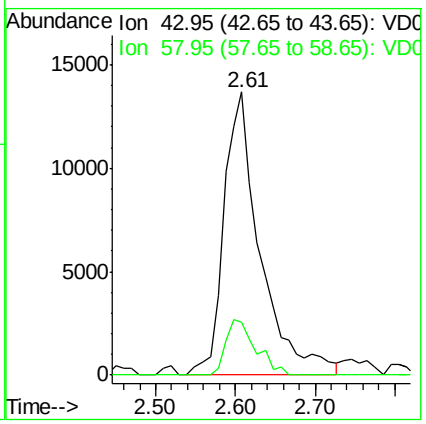


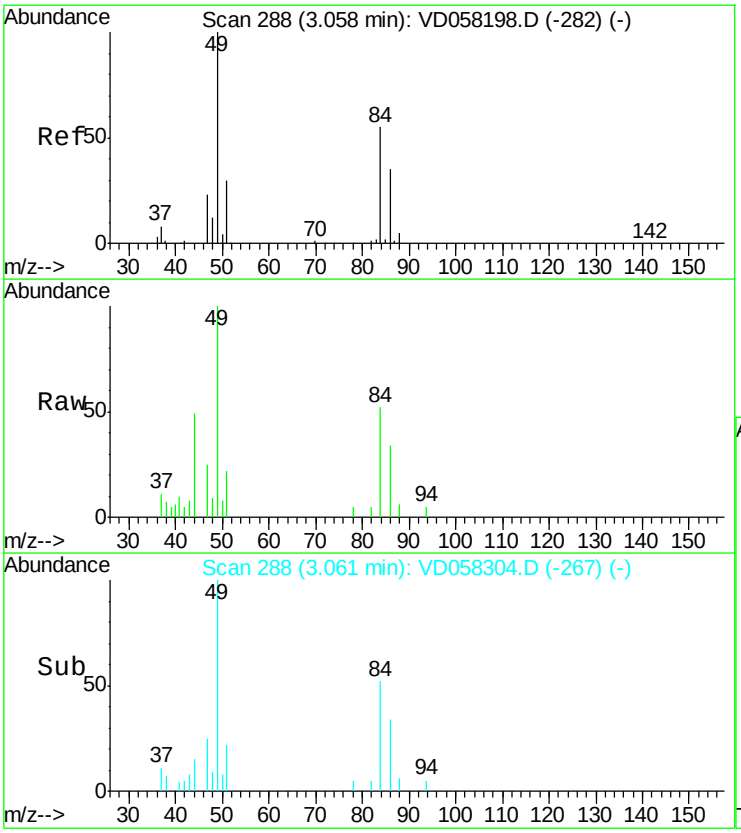
#16
Acetone
Concen: 50.943 ug/l
RT: 2.61 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 43 Resp: 43360

Ion	Ratio	Lower	Upper
43	100		
58	18.5	12.7	19.1

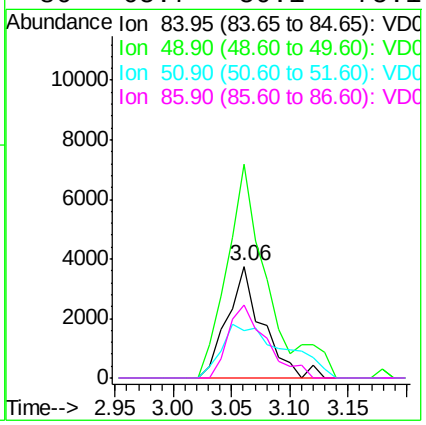


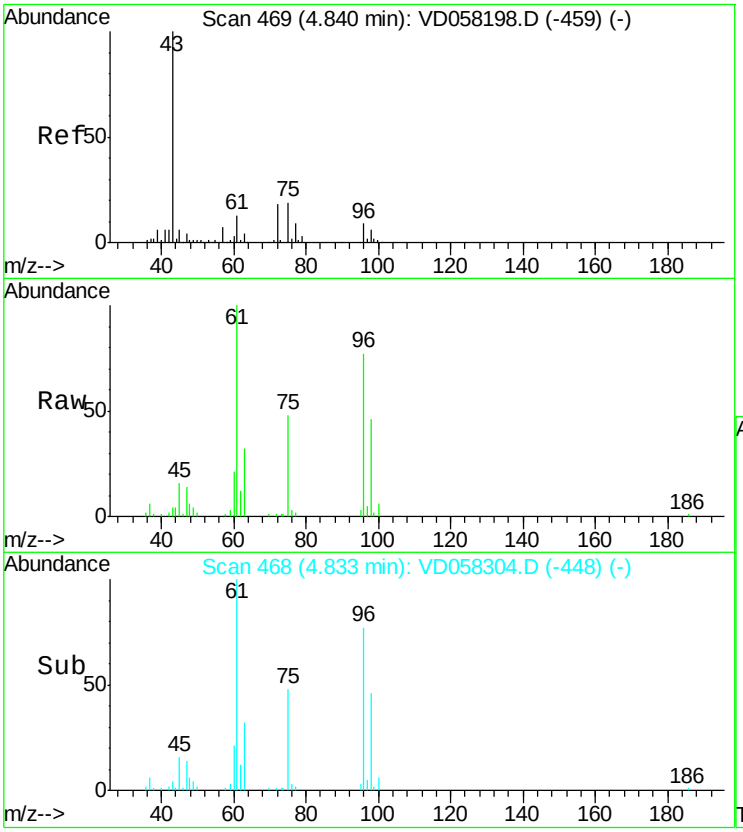


#20
Methylene Chloride
Concen: Below Cal
RT: 3.06 min Scan# 288
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 84 Resp: 7885

Ion	Ratio	Lower	Upper
84	100		
49	191.8	145.0	217.6
51	43.1	42.9	64.3
86	65.7	50.1	75.1



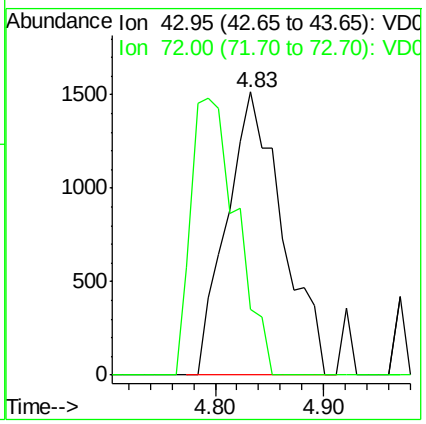


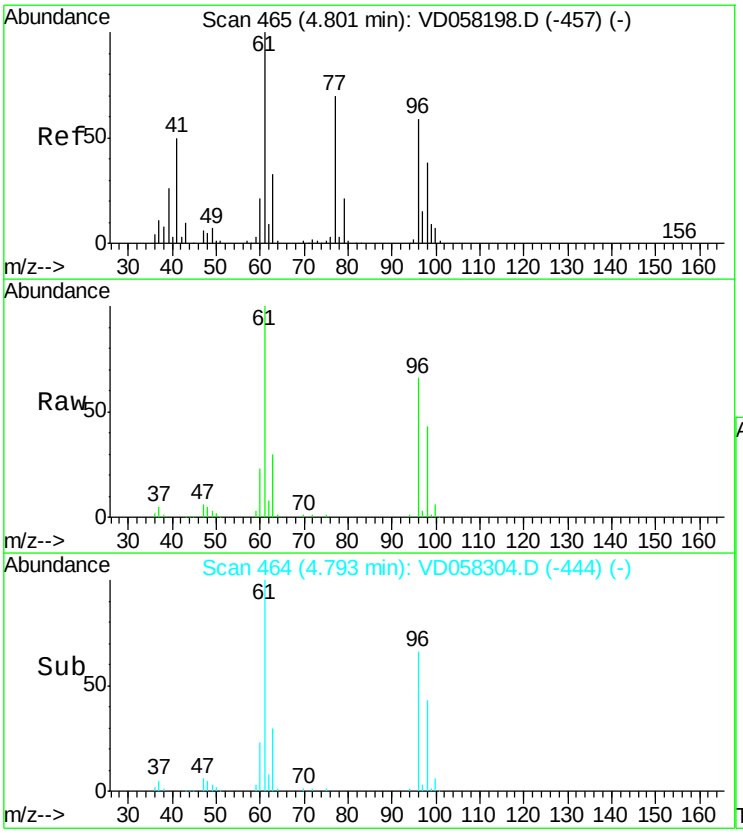
#25
2-Butanone
Concen: 2.923 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 43 Resp: 5423

Ion	Ratio	Lower	Upper
43	100		
72	23.2	14.1	21.1#

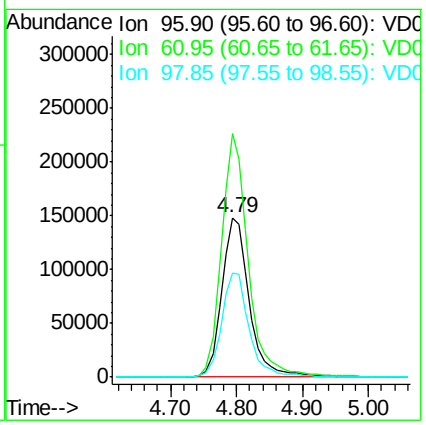


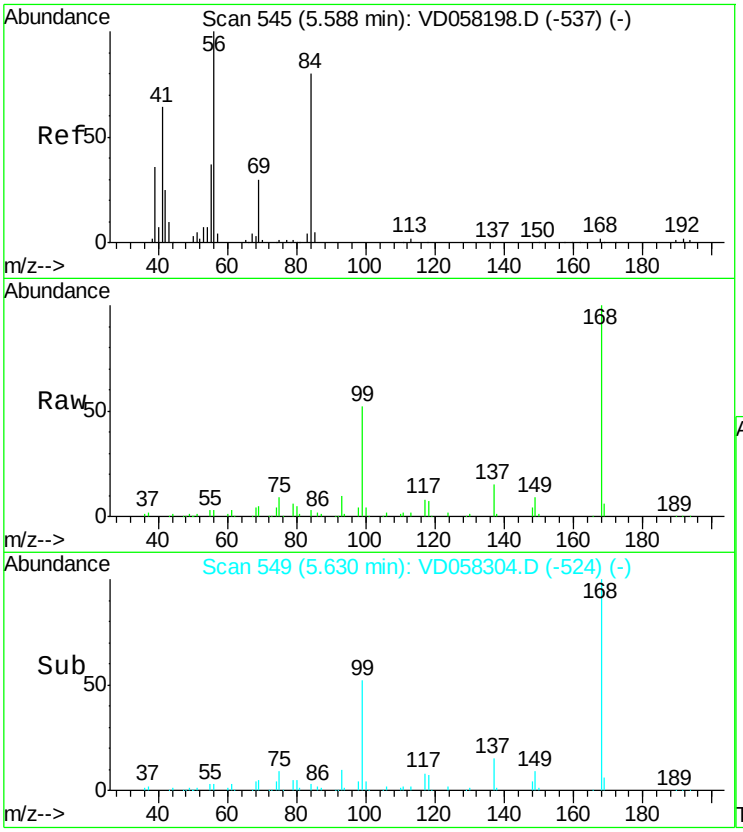


#27
cis-1,2-Dichloroethene
Concen: 74.569 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 96 Resp: 431110

Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	338.6
98	64.9	0.0	130.2



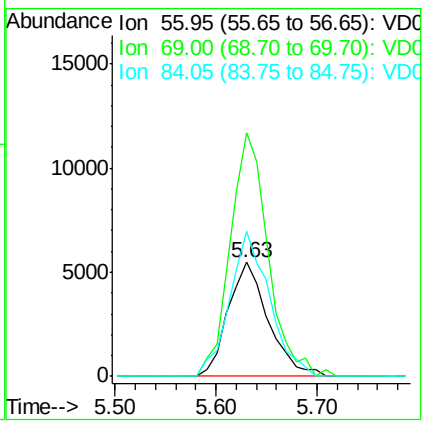


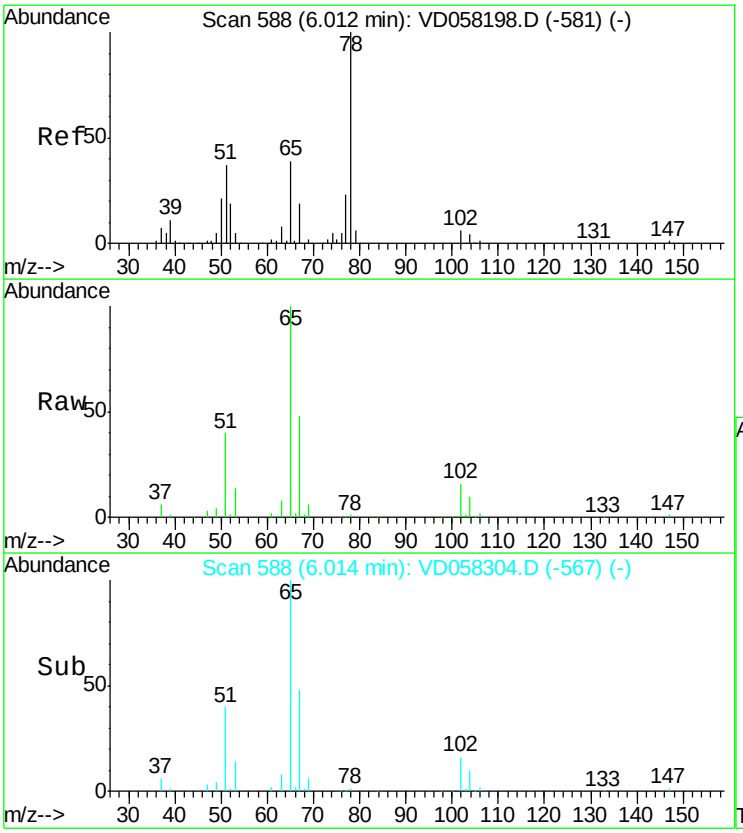
#31
Cyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 549
Delta R.T. 0.04 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument : MSVOA_D
ClientSampleId : WP021SB472-30-32-180618

Tgt Ion: 56 Resp: 15154

Ion	Ratio	Lower	Upper
56	100		
69	213.4	23.6	35.4#
84	127.4	65.2	97.8#

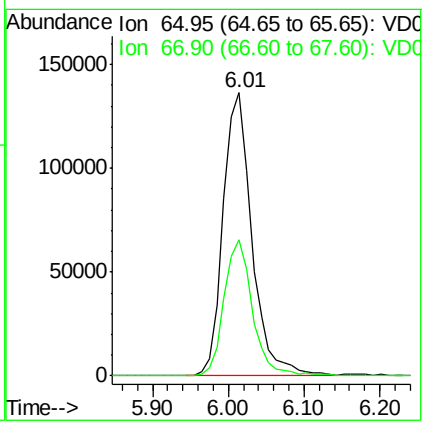


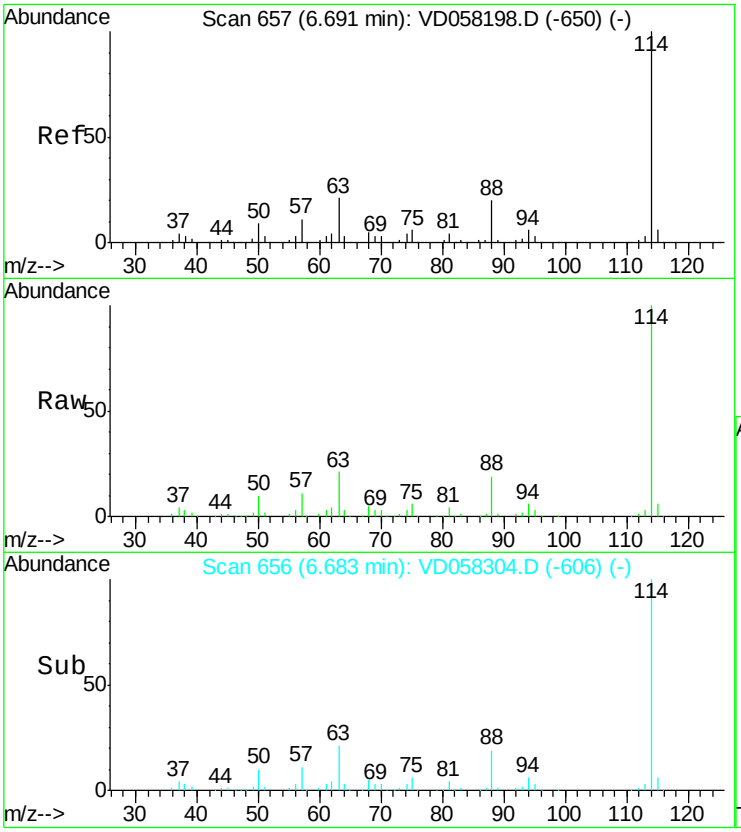


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 65 Resp: 360001

Ion	Ratio	Lower	Upper
65	100		
67	47.9	0.0	97.8



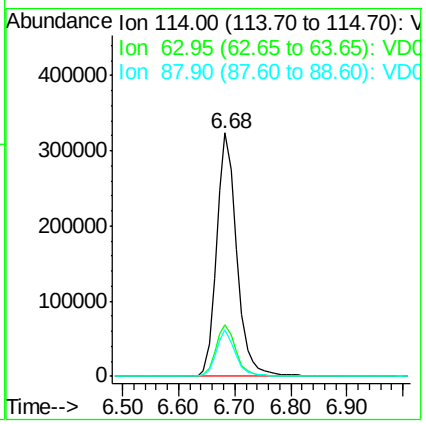


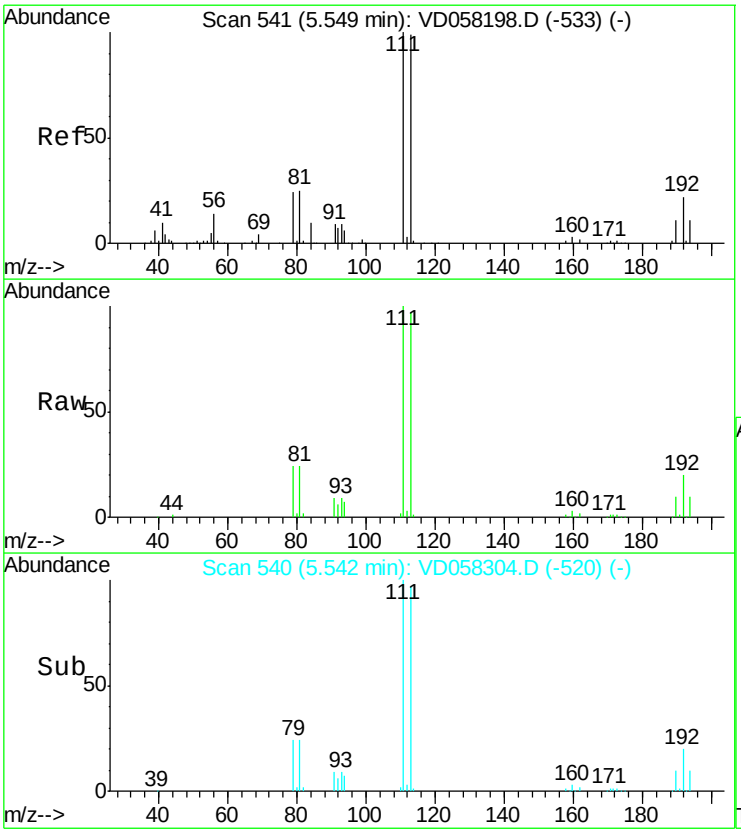
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion:114 Resp: 811856

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	19.2	0.0	40.6

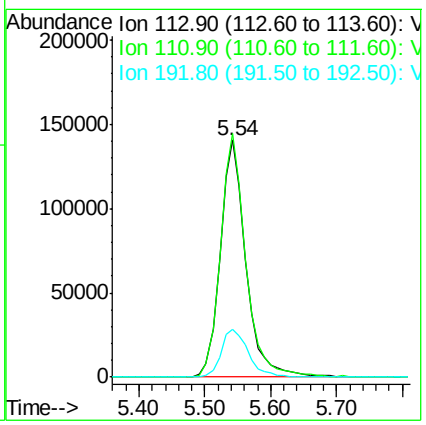


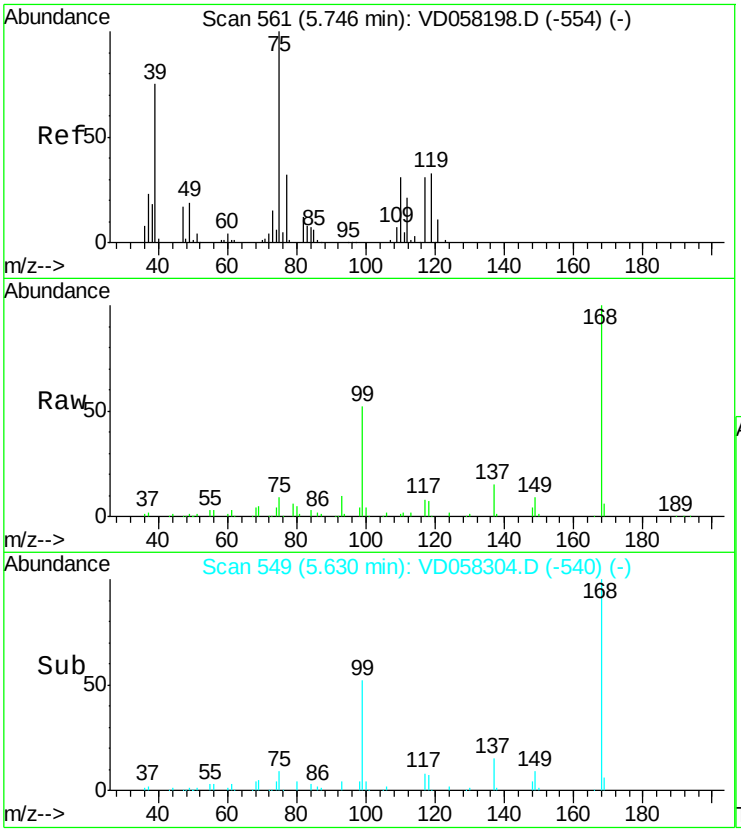


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:113 Resp: 380352

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	20.1	17.8	26.6



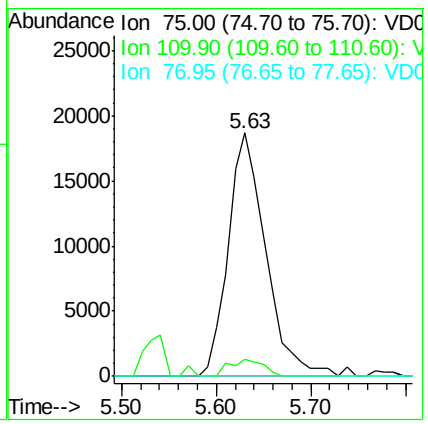


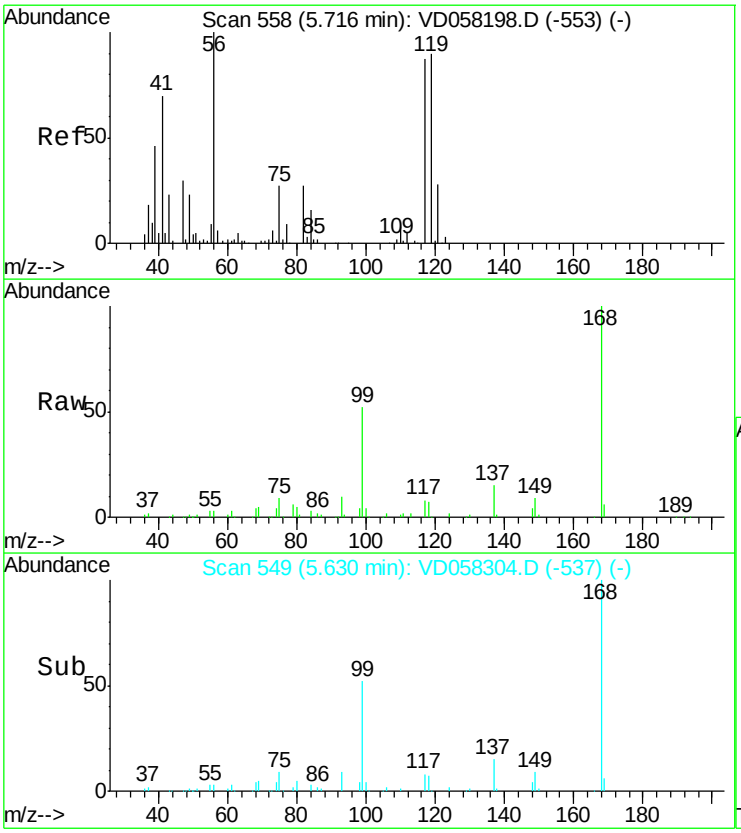
#36
1,1-Dichloropropene
Concen: 6.380 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.12 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 75 Resp: 51242

Ion	Ratio	Lower	Upper
75	100		
110	6.9	15.4	46.4#
77	0.0	25.4	38.2#

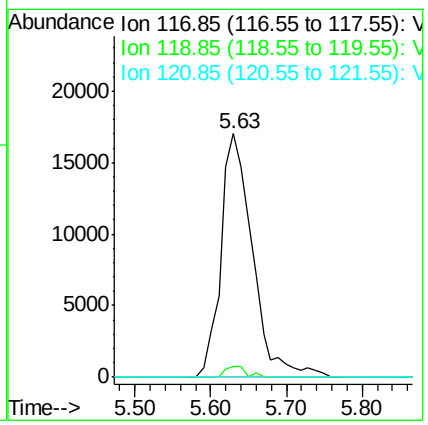


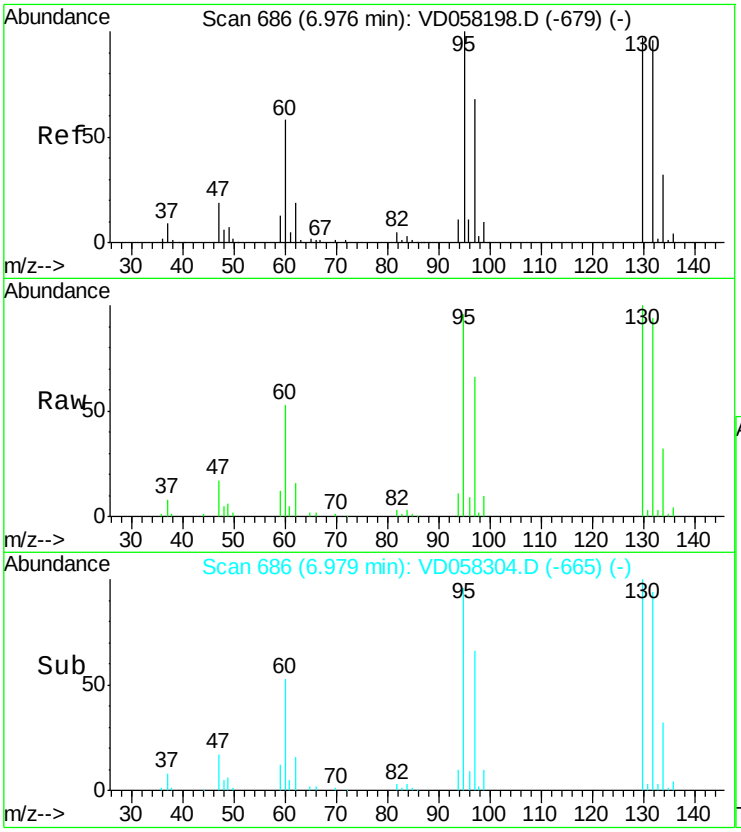


#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.09 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:117 Resp: 49089

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.8	118.2#
121	0.0	25.0	37.6#



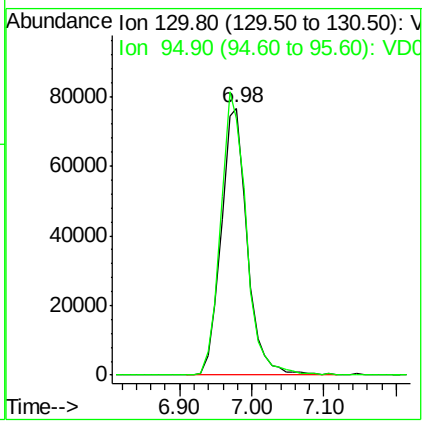


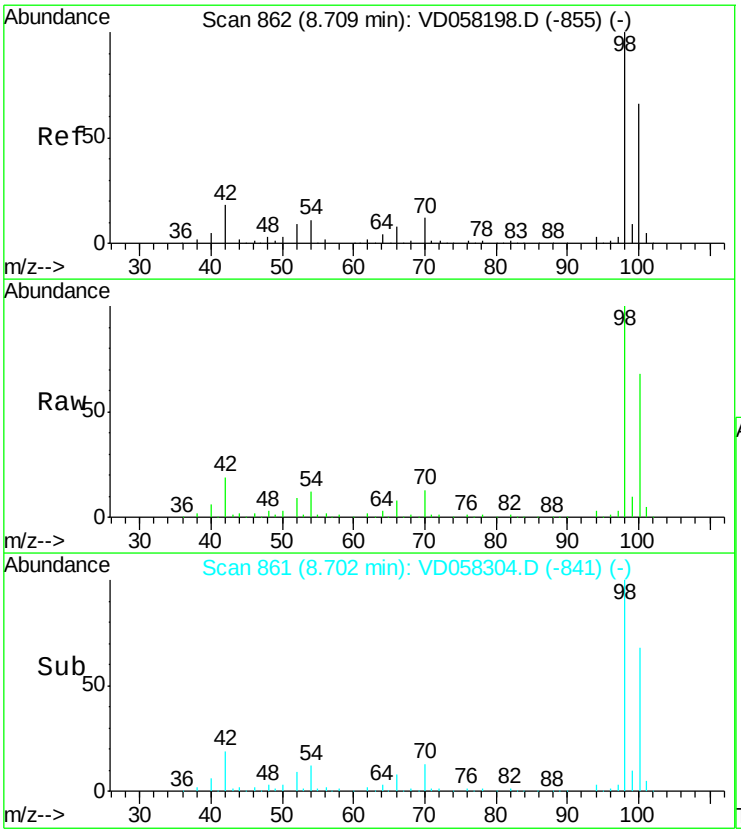
#44
Trichloroethene
Concen: 33.179 ug/l
RT: 6.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion:130 Resp: 190609

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	205.6

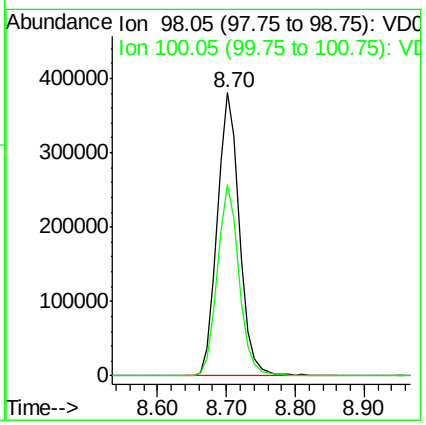


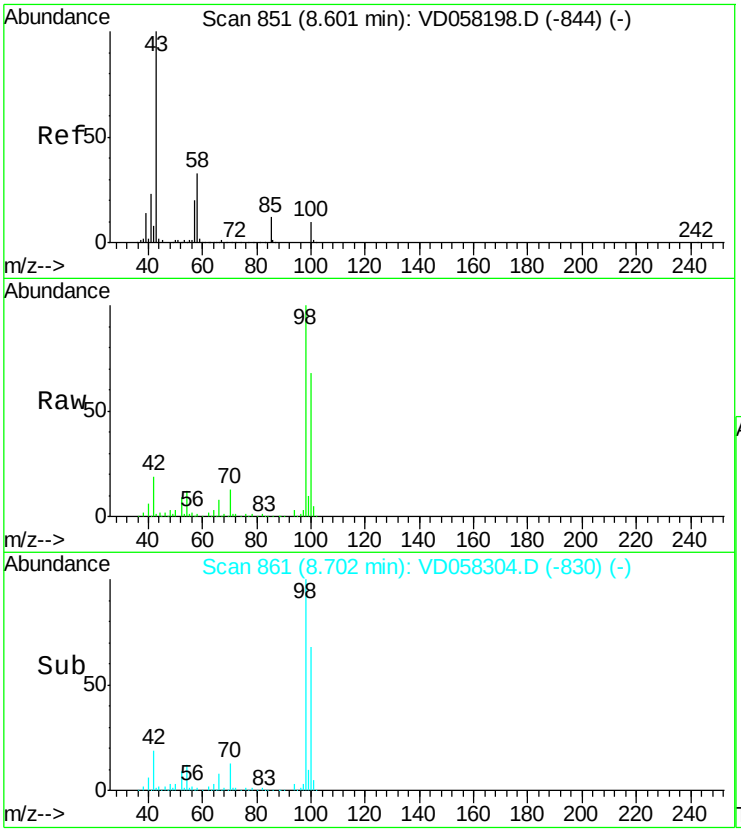


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 98 Resp: 845780

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.6	80.4



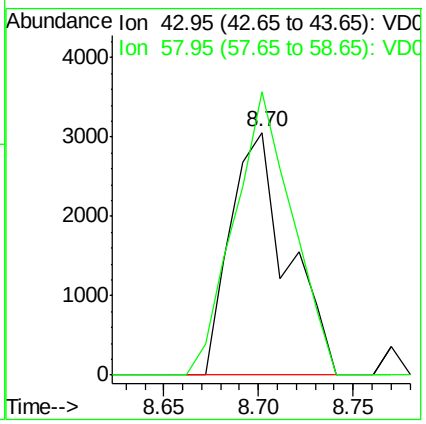


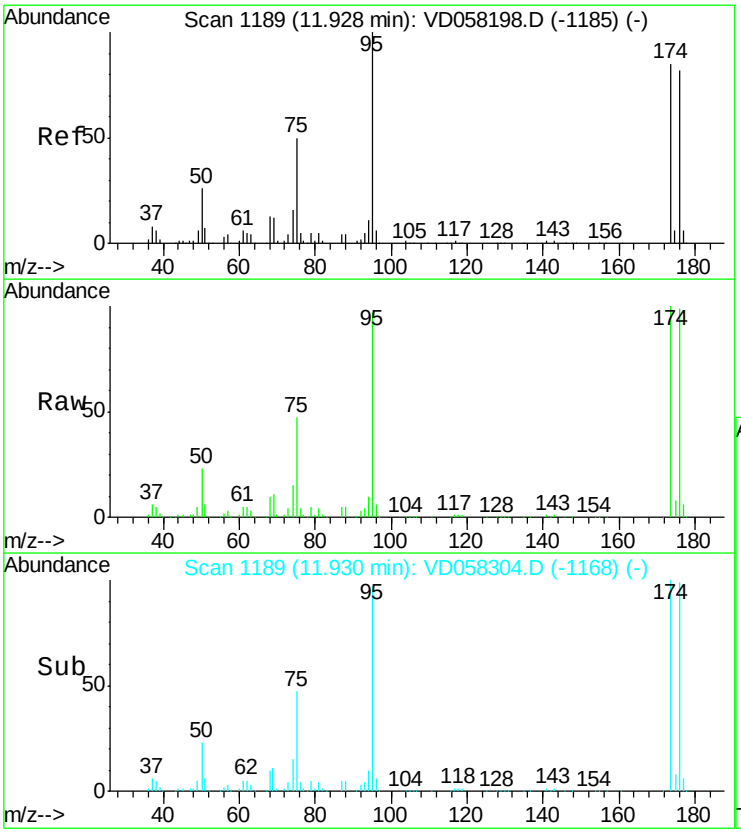
#51
4-Methyl-2-Pentanone
Concen: 1.609 ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.10 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 43 Resp: 6401

Ion	Ratio	Lower	Upper
43	100		
58	116.6	26.7	40.1#

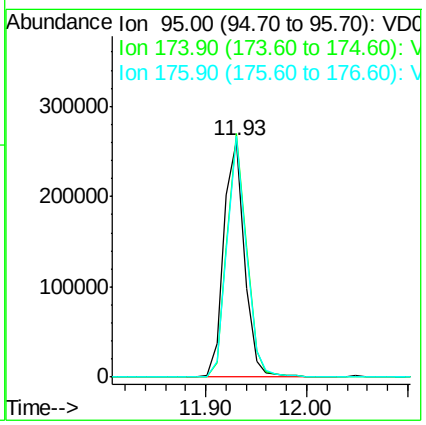


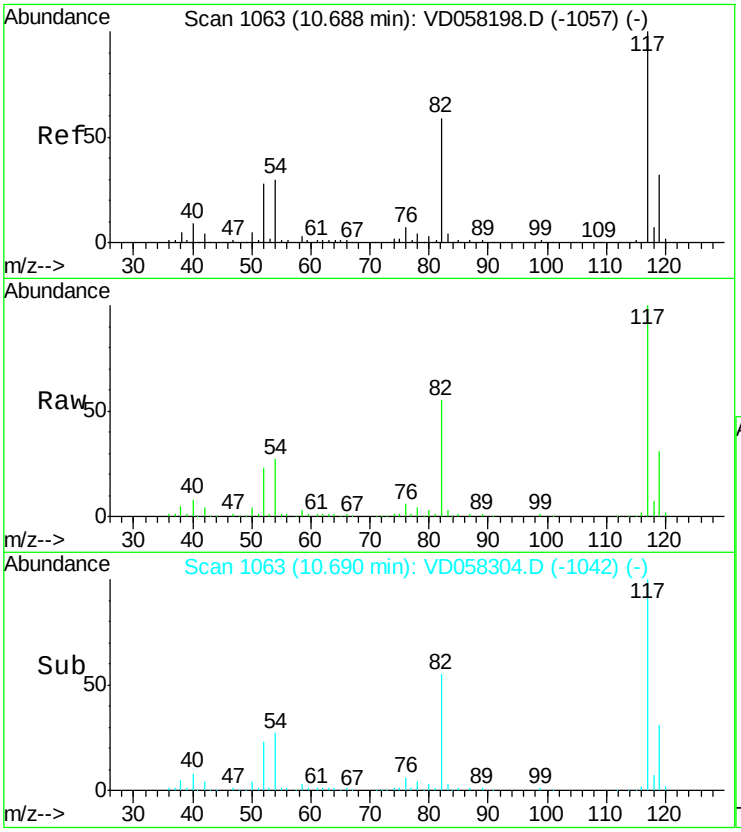


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 95 Resp: 375072

Ion	Ratio	Lower	Upper
95	100		
174	103.0	0.0	170.2
176	102.0	0.0	164.6



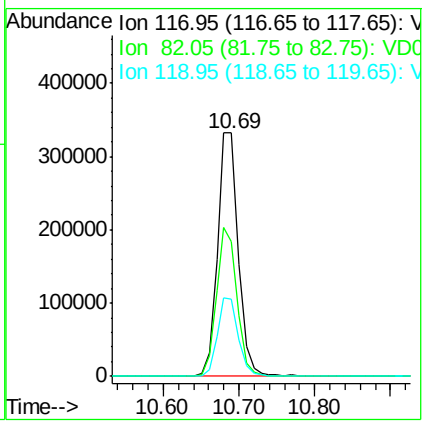


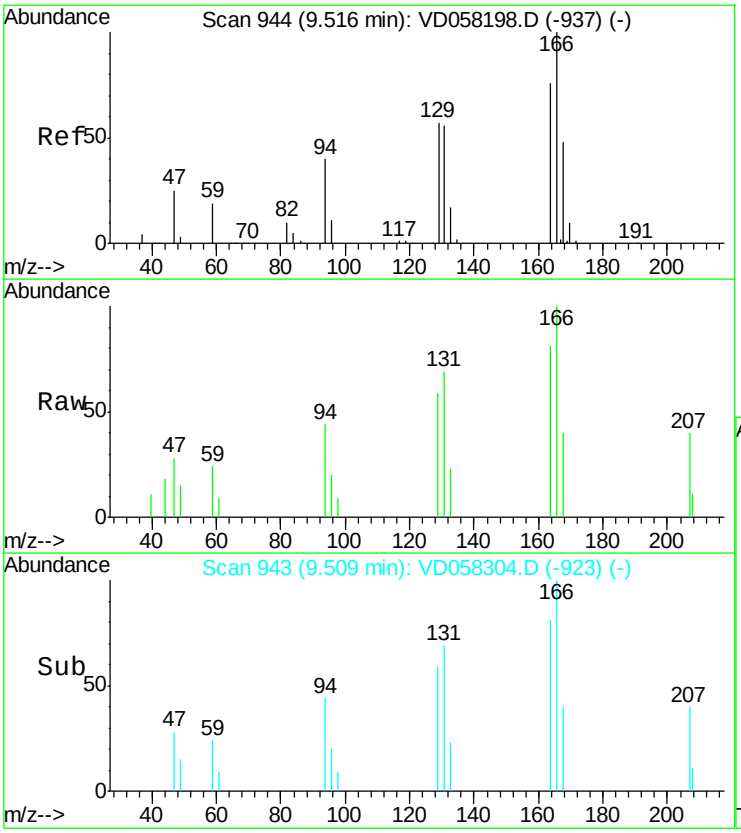
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument : MSVOA_D
ClientSampleId : WP021SB472-30-32-180618

Tgt Ion:117 Resp: 638040

Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.0	70.6
119	31.5	25.3	37.9

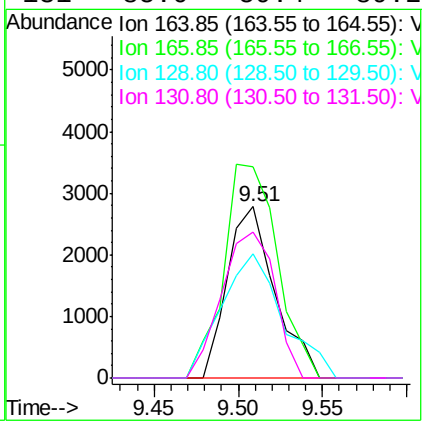


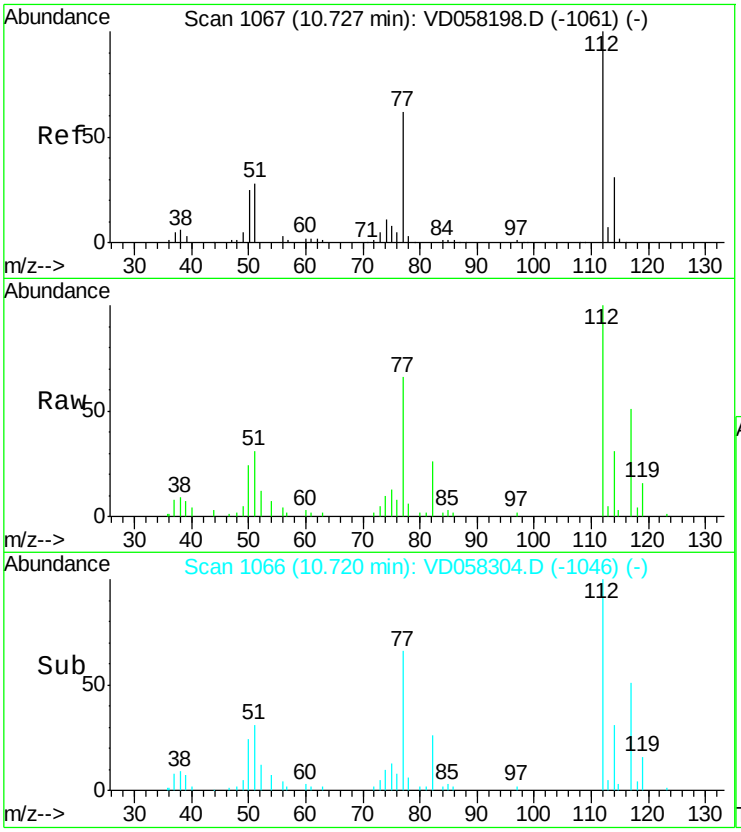


#64
Tetrachloroethene
Concen: 1.016 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:164 Resp: 5453

Ion	Ratio	Lower	Upper
164	100		
166	123.3	105.4	158.0
129	72.7	59.6	89.4
131	85.0	59.4	89.2



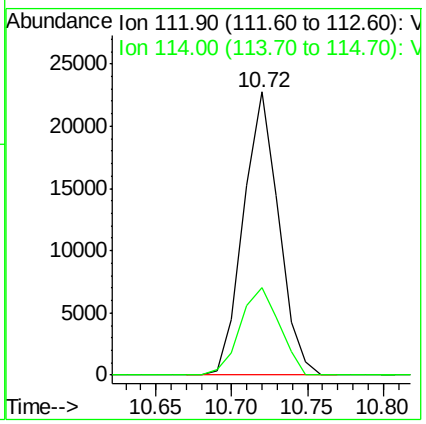


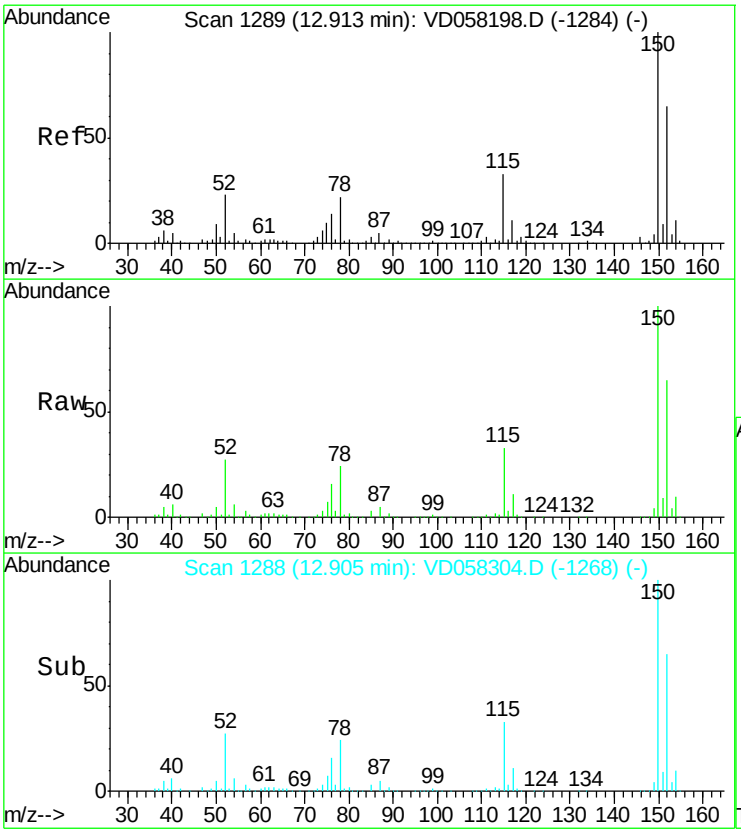
#65
Chlorobenzene
Concen: 3.104 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion:112 Resp: 37043

Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.0	37.4

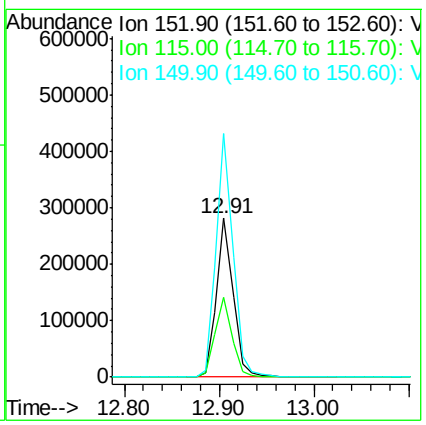


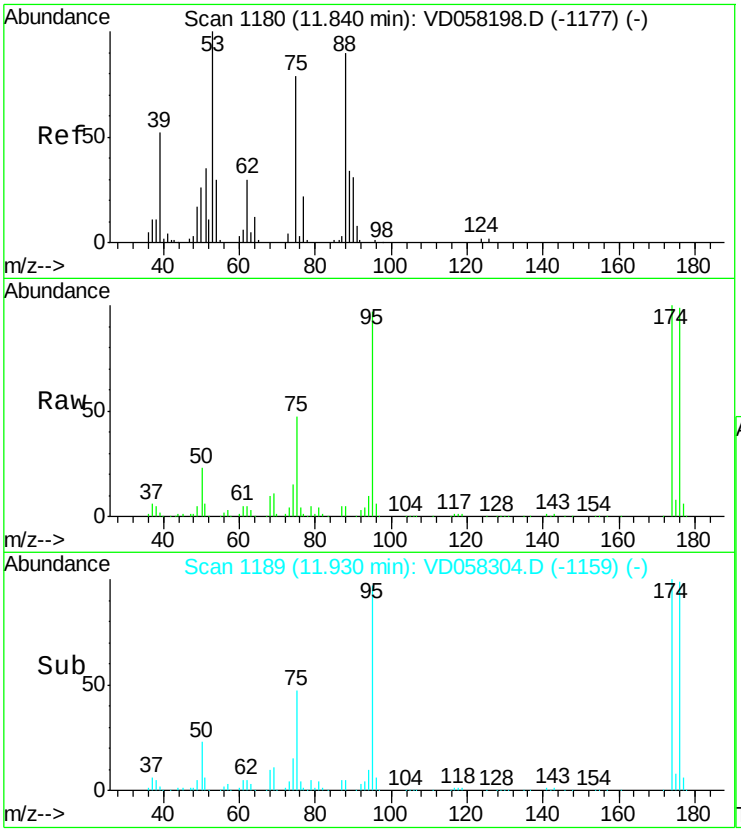


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:152 Resp: 344127

Ion	Ratio	Lower	Upper
152	100		
115	50.0	25.1	75.3
150	153.5	0.0	308.8



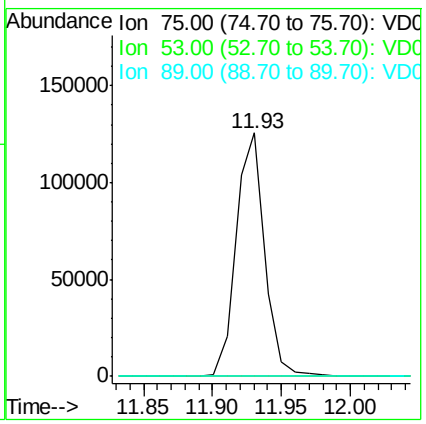


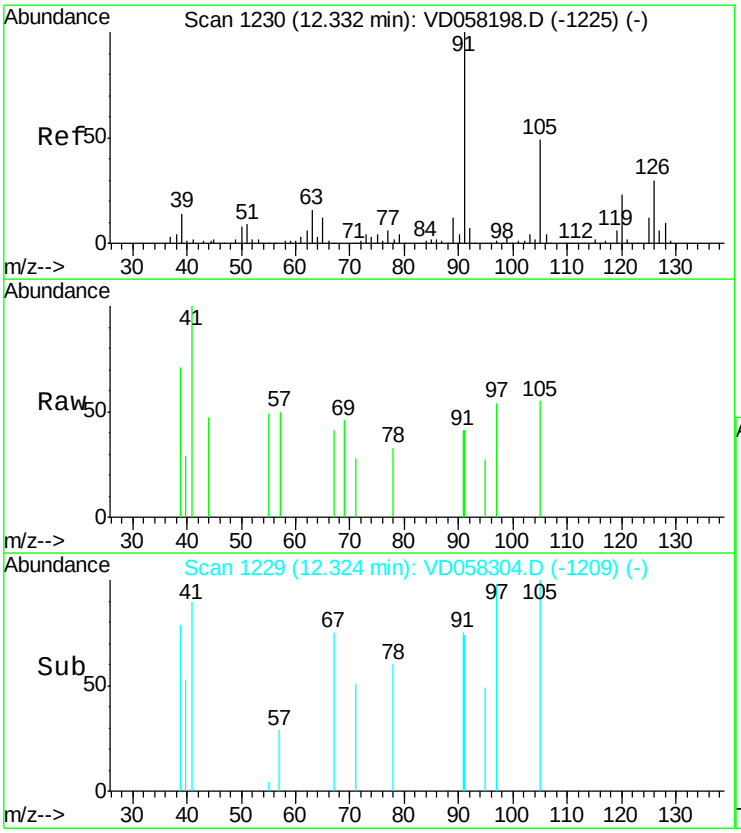
#81
trans-1,4-Dichloro-2-butene
Concen: 147.845 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion: 75 Resp: 181170

Ion	Ratio	Lower	Upper
75	100		
53	0.0	100.8	151.2#
89	0.0	34.6	52.0#

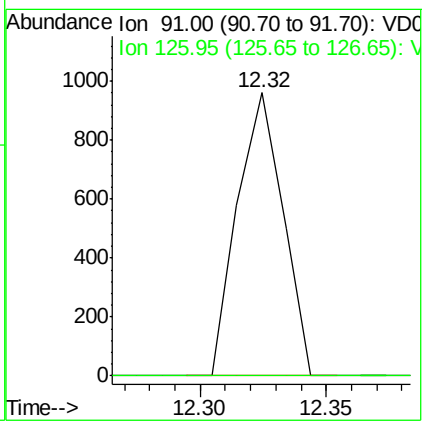


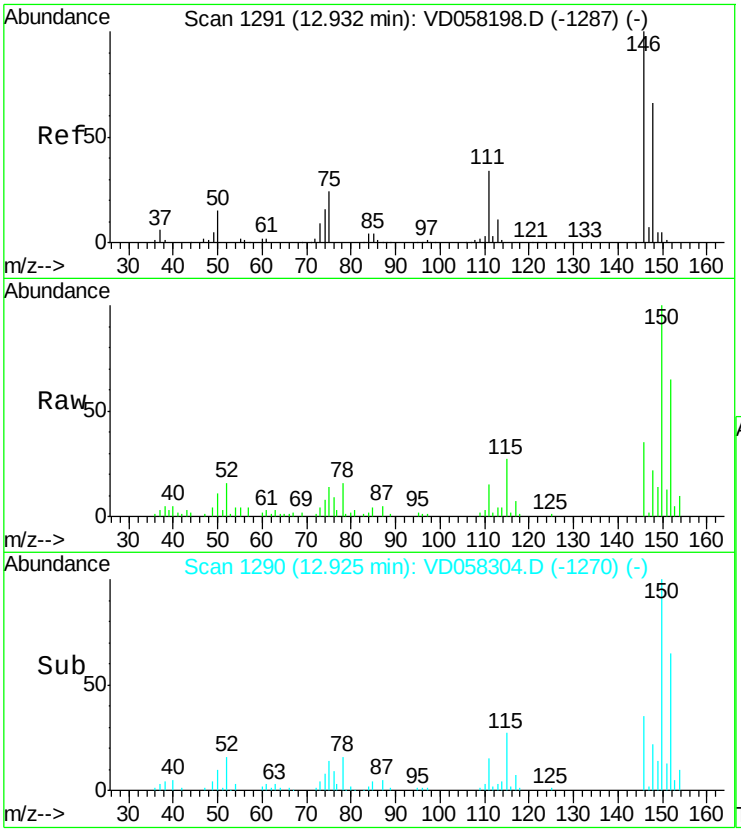


#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion: 91 Resp: 1207

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.9	44.9#



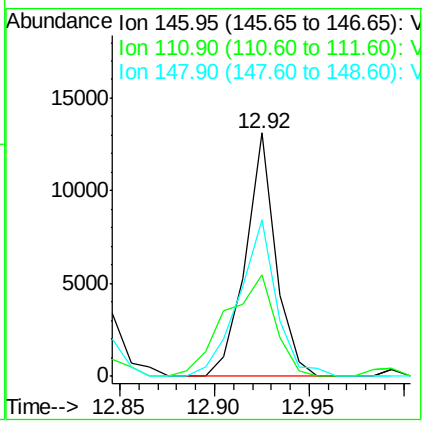


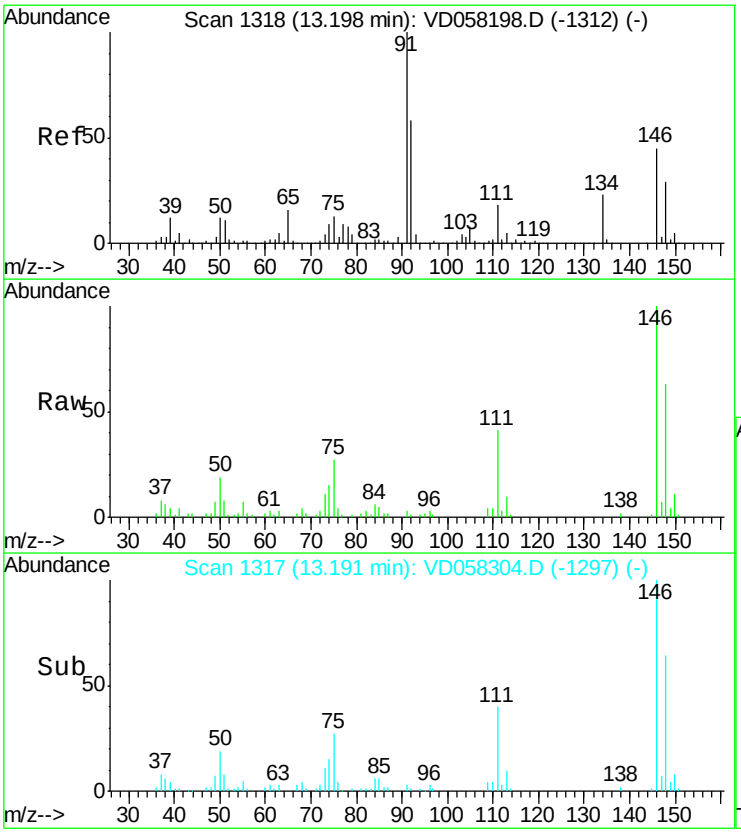
#88
1,4-Dichlorobenzene
Concen: 1.389 ug/l
RT: 12.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-30-32-180618

Tgt Ion:146 Resp: 14536

Ion	Ratio	Lower	Upper
146	100		
111	41.9	17.2	51.5
148	64.2	33.1	99.3





#91
1,2-Dichlorobenzene
Concen: 5.631 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VD058304.D
Acq: 22 Jun 2018 18:51

Tgt Ion:146 Resp: 51338

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	63.5	32.0	96.2