Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061518\
Data File : VD058161.D
Acq On : 15 Jun 2018 19:28
Operator : VA/AP
Sample : J3471-01RE
Misc : 4.25g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 15 23:19:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	629557	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	803986	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	581262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	221379	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	406151	64.53	ug/l	-0.01
Spiked Amount 50.000			Recovery = 129.06%			
35) Dibromofluoromethane	5.54	113	431949	69.44	ug/l	-0.02
Spiked Amount 50.000			Recovery = 138.88%			
50) Toluene-d8	8.70	98	926854	62.67	ug/l	-0.01
Spiked Amount 50.000			Recovery = 125.34%			
62) 4-Bromofluorobenzene	11.93	95	307698	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.24	59	249	1.477	ug/l #	74
16) Acetone	2.58	43	2368	2.611	ug/l #	57
18) Methyl Acetate	2.91	43	1877	1.070	ug/l #	66
20) Methylene Chloride	3.06	84	10376	Below Cal #		90
29) Tetrahydrofuran	5.17	42	4159	3.850	ug/l #	90
31) Cyclohexane	5.63	56	12245	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	51378	5.800	ug/l #	53
38) Carbon Tetrachloride	5.64	117	49473	5.667	ug/l #	17
41) Methacrylonitrile	5.18	41	2241	1.014	ug/l #	40
51) 4-Methyl-2-Pentanone	8.71	43	6475	1.595	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	150030	182.151	ug/l #	6
82) 4-Chlorotoluene	12.32	91	562	Below Cal #		50
89) n-Butylbenzene	13.20	91	550	Below Cal #		30

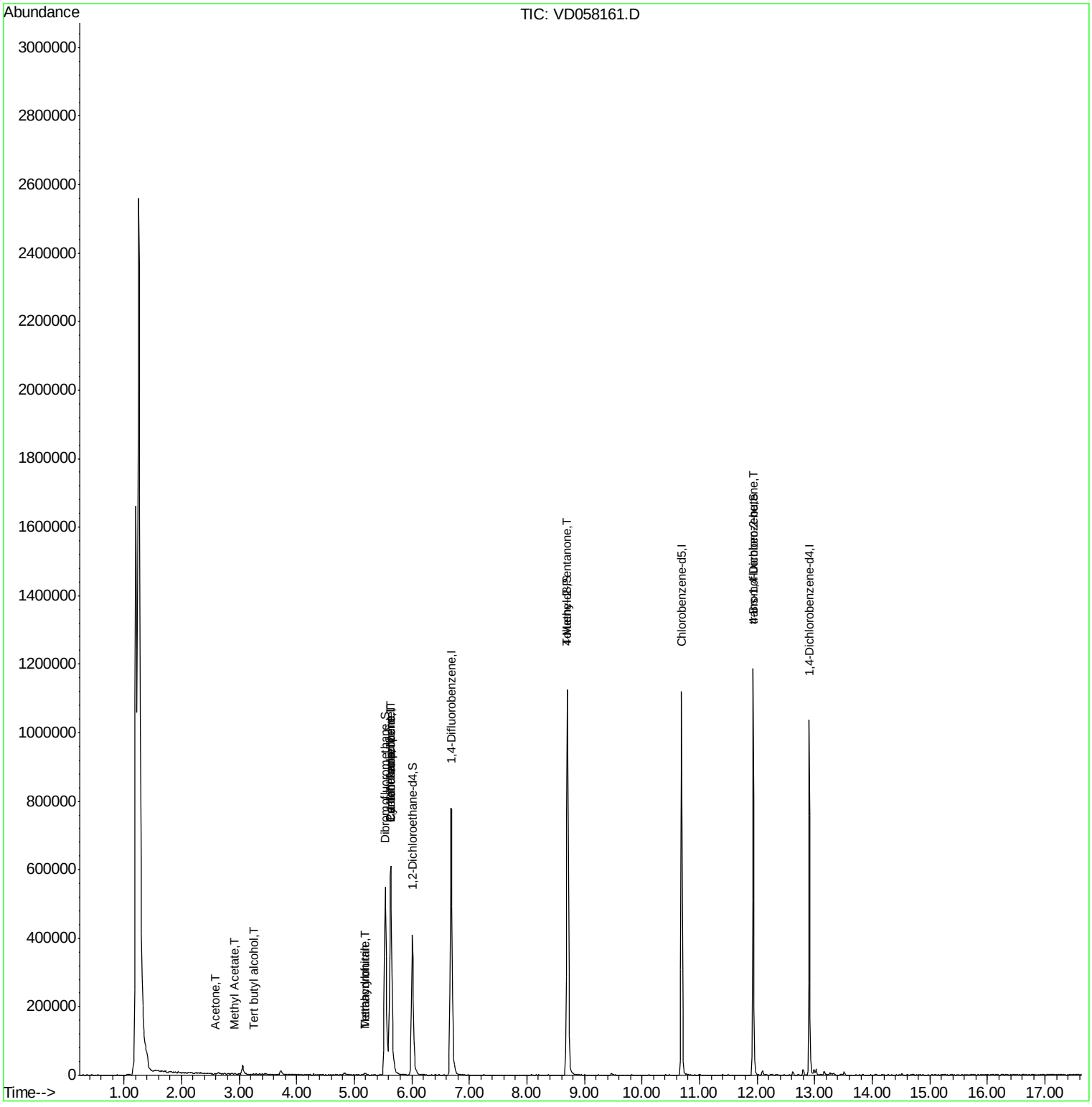
(#) = qualifier out of range (m) = manual integration (+) = signals summed

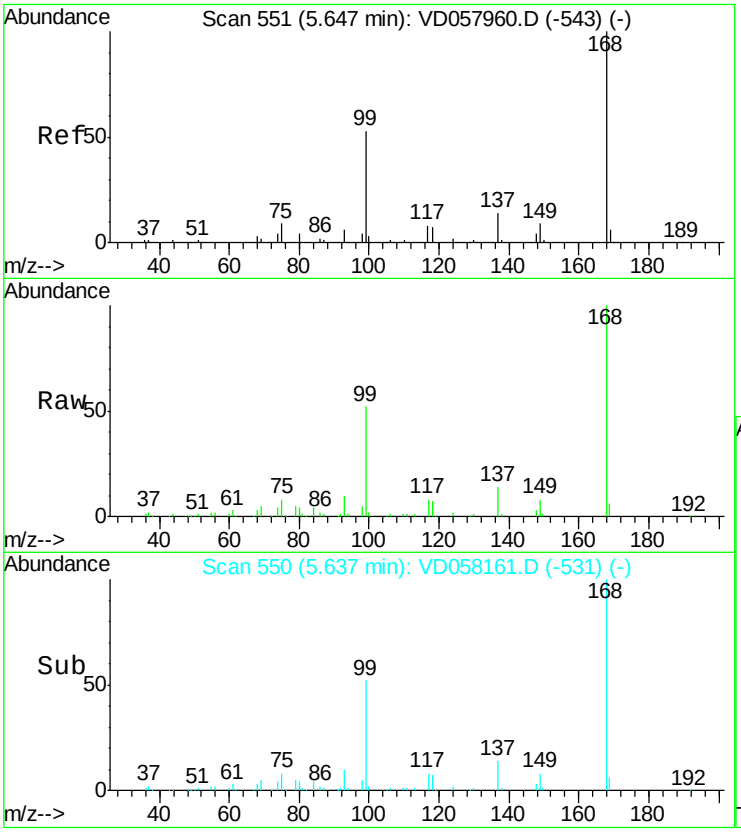
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
Data File : VD058161.D
Acq On : 15 Jun 2018 19:28
Operator : VA/AP
Sample : J3471-01RE
Misc : 4.25g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 15 23:19:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration



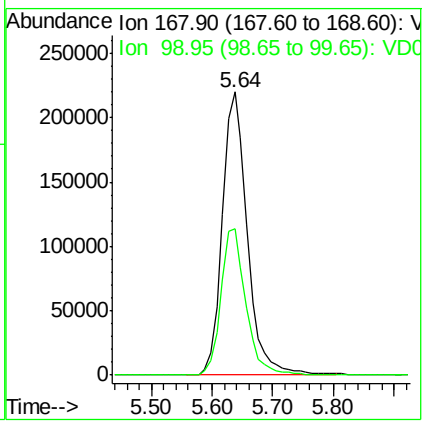


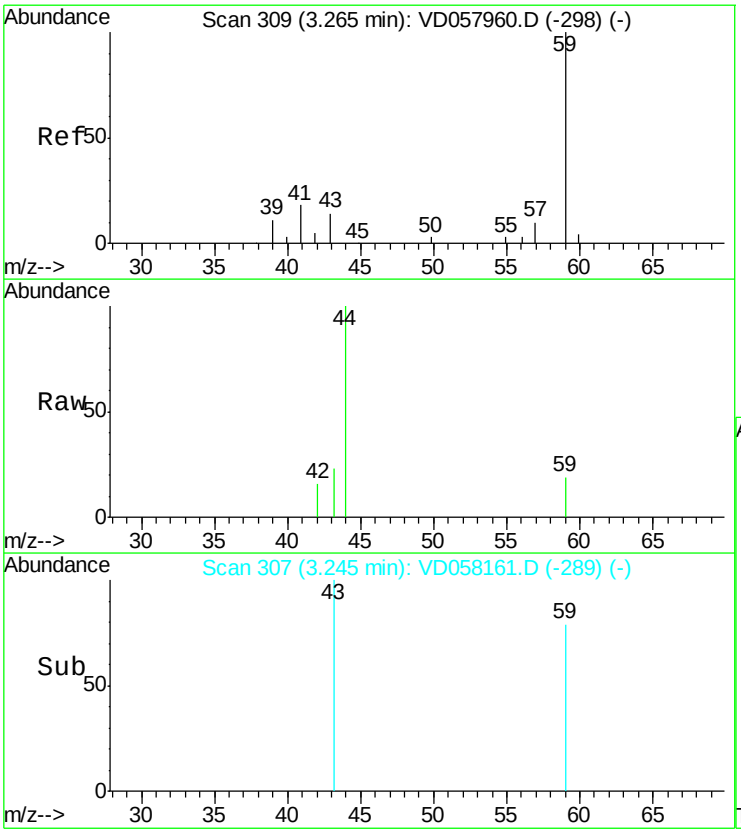
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 629557

Ion	Ratio	Lower	Upper
168	100		
99	51.6	46.8	70.2

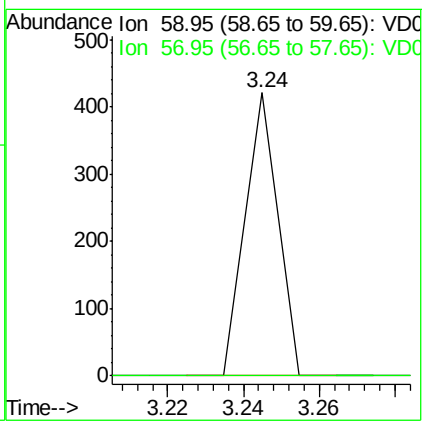


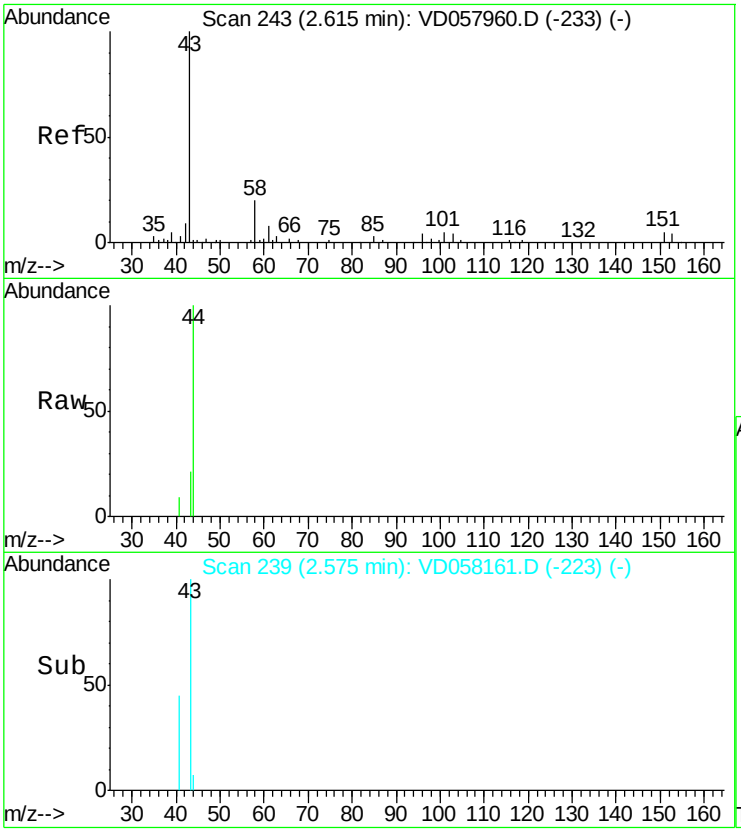


#11
Tert butyl alcohol
Concen: 1.477 ug/l
RT: 3.24 min Scan# 307
Delta R.T. -0.02 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 59 Resp: 249

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



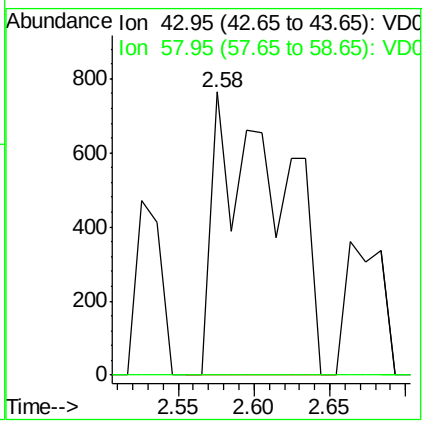


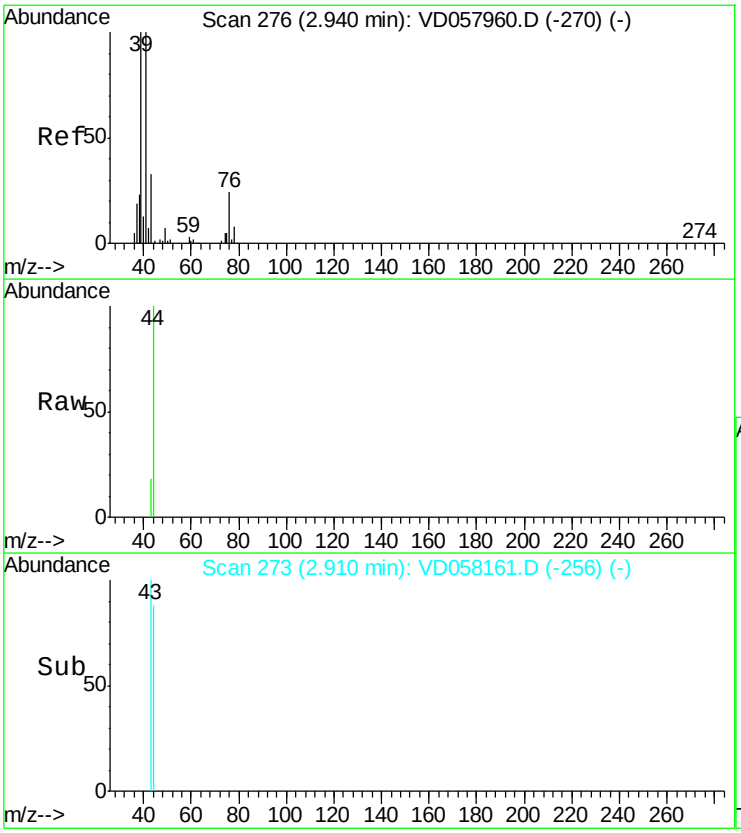
#16
Acetone
Concen: 2.611 ug/l
RT: 2.58 min Scan# 239
Delta R.T. -0.04 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2368

Ion	Ratio	Lower	Upper
43	100		
58	0.0	15.8	23.8#

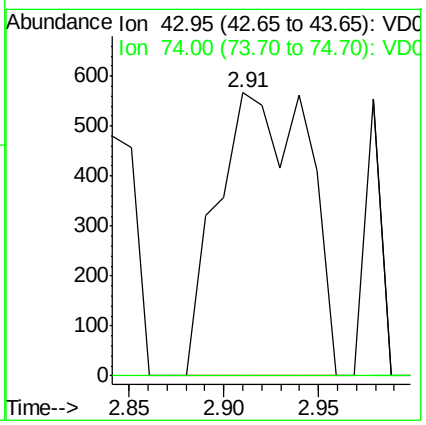


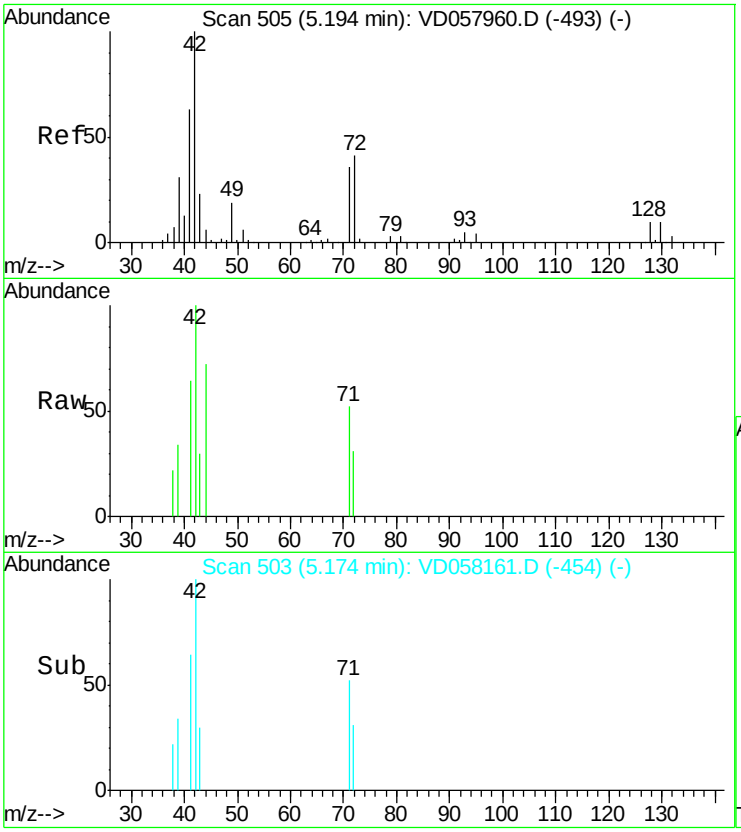


#18
Methyl Acetate
Concen: 1.070 ug/l
RT: 2.91 min Scan# 273
Delta R.T. -0.03 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 43 Resp: 1877

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#



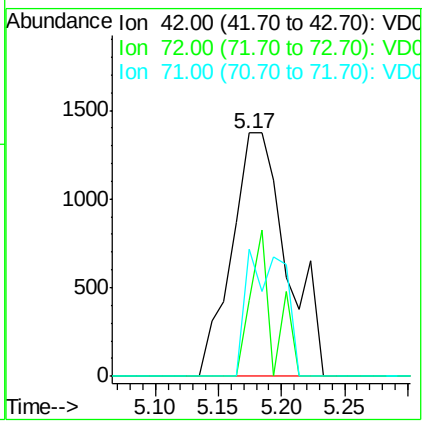


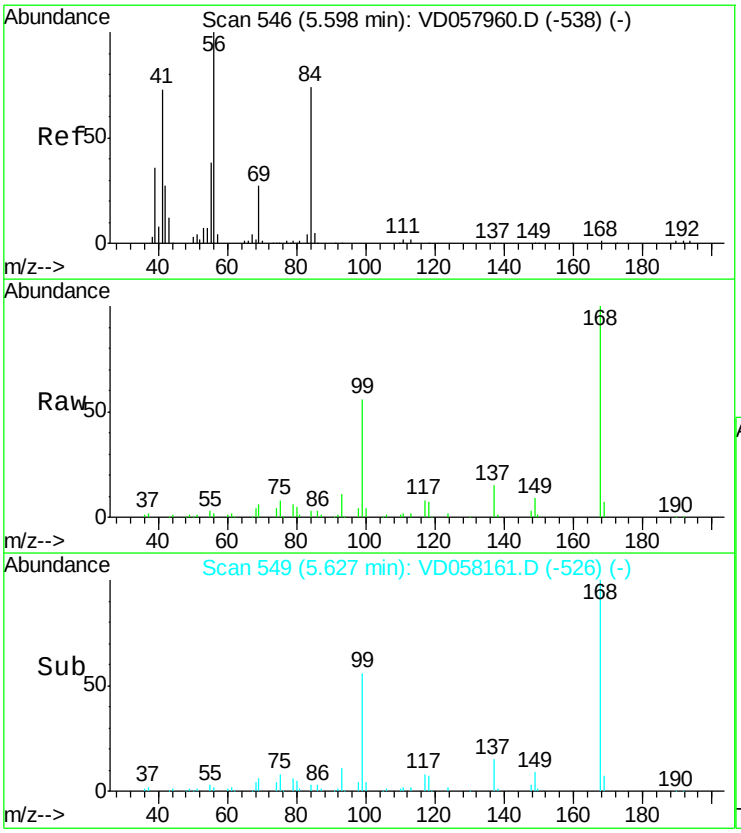
#29
Tetrahydrofuran
Concen: 3.850 ug/l
RT: 5.17 min Scan# 503
Delta R.T. -0.02 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 4159

Ion	Ratio	Lower	Upper
42	100		
72	24.6	28.5	42.7#
71	35.6	27.9	41.9

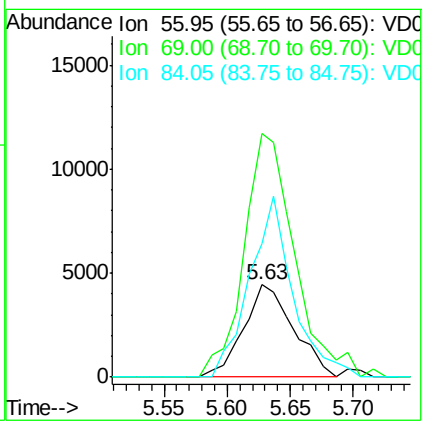


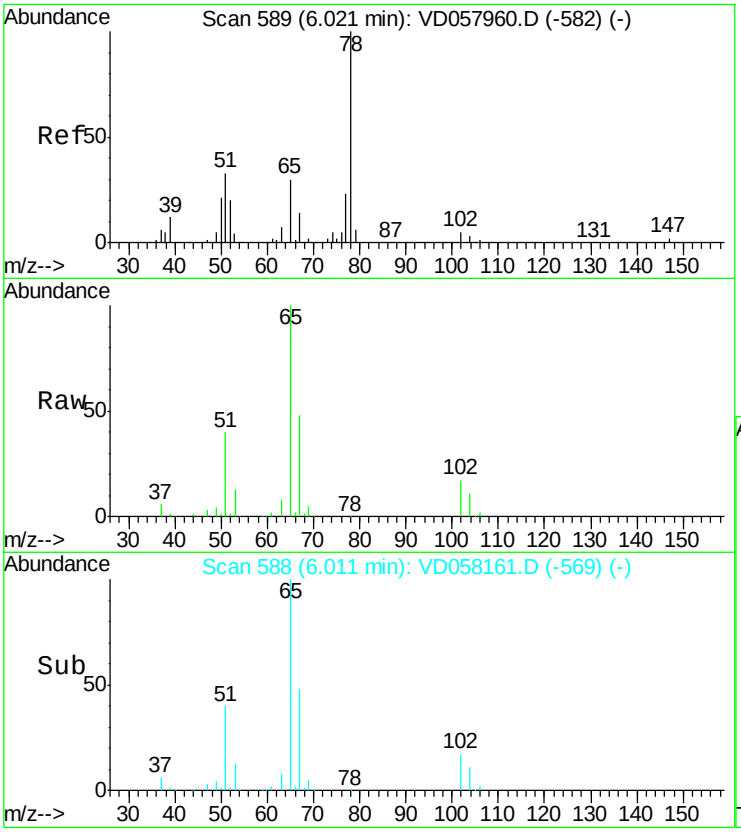


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.03 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 56 Resp: 12245

Ion	Ratio	Lower	Upper
56	100		
69	263.7	21.5	32.3#
84	144.6	61.0	91.6#



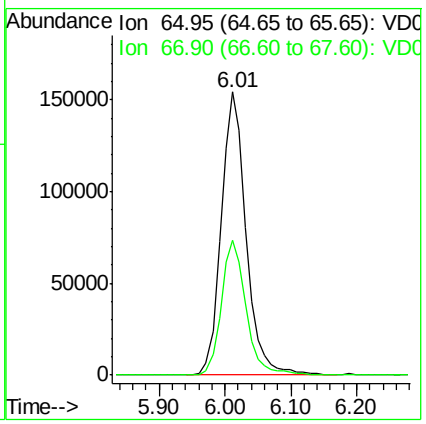


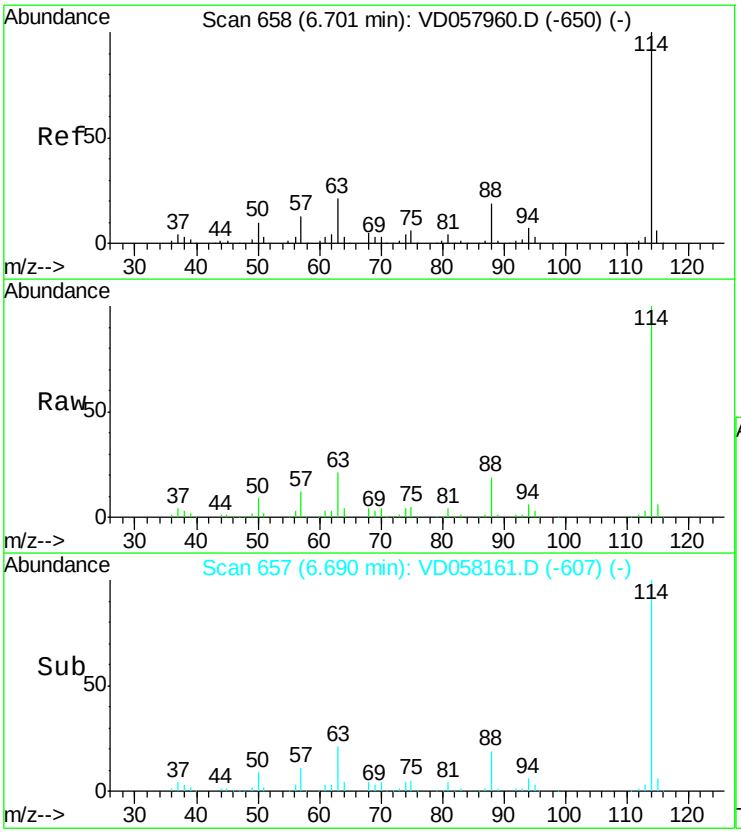
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 406151

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	94.0

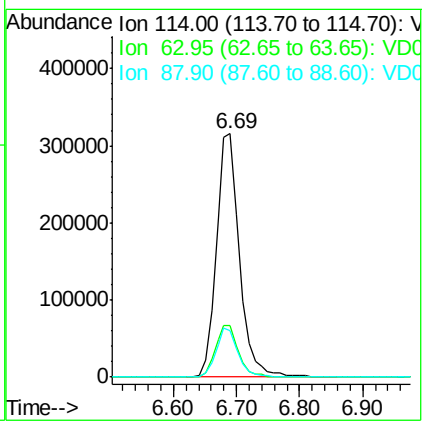


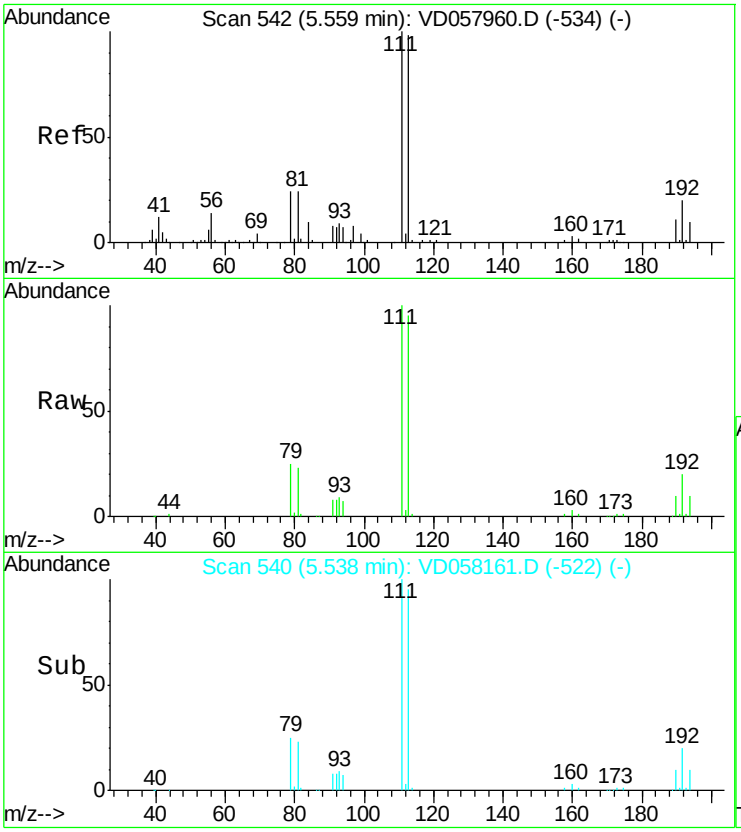


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion:114 Resp: 803986

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.8
88	19.2	0.0	37.8



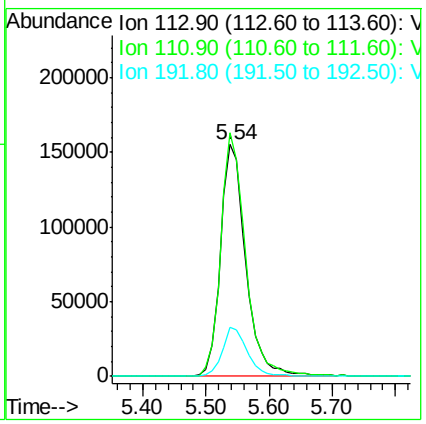


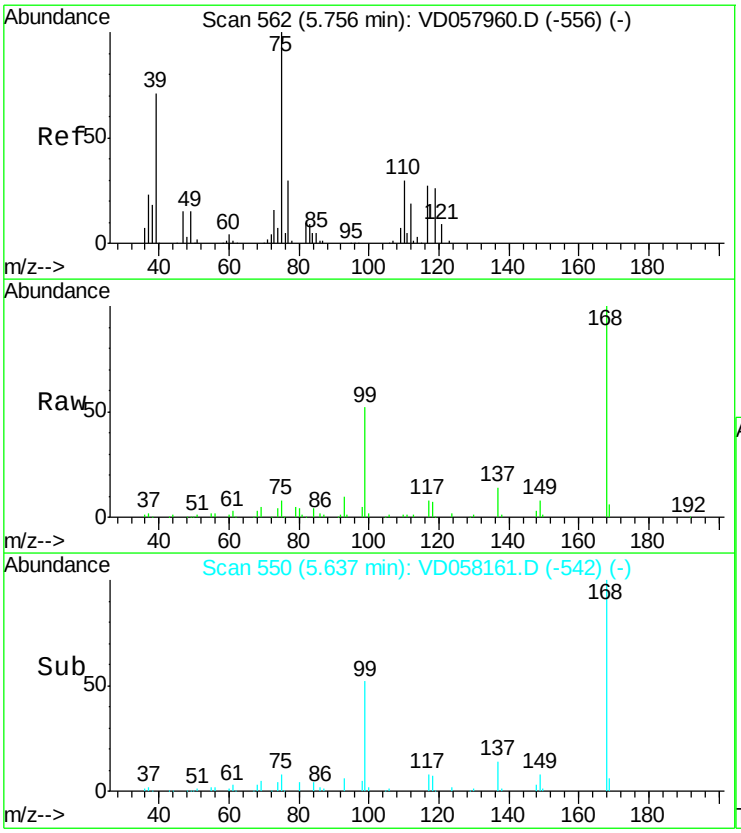
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 431949

Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.5	122.3
192	20.9	16.4	24.6

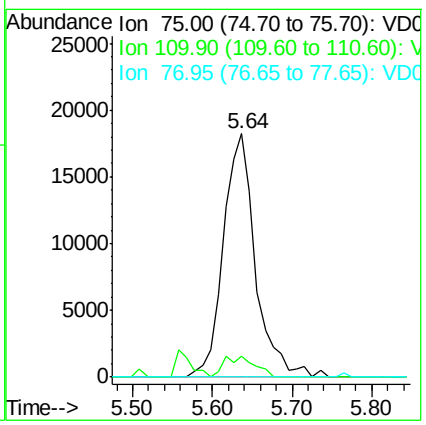


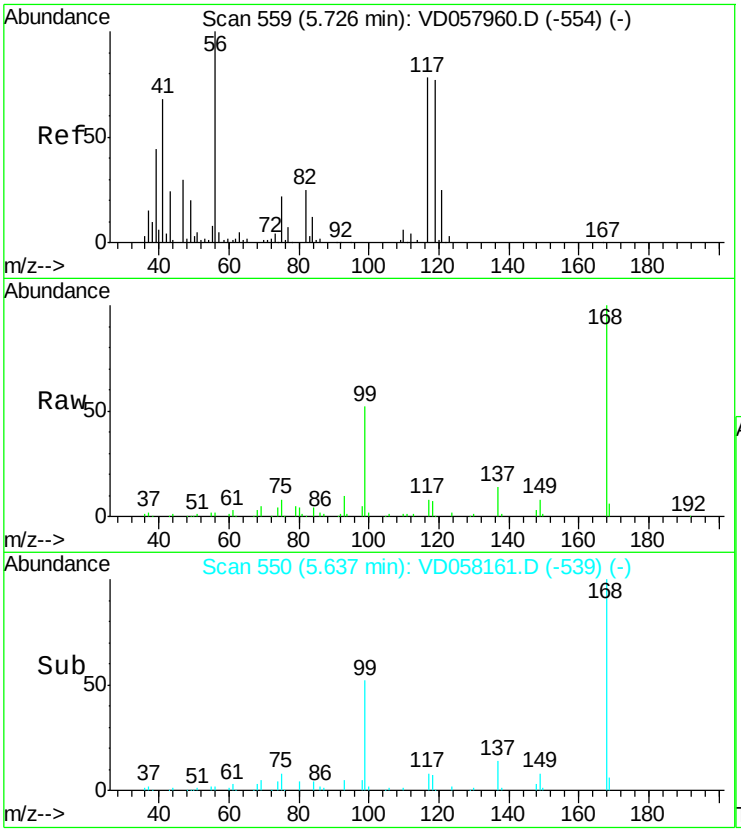


#36
1,1-Dichloropropene
Concen: 5.800 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.12 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 75 Resp: 51378

Ion	Ratio	Lower	Upper
75	100		
110	8.4	14.8	44.3#
77	0.0	23.9	35.9#



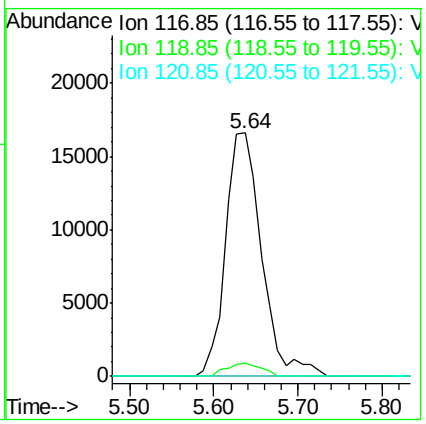


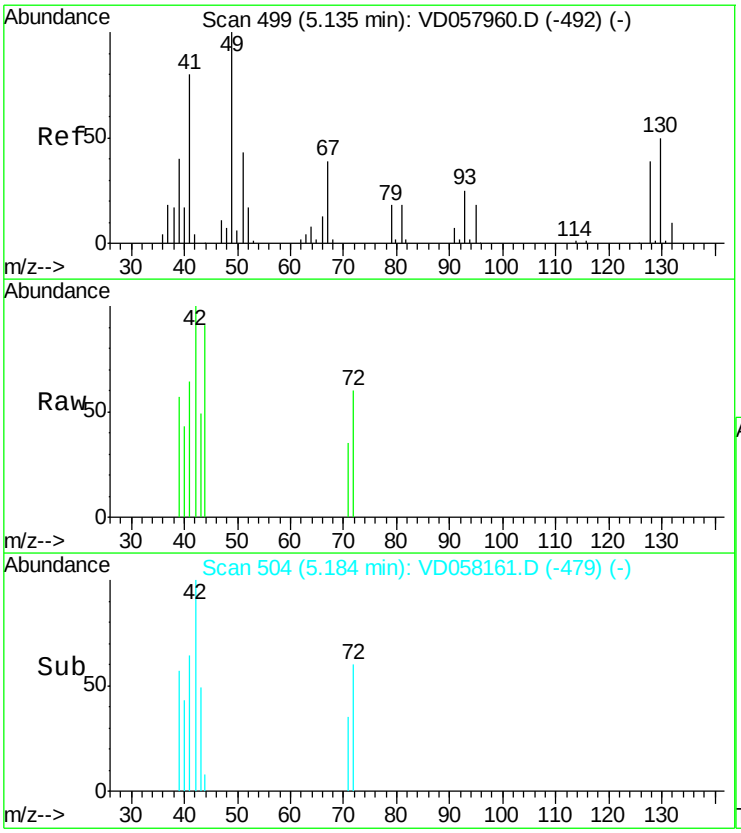
#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.09 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 49473

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	24.9	37.3#

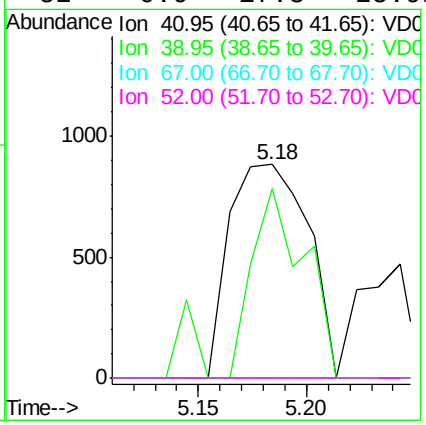


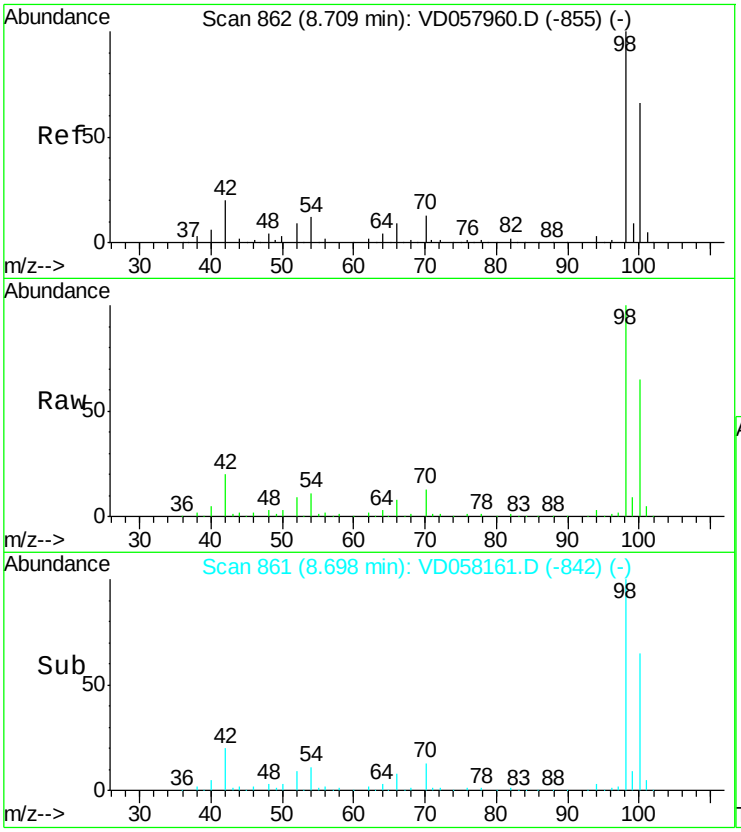


#41
Methacrylonitrile
Concen: 1.014 ug/l
RT: 5.18 min Scan# 504
Delta R.T. 0.05 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 41 Resp: 2241

Ion	Ratio	Lower	Upper
41	100		
39	88.9	40.7	61.1#
67	0.0	38.8	58.2#
52	0.0	17.3	25.9#



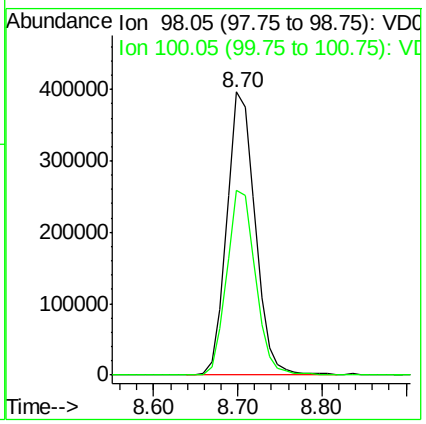


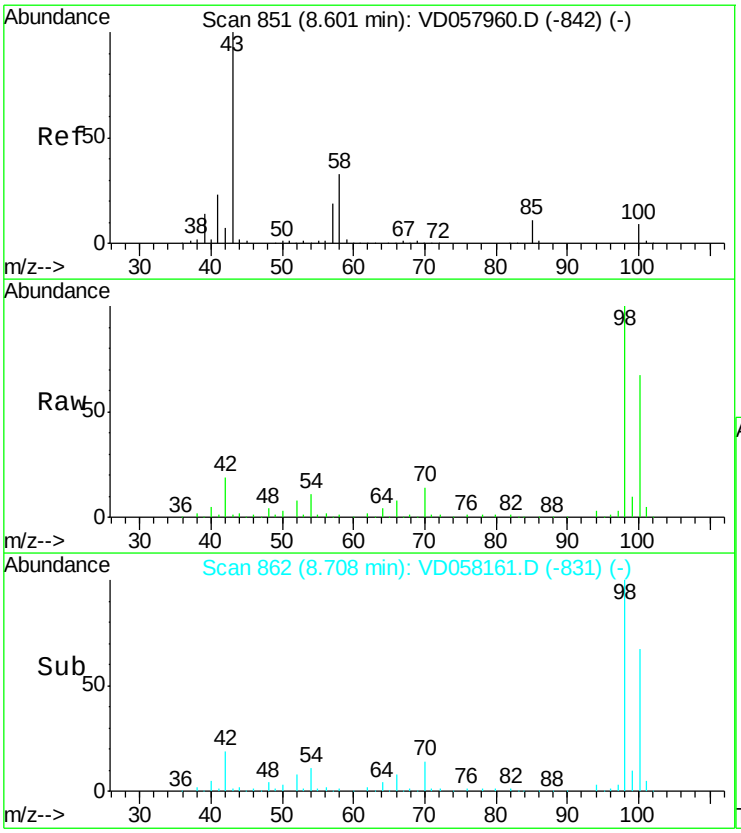
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 926854

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.4	80.0

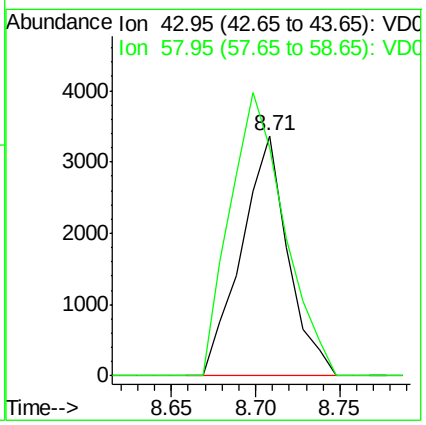


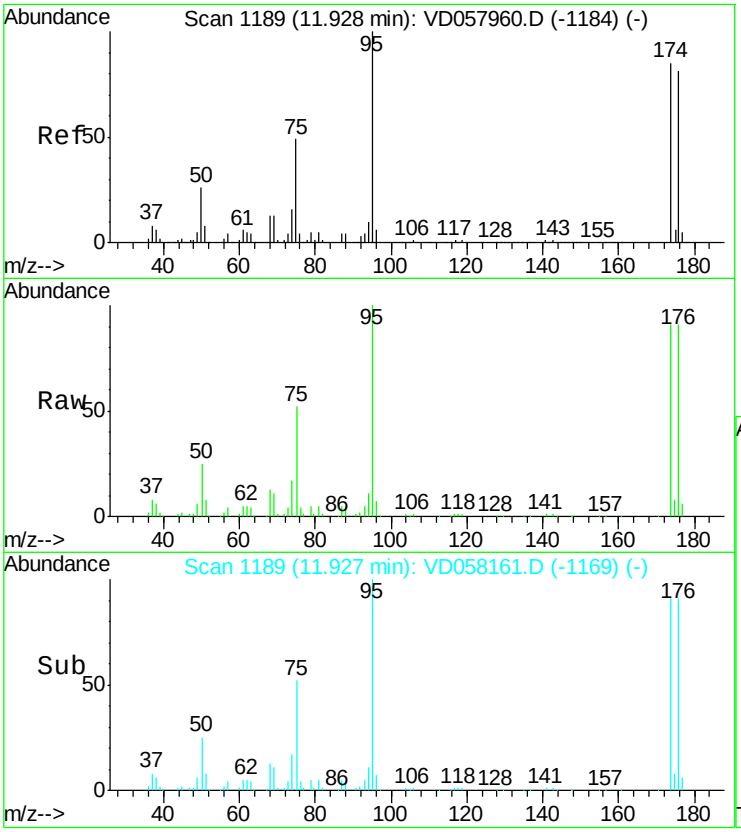


#51
4-Methyl-2-Pentanone
Concen: 1.595 ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.11 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 43 Resp: 6475

Ion	Ratio	Lower	Upper
43	100		
58	95.2	26.2	39.4#



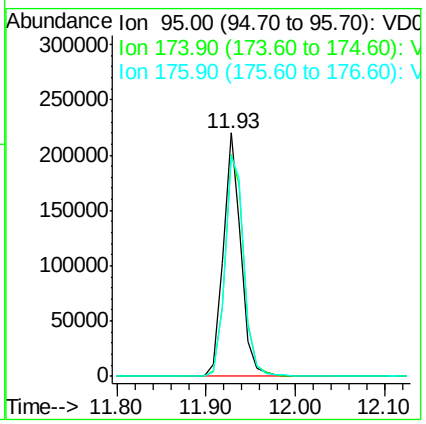


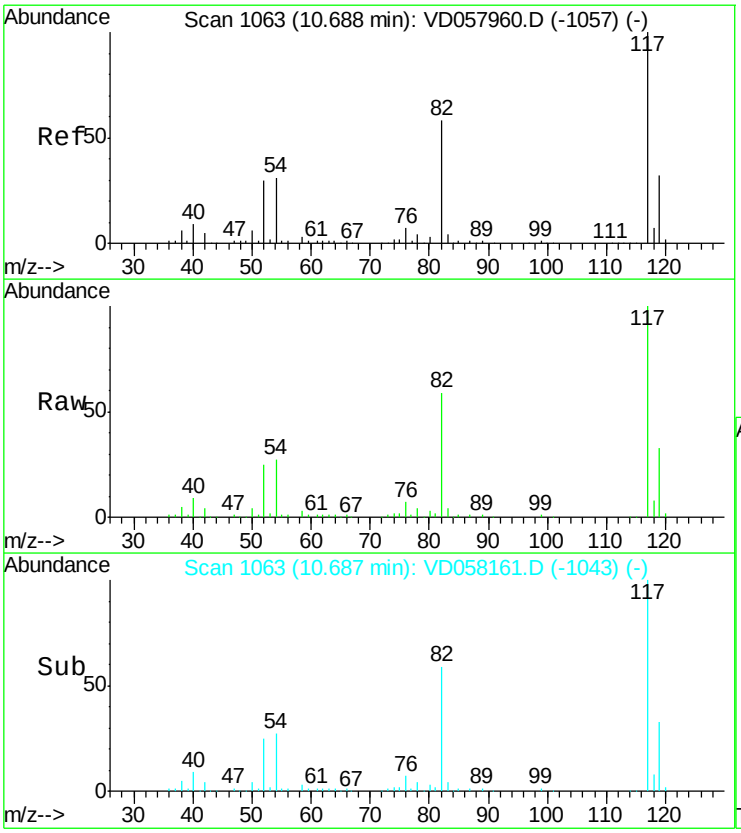
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 307698

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	169.4
176	90.5	0.0	162.6

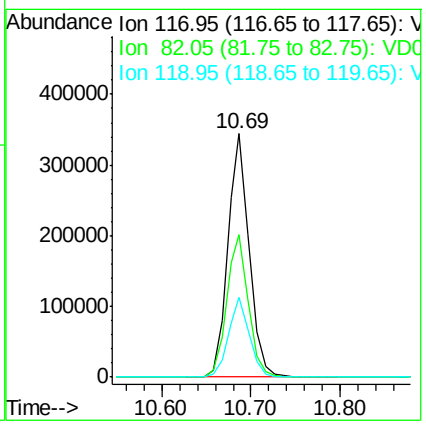


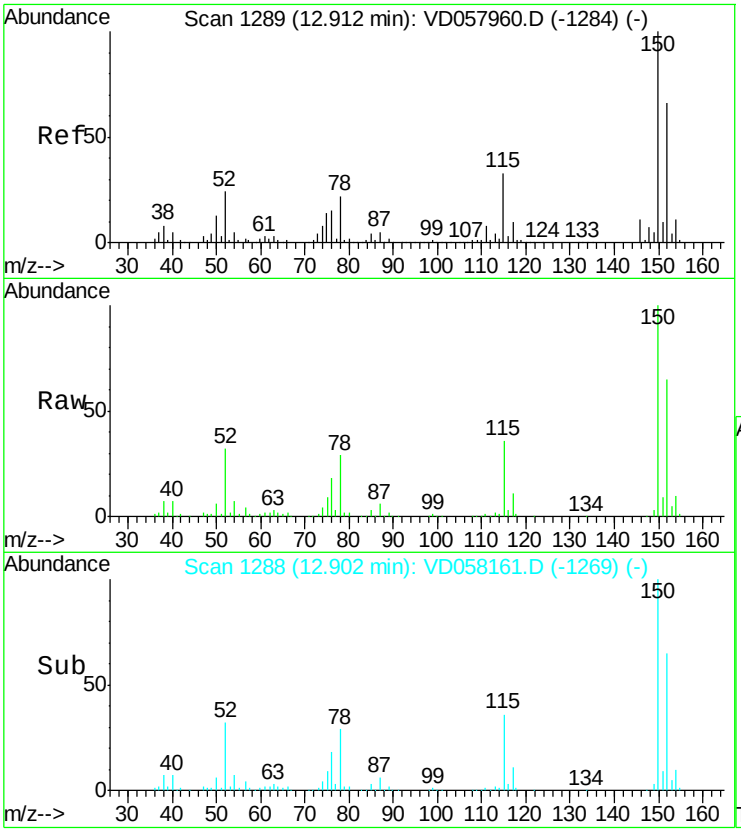


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion:117 Resp: 581262

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.8	70.2
119	32.9	25.8	38.6



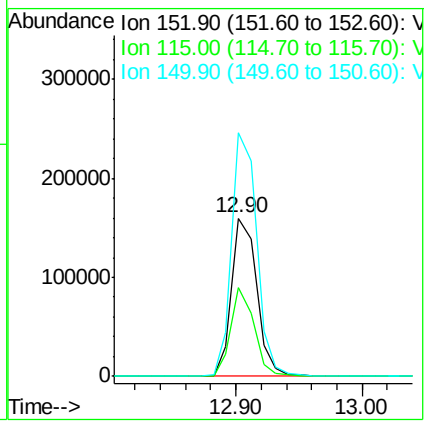


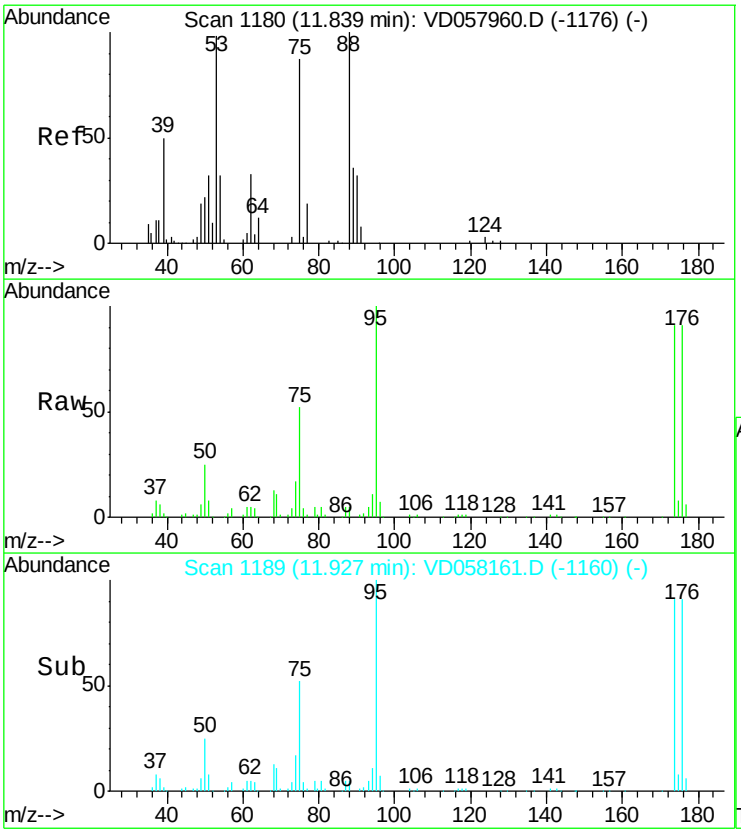
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 221379

Ion	Ratio	Lower	Upper
152	100		
115	55.7	25.6	76.6
150	153.7	0.0	306.8

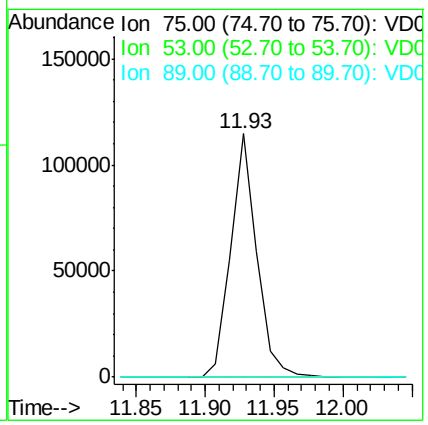


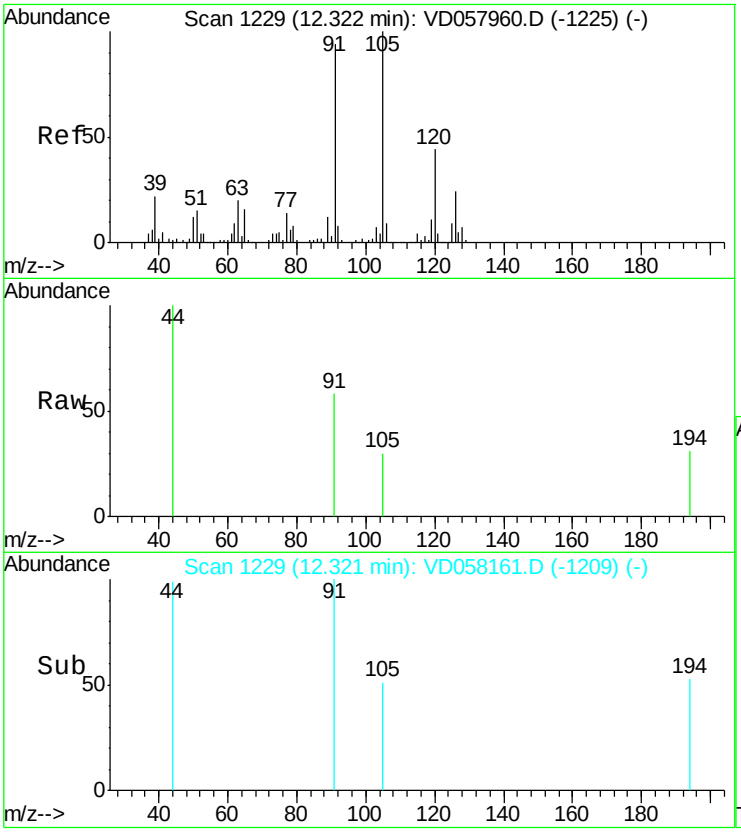


#81
trans-1,4-Dichloro-2-butene
Concen: 182.151 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 75 Resp: 150030

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#



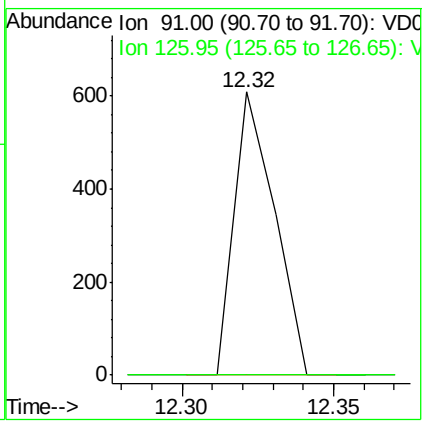


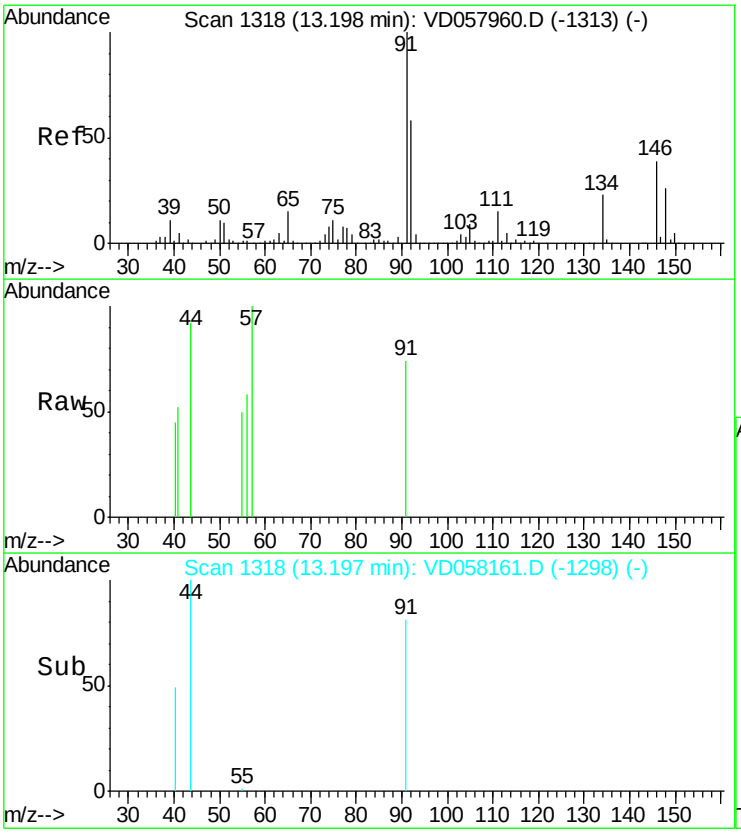
#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 562

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.5	37.5#





#89
n-Butylbenzene
Concen: Below Cal
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD058161.D
Acq: 15 Jun 2018 19:28

Tgt Ion: 91 Resp: 550

Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.2	87.6#
134	0.0	11.3	33.9#