Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
Data File : VD061911.D
Acq On : 19 Apr 2019 15:43
Operator : VA/AP
Sample : K2434-01
Misc : 6.09g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RO-288

Quant Time: Apr 19 16:13:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	477656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	772697	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	601986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	309813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	225241	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.52%			
35) Dibromofluoromethane	6.93	113	331258	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.48%			
50) Toluene-d8	10.41	98	748607	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.24%			
62) 4-Bromofluorobenzene	13.56	95	281459	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.40%			
Target Compounds						Qvalue
5) Bromomethane	2.16	94	994	Below Cal	#	12
10) Methyl Iodide	3.34	142	181	3.534	ug/l #	37
11) Tert butyl alcohol	4.01	59	1169	4.952	ug/l #	76
16) Acetone	3.22	43	5143	5.213	ug/l	93
20) Methylene Chloride	3.83	84	53117	6.874	ug/l	96
29) Tetrahydrofuran	6.47	42	969	1.771	ug/l #	30
31) Cyclohexane	7.05	56	8175	1.348	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	34114	5.403	ug/l #	46
38) Carbon Tetrachloride	7.06	117	45329	5.685	ug/l #	14
51) 4-Methyl-2-Pentanone	10.41	43	3662	1.575	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	110082	81.250	ug/l #	16

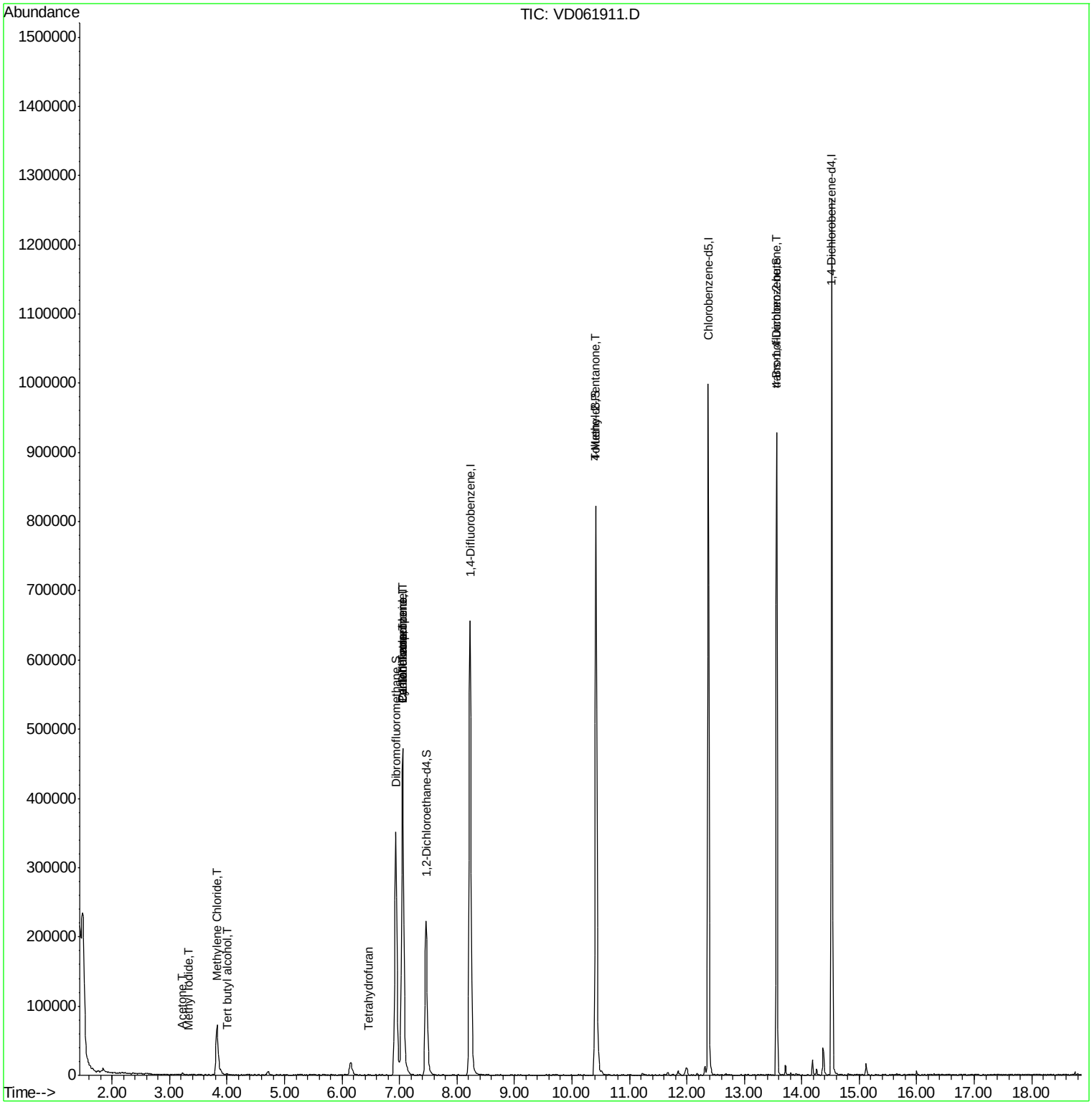
(#) = qualifier out of range (m) = manual integration (+) = signals summed

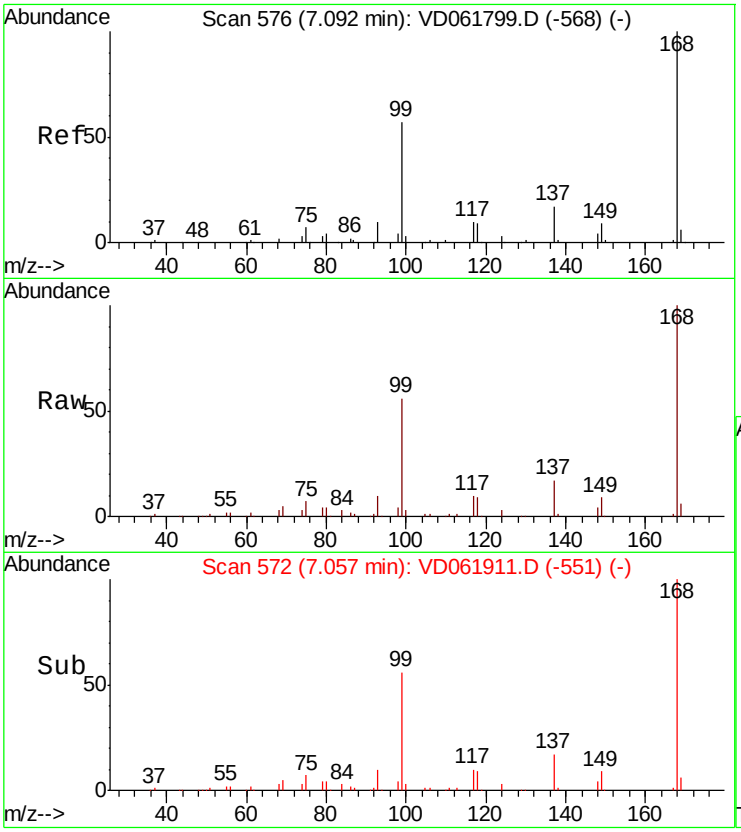
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
Data File : VD061911.D
Acq On : 19 Apr 2019 15:43
Operator : VA/AP
Sample : K2434-01
Misc : 6.09g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Quant Time: Apr 19 16:13:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration



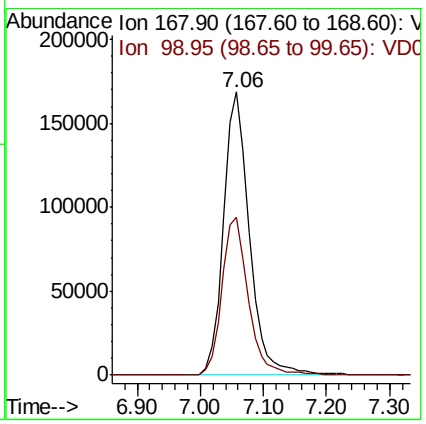


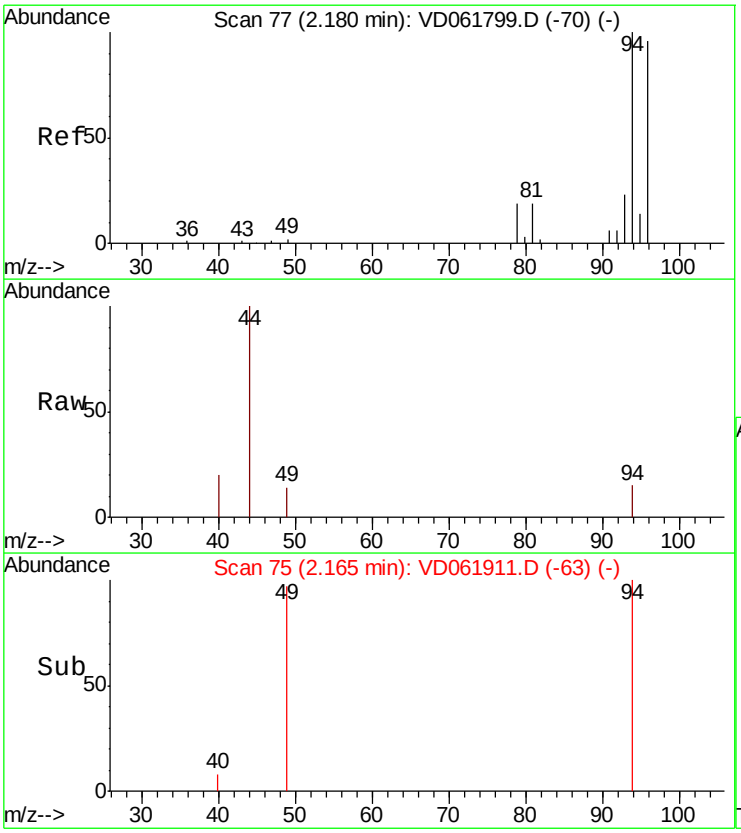
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Tgt Ion:168 Resp: 477656

Ion	Ratio	Lower	Upper
168	100		
99	56.0	46.5	69.7

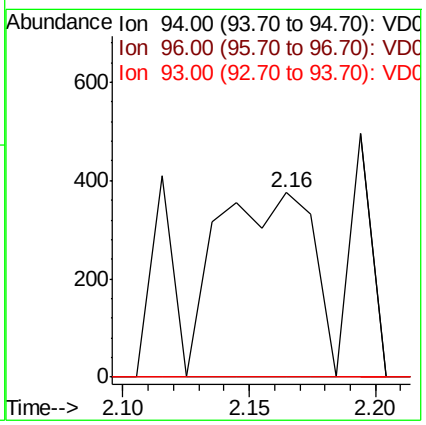


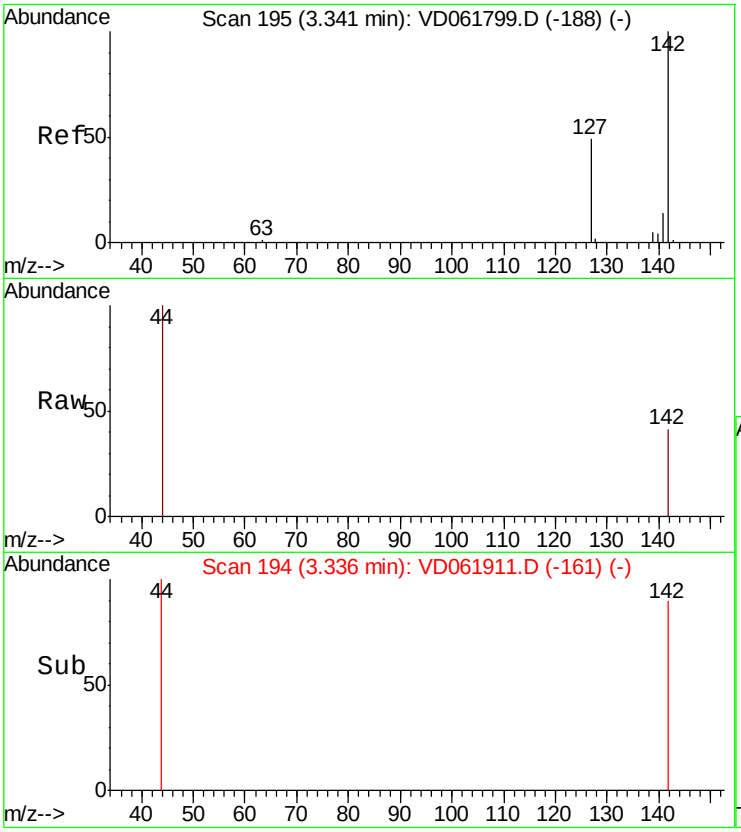


#5
Bromomethane
Concen: Below Cal
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 94 Resp: 994

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



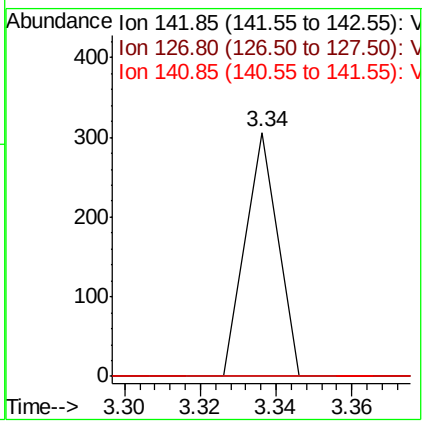


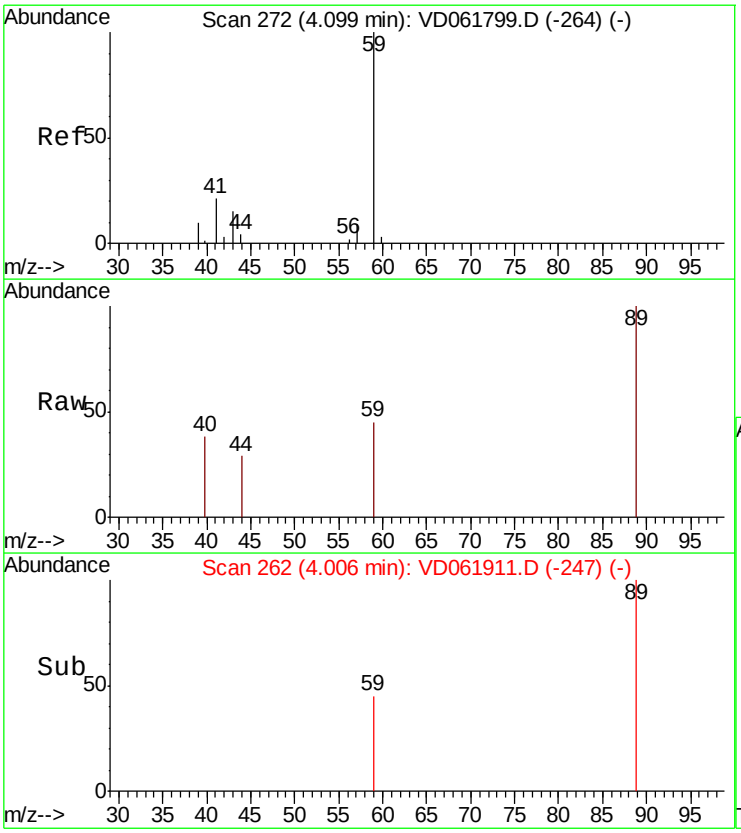
#10
Methyl Iodide
Concen: 3.534 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.03 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Tgt Ion:142 Resp: 181

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#

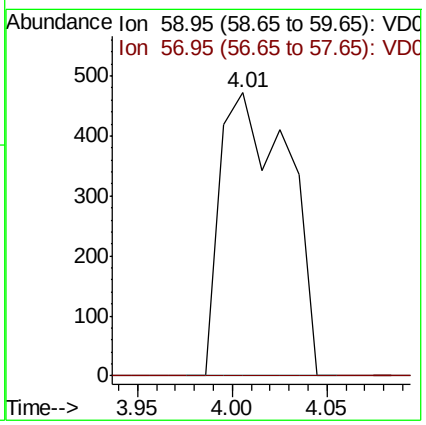


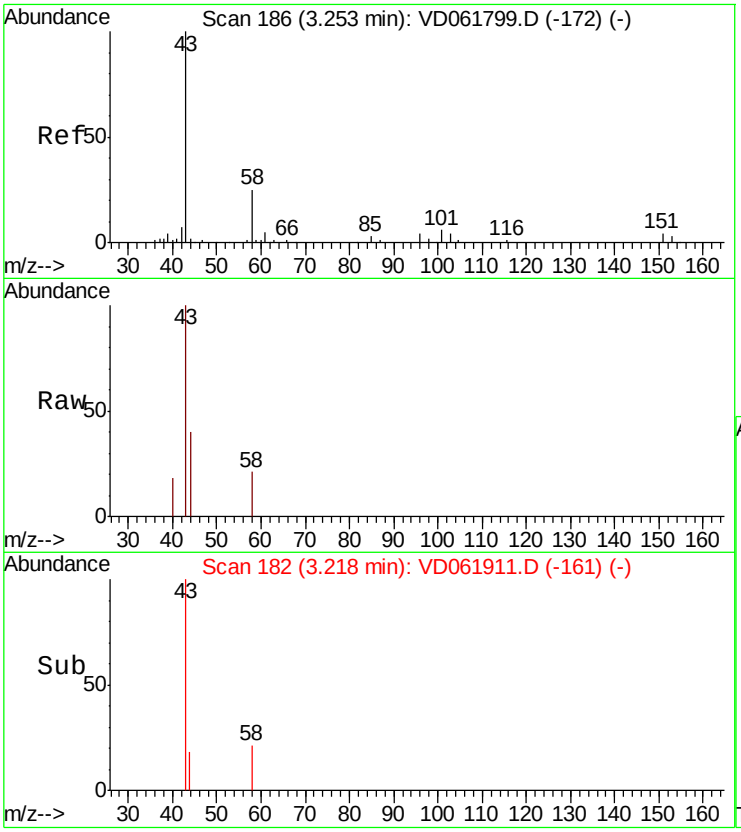


#11
Tert butyl alcohol
Concen: 4.952 ug/l
RT: 4.01 min Scan# 262
Delta R.T. -0.05 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 59 Resp: 1169

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#



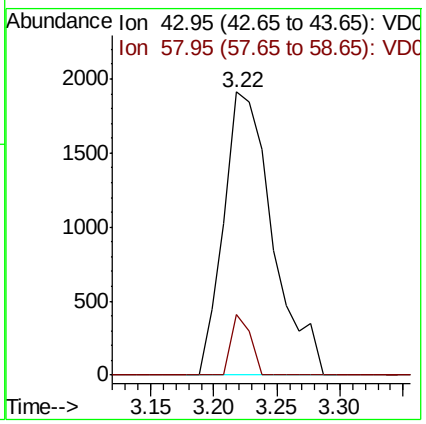


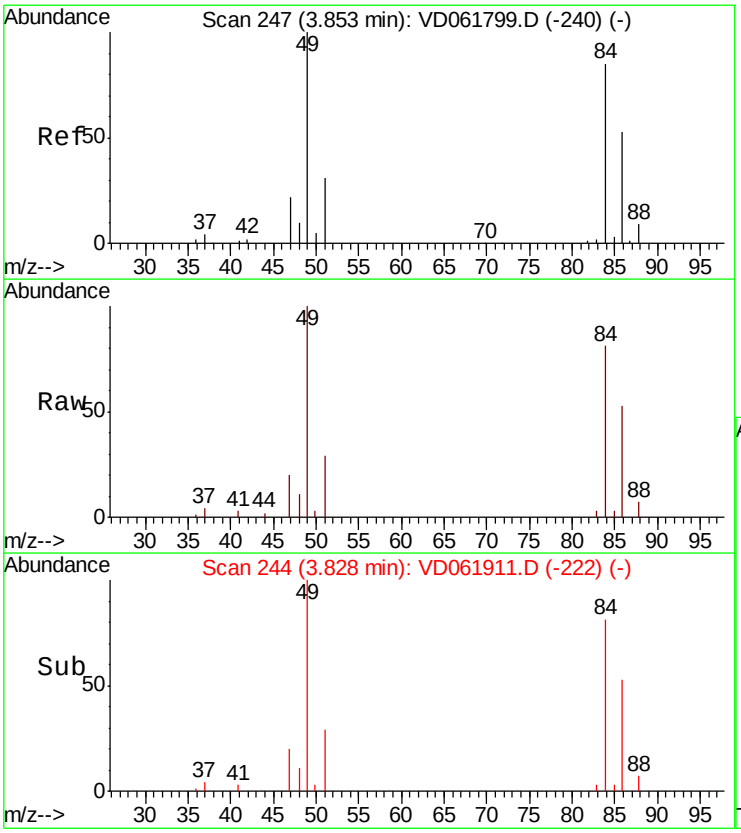
#16
Acetone
Concen: 5.213 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument : MSVOA_D
ClientSampleId : RO-288

Tgt Ion: 43 Resp: 5143

Ion	Ratio	Lower	Upper
43	100		
58	21.4	19.9	29.9

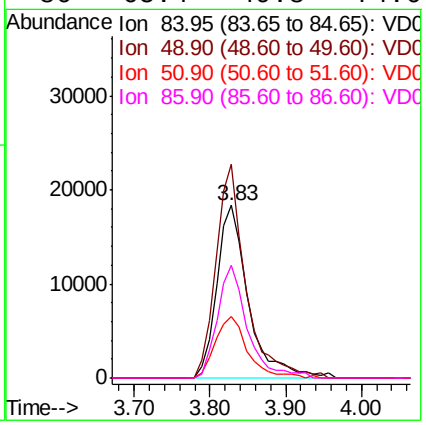


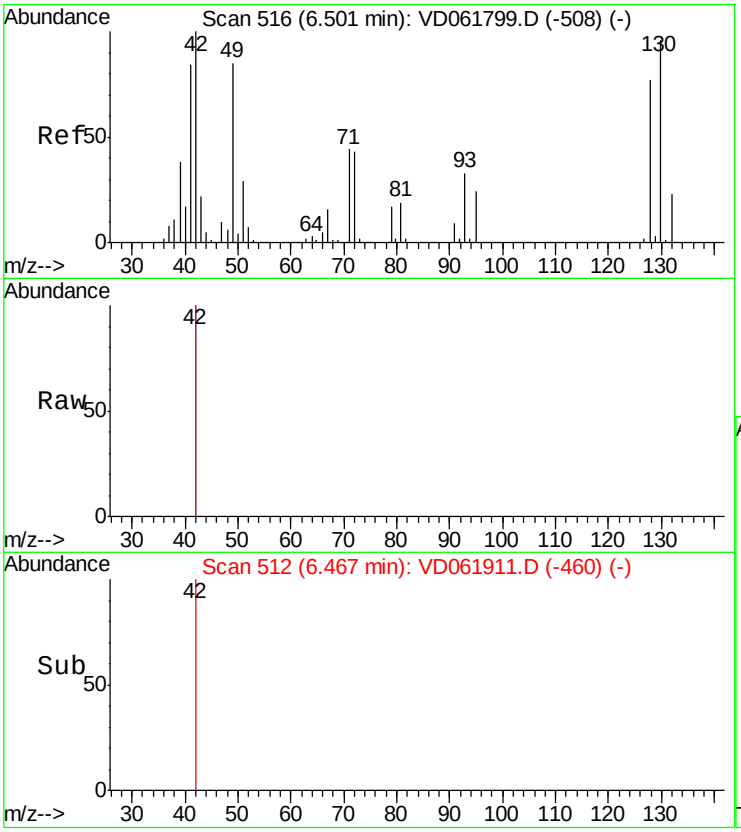


#20
Methylene Chloride
Concen: 6.874 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 84 Resp: 53117

Ion	Ratio	Lower	Upper
84	100		
49	123.8	94.0	141.0
51	36.0	29.0	43.4
86	65.4	49.8	74.6



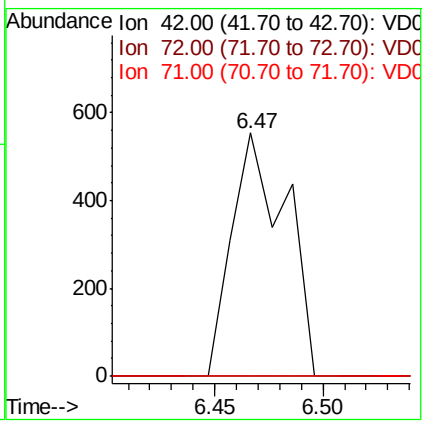


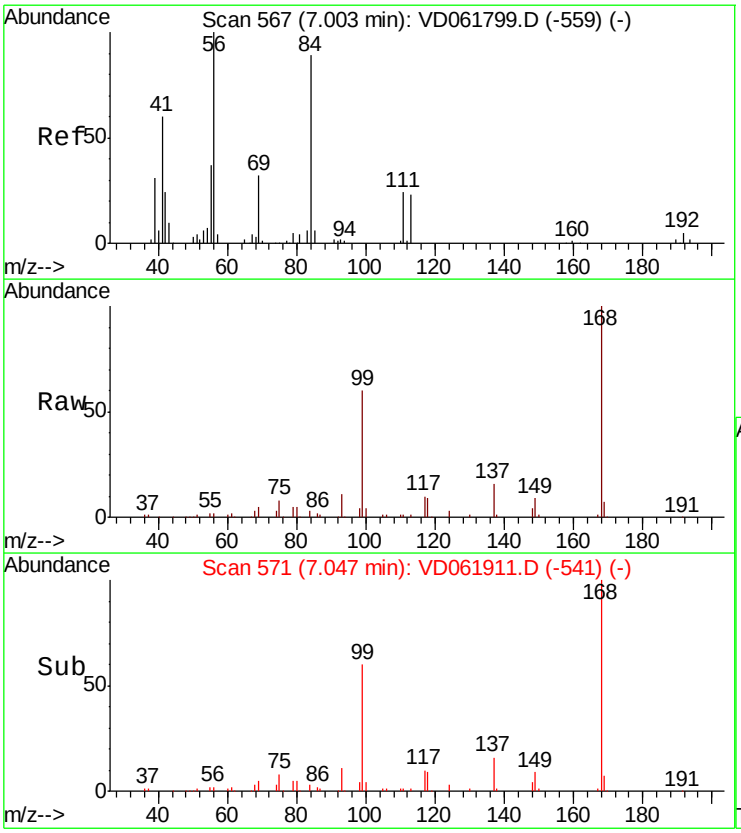
#29
Tetrahydrofuran
Concen: 1.771 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.02 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Tgt Ion: 42 Resp: 969

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	36.7	55.1#

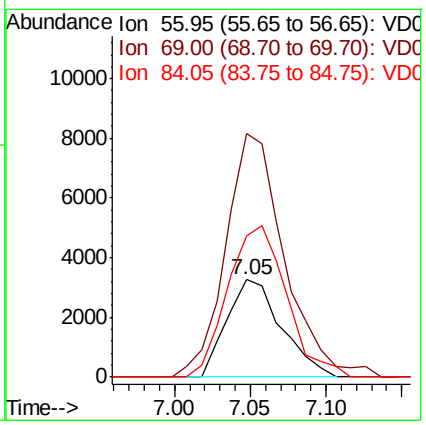


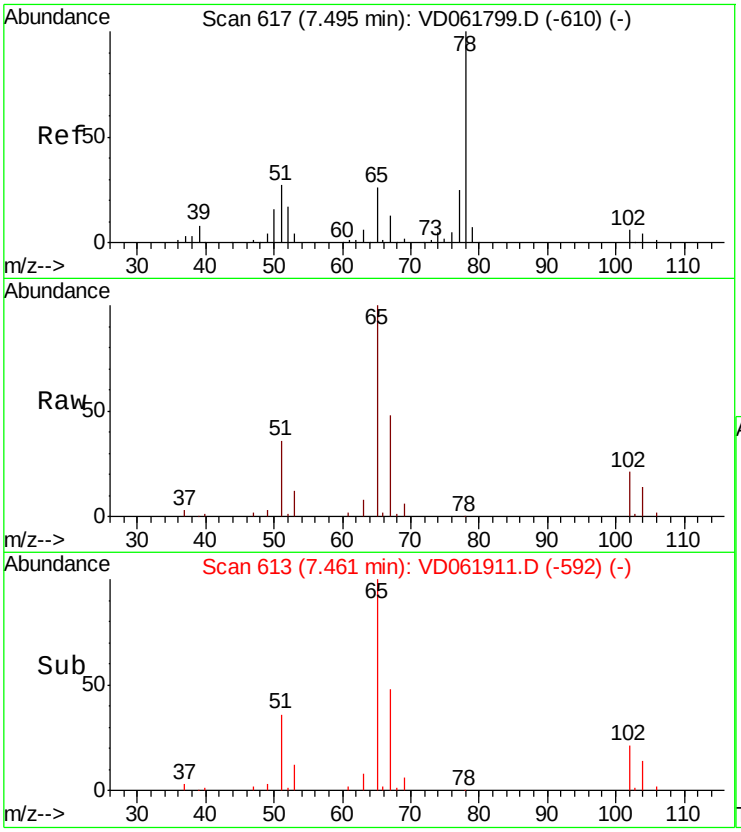


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 56 Resp: 8175

Ion	Ratio	Lower	Upper
56	100		
69	250.6	25.8	38.6#
84	145.2	72.2	108.4#



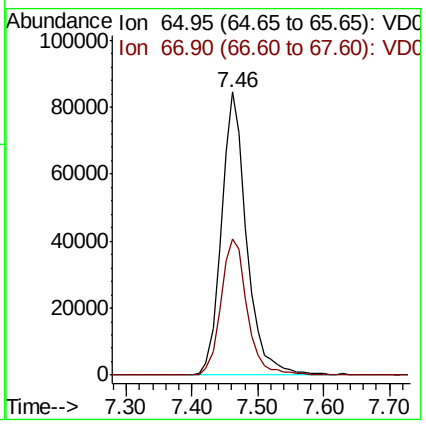


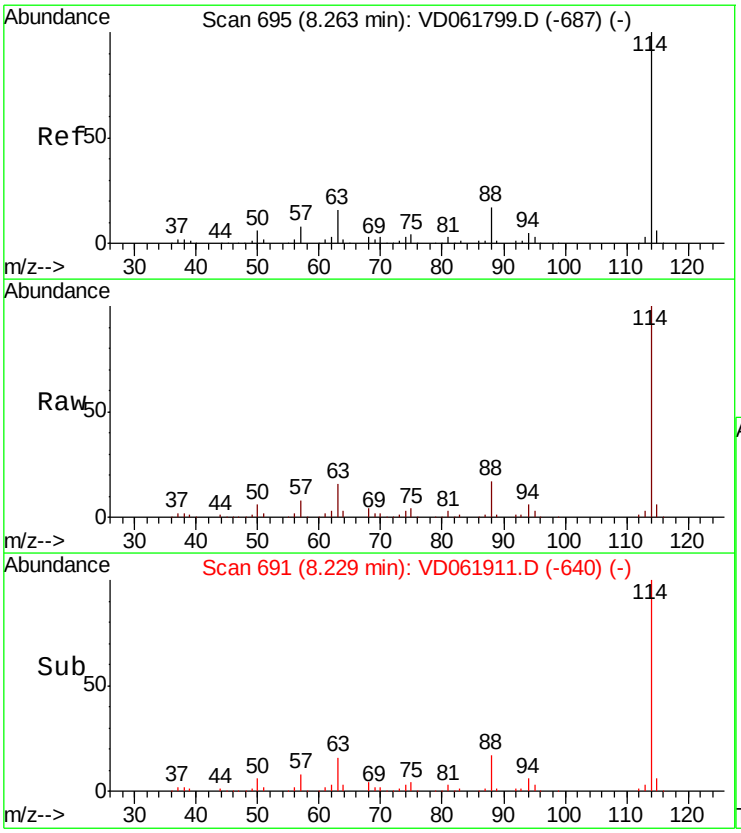
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument : MSVOA_D
ClientSampleId : RO-288

Tgt Ion: 65 Resp: 225241

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	98.0

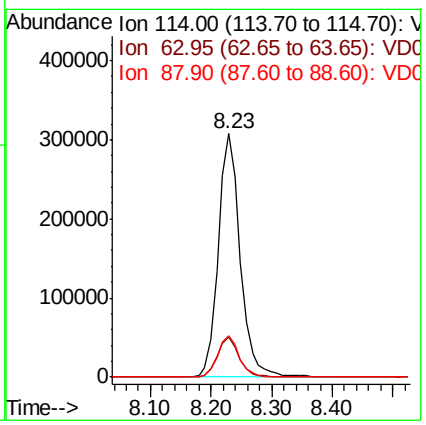


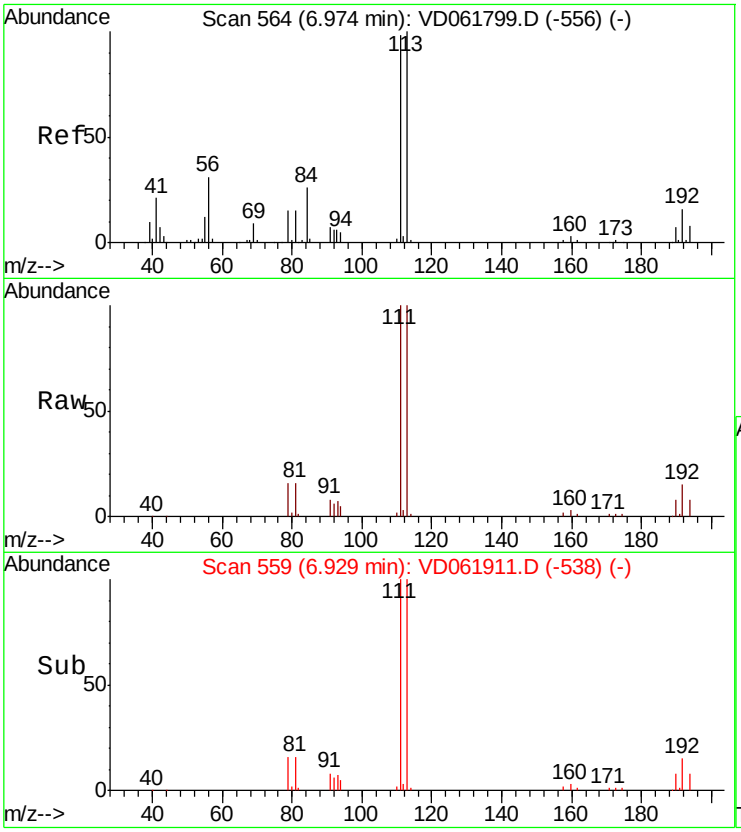


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion:114 Resp: 772697

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	32.4
88	17.2	0.0	33.6



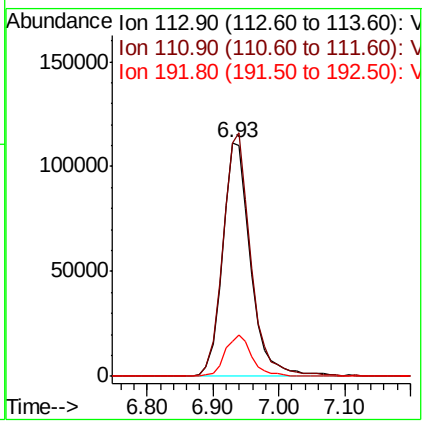


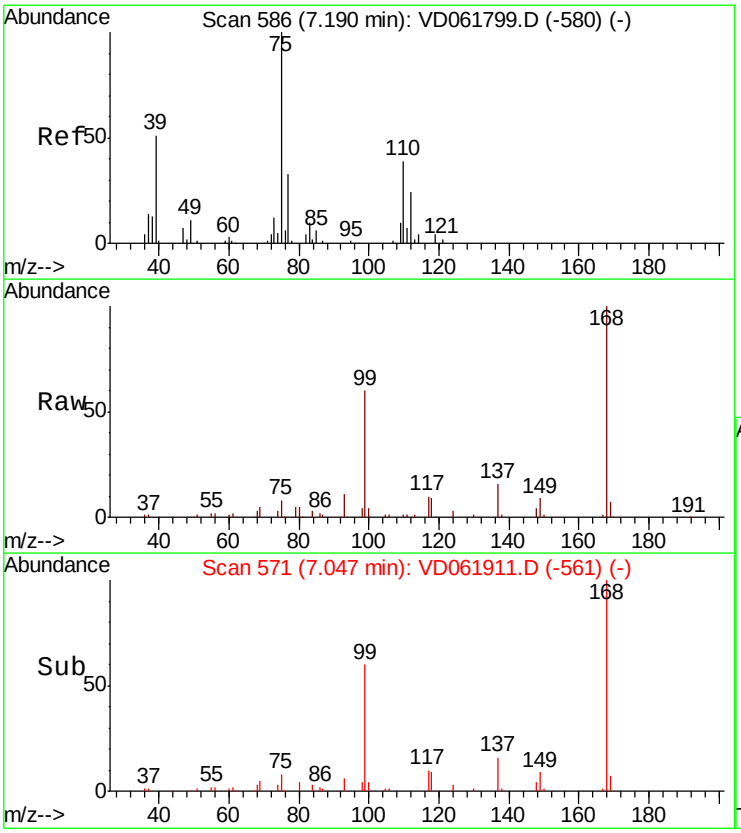
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Tgt Ion:113 Resp: 331258

Ion	Ratio	Lower	Upper
113	100		
111	99.6	78.5	117.7
192	14.7	13.0	19.4

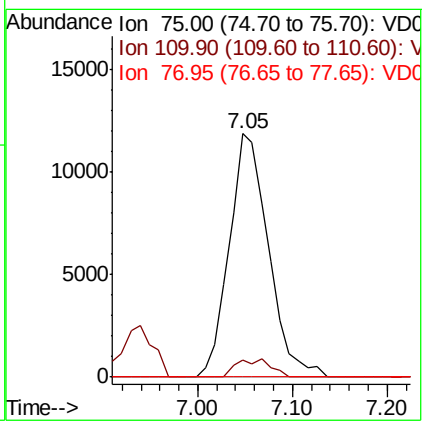


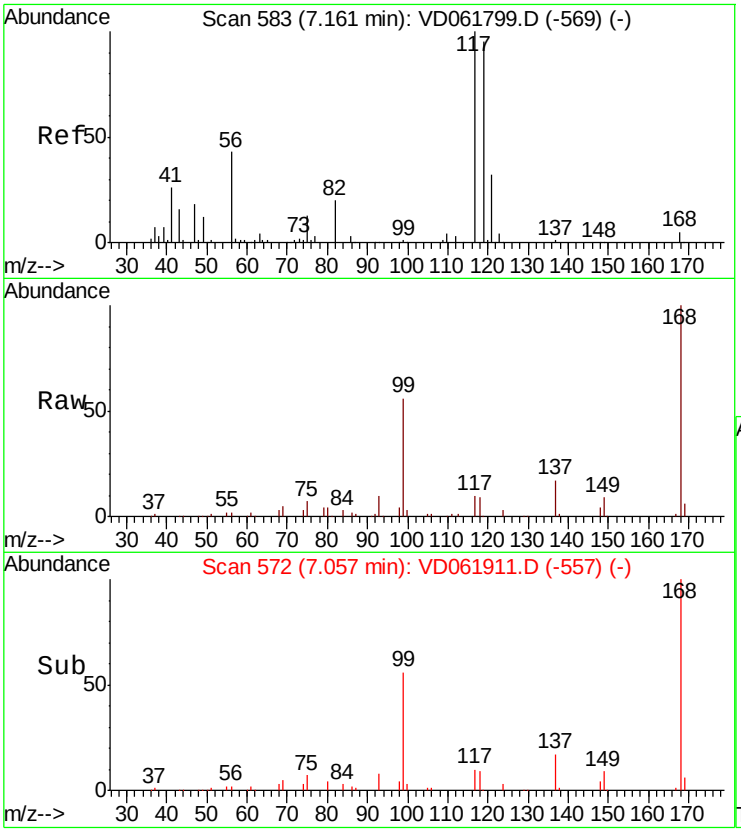


#36
1,1-Dichloropropene
Concen: 5.403 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 75 Resp: 34114

Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.1	57.1#
77	0.0	25.6	38.4#



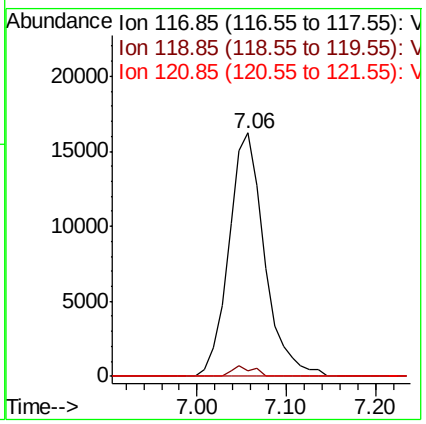


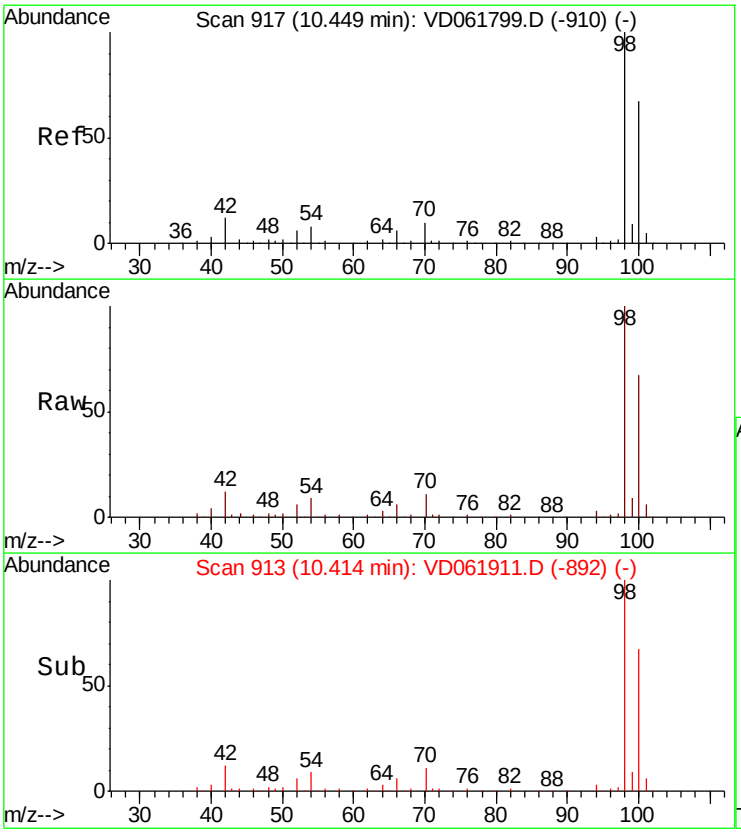
#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Tgt Ion:117 Resp: 45329

Ion	Ratio	Lower	Upper
117	100		
119	2.4	75.8	113.8#
121	0.0	25.9	38.9#

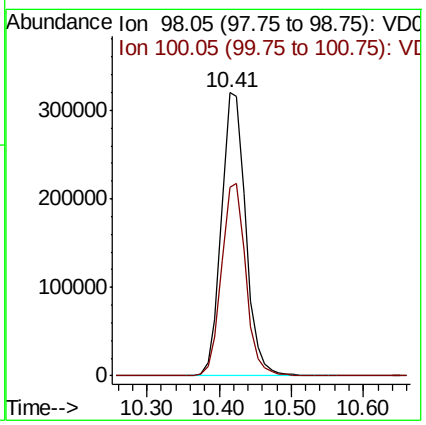


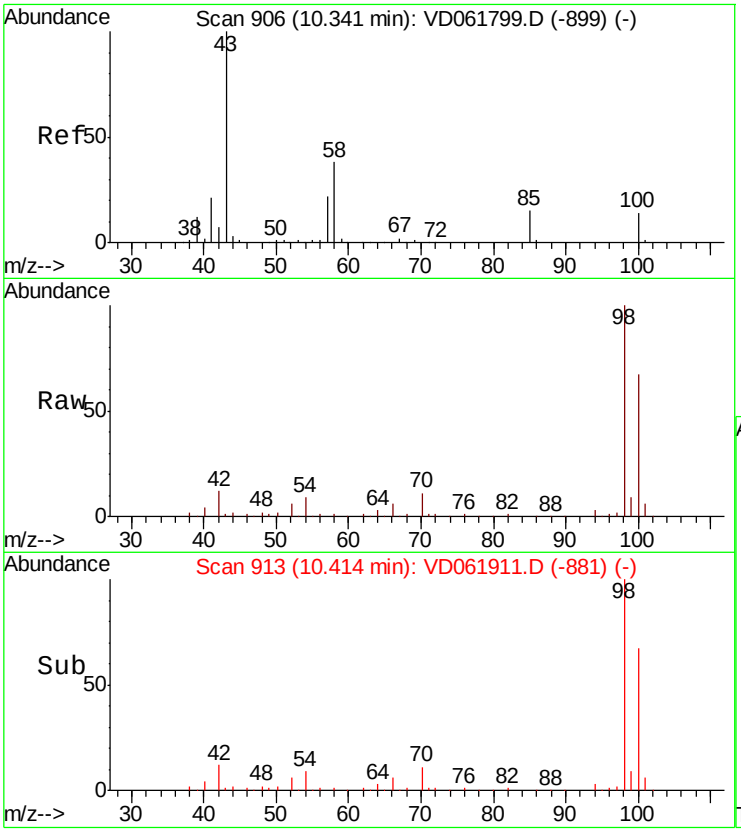


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 98 Resp: 748607

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.8



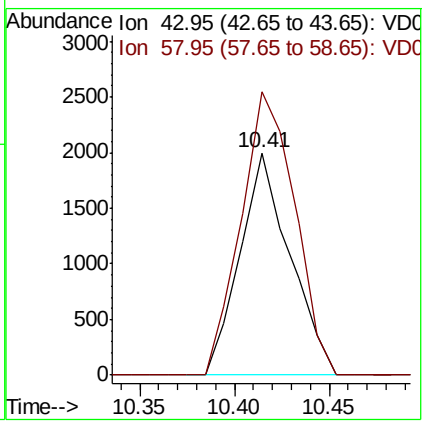


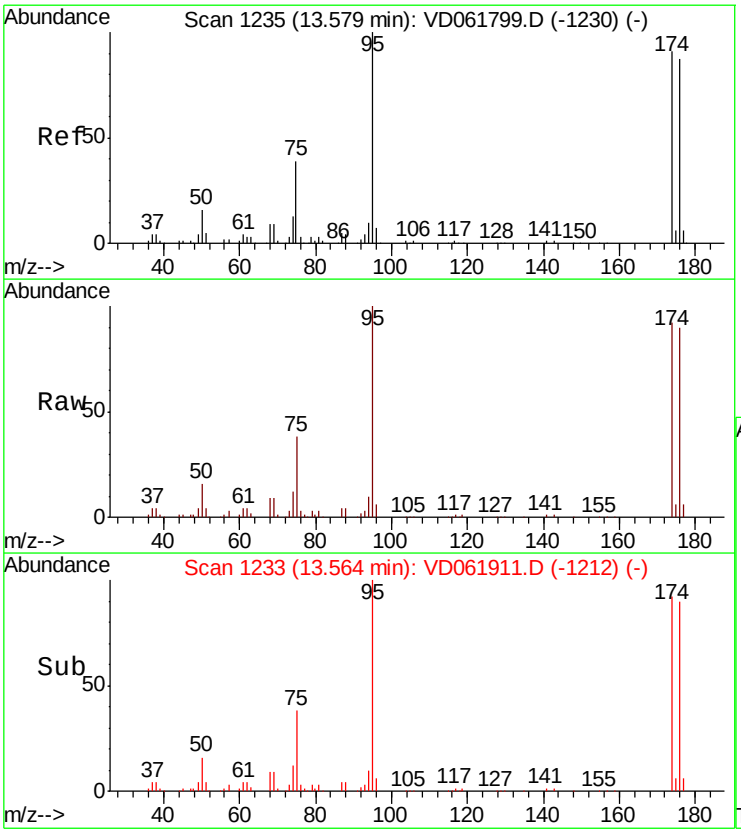
#51
4-Methyl-2-Pentanone
Concen: 1.575 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.11 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument : MSVOA_D
ClientSampleId : RO-288

Tgt Ion: 43 Resp: 3662

Ion	Ratio	Lower	Upper
43	100		
58	127.5	30.4	45.6#

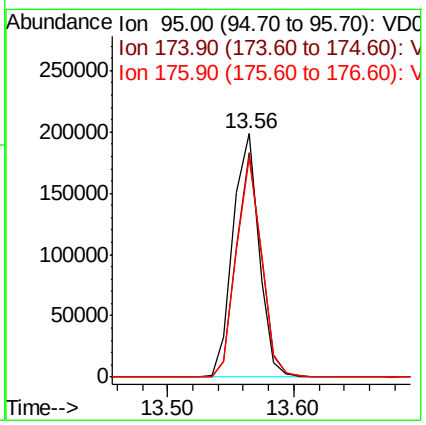


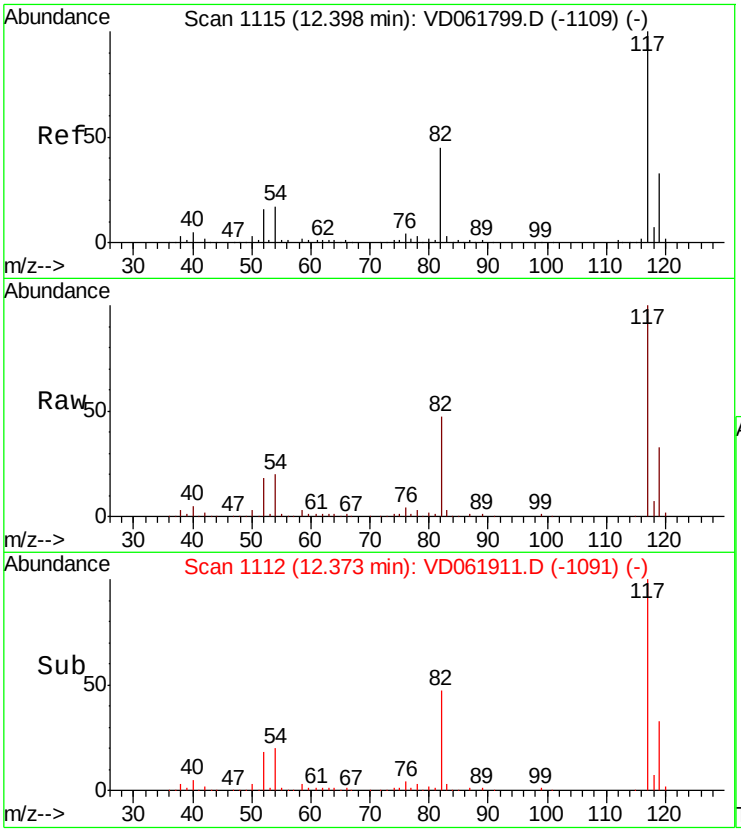


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion: 95 Resp: 281459

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	181.8
176	90.1	0.0	174.4



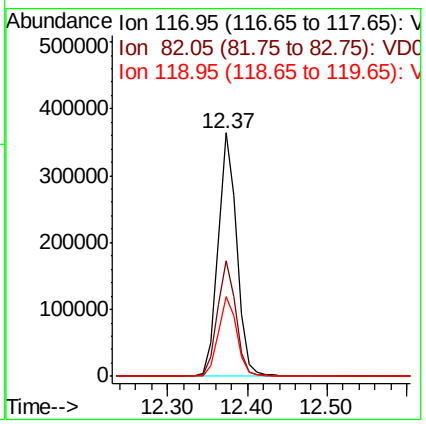


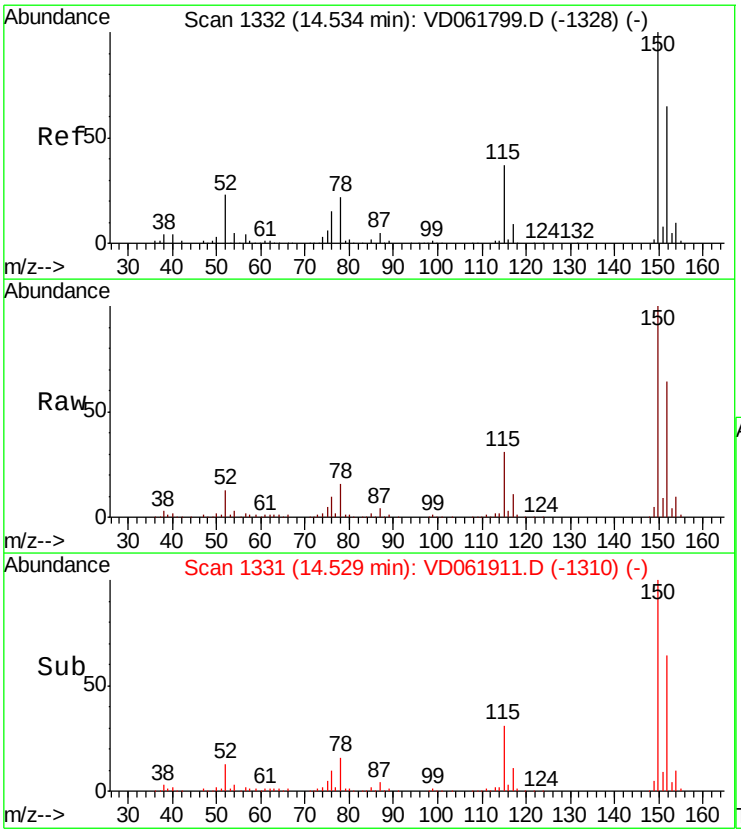
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument : MSVOA_D
ClientSampleId : RO-288

Tgt Ion:117 Resp: 601986

Ion	Ratio	Lower	Upper
117	100		
82	47.5	36.2	54.2
119	32.6	26.2	39.4

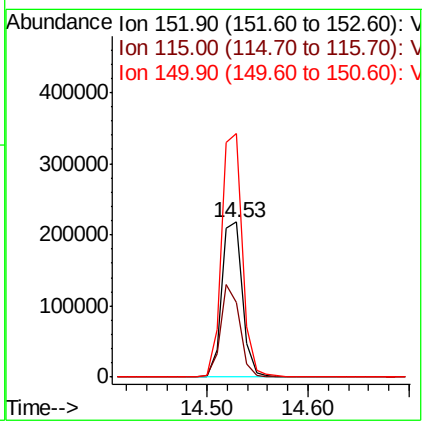


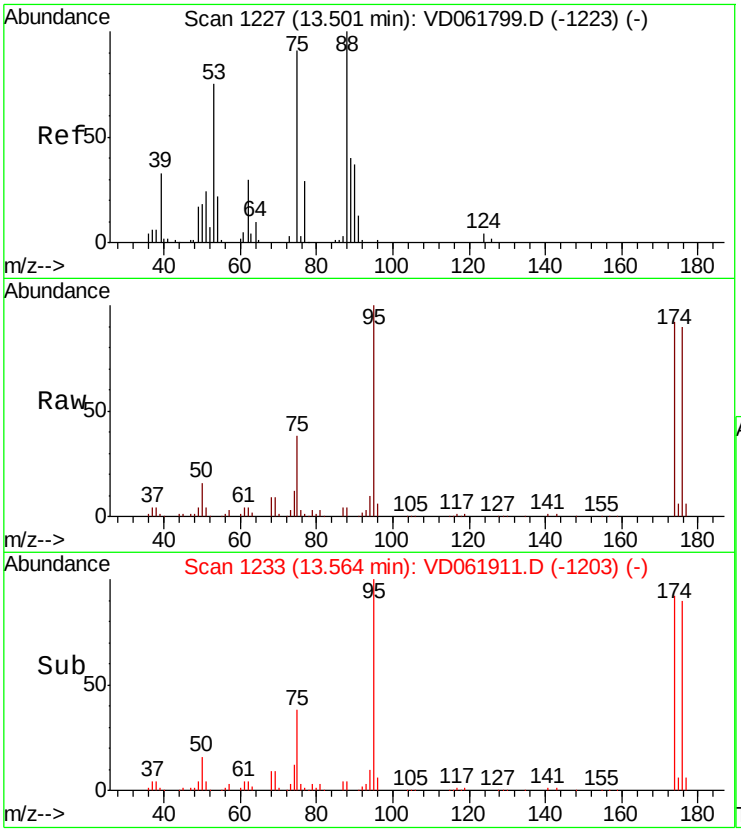


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Tgt Ion:152 Resp: 309813

Ion	Ratio	Lower	Upper
152	100		
115	48.2	30.9	92.7
150	157.4	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 81.250 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD061911.D
Acq: 19 Apr 2019 15:43

Instrument :
MSVOA_D
ClientSampleId :
RO-288

Tgt Ion: 75 Resp: 110082

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#