Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
Data File : VD060610.D
Acq On : 17 Dec 2018 20:17
Operator : VA/AP
Sample : J6445-05
Misc : 5.33g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EB02_12-14

Quant Time: Dec 18 13:42:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1367166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1896839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1595656	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	823917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	494167	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.00%			
35) Dibromofluoromethane	6.34	113	671293	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.36%			
50) Toluene-d8	9.47	98	1918875	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.18%			
62) 4-Bromofluorobenzene	12.44	95	687074	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.26%			
Target Compounds						Qvalue
8) Diethyl Ether	2.84	74	5116	2.288	ug/l	85
16) Acetone	3.18	43	35405	22.794	ug/l #	87
20) Methylene Chloride	3.74	84	201972	10.640	ug/l	97
52) Toluene	9.56	92	176120	5.947	ug/l	97

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

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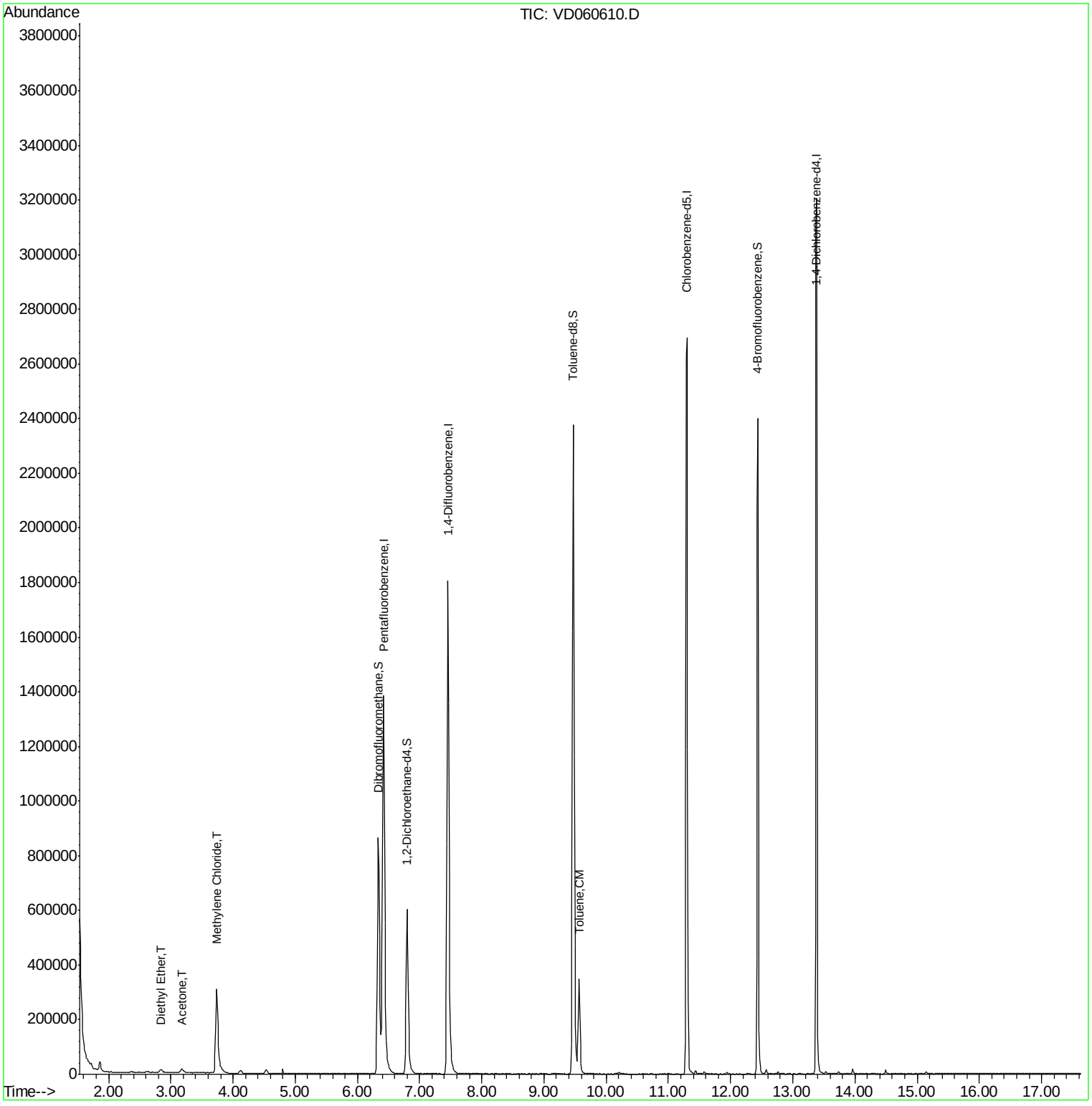
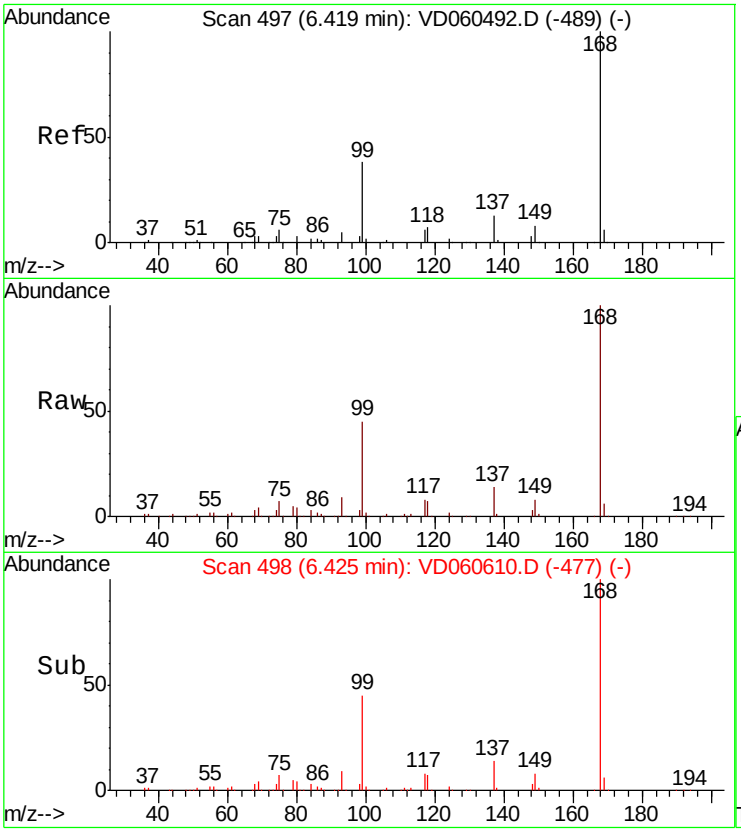


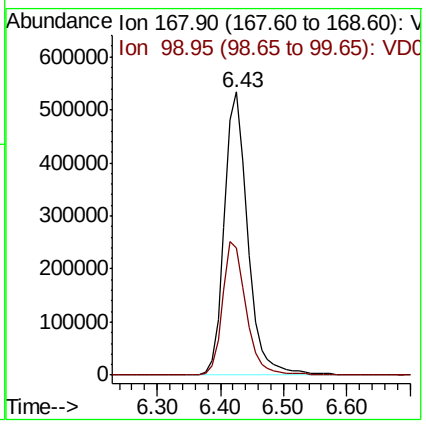


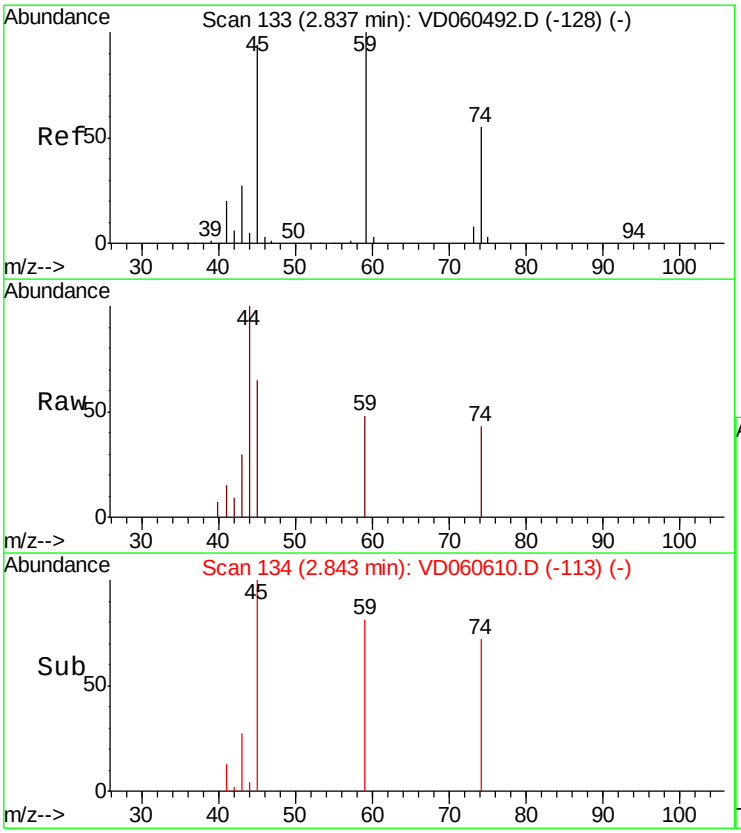
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.43 min Scan# 498
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Instrument : MSVOA_D
ClientSampleId : EB02_12-14

Tgt Ion:168 Resp: 1367166

Ion	Ratio	Lower	Upper
168	100		
99	44.7	35.6	53.4

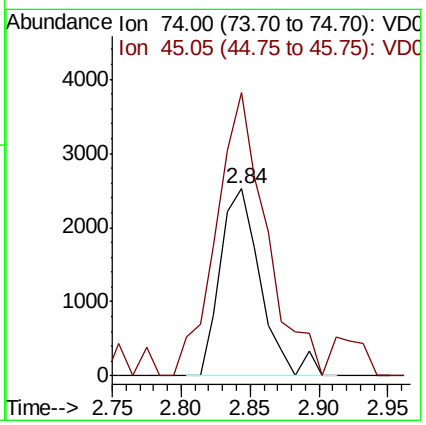


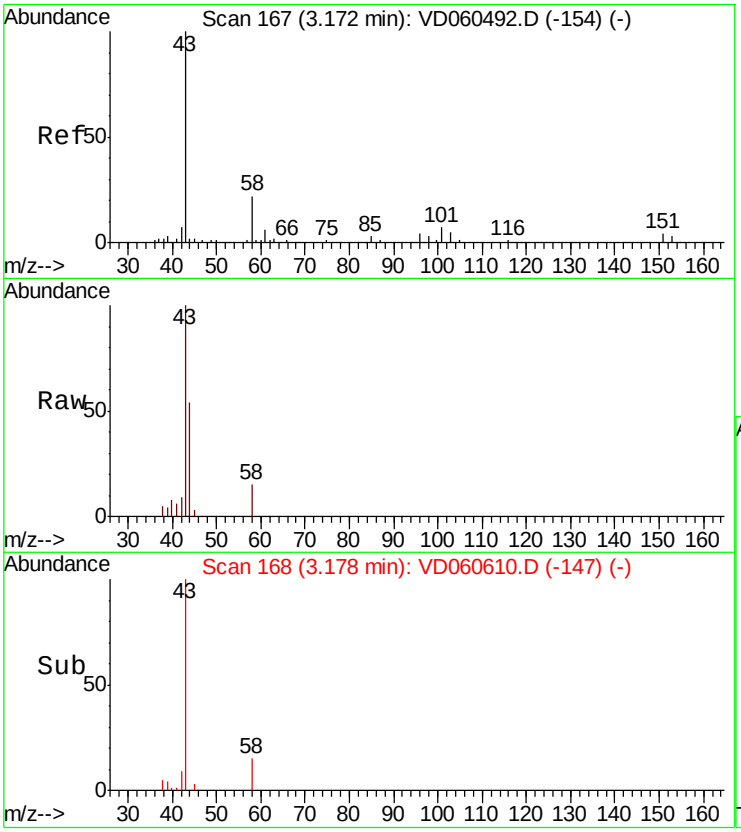


#8
Diethyl Ether
Concen: 2.288 ug/l
RT: 2.84 min Scan# 134
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Tgt Ion: 74 Resp: 5116

Ion	Ratio	Lower	Upper
74	100		
45	151.6	86.0	258.0



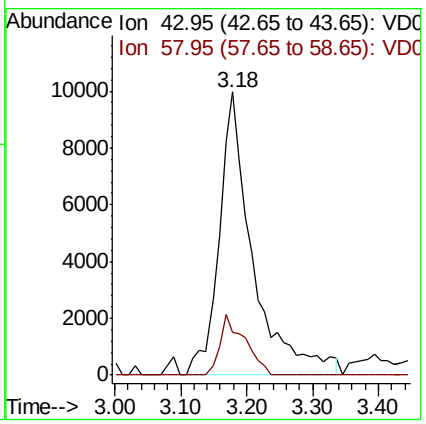


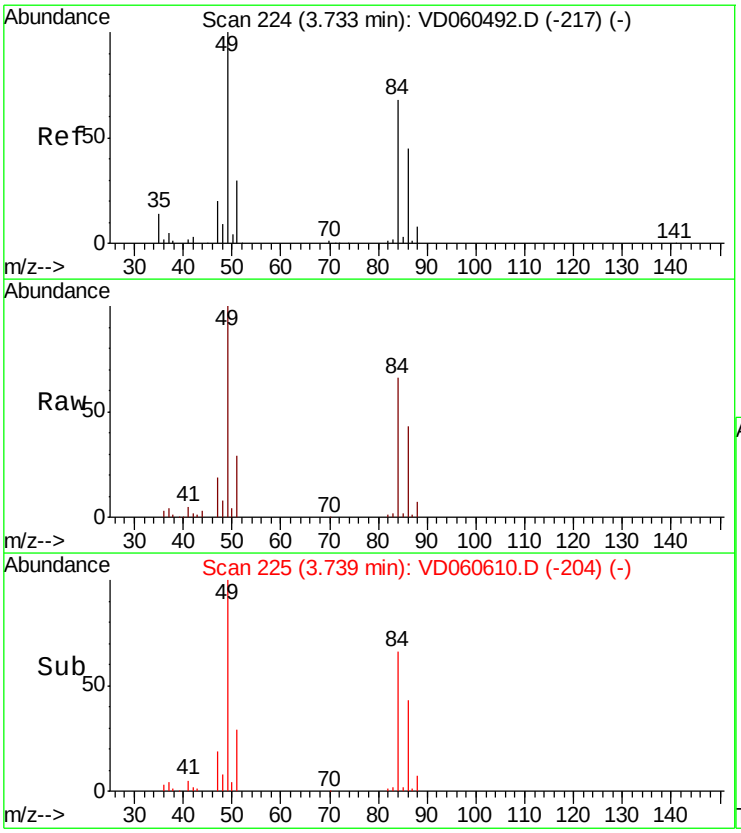
#16
Acetone
Concen: 22.794 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Instrument : MSVOA_D
ClientSampleId : EB02_12-14

Tgt Ion: 43 Resp: 35405

Ion	Ratio	Lower	Upper
43	100		
58	15.2	17.3	25.9#

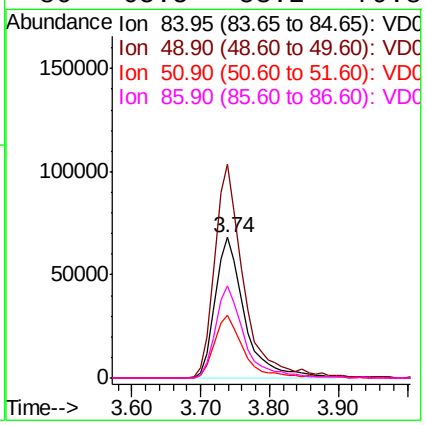


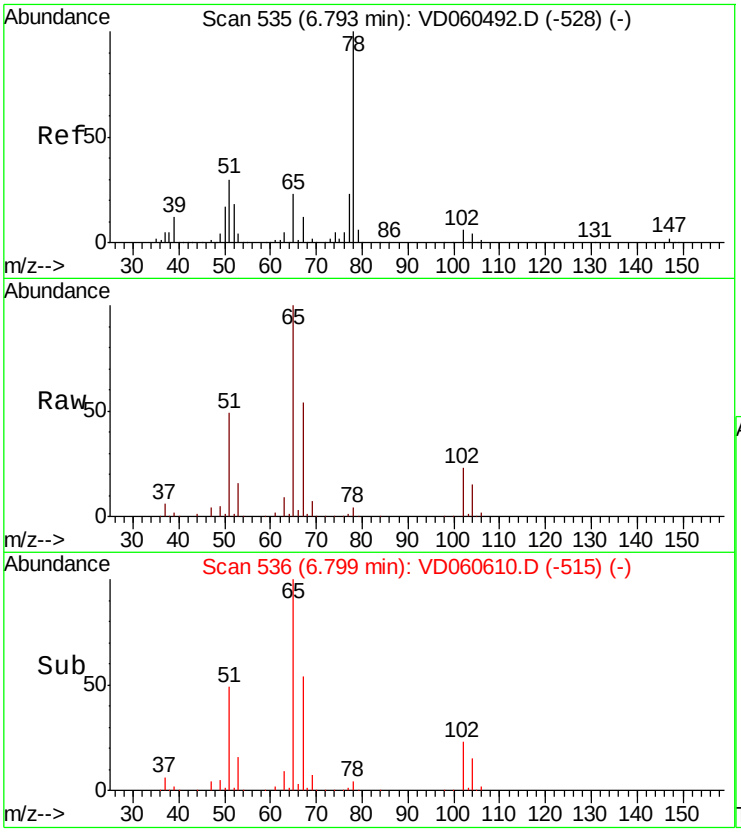


#20
Methylene Chloride
Concen: 10.640 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Tgt Ion: 84 Resp: 201972

Ion	Ratio	Lower	Upper
84	100		
49	151.9	117.2	175.8
51	44.5	35.3	52.9
86	65.5	53.2	79.8



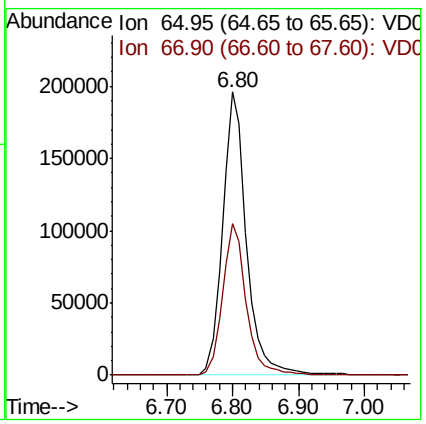


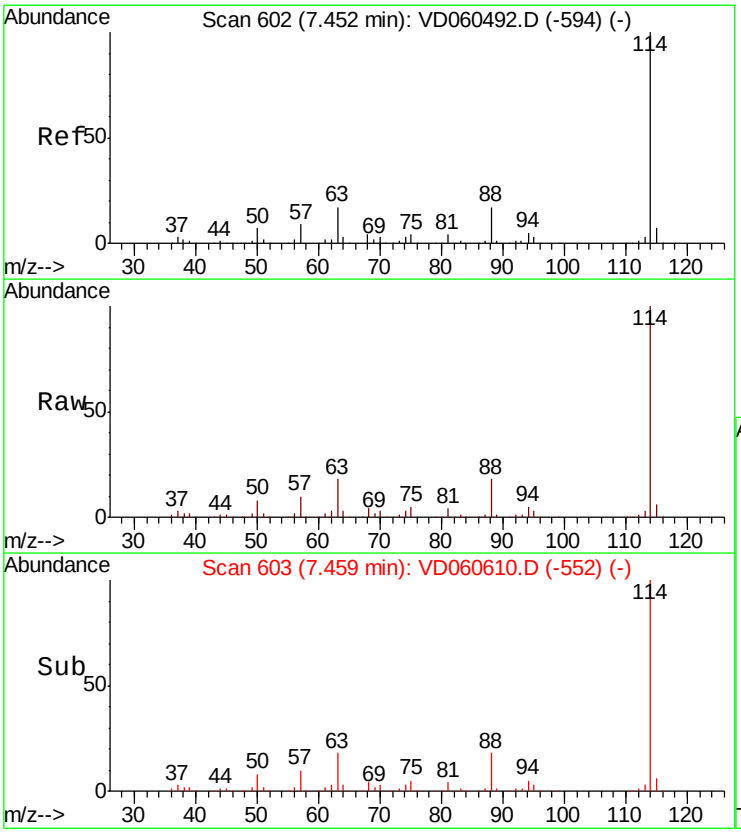
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Instrument : MSVOA_D
ClientSampleId : EB02_12-14

Tgt Ion: 65 Resp: 494167

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

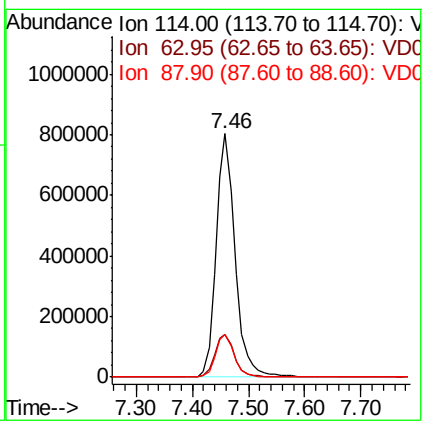


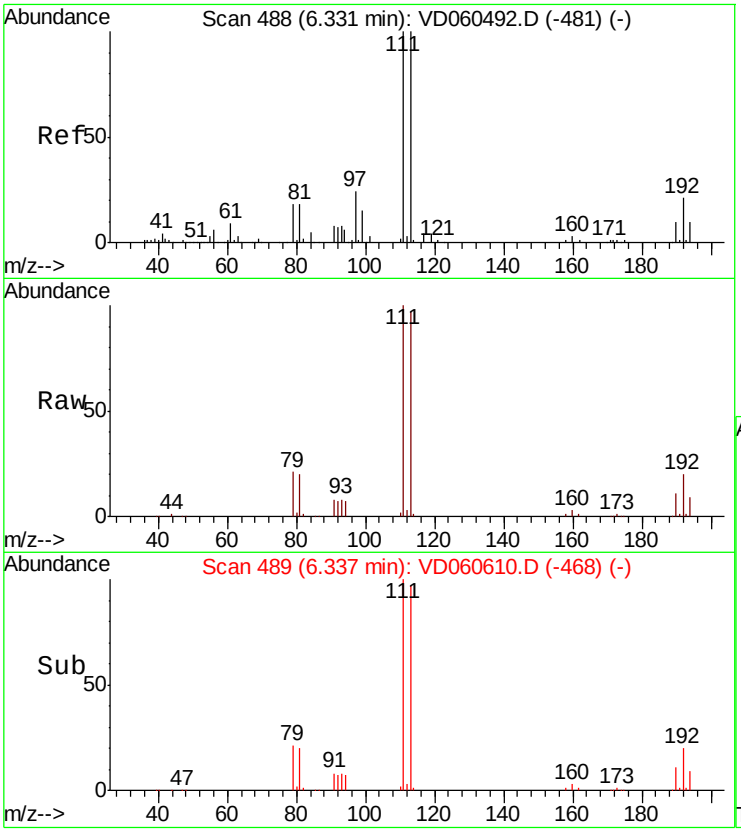


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Tgt Ion:114 Resp: 1896839

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.2
88	17.8	0.0	35.0



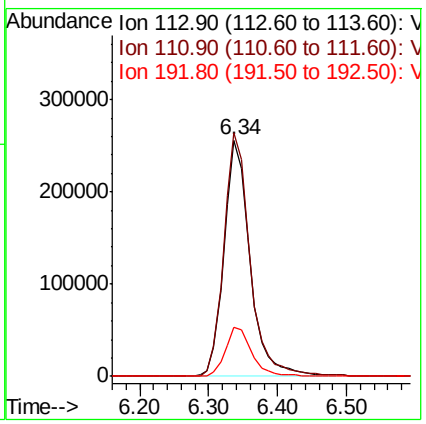


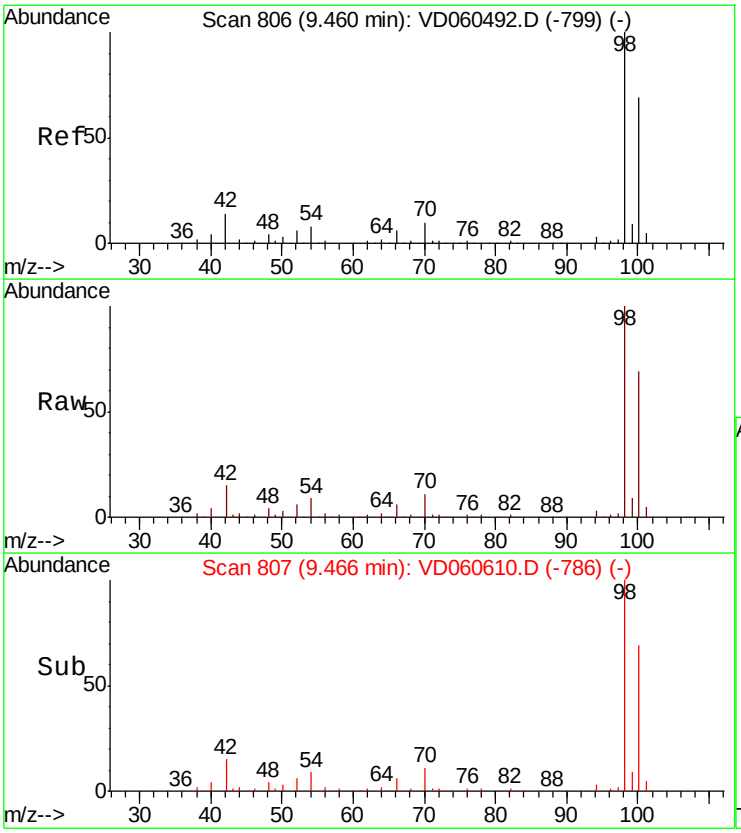
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 489
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Instrument :
MSVOA_D
ClientSampleId :
EB02_12-14

Tgt Ion:113 Resp: 671293

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.2	120.4
192	20.7	16.6	24.8

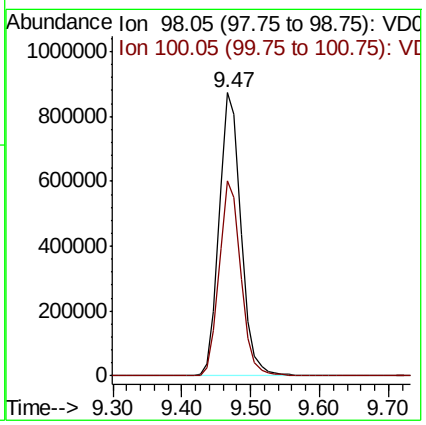


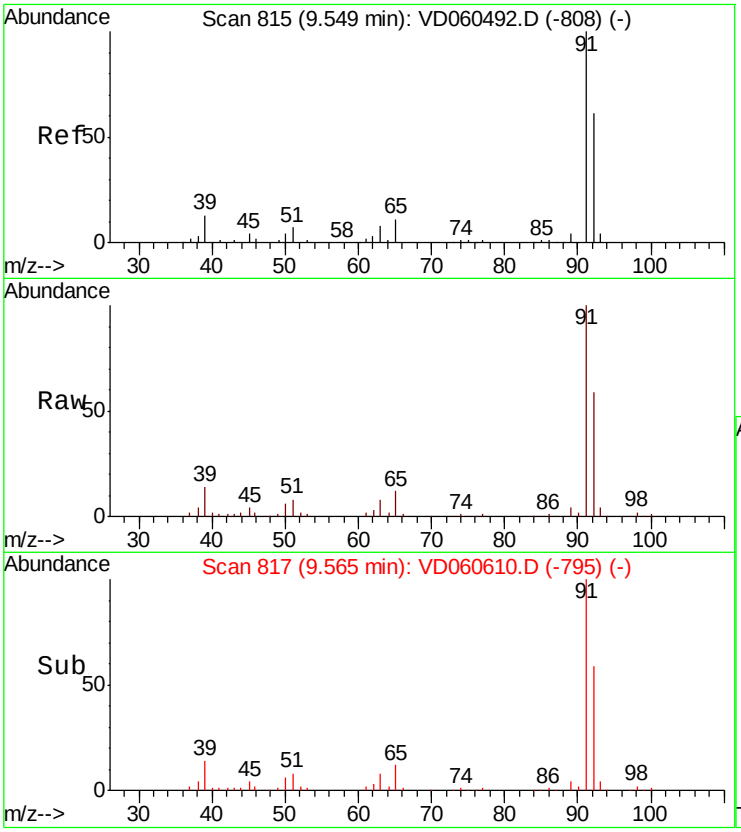


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Tgt Ion: 98 Resp: 1918875

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.7	83.5



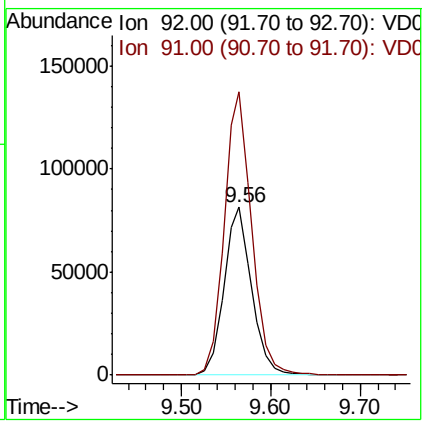


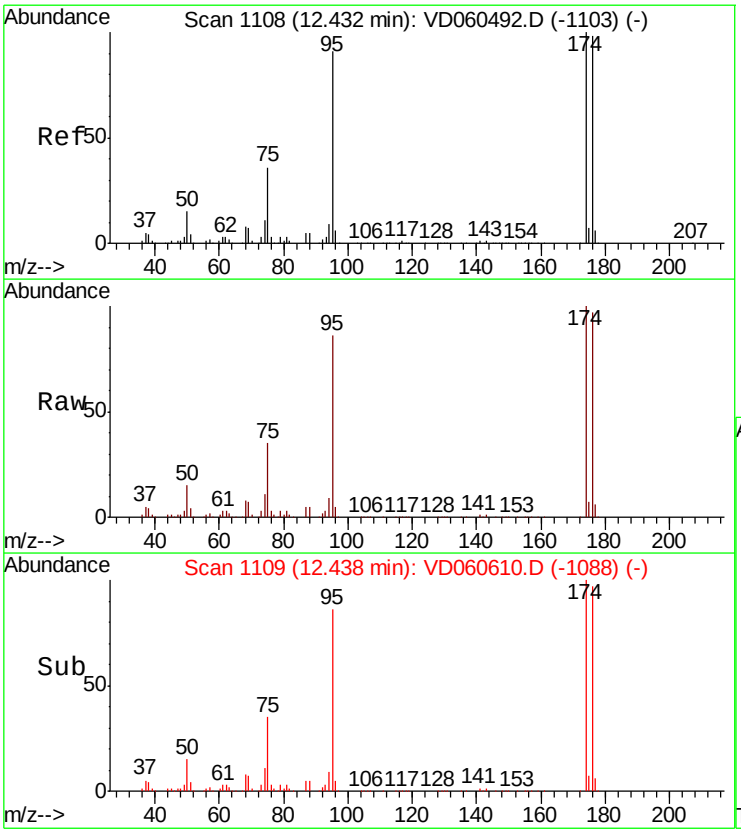
#52
Toluene
Concen: 5.947 ug/l
RT: 9.56 min Scan# 817
Delta R.T. 0.02 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Instrument : MSVOA_D
ClientSampleId : EB02_12-14

Tgt Ion: 92 Resp: 176120

Ion	Ratio	Lower	Upper
92	100		
91	168.5	131.7	197.5

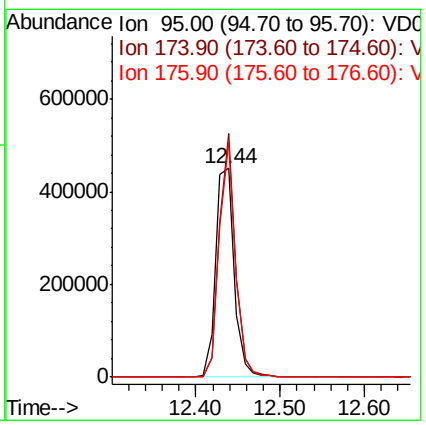


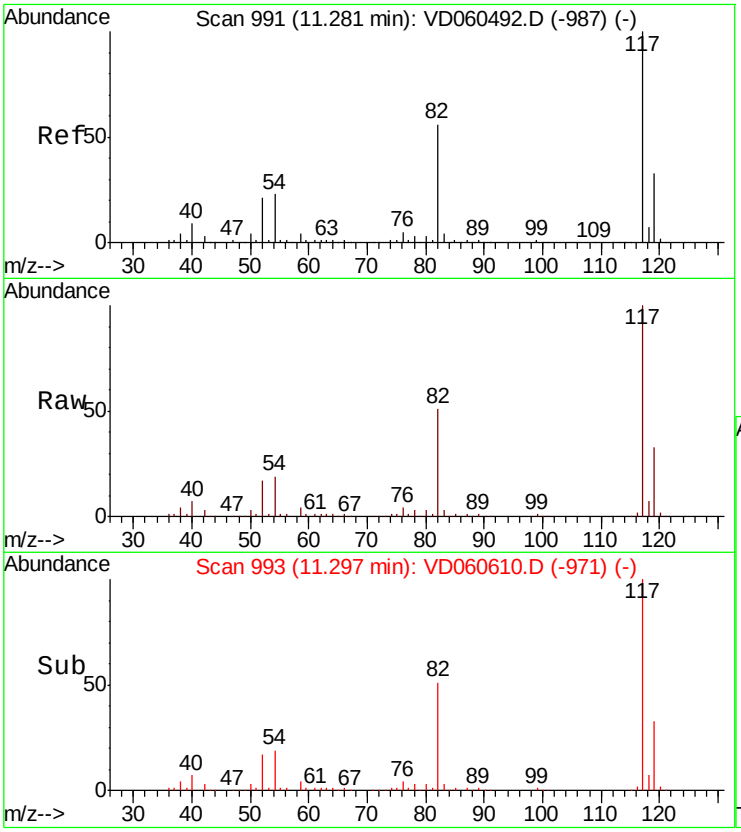


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Tgt Ion: 95 Resp: 687074

Ion	Ratio	Lower	Upper
95	100		
174	116.6	0.0	219.4
176	112.6	0.0	214.6



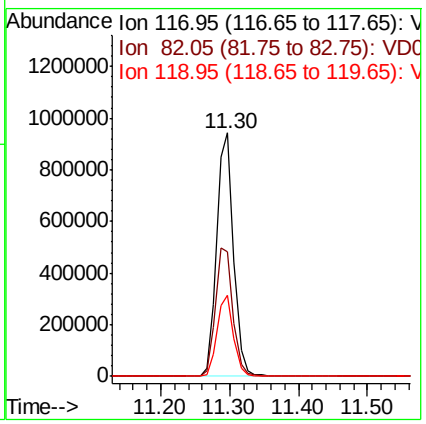


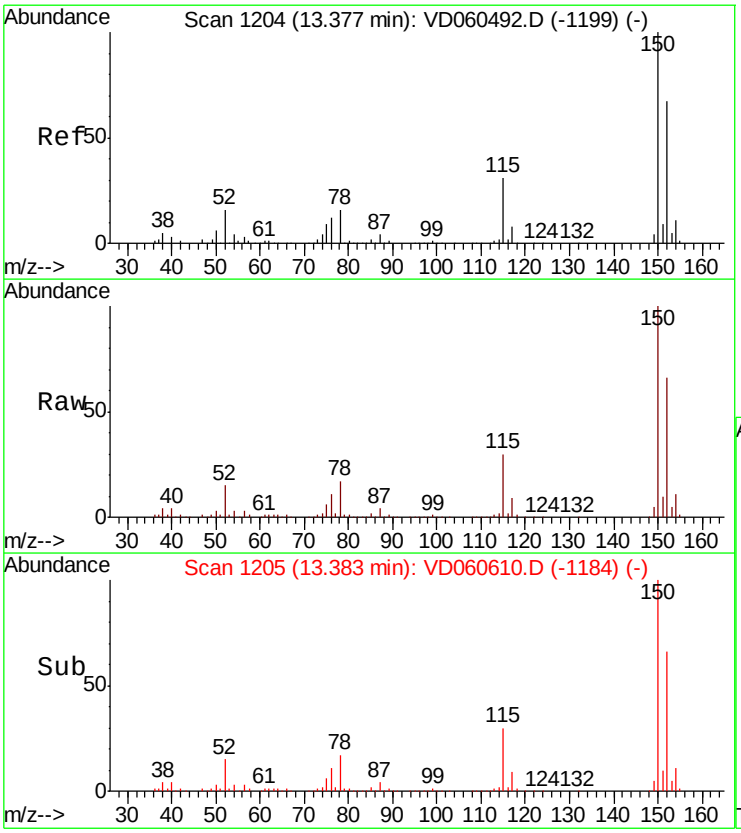
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.02 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Instrument : MSVOA_D
ClientSampleId : EB02_12-14

Tgt Ion:117 Resp: 1595656

Ion	Ratio	Lower	Upper
117	100		
82	51.1	45.2	67.8
119	33.1	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.01 min
Lab File: VD060610.D
Acq: 17 Dec 2018 20:17

Tgt Ion:152 Resp: 823917

Ion	Ratio	Lower	Upper
152	100		
115	45.5	24.6	74.0
150	152.6	0.0	309.0