Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102918\
Data File : VD060238.D
Acq On : 29 Oct 2018 19:30
Operator : VA/AP
Sample : J5194-09
Misc : 5.94g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-102618-B

Quant Time: Oct 30 01:44:49 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	6.42	168	1480193	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2056883	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1403847	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	431167	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	652834	58.18	ug/l	0.03
Spiked Amount 50.000			Recovery = 116.36%			
35) Dibromofluoromethane	6.33	113	854299	54.69	ug/l	0.03
Spiked Amount 50.000			Recovery = 109.38%			
50) Toluene-d8	9.47	98	2132968	47.89	ug/l	0.03
Spiked Amount 50.000			Recovery = 95.78%			
62) 4-Bromofluorobenzene	12.43	95	590382	35.40	ug/l	0.01
Spiked Amount 50.000			Recovery = 70.80%			
Target Compounds						Qvalue
8) Diethyl Ether	2.84	74	4334	1.713	ug/l	88
16) Acetone	3.17	43	15647	7.685	ug/l	99
20) Methylene Chloride	3.73	84	86396	1.193	ug/l	98
52) Toluene	9.56	92	151923	4.587	ug/l	100
68) m/p-Xylenes	11.57	106	30568	1.663	ug/l	81

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

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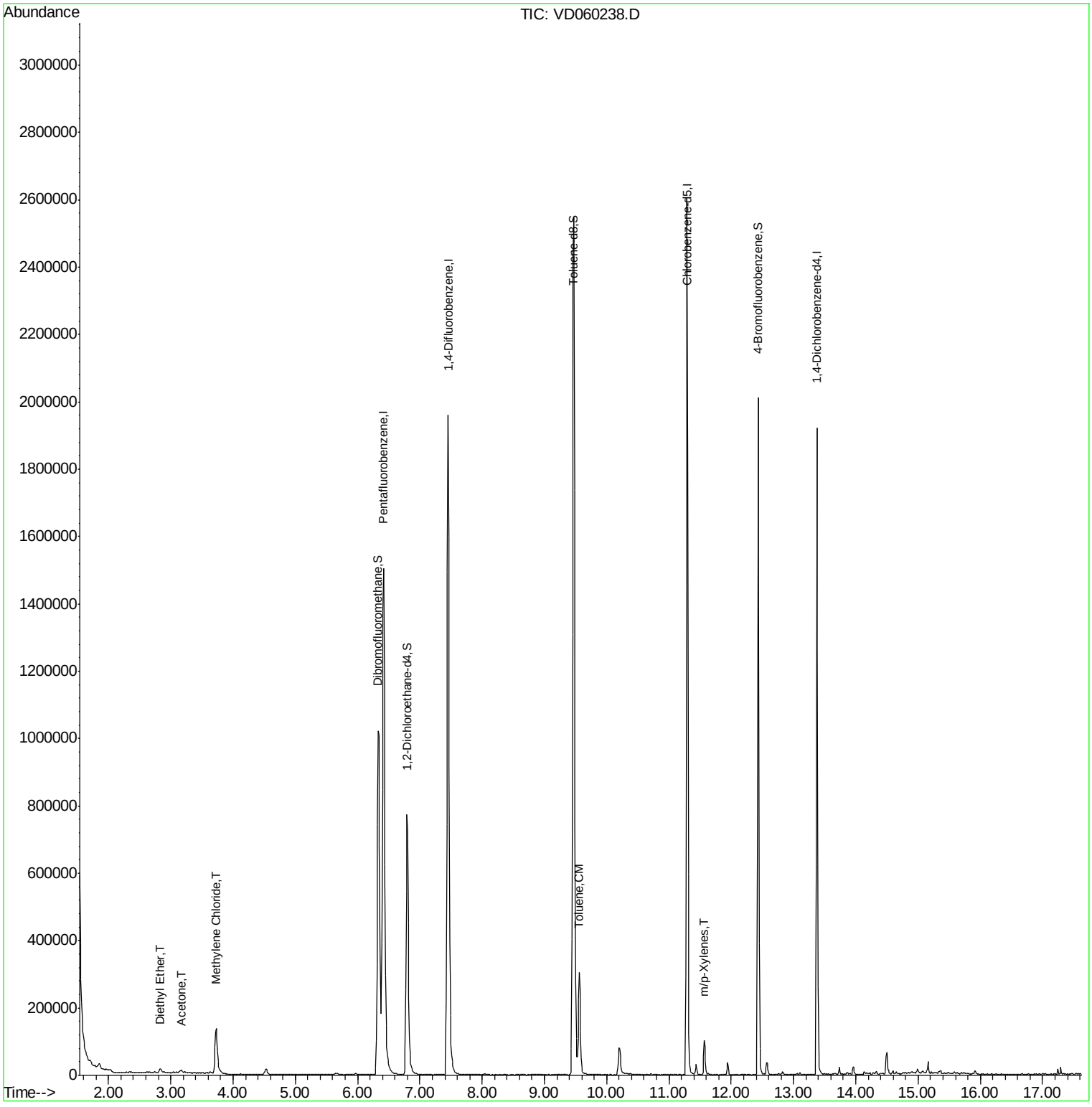
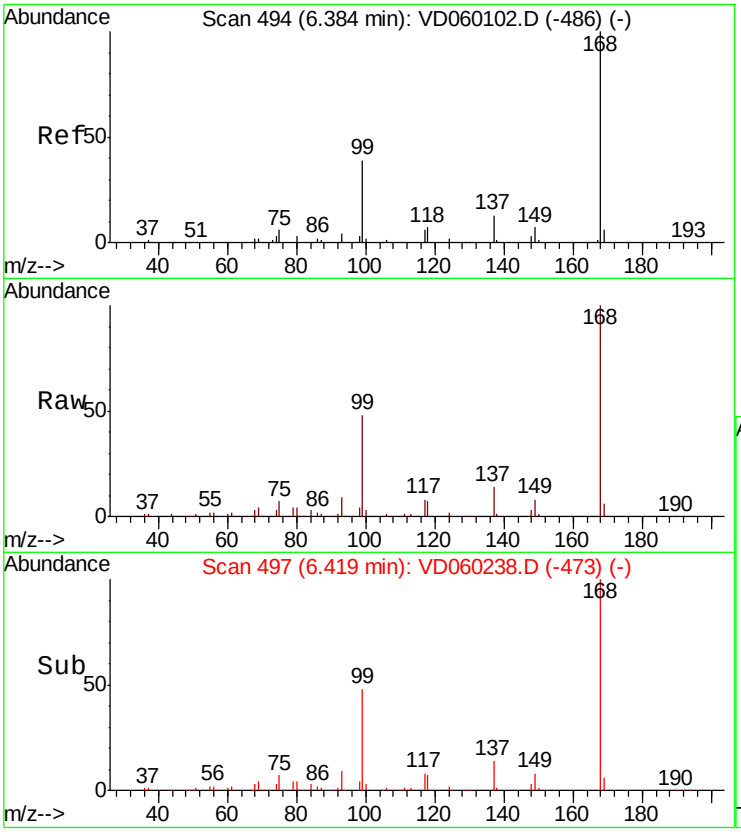


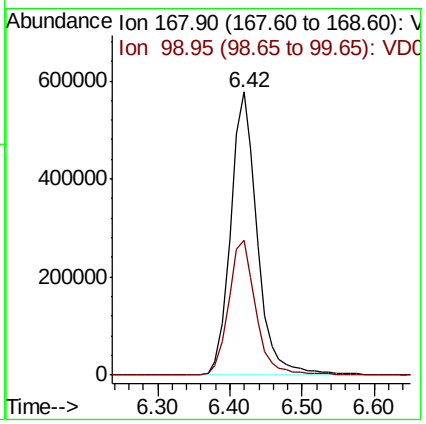


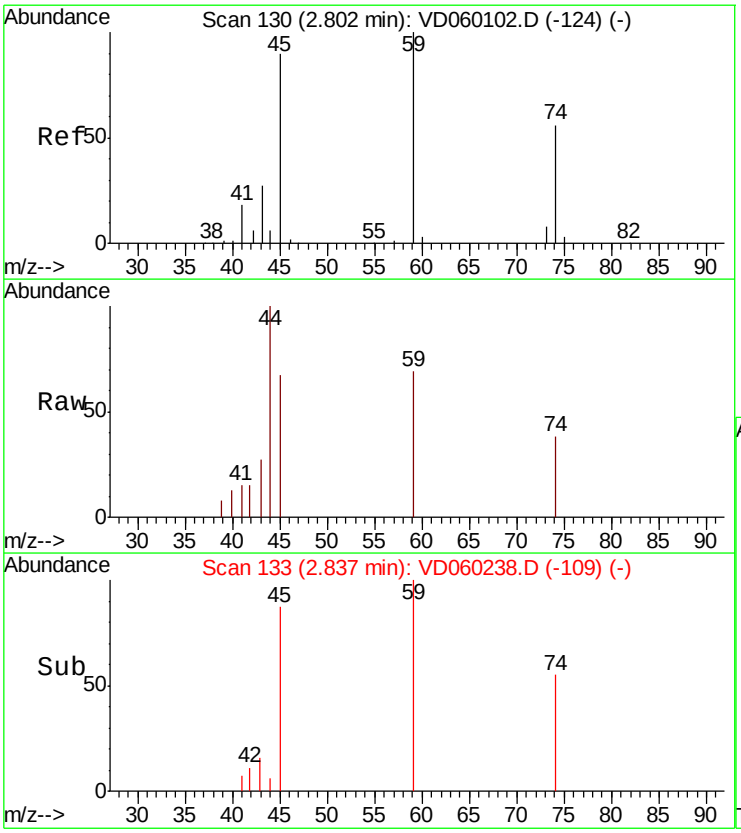
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument :
MSVOA_D
ClientSampleId :
HR-05-102618-B

Tgt Ion:168 Resp: 1480193

Ion	Ratio	Lower	Upper
168	100		
99	47.6	35.4	53.0

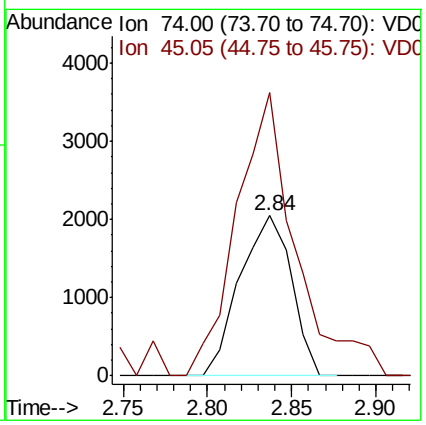


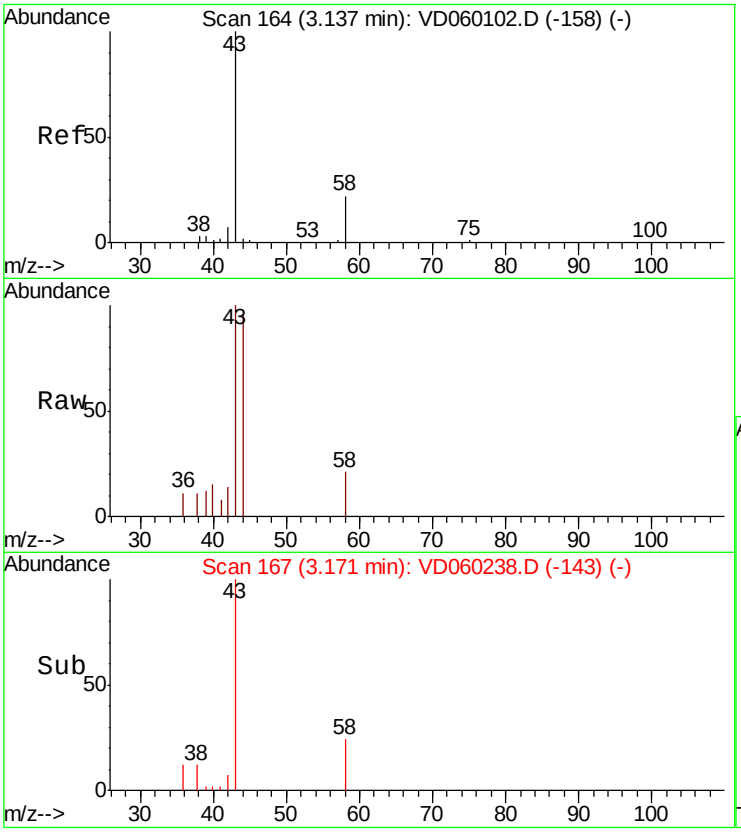


#8
Diethyl Ether
Concen: 1.713 ug/l
RT: 2.84 min Scan# 133
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Tgt Ion: 74 Resp: 4334

Ion	Ratio	Lower	Upper
74	100		
45	176.6	80.3	241.0



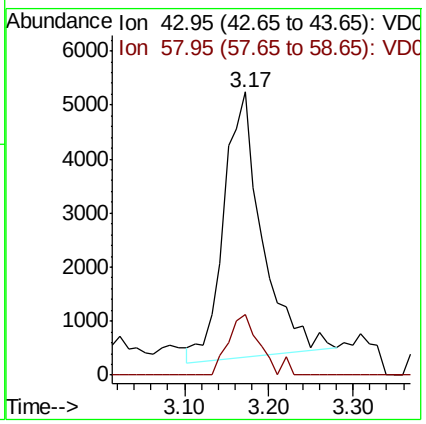


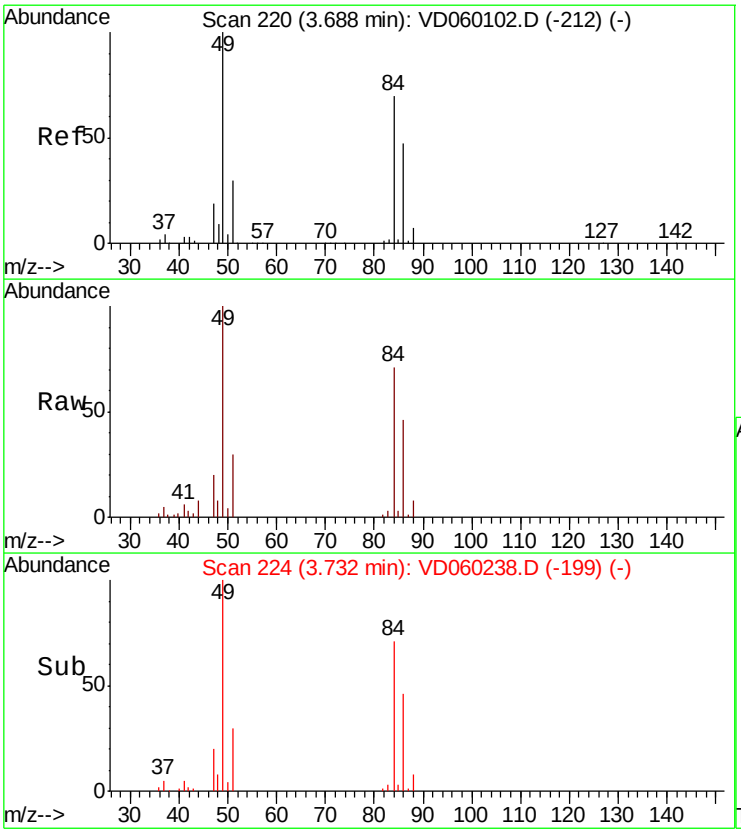
#16
Acetone
Concen: 7.685 ug/l
RT: 3.17 min Scan# 167
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument : MSVOA_D
ClientSampleId : HR-05-102618-B

Tgt Ion: 43 Resp: 15647

Ion	Ratio	Lower	Upper
43	100		
58	21.4	17.7	26.5

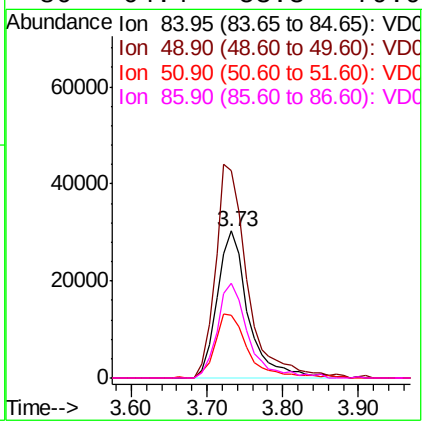


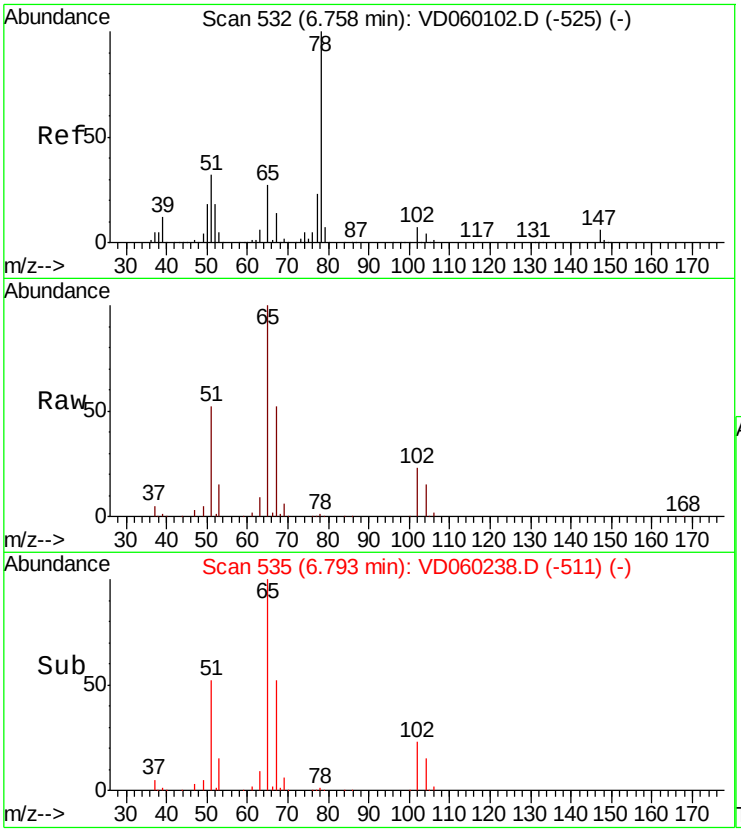


#20
Methylene Chloride
Concen: 1.193 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.05 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Tgt Ion: 84 Resp: 86396

Ion	Ratio	Lower	Upper
84	100		
49	141.0	114.6	172.0
51	42.5	33.8	50.8
86	64.4	53.3	79.9



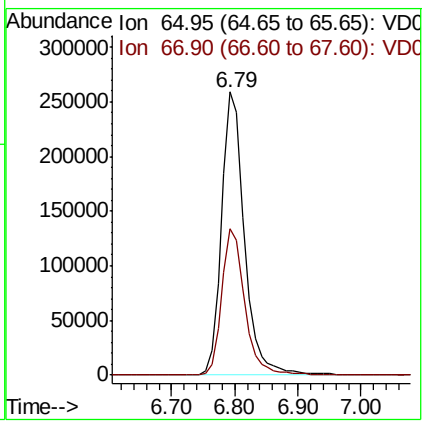


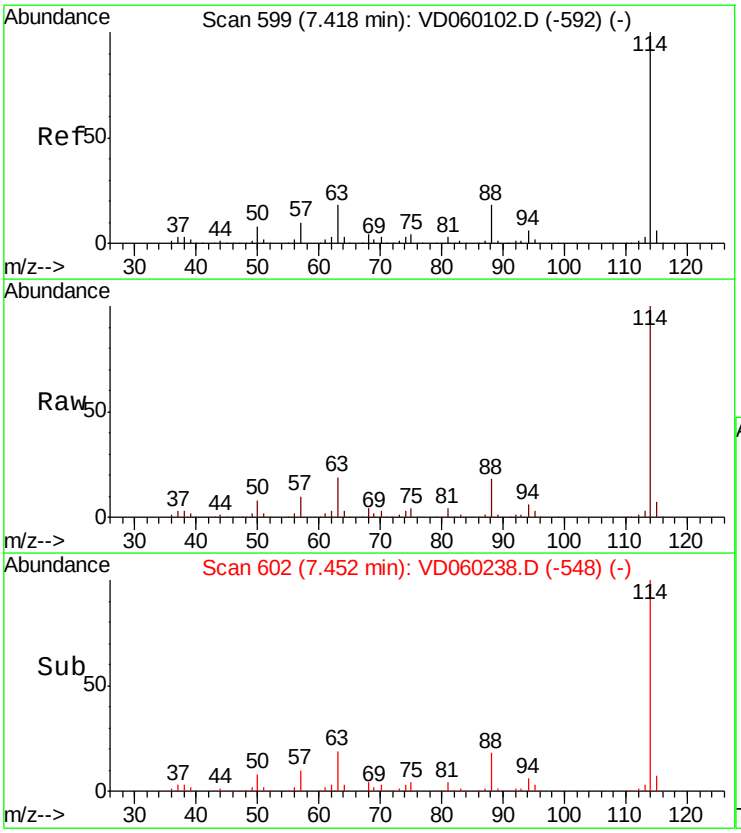
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument : MSVOA_D
ClientSampleId : HR-05-102618-B

Tgt Ion: 65 Resp: 652834

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.2

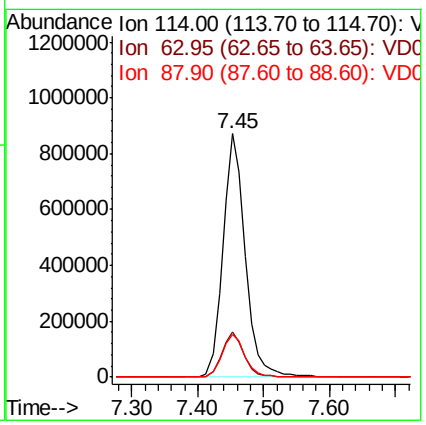


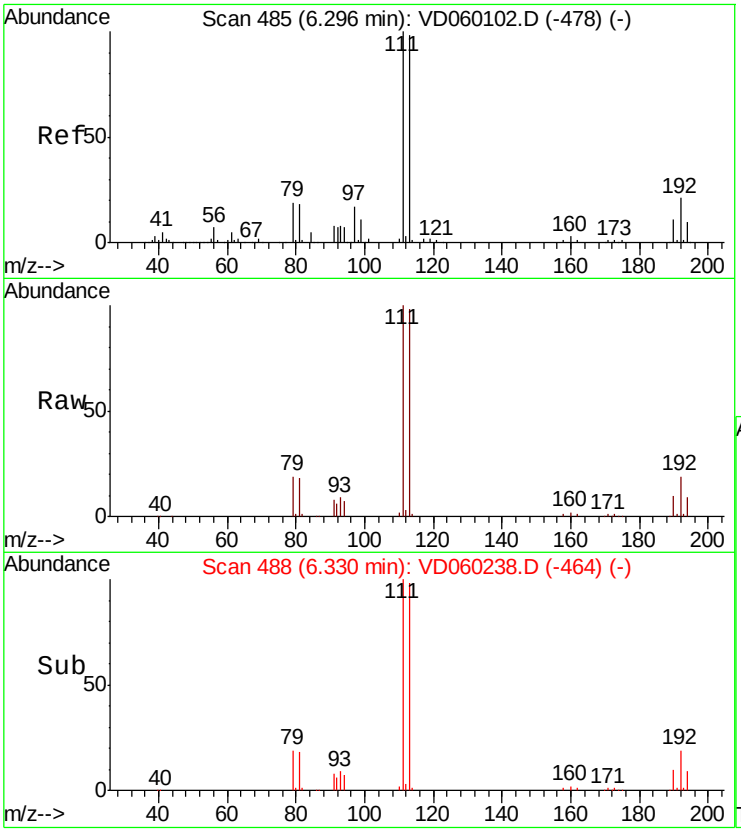


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Tgt Ion:114 Resp: 2056883

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.0
88	17.7	0.0	36.2



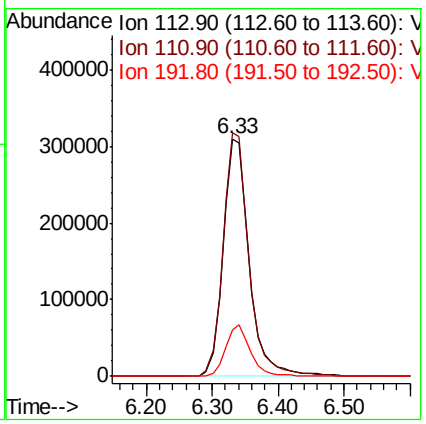


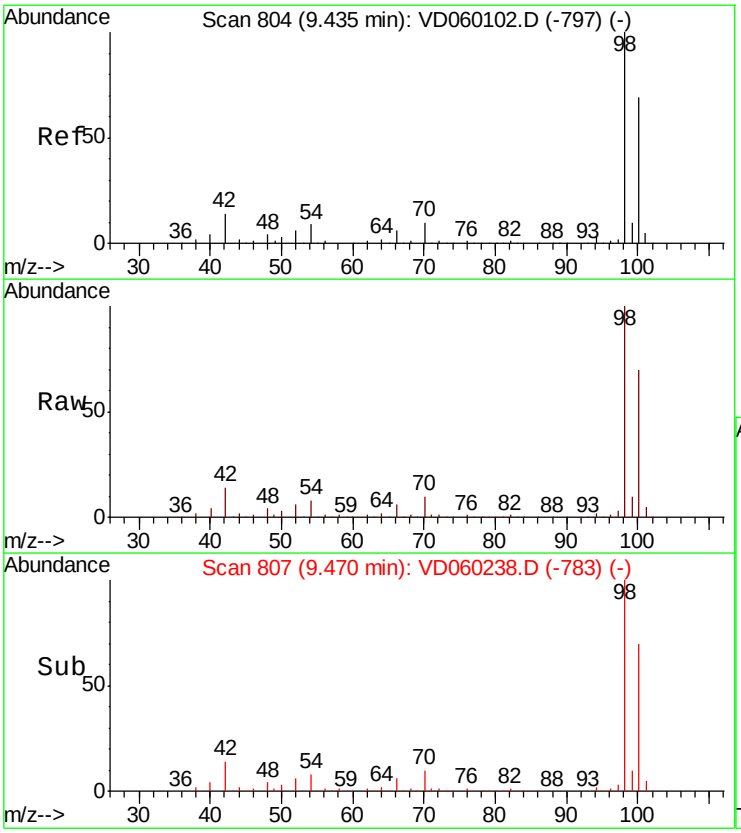
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument :
MSVOA_D
ClientSampleId :
HR-05-102618-B

Tgt Ion:113 Resp: 854299

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	19.7	17.4	26.0

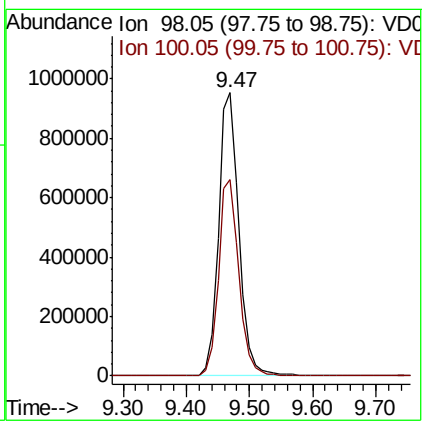


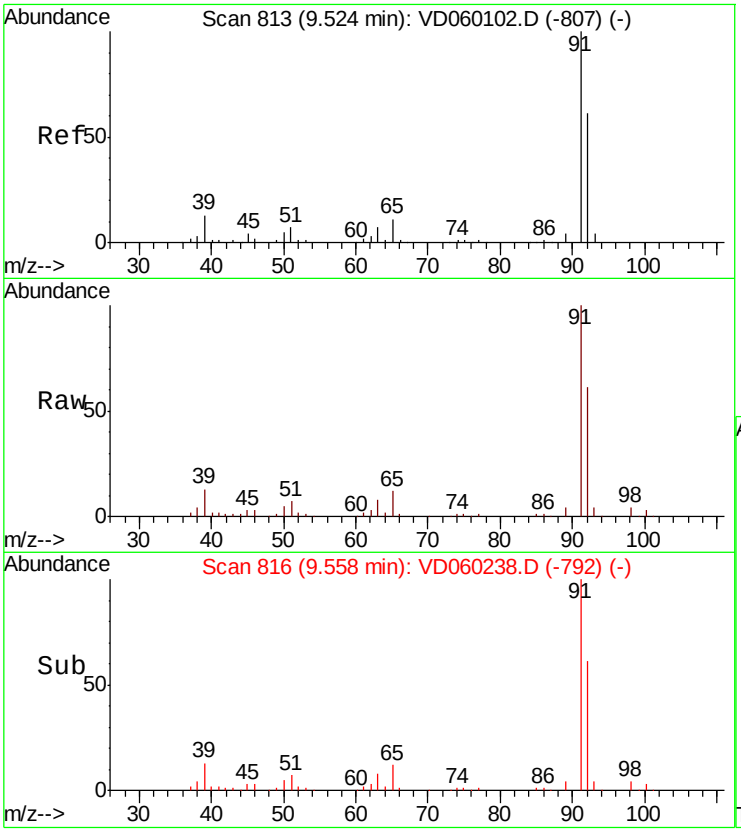


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Tgt Ion: 98 Resp: 2132968

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.4	83.0



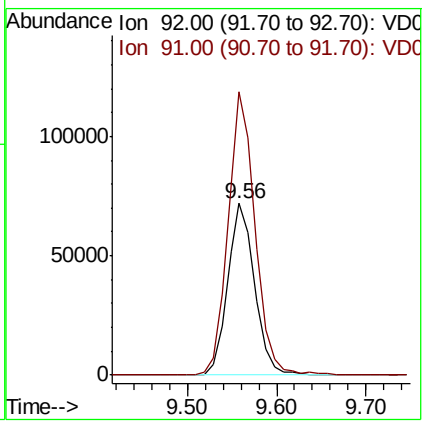


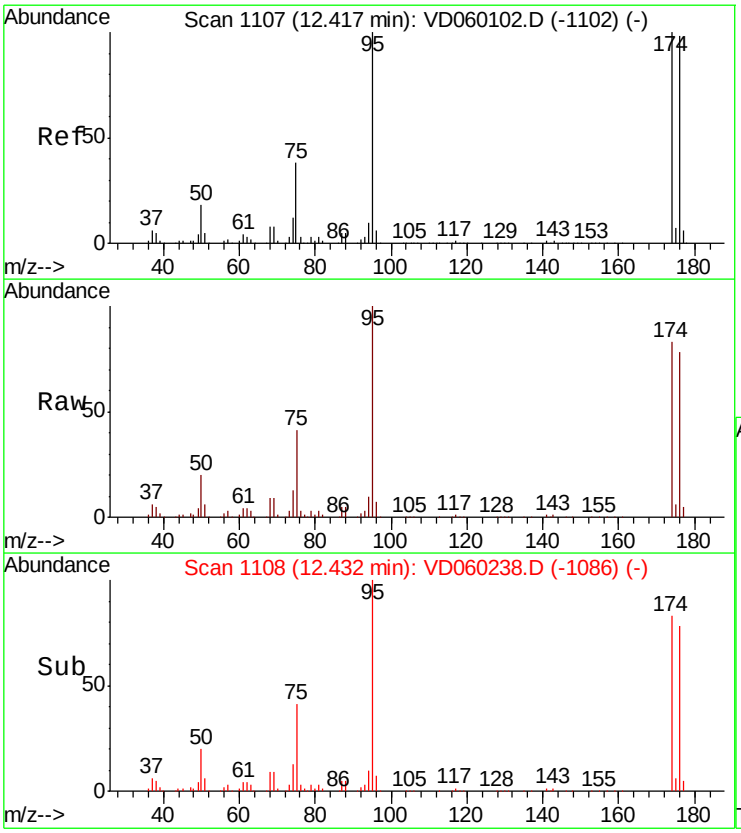
#52
Toluene
Concen: 4.587 ug/l
RT: 9.56 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument : MSVOA_D
ClientSampleId : HR-05-102618-B

Tgt Ion: 92 Resp: 151923

Ion	Ratio	Lower	Upper
92	100		
91	165.1	131.9	197.9

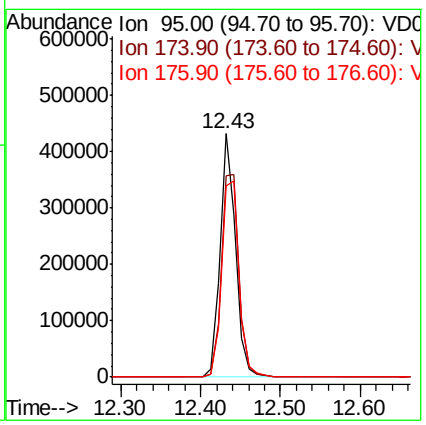


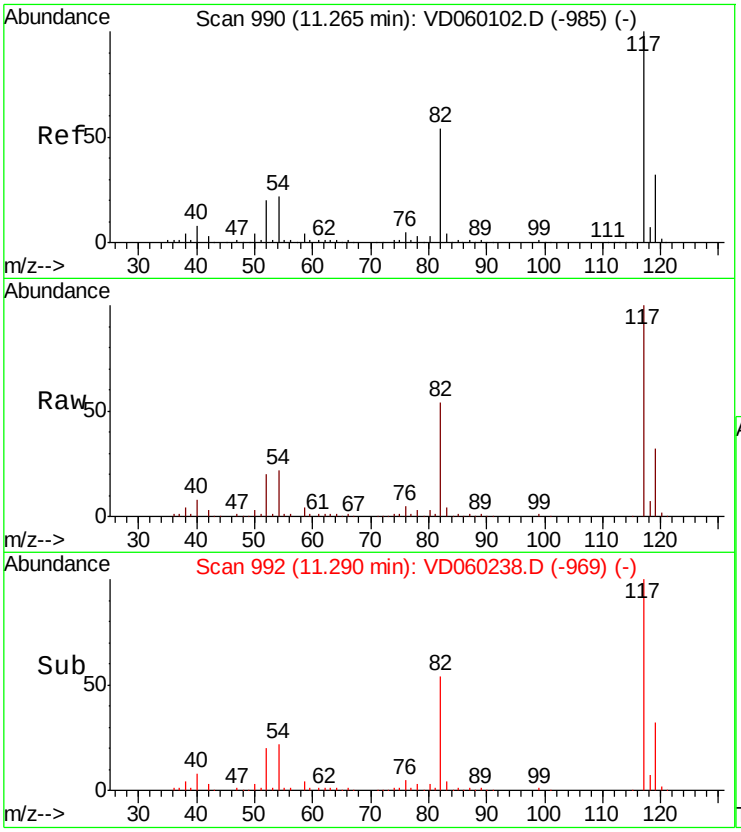


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Tgt Ion: 95 Resp: 590382

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	200.2
176	78.4	0.0	195.6



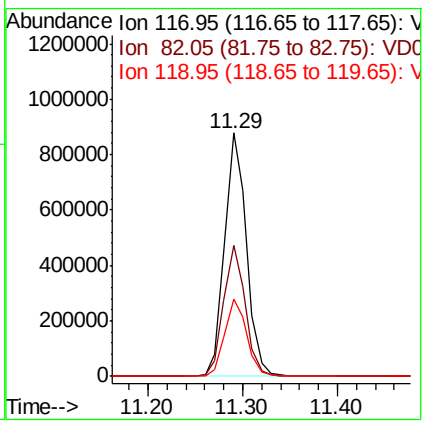


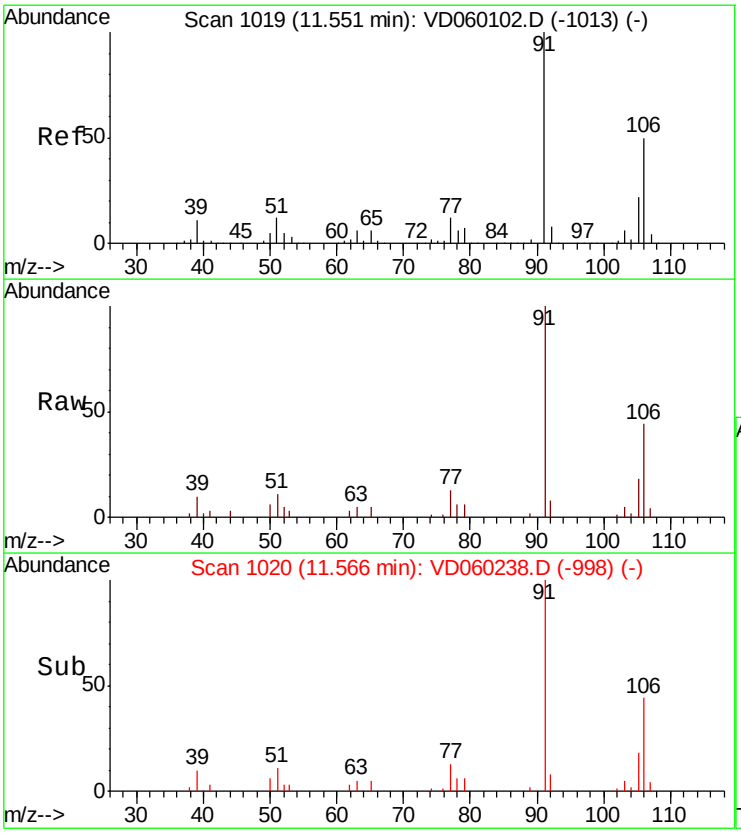
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument : MSVOA_D
ClientSampleId : HR-05-102618-B

Tgt Ion:117 Resp: 1403847

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.2
119	32.0	26.0	39.0

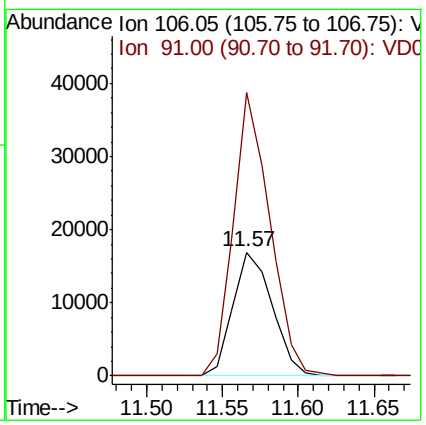


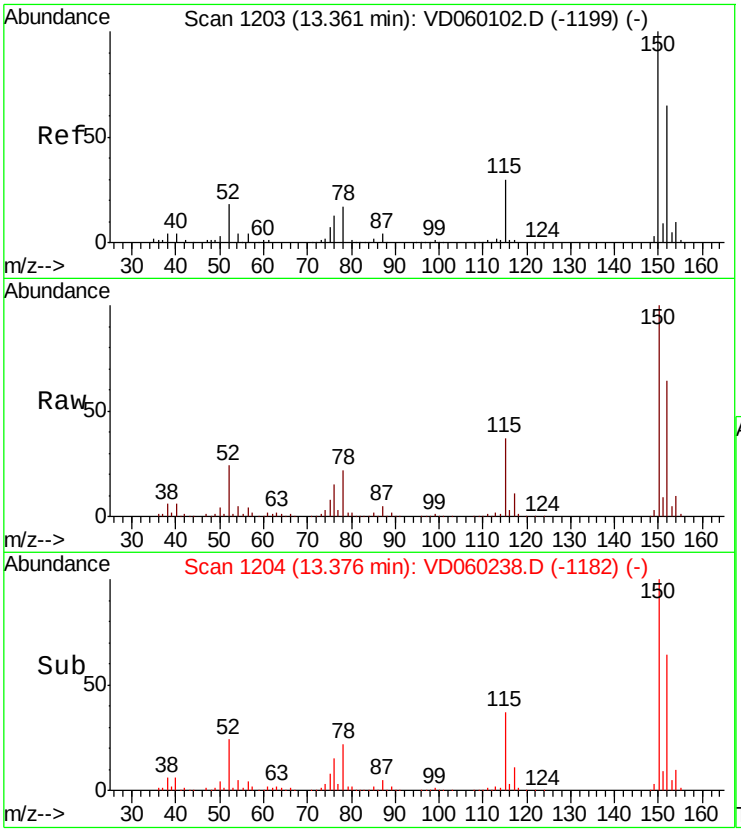


#68
m/p-Xylenes
Concen: 1.663 ug/l
RT: 11.57 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Tgt Ion:106 Resp: 30568

Ion	Ratio	Lower	Upper
106	100		
91	229.1	160.0	240.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060238.D
Acq: 29 Oct 2018 19:30

Instrument :
MSVOA_D
ClientSampleId :
HR-05-102618-B

Tgt Ion:152 Resp: 431167

Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.1	81.2
150	155.6	0.0	311.8