Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030419\
Data File : VD060936.D
Acq On : 4 Mar 2019 21:04
Operator : VA/AP
Sample : K1714-09
Misc : 5.73g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-B-5-8

Quant Time: Mar 05 01:35:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	530003	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	905766	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	802659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	351749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	229423	52.36	ug/l	0.02
Spiked Amount 50.000			Recovery = 104.72%			
35) Dibromofluoromethane	6.93	113	361965	49.85	ug/l	0.02
Spiked Amount 50.000			Recovery = 99.70%			
50) Toluene-d8	10.42	98	788821	43.66	ug/l	0.02
Spiked Amount 50.000			Recovery = 87.32%			
62) 4-Bromofluorobenzene	13.56	95	331779	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
Target Compounds						Qvalue
10) Methyl Iodide	3.32	142	184	4.759	ug/l #	40
11) Tert butyl alcohol	4.01	59	16287	49.875	ug/l #	77
16) Acetone	3.23	43	40842	27.918	ug/l	93
20) Methylene Chloride	3.83	84	102910	12.066	ug/l	96
25) 2-Butanone	6.08	43	2808	1.547	ug/l #	55
29) Tetrahydrofuran	6.46	42	2197	2.352	ug/l #	68
36) 1,1-Dichloropropene	7.05	75	39372	4.728	ug/l #	44
37) Ethyl Acetate	6.15	43	6149	1.436	ug/l #	30
38) Carbon Tetrachloride	7.05	117	52476	5.865	ug/l #	15
51) 4-Methyl-2-Pentanone	10.31	43	3758	1.034	ug/l #	75
76) 1,2,3-Trichloropropane	13.56	75	87028	15.270	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	121347	71.943	ug/l #	20
89) n-Butylbenzene	14.80	91	936	Below Cal	#	29

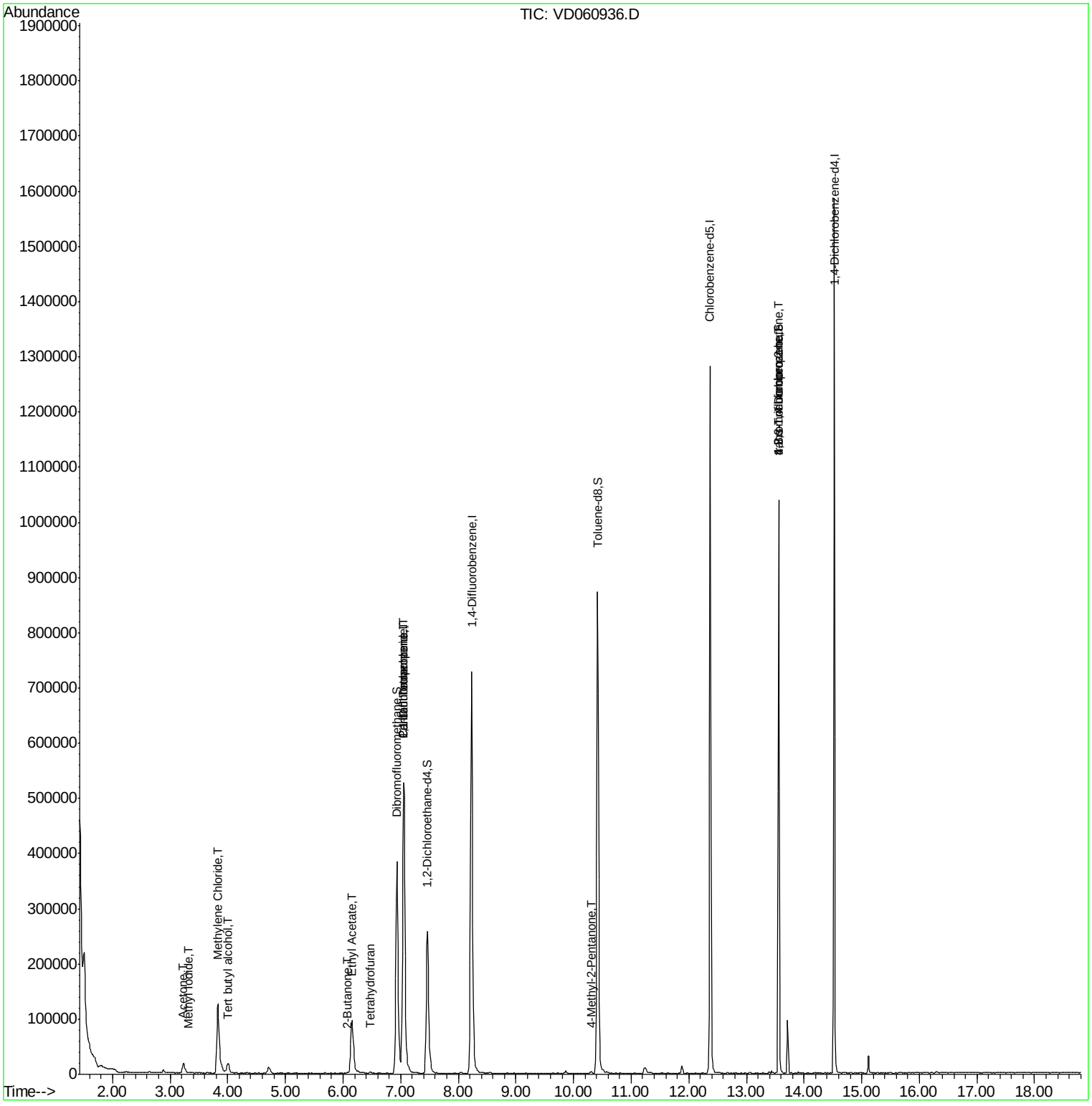
(#) = qualifier out of range (m) = manual integration (+) = signals summed

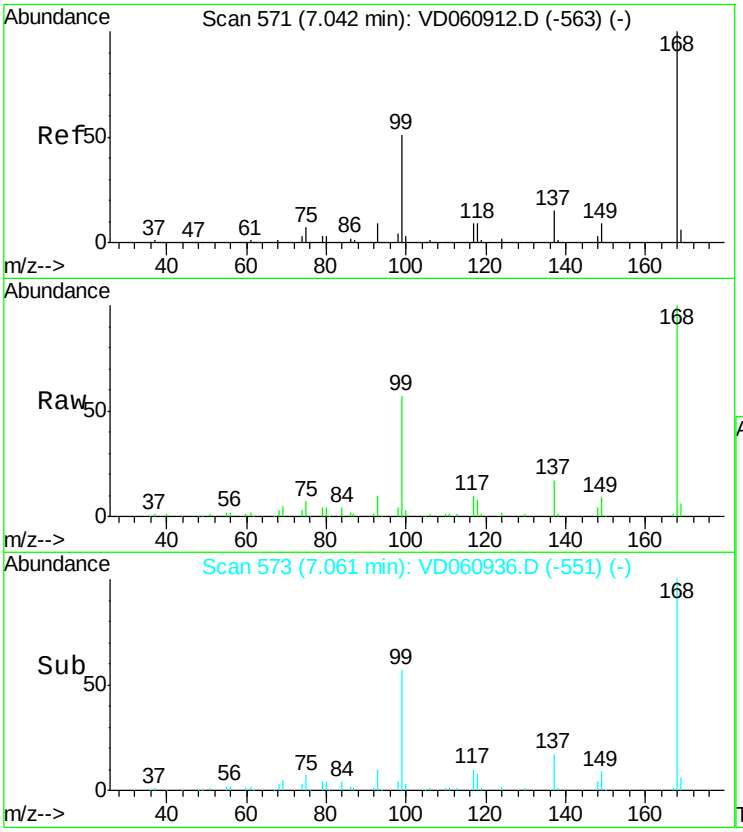
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
Data File : VD060936.D
Acq On : 4 Mar 2019 21:04
Operator : VA/AP
Sample : K1714-09
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Quant Time: Mar 05 01:35:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration



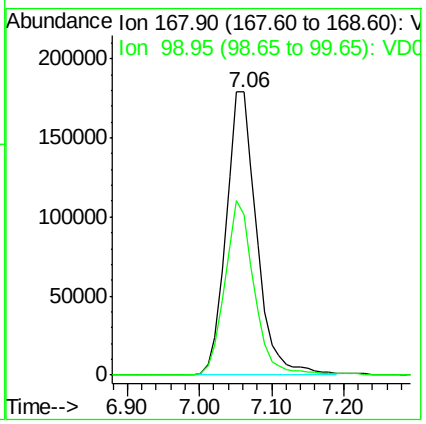


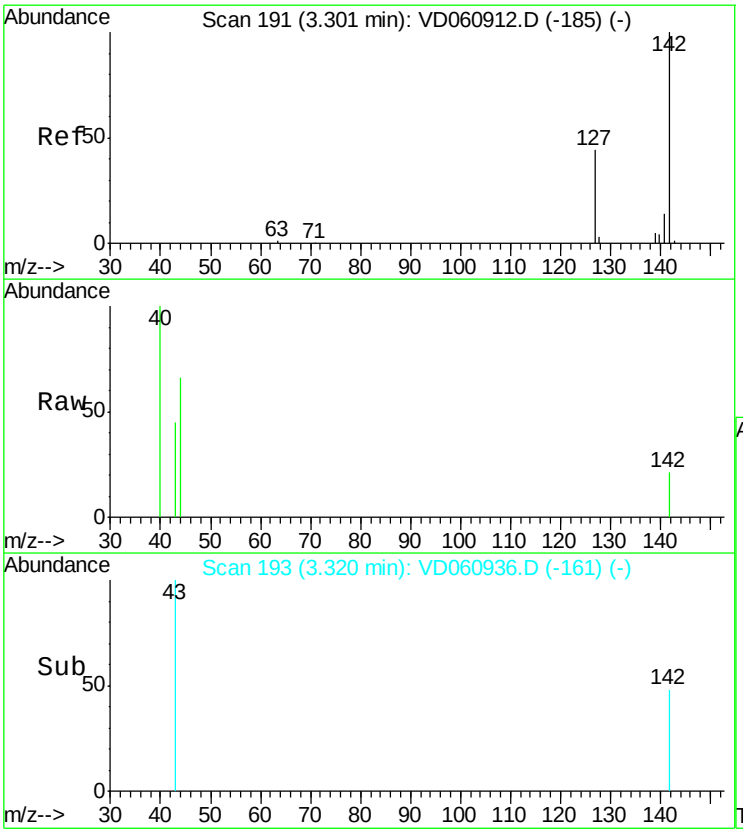
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument : MSVOA_D
ClientSampleId : SB-B-5-8

Tgt Ion:168 Resp: 530003

Ion	Ratio	Lower	Upper
168	100		
99	56.7	41.5	62.3

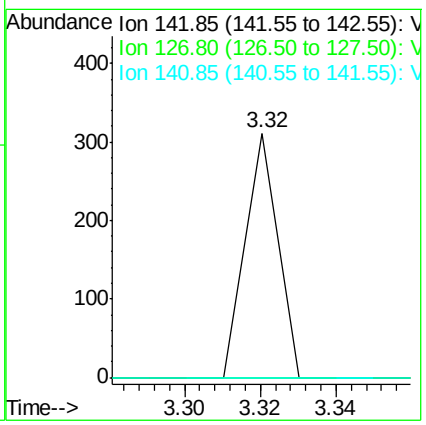


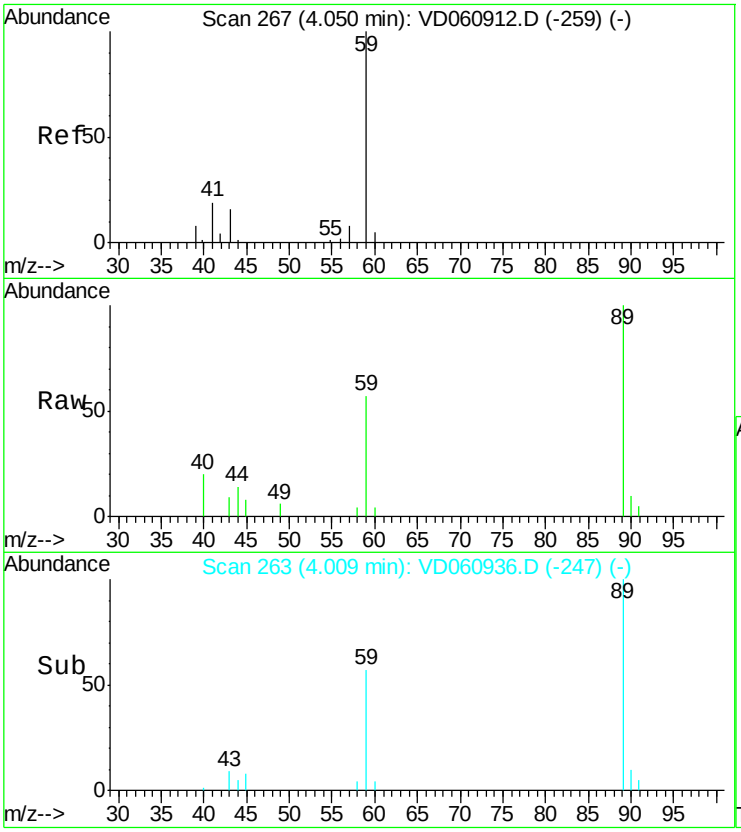


#10
Methyl Iodide
Concen: 4.759 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion:142 Resp: 184

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.0	52.6#
141	0.0	11.0	16.4#



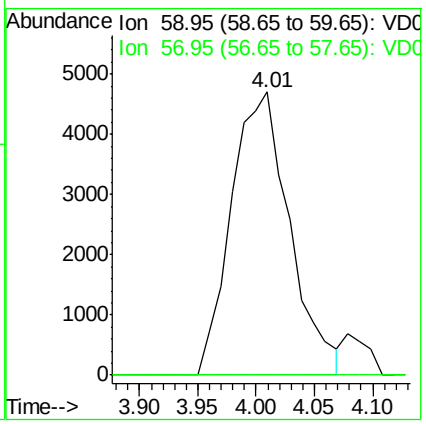


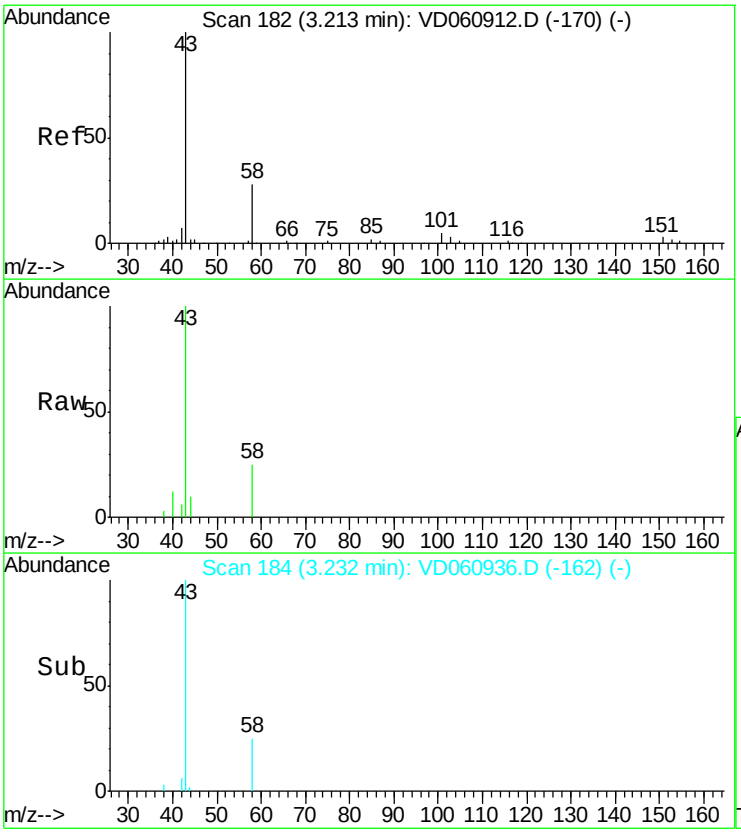
#11
Tert butyl alcohol
Concen: 49.875 ug/l
RT: 4.01 min Scan# 263
Delta R.T. -0.04 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument : MSVOA_D
ClientSampleId : SB-B-5-8

Tgt Ion: 59 Resp: 16287

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.5	9.7#

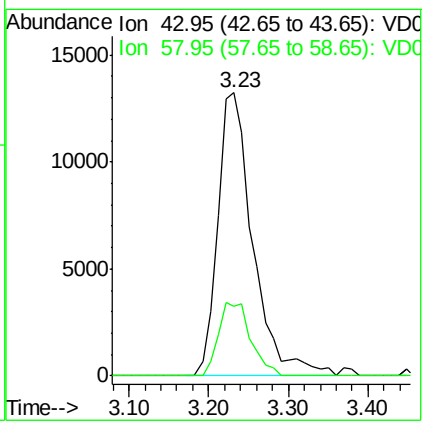


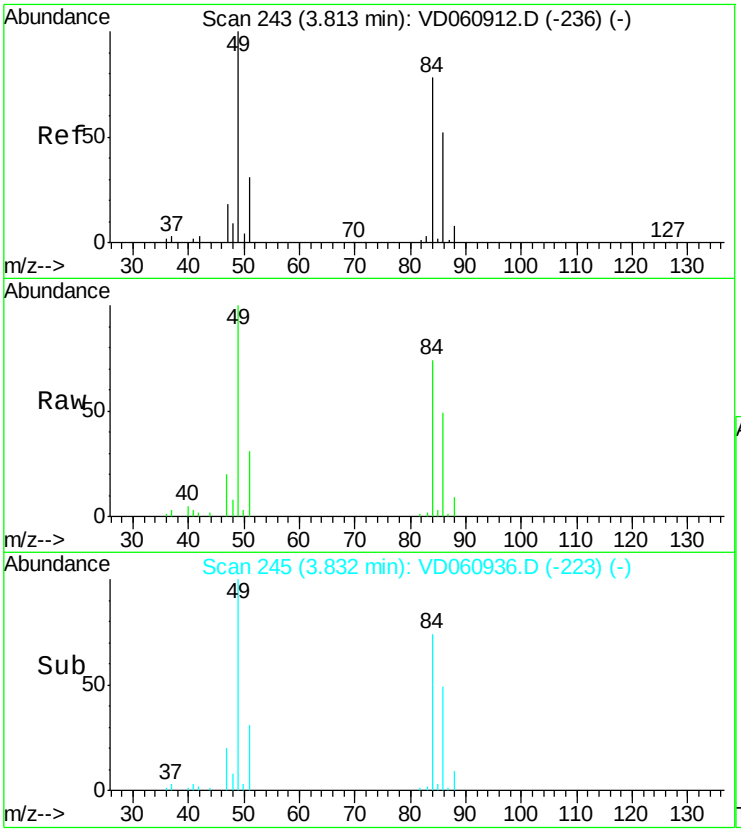


#16
Acetone
Concen: 27.918 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 43 Resp: 40842

Ion	Ratio	Lower	Upper
43	100		
58	24.5	22.8	34.2



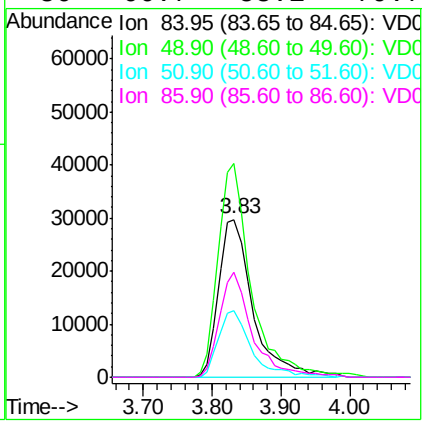


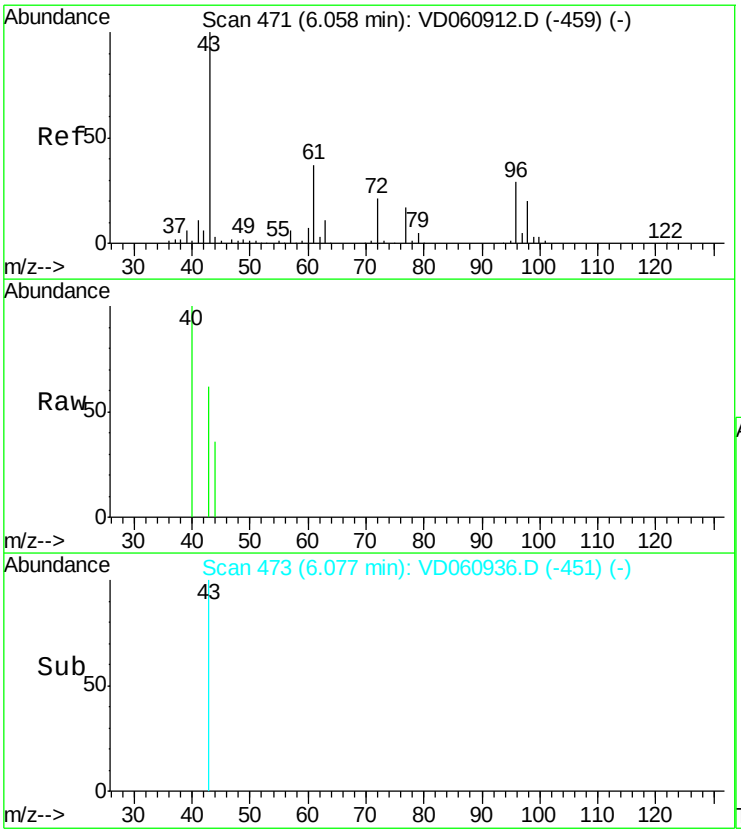
#20
Methylene Chloride
Concen: 12.066 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument : MSVOA_D
ClientSampleId : SB-B-5-8

Tgt Ion: 84 Resp: 102910

Ion	Ratio	Lower	Upper
84	100		
49	135.6	102.4	153.6
51	42.1	31.9	47.9
86	66.7	53.1	79.7

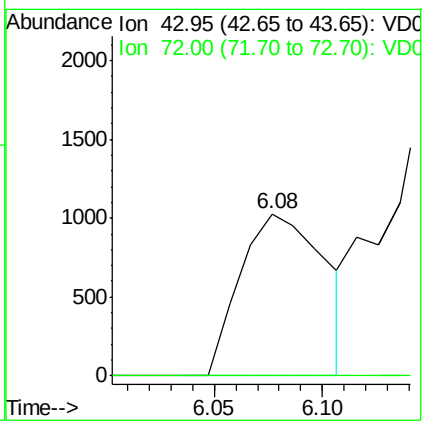


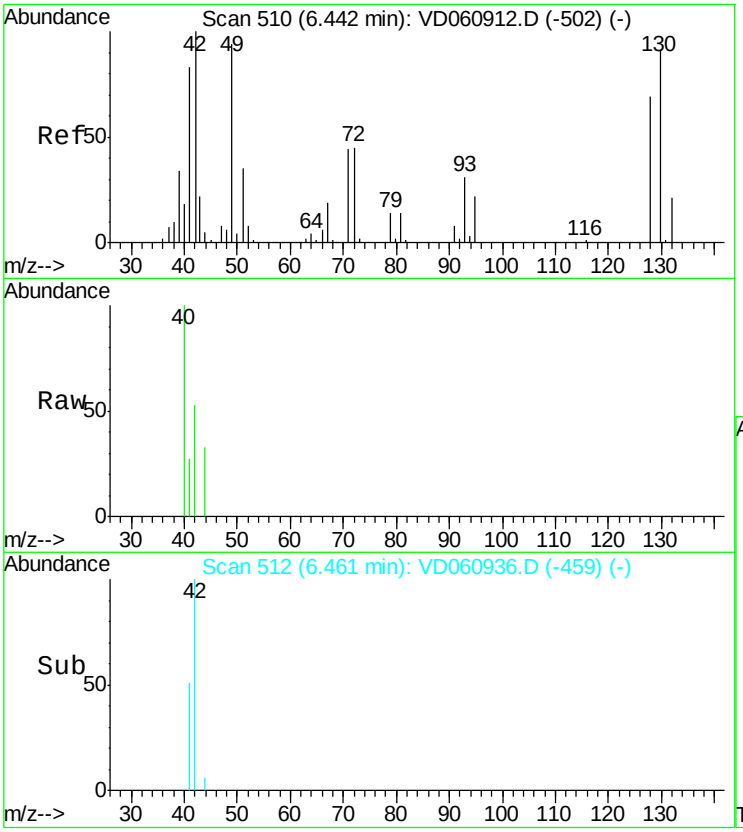


#25
2-Butanone
Concen: 1.547 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 43 Resp: 2808

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.4#



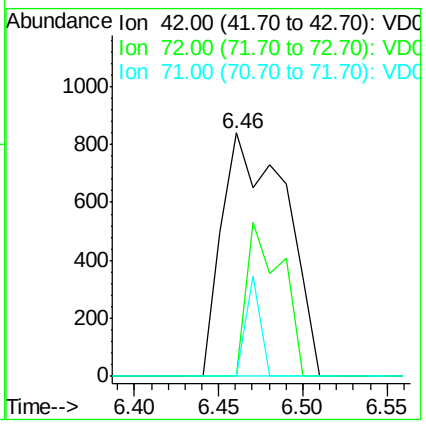


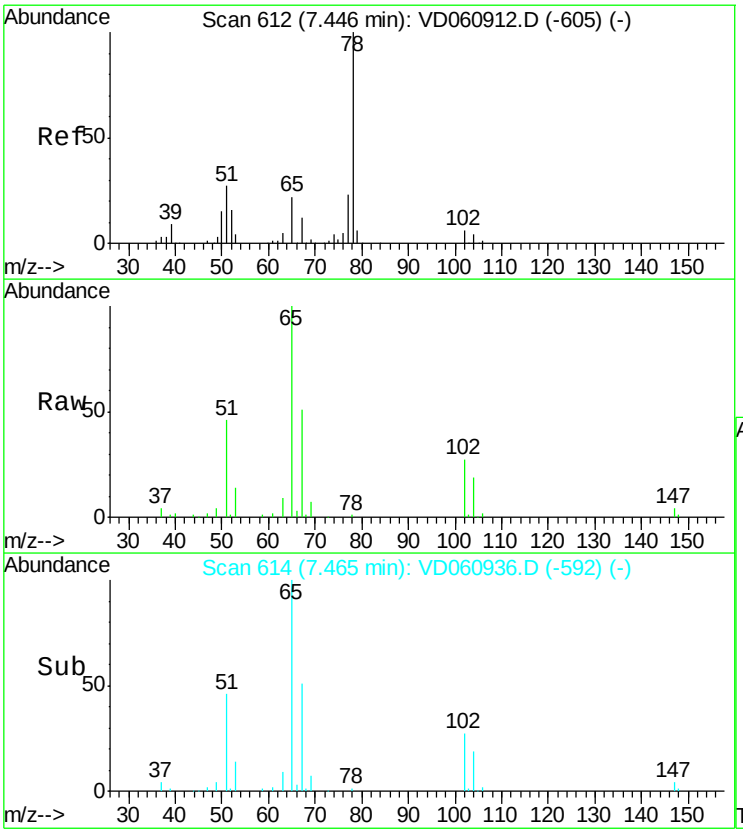
#29
Tetrahydrofuran
Concen: 2.352 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Tgt Ion: 42 Resp: 2197

Ion	Ratio	Lower	Upper
42	100		
72	34.8	33.8	50.6
71	9.2	33.5	50.3#

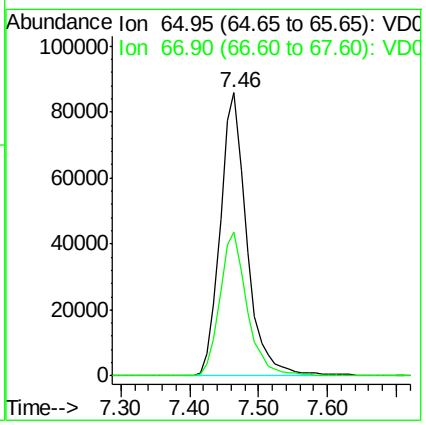


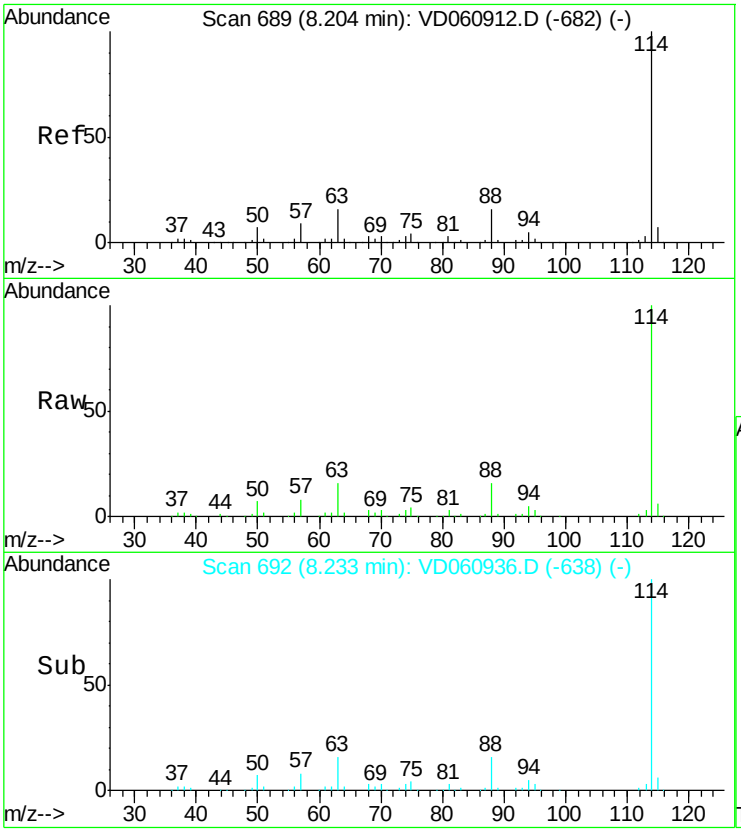


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 65 Resp: 229423

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	109.4



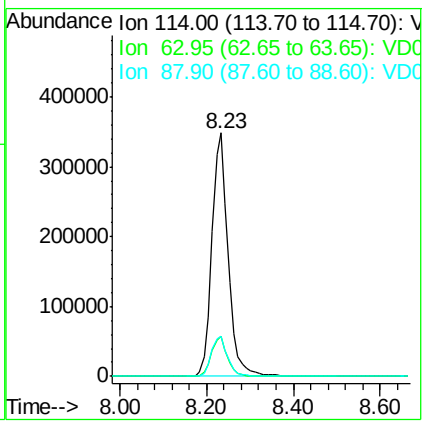


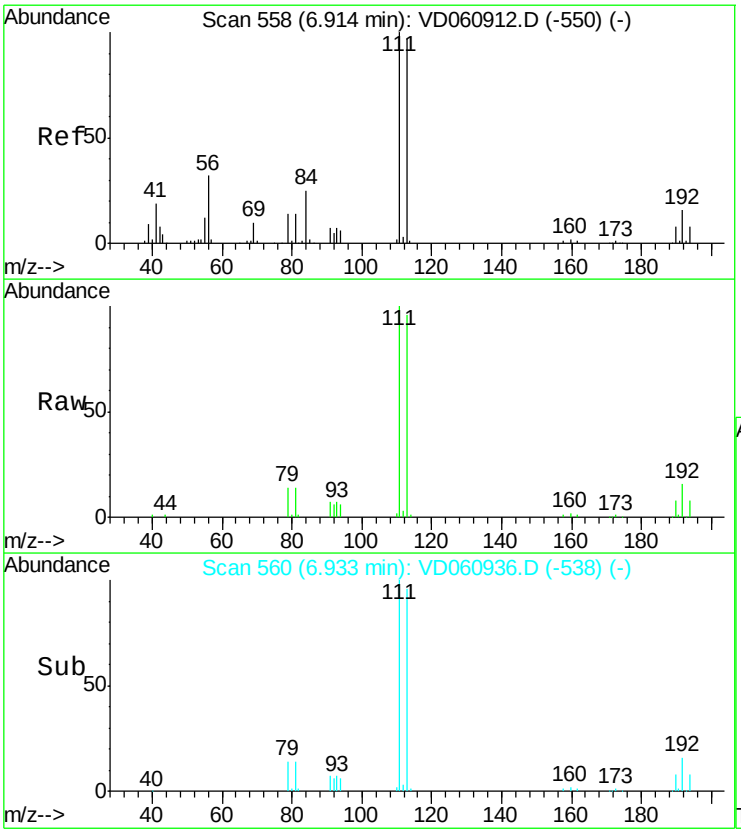
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 692
Delta R.T. 0.03 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Tgt Ion:114 Resp: 905766

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	32.0
88	16.3	0.0	32.8

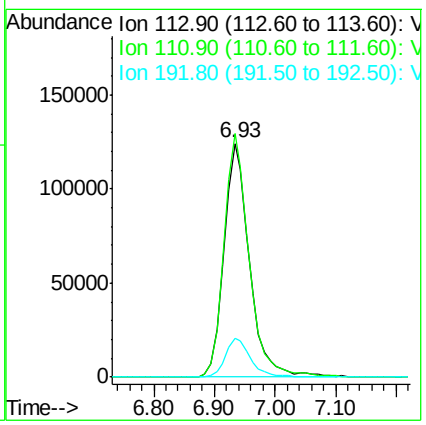


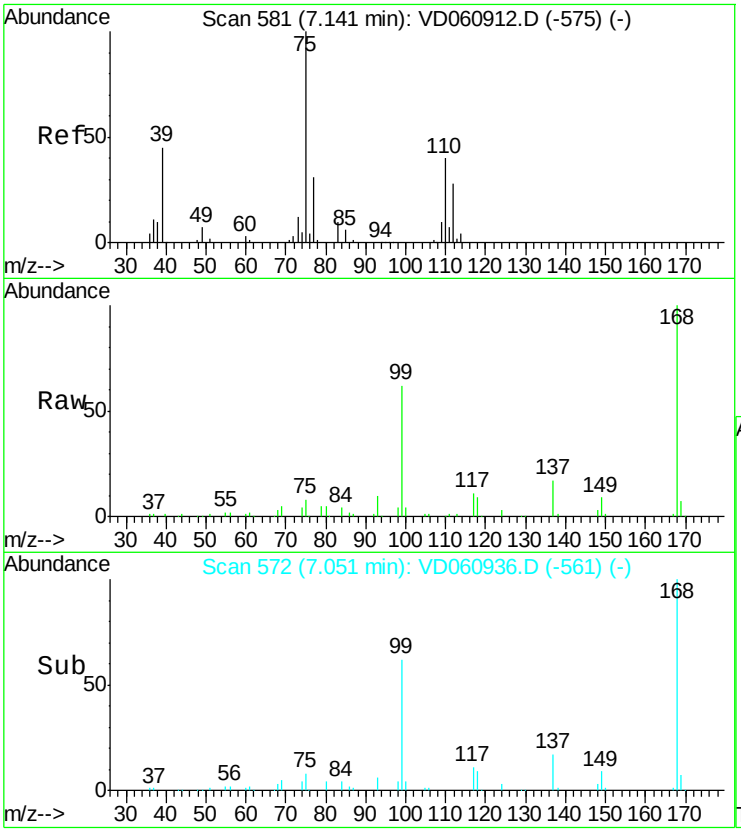


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion:113 Resp: 361965

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	16.6	13.4	20.2



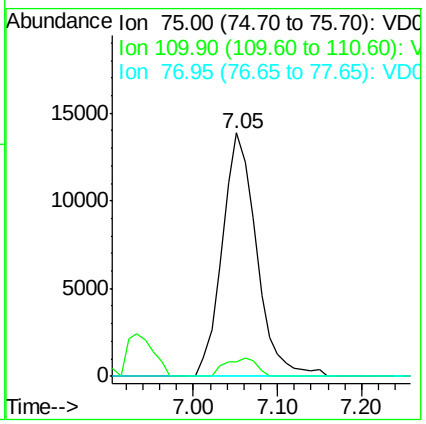


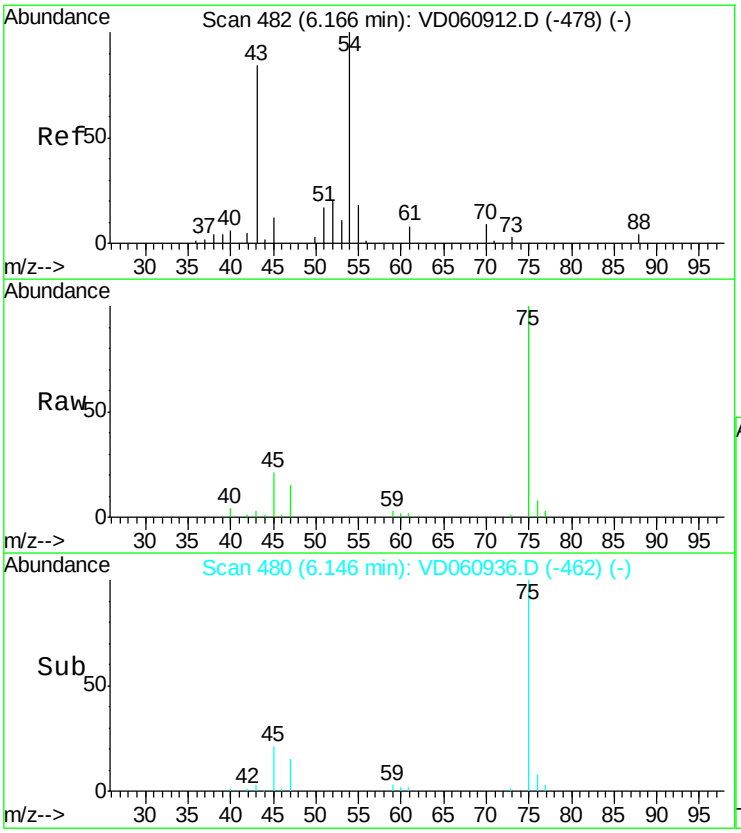
#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.09 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Tgt Ion: 75 Resp: 39372

Ion	Ratio	Lower	Upper
75	100		
110	5.7	19.9	59.7#
77	0.0	25.0	37.6#

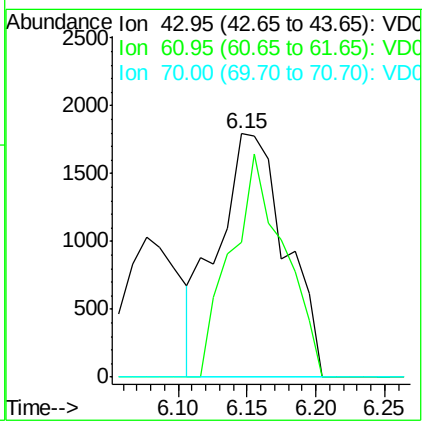


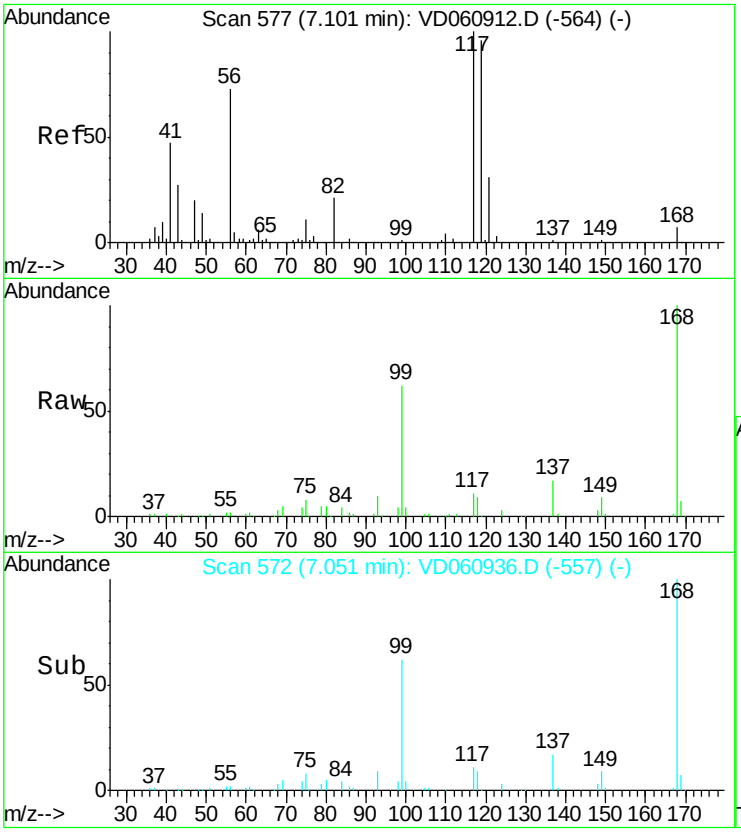


#37
Ethyl Acetate
Concen: 1.436 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 43 Resp: 6149

Ion	Ratio	Lower	Upper
43	100		
61	55.4	12.1	18.1#
70	0.0	7.3	10.9#



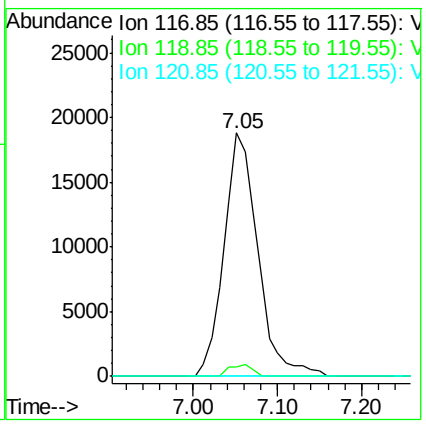


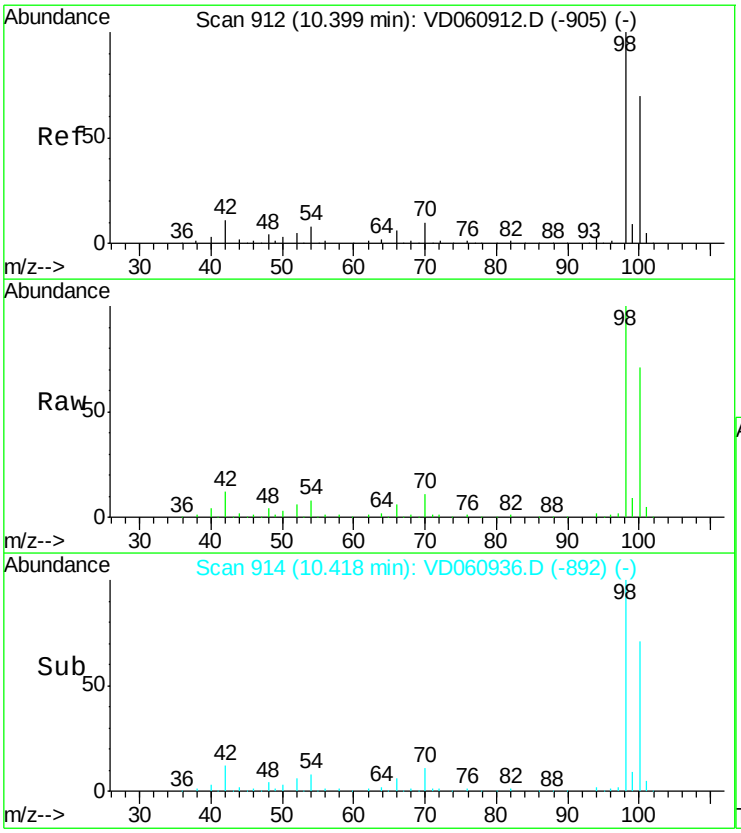
#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Tgt Ion:117 Resp: 52476

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.9	115.3#
121	0.0	24.5	36.7#

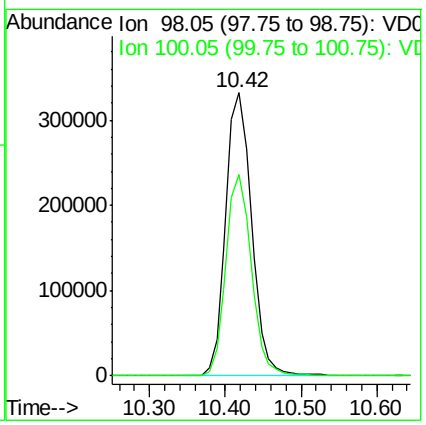


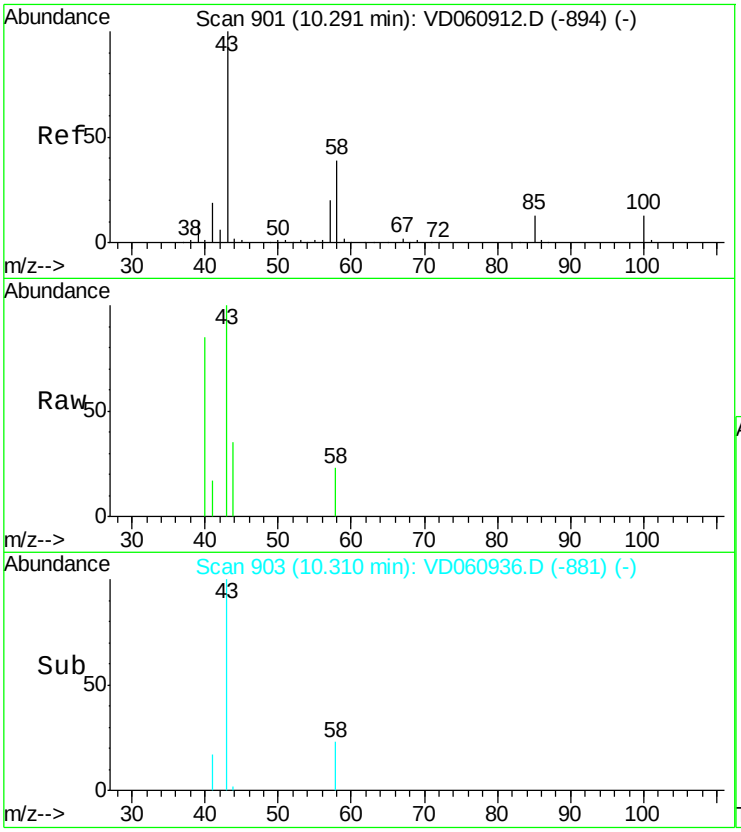


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 98 Resp: 788821

Ion	Ratio	Lower	Upper
98	100		
100	71.1	57.0	85.4



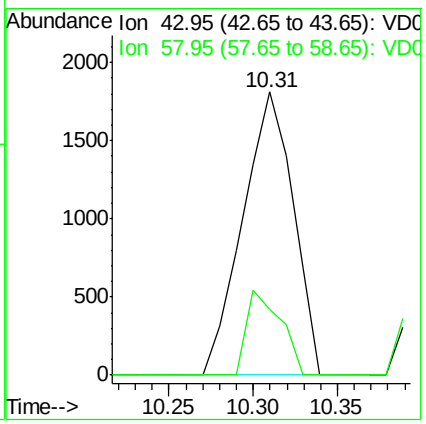


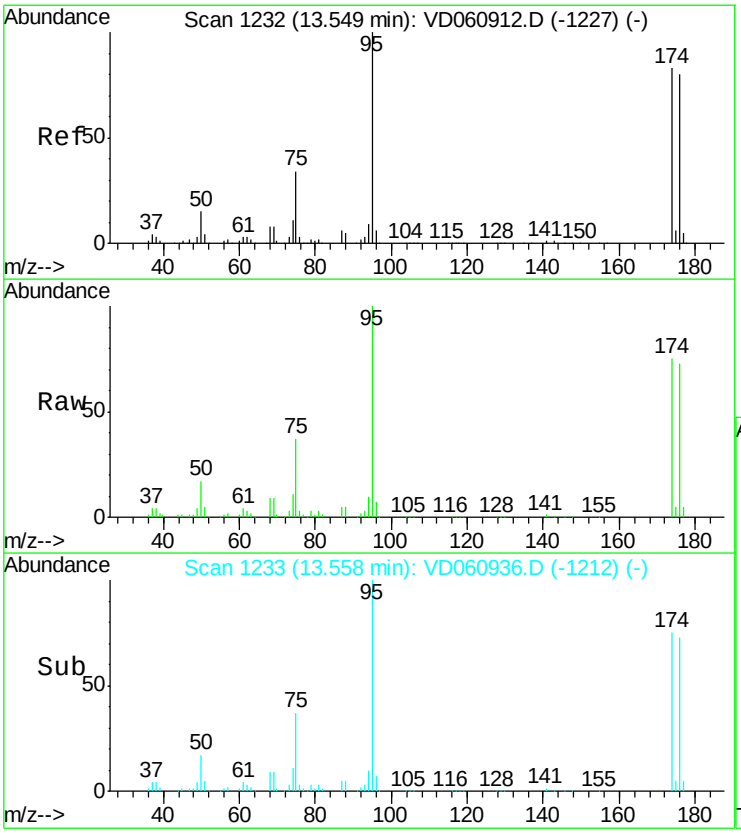
#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.31 min Scan# 903
Delta R.T. 0.02 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument : MSVOA_D
ClientSampleId : SB-B-5-8

Tgt Ion: 43 Resp: 3758

Ion	Ratio	Lower	Upper
43	100		
58	23.3	31.0	46.6#

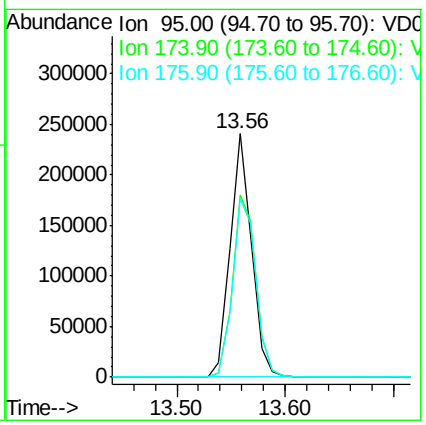


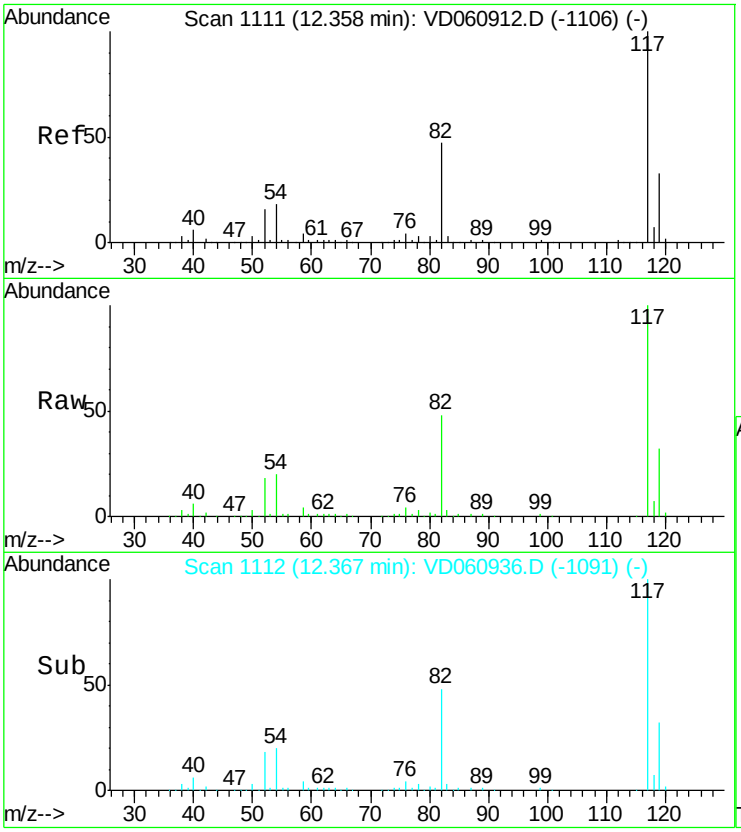


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 95 Resp: 331779

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	165.6
176	73.1	0.0	160.6



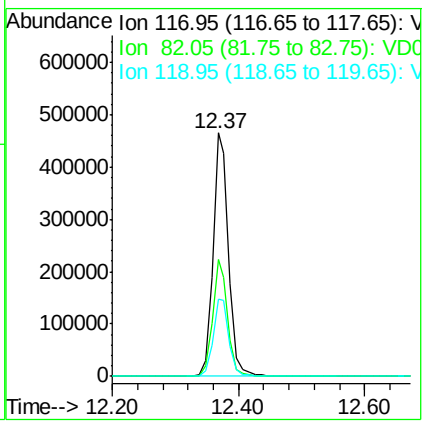


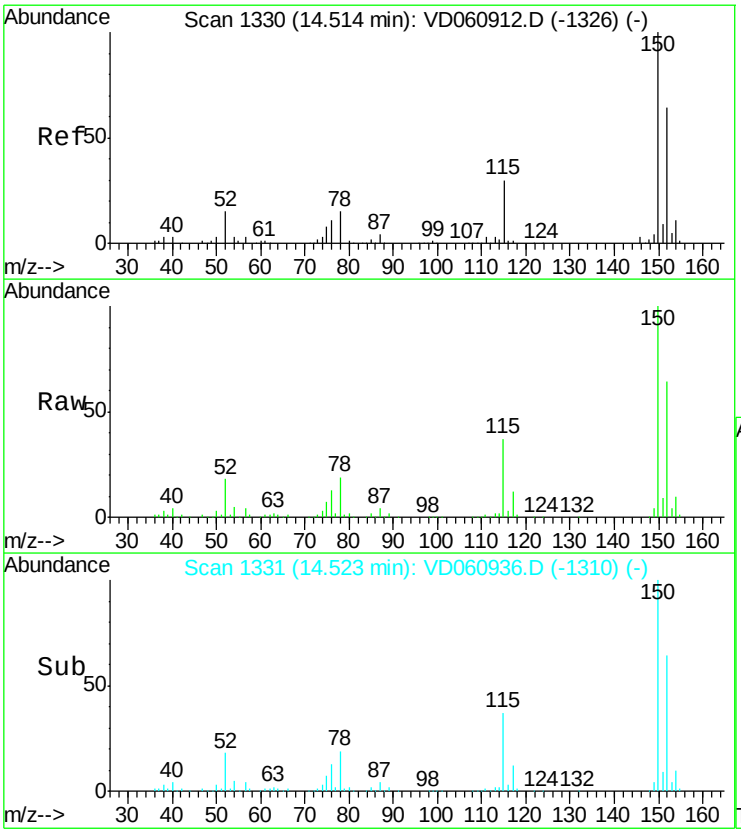
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument : MSVOA_D
ClientSampleId : SB-B-5-8

Tgt Ion:117 Resp: 802659

Ion	Ratio	Lower	Upper
117	100		
82	48.0	37.5	56.3
119	31.6	26.2	39.2

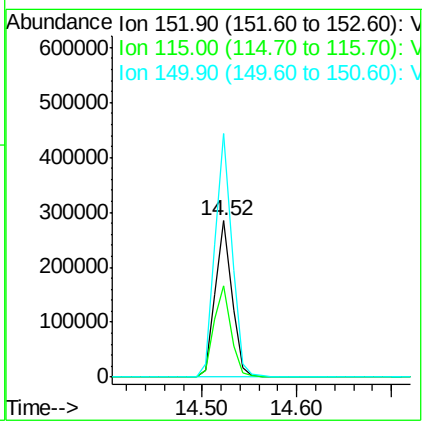


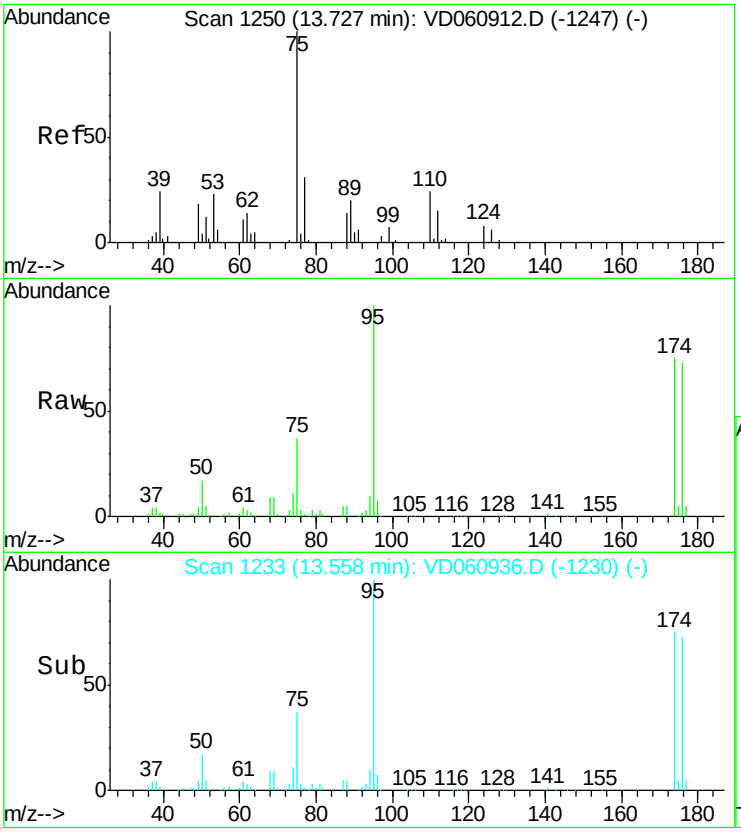


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion:152 Resp: 351749

Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.6	82.8
150	155.6	0.0	312.8



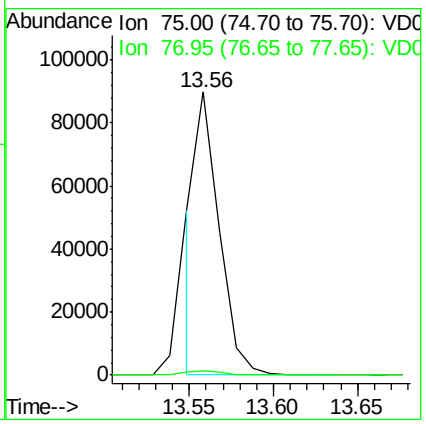


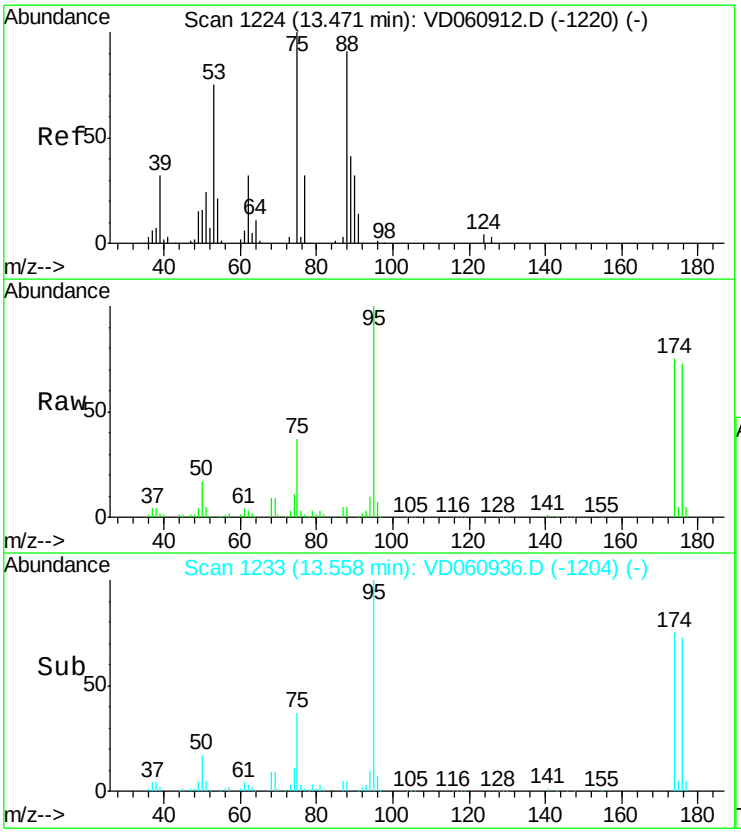
#76
1,2,3-Trichloropropane
Concen: 15.270 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.17 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
SB-B-5-8

Tgt Ion: 75 Resp: 87028

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.2	48.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.943 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD060936.D
Acq: 4 Mar 2019 21:04

Tgt Ion: 75 Resp: 121347

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.8	89.6#
89	0.0	33.0	49.6#