Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
Data File : VD060157.D
Acq On : 9 Oct 2018 18:07
Operator : VA/AP
Sample : J5326-01
Misc : 6.53g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Quant Time: Oct 10 01:16:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	20068	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	32579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.26	117	30962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	16539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	18598	122.26	ug/l	-0.01
Spiked Amount 50.000			Recovery = 244.52%			
35) Dibromofluoromethane	6.29	113	16724	67.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 135.20%			
50) Toluene-d8	9.43	98	45887	65.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 130.10%			
62) 4-Bromofluorobenzene	12.42	95	18973	71.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 143.66%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	1466	8.612	ug/l #	43
5) Bromomethane	2.15	94	2736	156.418	ug/l	93
10) Methyl Iodide	3.22	142	1200	10.890	ug/l #	34
13) Acrolein	2.89	56	189	28.103	ug/l #	14
14) Allyl chloride	3.49	41	241	1.417	ug/l #	40
16) Acetone	3.13	43	5870	212.662	ug/l	96
18) Methyl Acetate	3.53	43	1000	16.856	ug/l #	63
20) Methylene Chloride	3.68	84	1452	2.607	ug/l #	70
25) 2-Butanone	5.60	43	984	14.270	ug/l #	59
36) 1,1-Dichloropropene	6.36	75	1358	4.362	ug/l #	40
37) Ethyl Acetate	5.60	43	984	4.762	ug/l #	71
38) Carbon Tetrachloride	6.37	117	939	3.323	ug/l #	11
51) 4-Methyl-2-Pentanone	9.37	43	338	1.971	ug/l #	41
59) 2-Hexanone	10.46	43	381	3.090	ug/l #	30
81) trans-1,4-Dichloro-2-buten	12.42	75	8236	123.061	ug/l #	13
95) Naphthalene	14.95	128	713	1.220	ug/l #	70

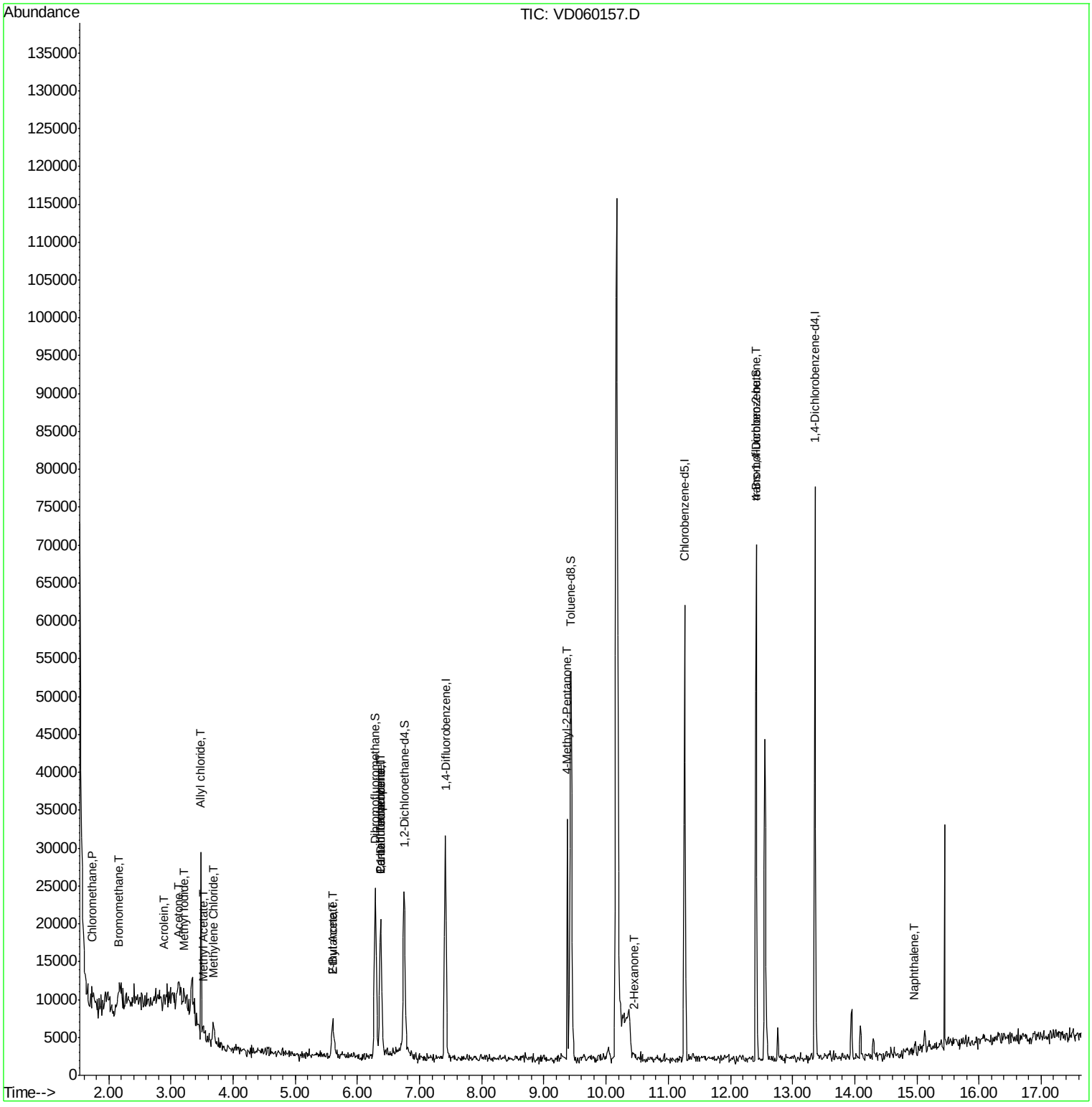
(#) = qualifier out of range (m) = manual integration (+) = signals summed

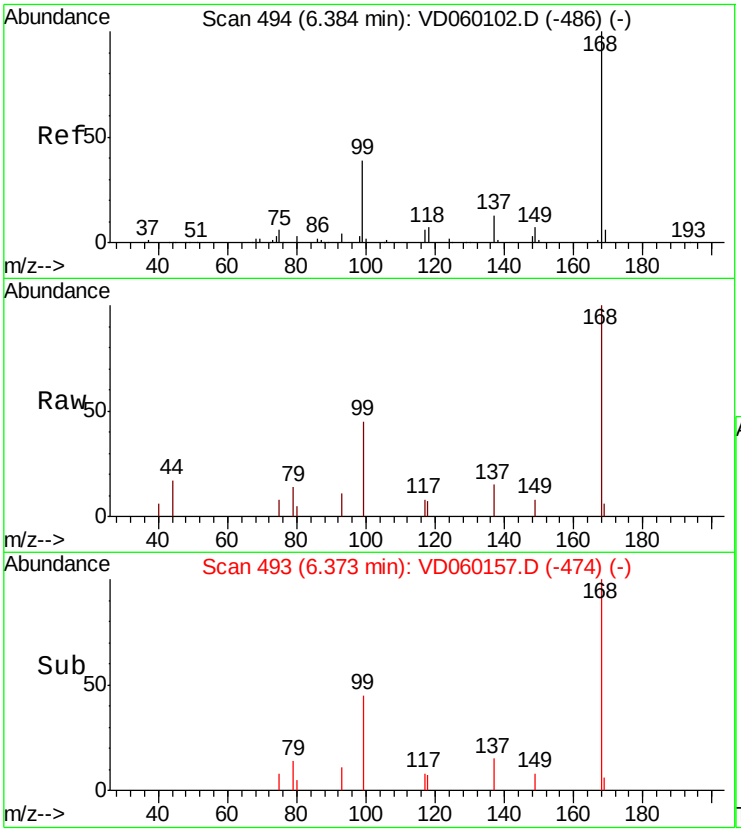
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100918\
Data File : VD060157.D
Acq On : 9 Oct 2018 18:07
Operator : VA/AP
Sample : J5326-01
Misc : 6.53g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Quant Time: Oct 10 01:16:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration



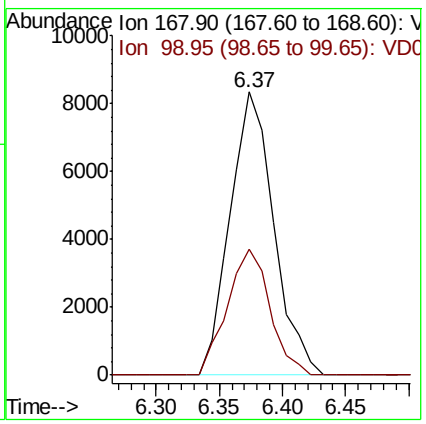


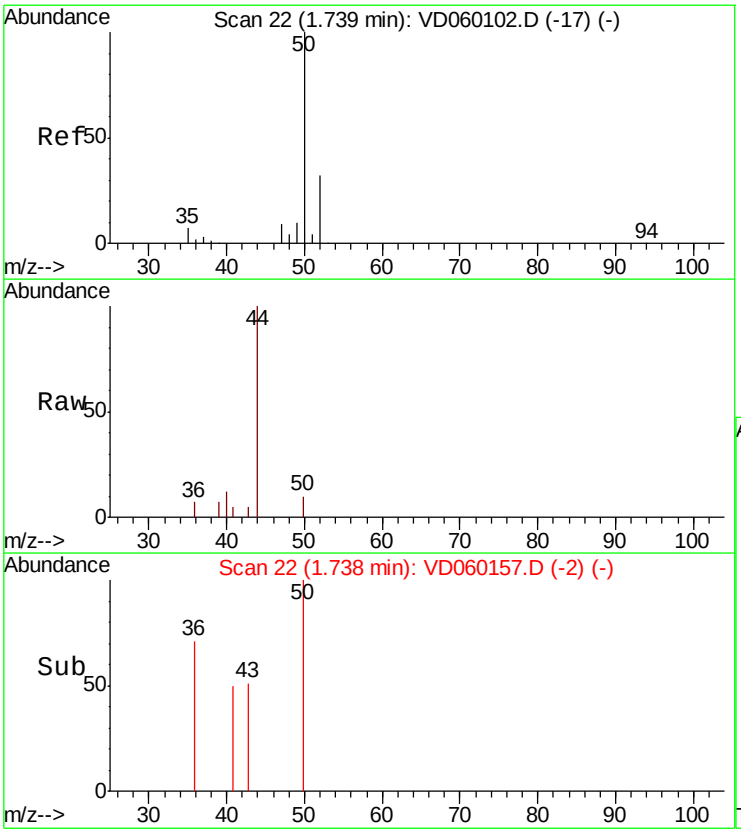
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion:168 Resp: 20068

Ion	Ratio	Lower	Upper
168	100		
99	44.6	35.4	53.0

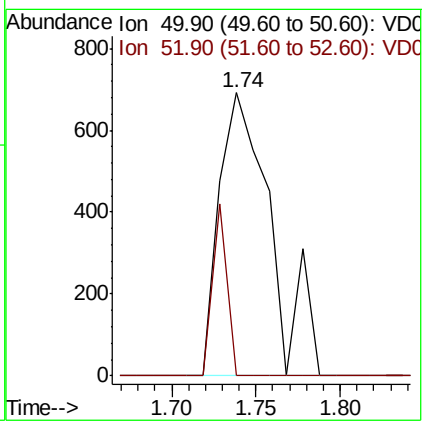


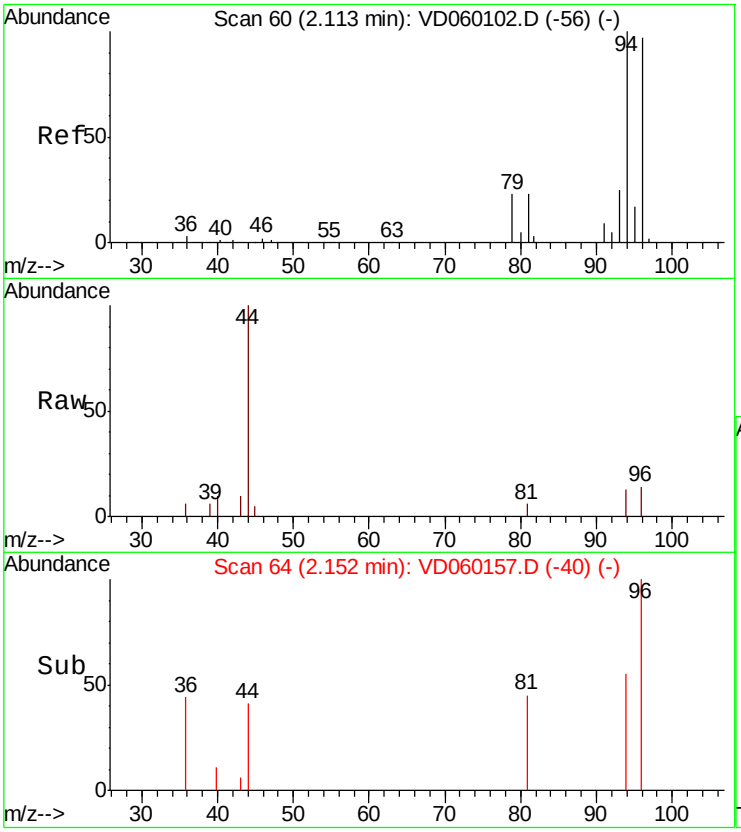


#3
Chloromethane
Concen: 8.612 ug/l
RT: 1.74 min Scan# 22
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 50 Resp: 1466

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.3	37.9#



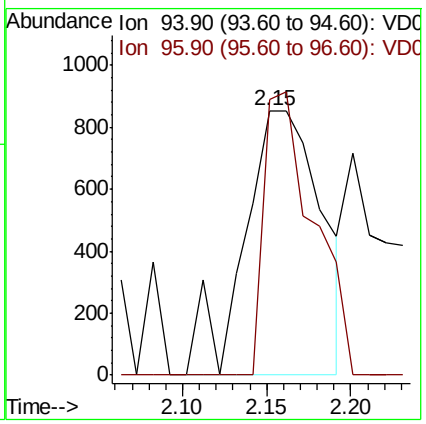


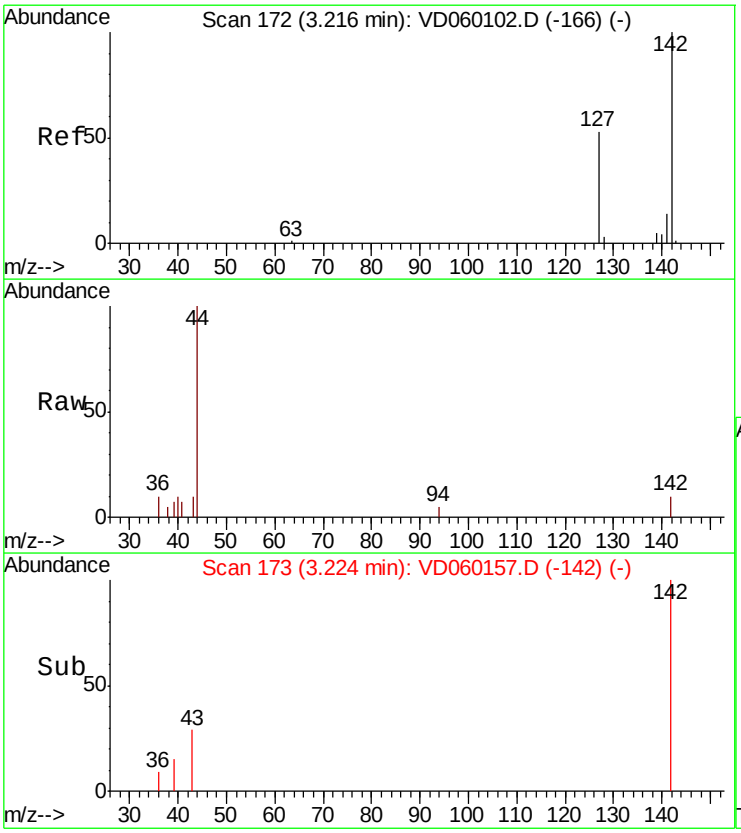
#5
Bromomethane
Concen: 156.418 ug/l
RT: 2.15 min Scan# 64
Delta R.T. 0.04 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion: 94 Resp: 2736

Ion	Ratio	Lower	Upper
94	100		
96	104.0	77.4	116.2

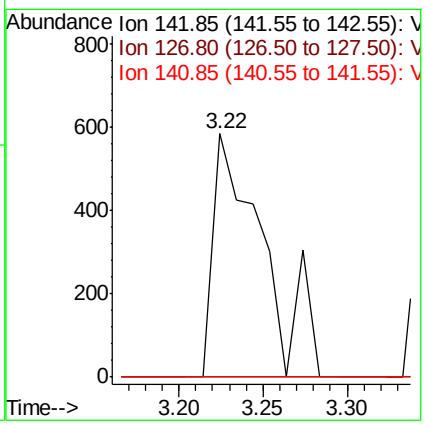


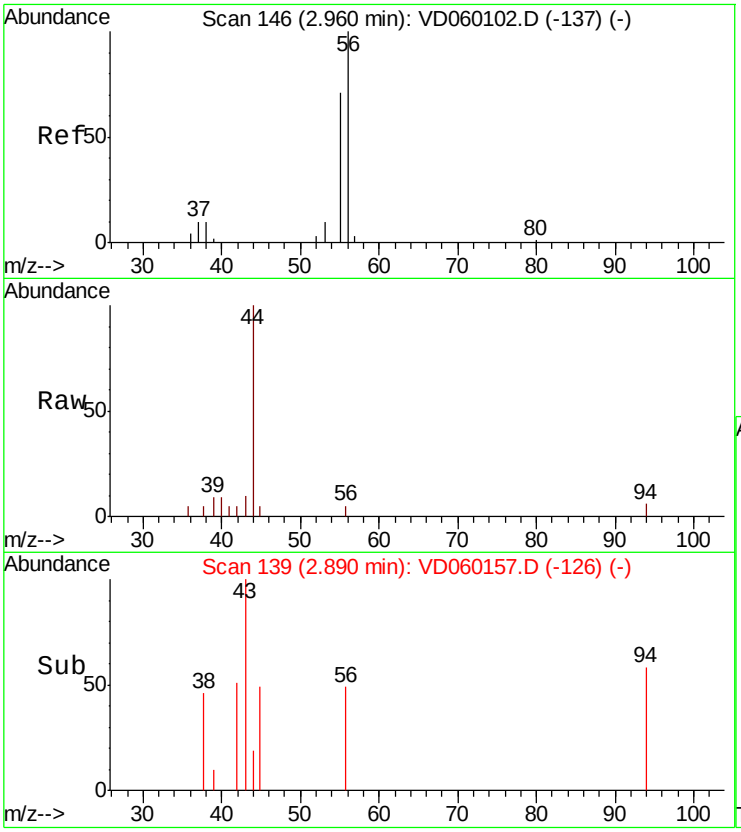


#10
Methyl Iodide
Concen: 10.890 ug/l
RT: 3.22 min Scan# 173
Delta R.T. 0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion:142 Resp: 1200

Ion	Ratio	Lower	Upper
142	100		
127	0.0	42.0	63.0#
141	0.0	11.4	17.0#



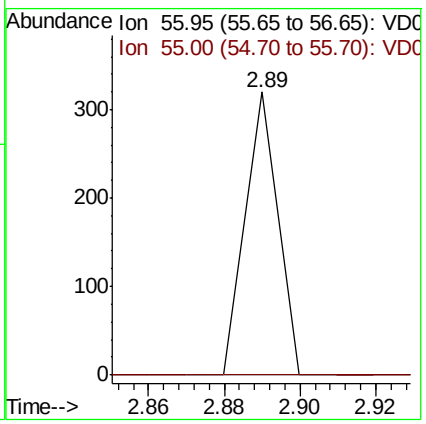


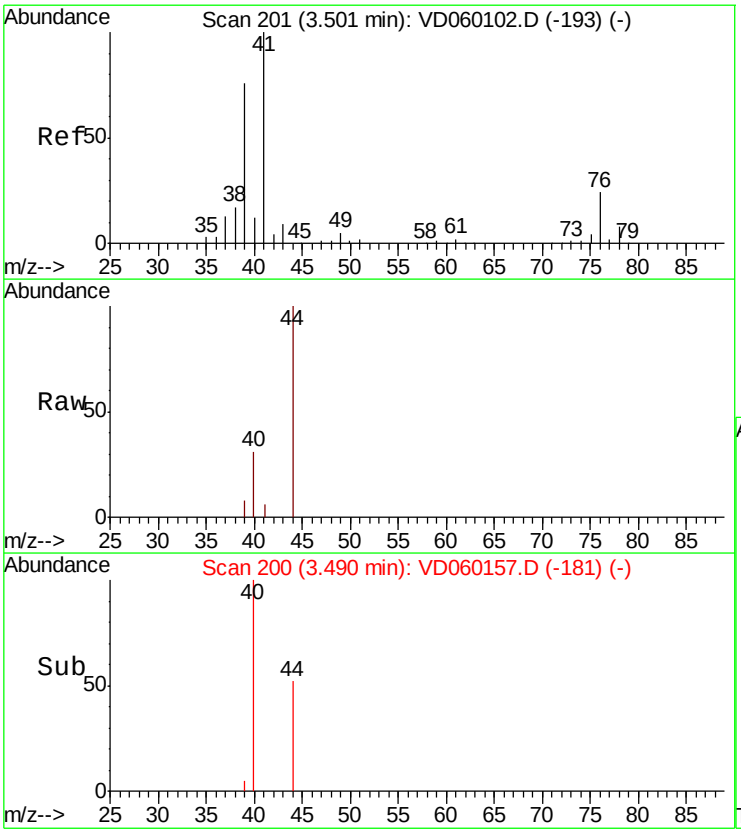
#13
Acrolein
Concen: 28.103 ug/l
RT: 2.89 min Scan# 139
Delta R.T. -0.07 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.2#

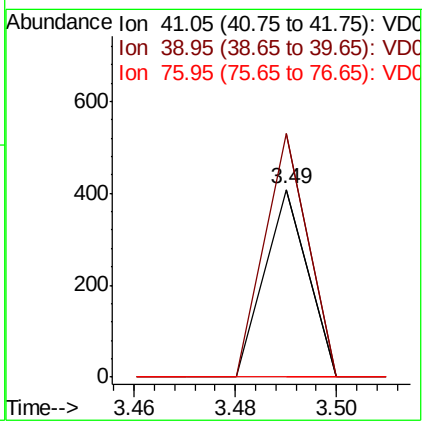


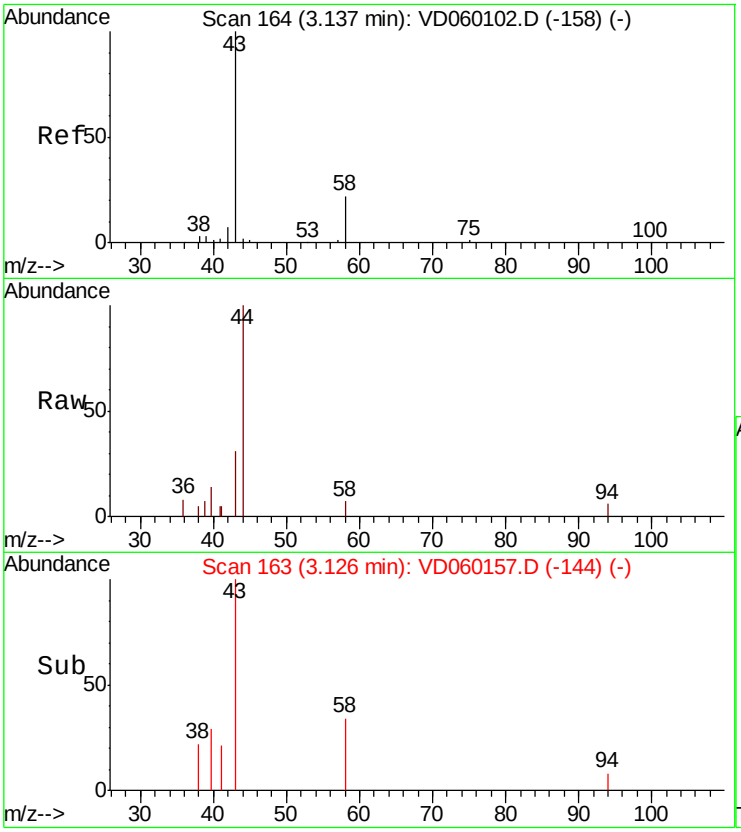


#14
Allyl chloride
Concen: 1.417 ug/l
RT: 3.49 min Scan# 200
Delta R.T. -0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 41 Resp: 241

Ion	Ratio	Lower	Upper
41	100		
39	129.6	60.6	90.8#
76	0.0	21.3	31.9#



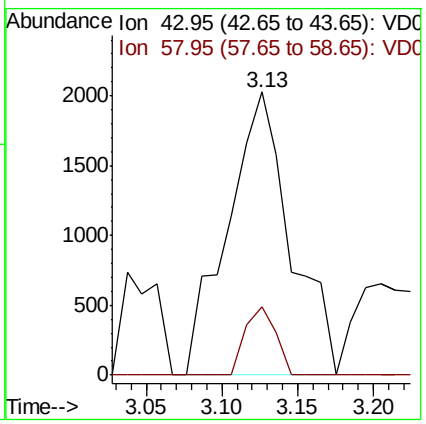


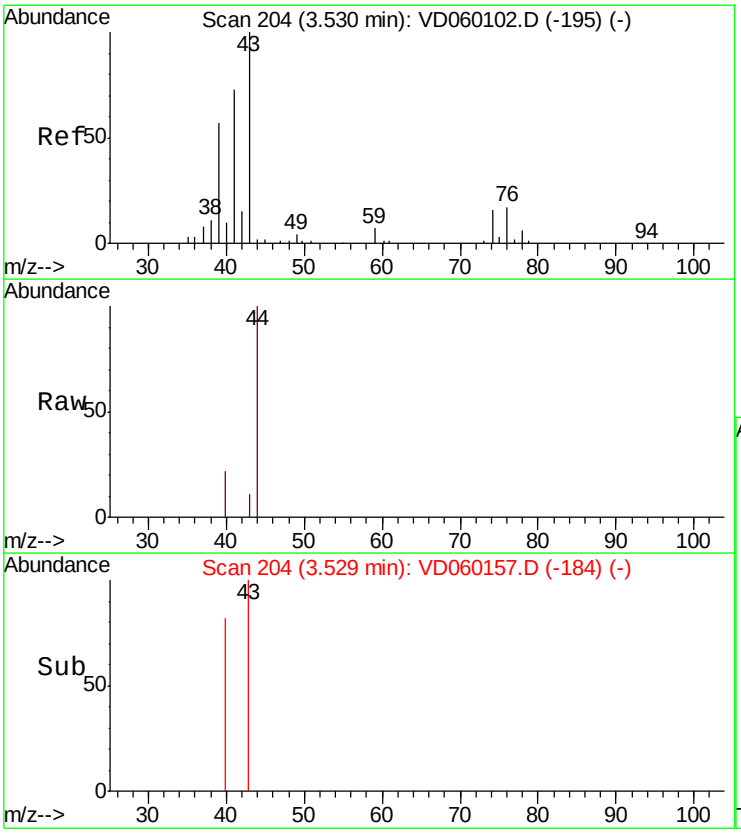
#16
Acetone
Concen: 212.662 ug/l
RT: 3.13 min Scan# 163
Delta R.T. -0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Tgt Ion: 43 Resp: 5870

Ion	Ratio	Lower	Upper
43	100		
58	23.9	17.7	26.5

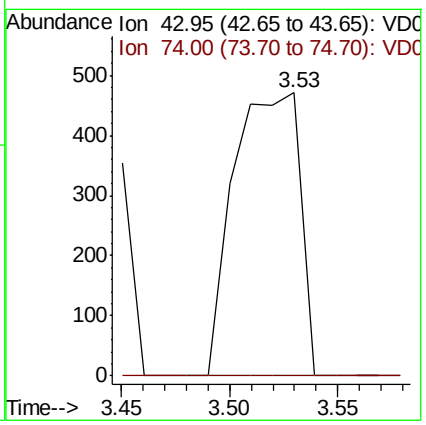


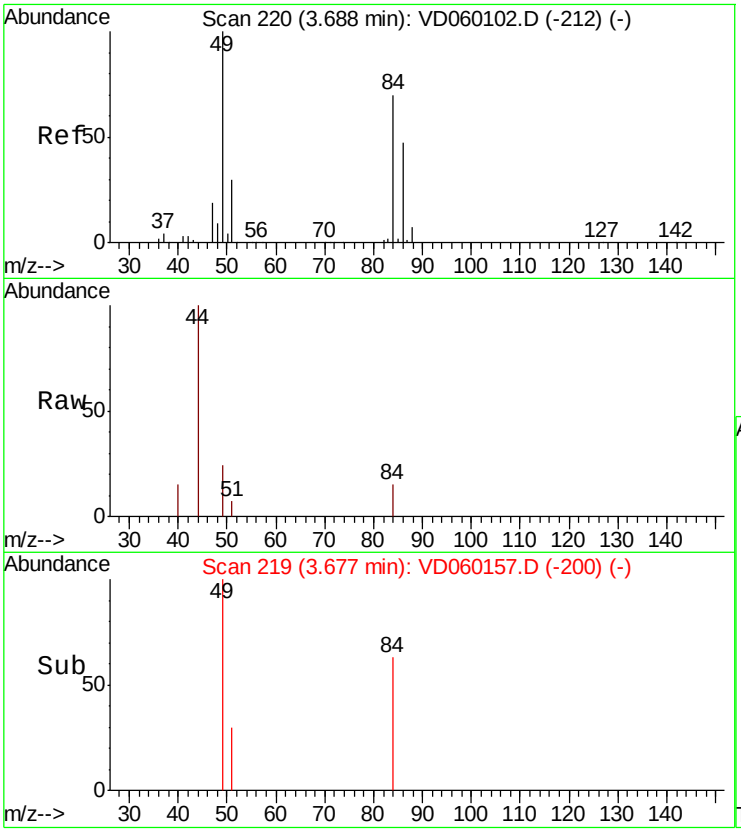


#18
Methyl Acetate
Concen: 16.856 ug/l
RT: 3.53 min Scan# 204
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 43 Resp: 1000

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	19.0#



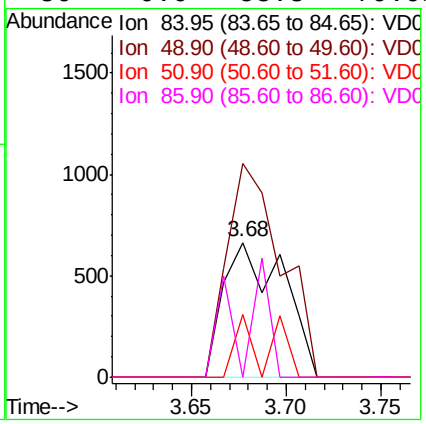


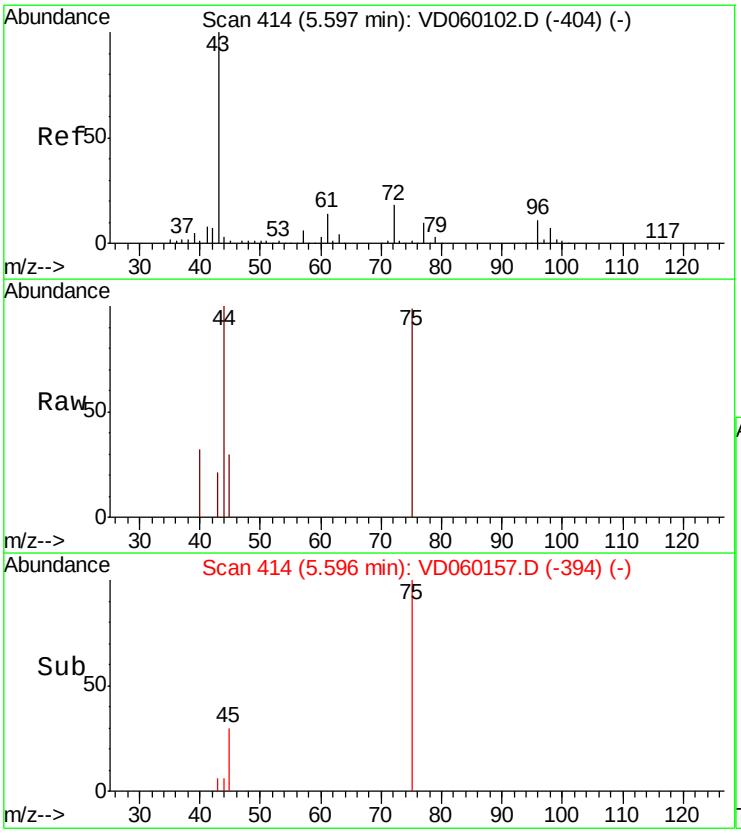
#20
Methylene Chloride
Concen: 2.607 ug/l
RT: 3.68 min Scan# 219
Delta R.T. -0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion: 84 Resp: 1452

Ion	Ratio	Lower	Upper
84	100		
49	158.5	114.6	172.0
51	46.9	33.8	50.8
86	0.0	53.3	79.9#

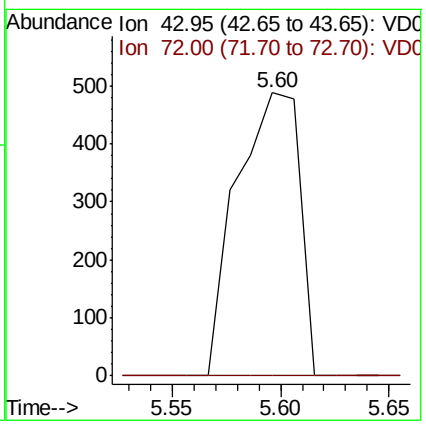


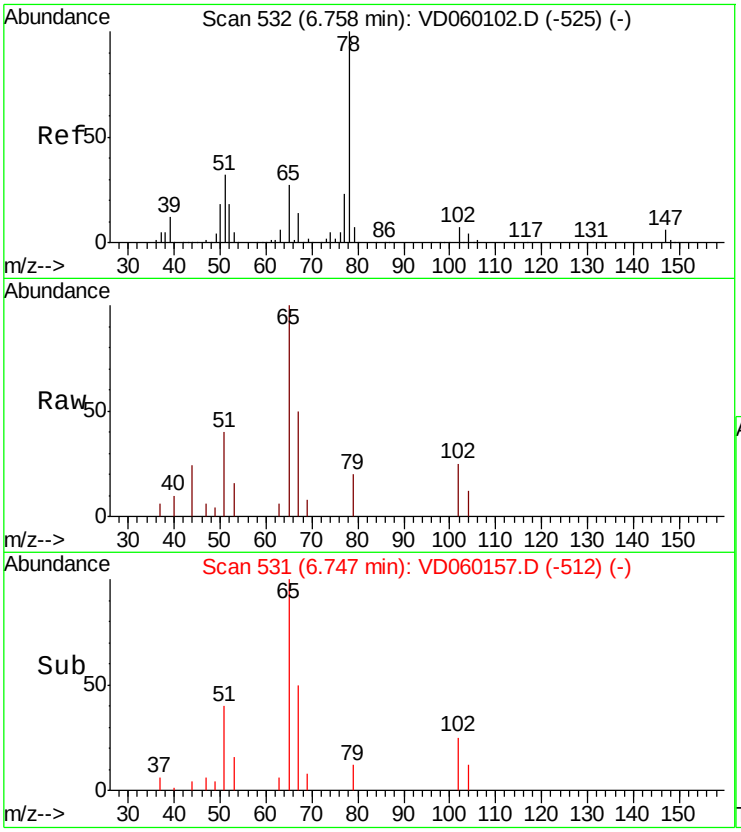


#25
2-Butanone
Concen: 14.270 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 43 Resp: 984

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.5	21.7#



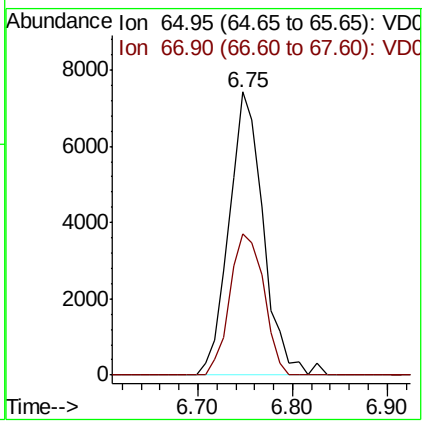


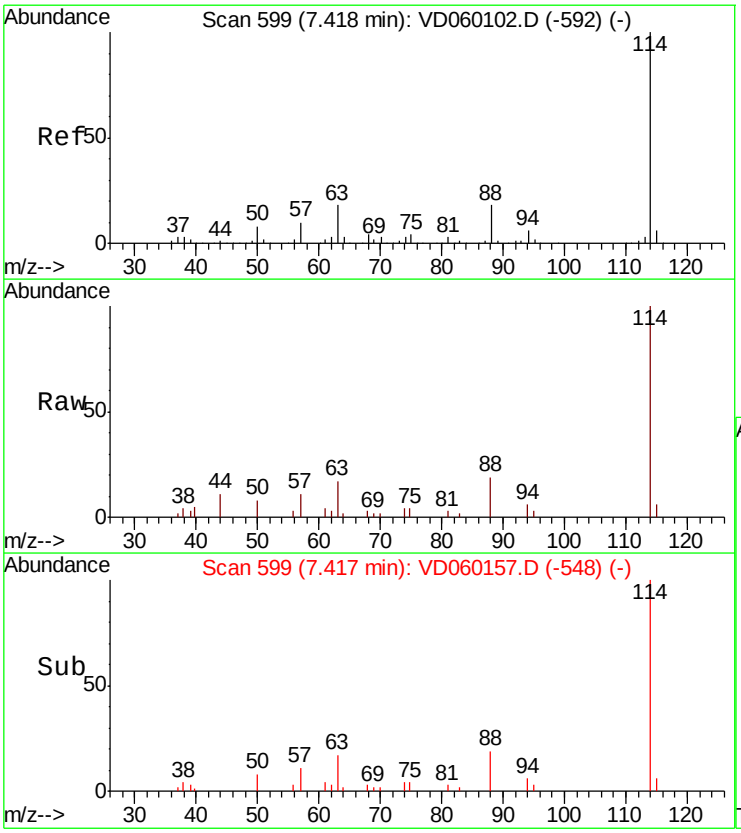
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 531
Delta R.T. -0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion: 65 Resp: 18598

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	106.2

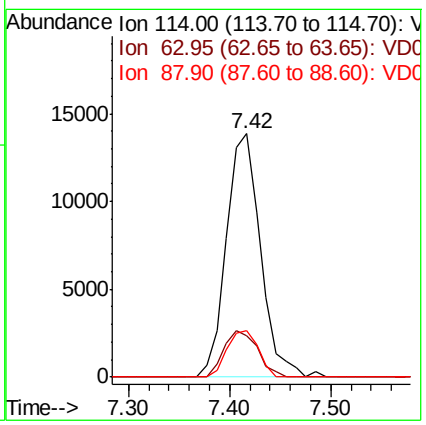


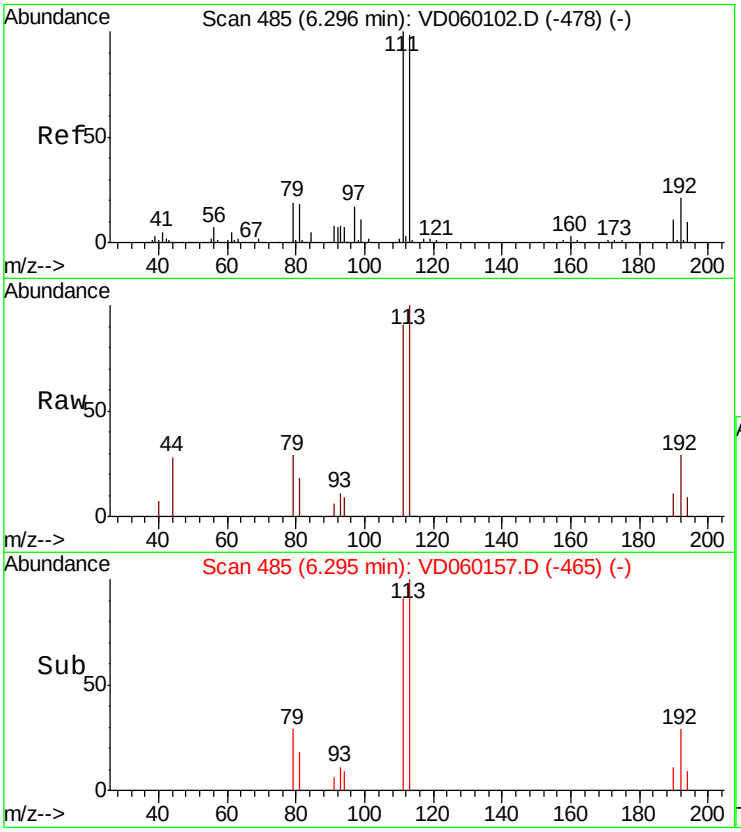


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion:114 Resp: 32579

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	36.0
88	19.3	0.0	36.2



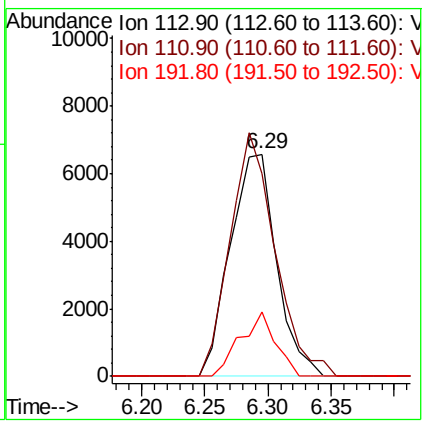


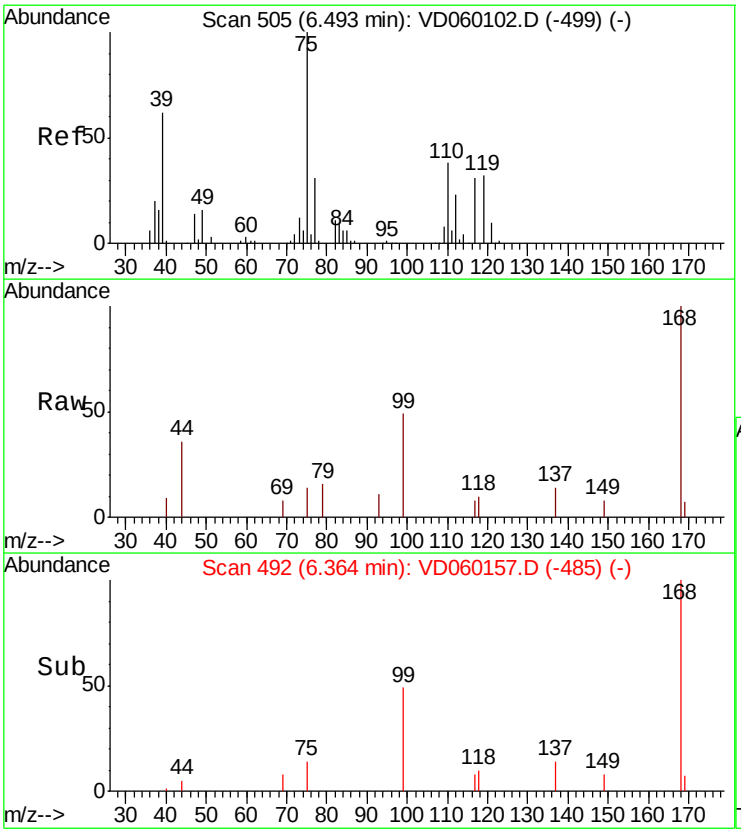
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Tgt Ion:113 Resp: 16724

Ion	Ratio	Lower	Upper
113	100		
111	91.3	81.5	122.3
192	29.3	17.4	26.0#

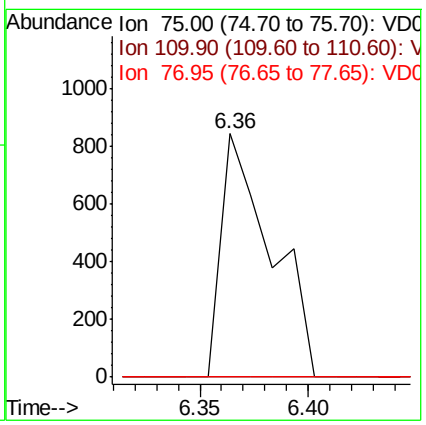


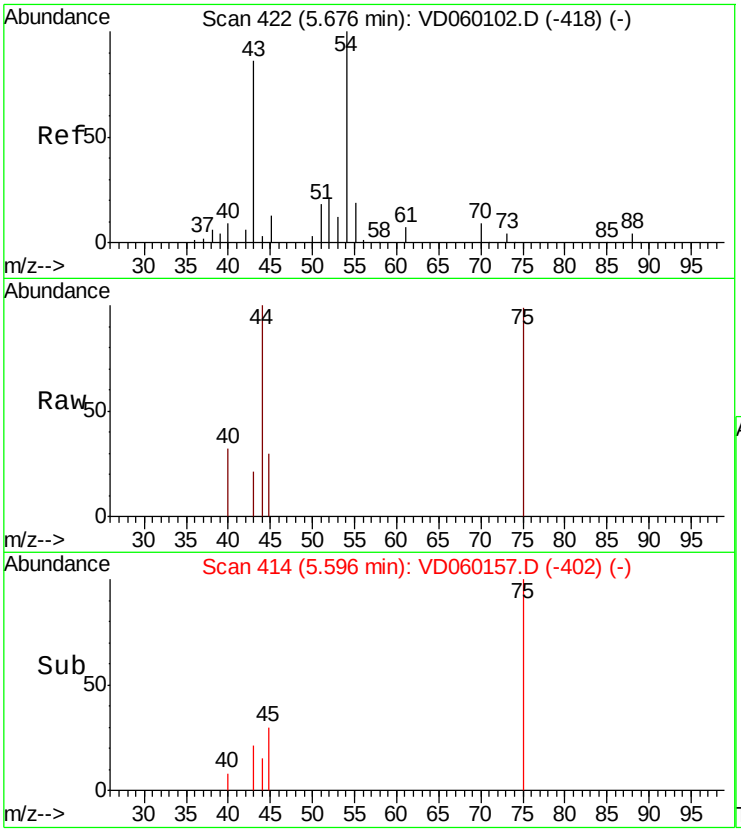


#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 6.36 min Scan# 492
Delta R.T. -0.13 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 75 Resp: 1358

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.0	57.0#
77	0.0	24.9	37.3#



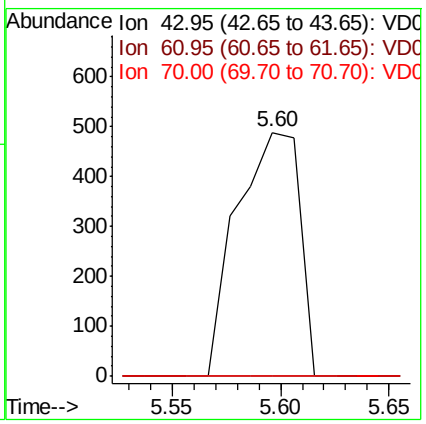


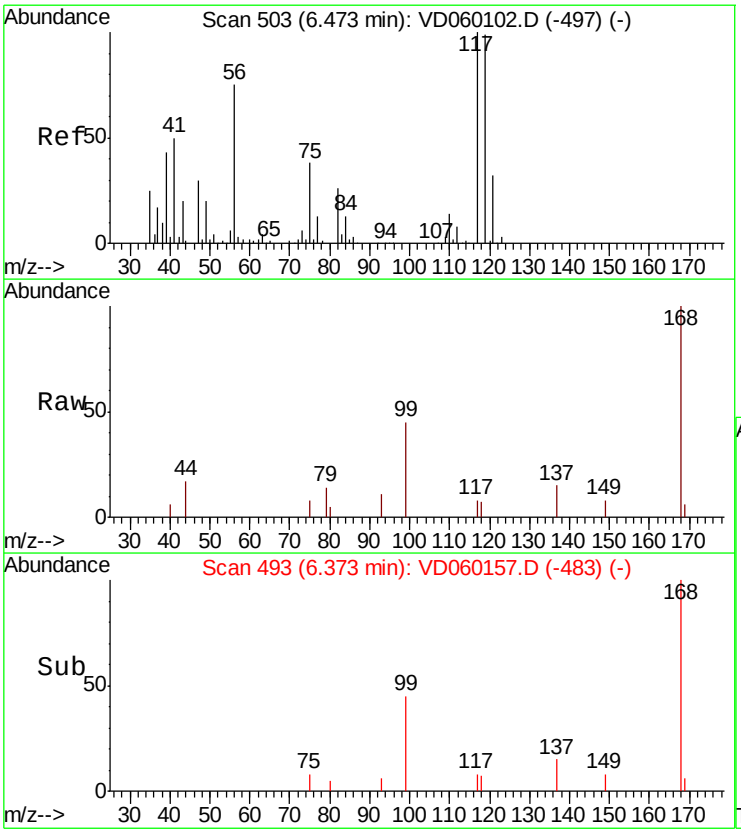
#37
Ethyl Acetate
Concen: 4.762 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.08 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion: 43 Resp: 984

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	6.3	9.5#

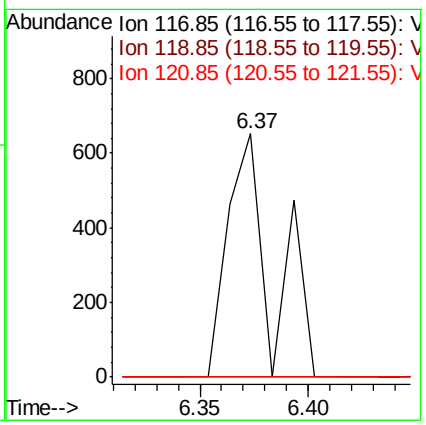


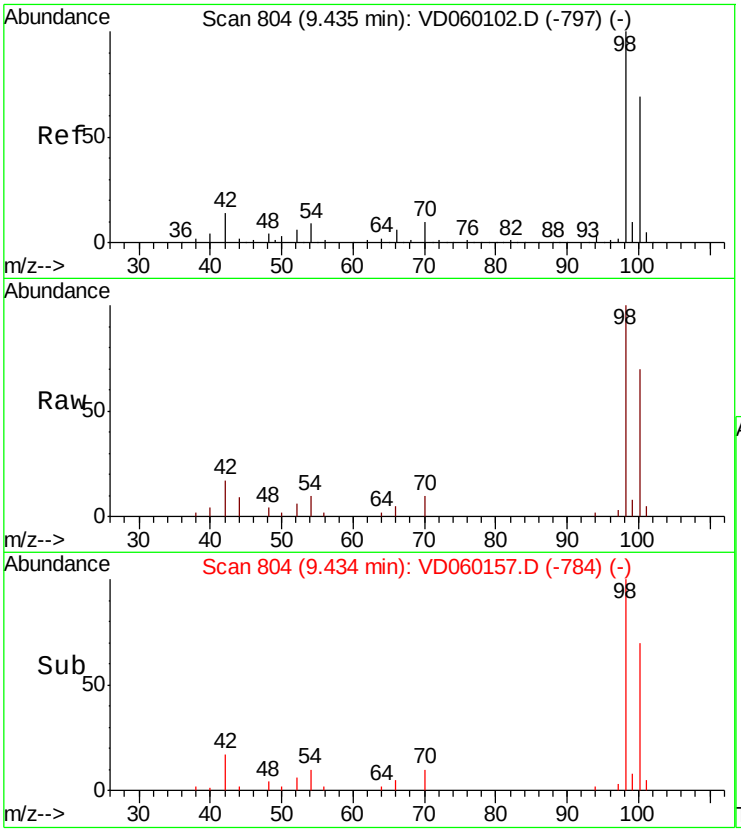


#38
Carbon Tetrachloride
Concen: 3.323 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.10 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion:117 Resp: 939

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.8	116.6#
121	0.0	24.8	37.2#



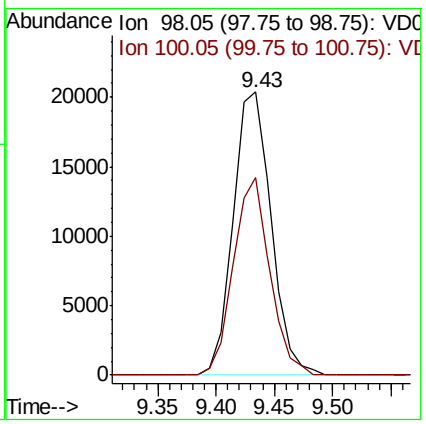


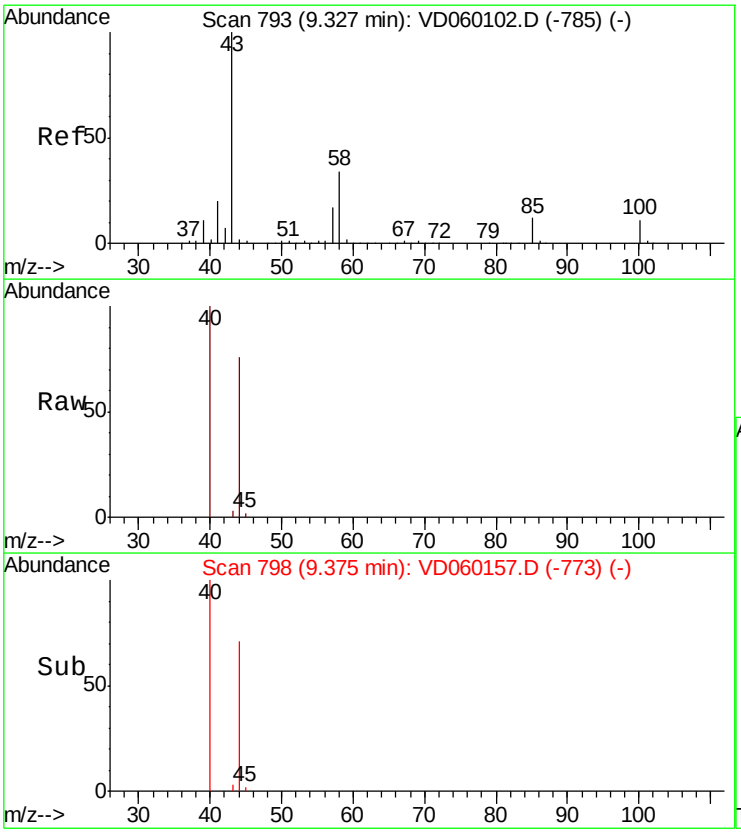
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Tgt Ion: 98 Resp: 45887

Ion	Ratio	Lower	Upper
98	100		
100	69.8	55.4	83.0

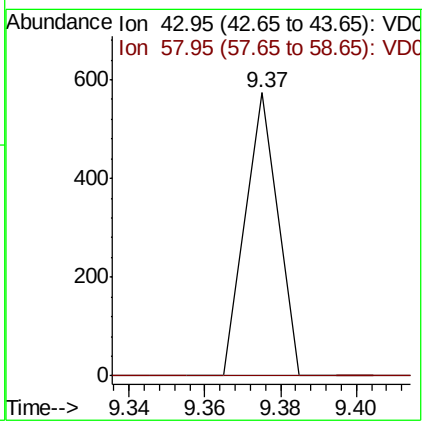


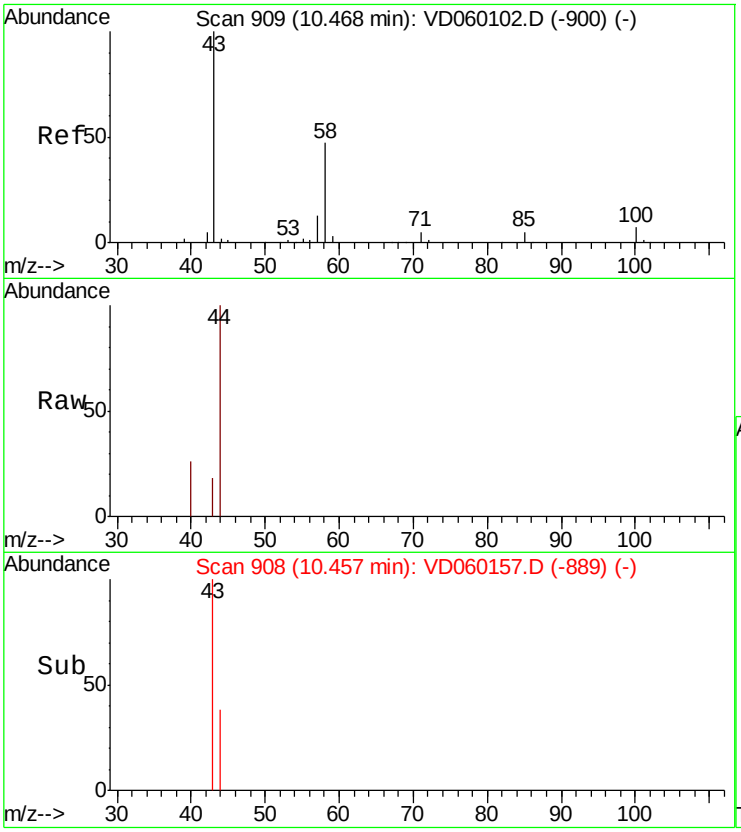


#51
4-Methyl-2-Pentanone
Concen: 1.971 ug/l
RT: 9.37 min Scan# 798
Delta R.T. 0.05 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 43 Resp: 338

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.2	40.8#



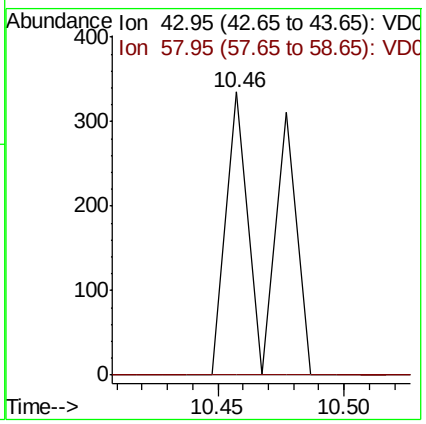


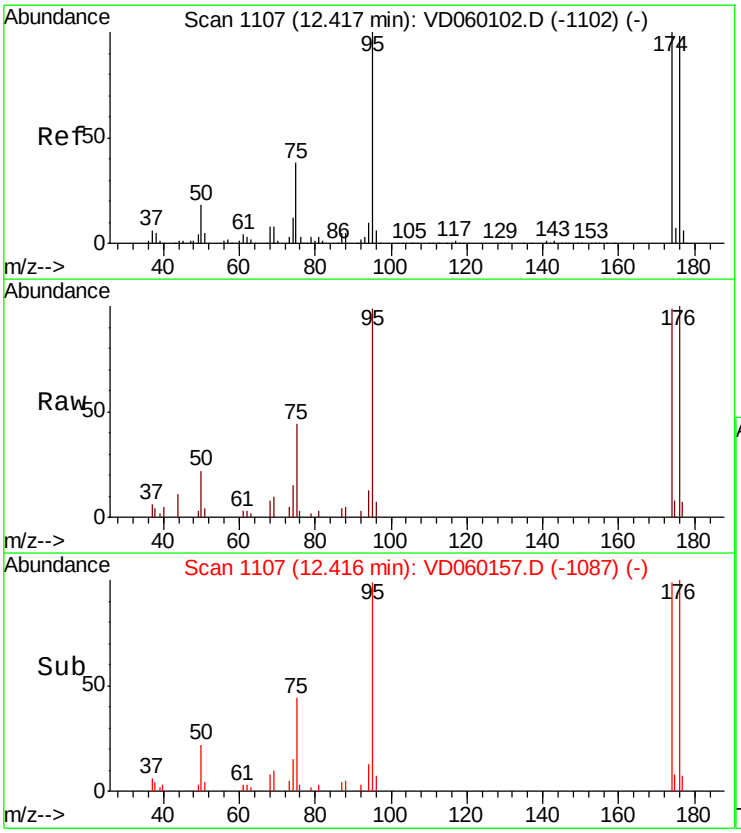
#59
2-Hexanone
Concen: 3.090 ug/l
RT: 10.46 min Scan# 908
Delta R.T. -0.01 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion: 43 Resp: 381

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#

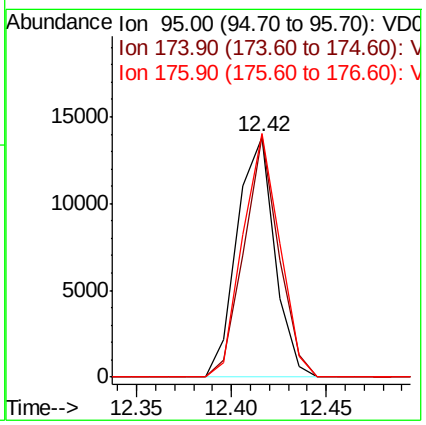


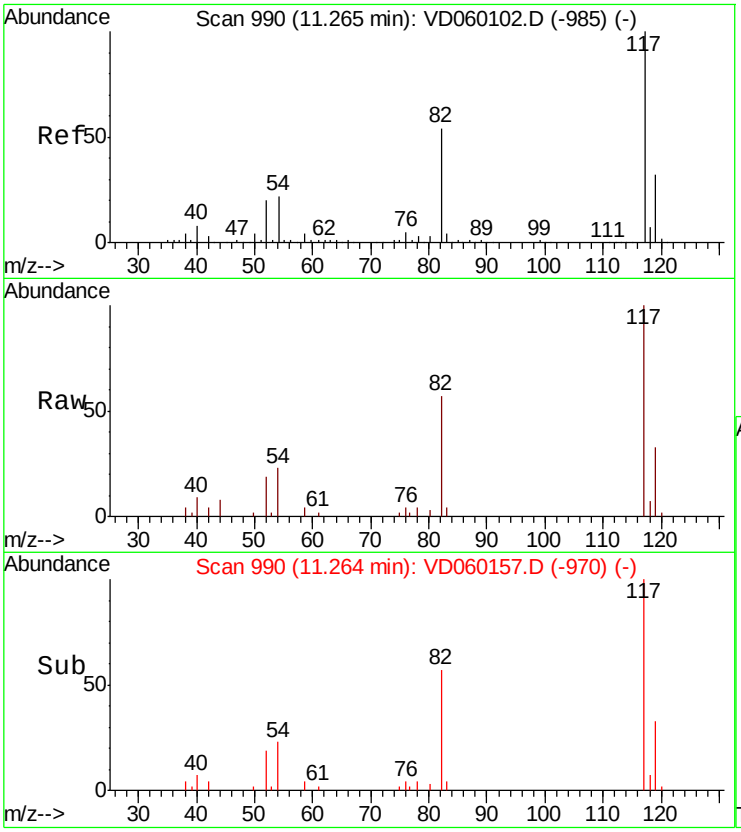


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 95 Resp: 18973

Ion	Ratio	Lower	Upper
95	100		
174	100.2	0.0	200.2
176	101.3	0.0	195.6



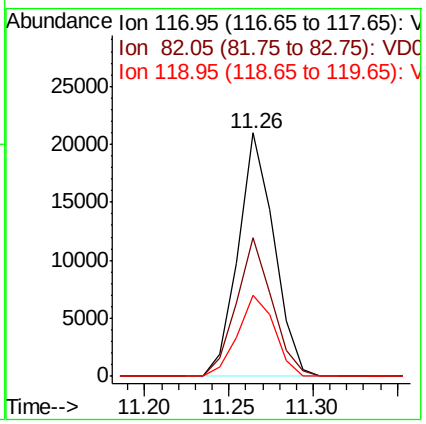


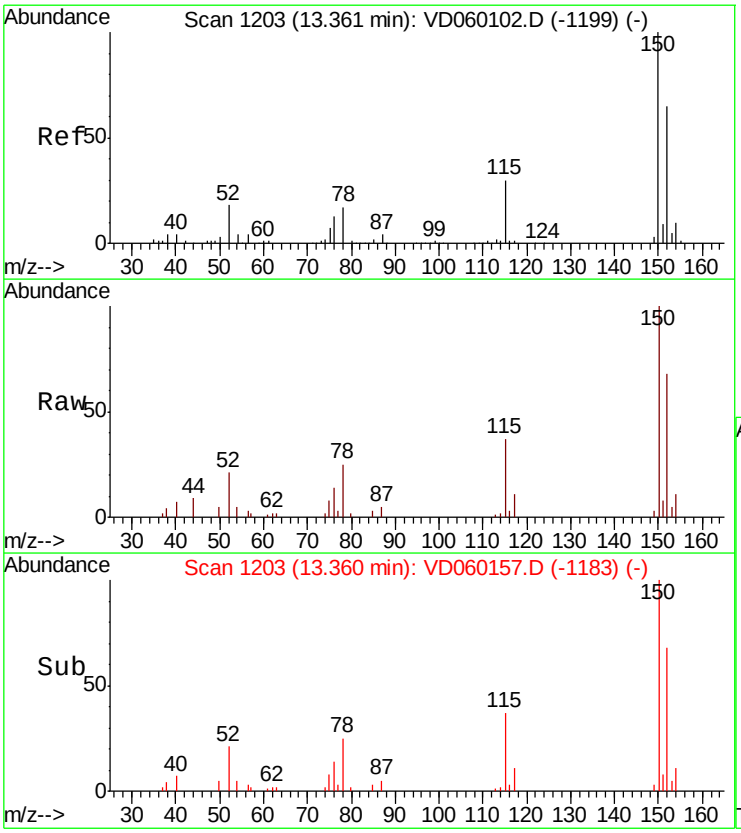
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument : MSVOA_D
ClientSampleId : FL-PIT-1

Tgt Ion:117 Resp: 30962

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.4	65.2
119	33.2	26.0	39.0

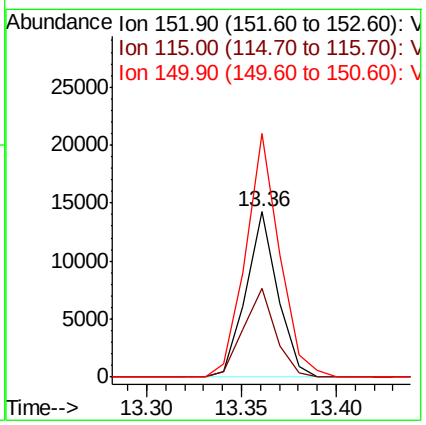


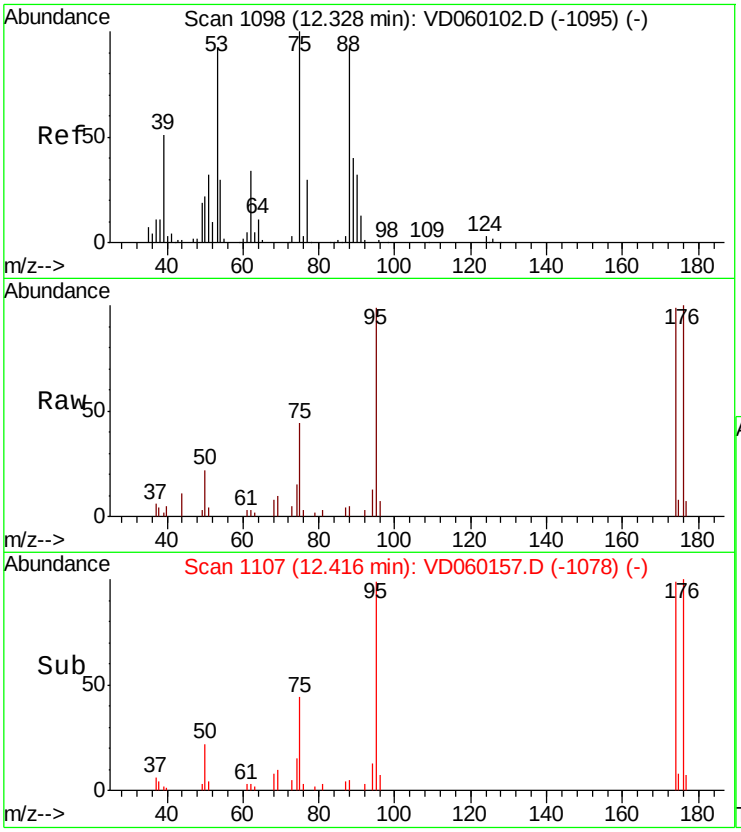


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion:152 Resp: 16539

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.2
150	147.4	0.0	311.8



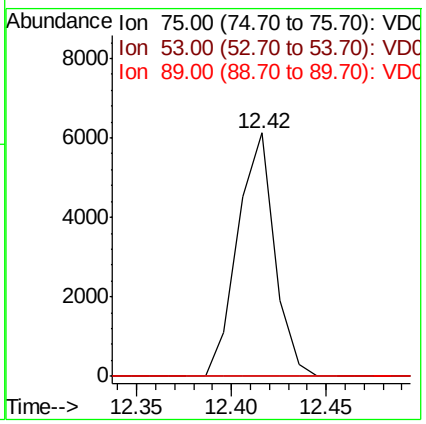


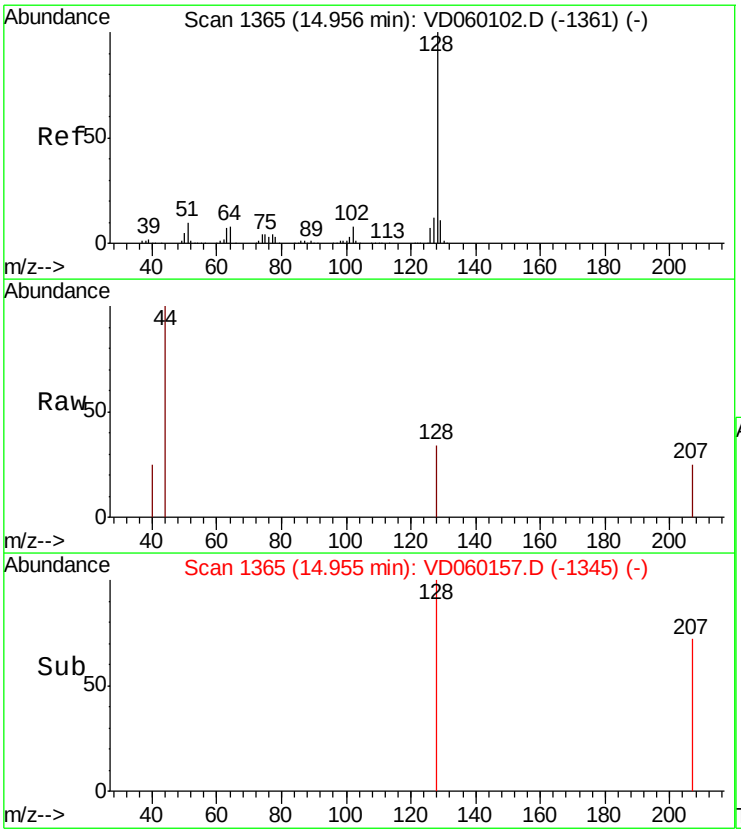
#81
trans-1,4-Dichloro-2-butene
Concen: 123.061 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Instrument :
MSVOA_D
ClientSampleId :
FL-PIT-1

Tgt Ion: 75 Resp: 8236

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.0	109.6#
89	0.0	32.0	48.0#





#95
Naphthalene
Concen: 1.220 ug/l
RT: 14.95 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VD060157.D
Acq: 9 Oct 2018 18:07

Tgt Ion:128 Resp: 713

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.8	13.2#