Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121218\
Data File : VD060550.D
Acq On : 12 Dec 2018 16:42
Operator : VA/AP
Sample : J6194-05
Misc : 6.64/g5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OK-03-121118

Quant Time: Dec 13 00:57:10 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	6.40	168	1404248	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2019880	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1443136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	593966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	486948	48.92	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.84%			
35) Dibromofluoromethane	6.32	113	663072	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.38%			
50) Toluene-d8	9.44	98	1692849	39.43	ug/l	-0.02
Spiked Amount 50.000			Recovery = 78.86%			
62) 4-Bromofluorobenzene	12.42	95	556496	36.22	ug/l	-0.02
Spiked Amount 50.000			Recovery = 72.44%			
Target Compounds						Qvalue
16) Acetone	3.16	43	78346	49.107	ug/l	97
18) Methyl Acetate	3.56	43	17914	4.724	ug/l	99
20) Methylene Chloride	3.73	84	214455	11.165	ug/l	96
52) Toluene	9.54	92	74639	2.367	ug/l	92
73) Isopropylbenzene	12.26	105	59476	1.415	ug/l #	69
95) Naphthalene	14.96	128	153616	10.104	ug/l	98

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

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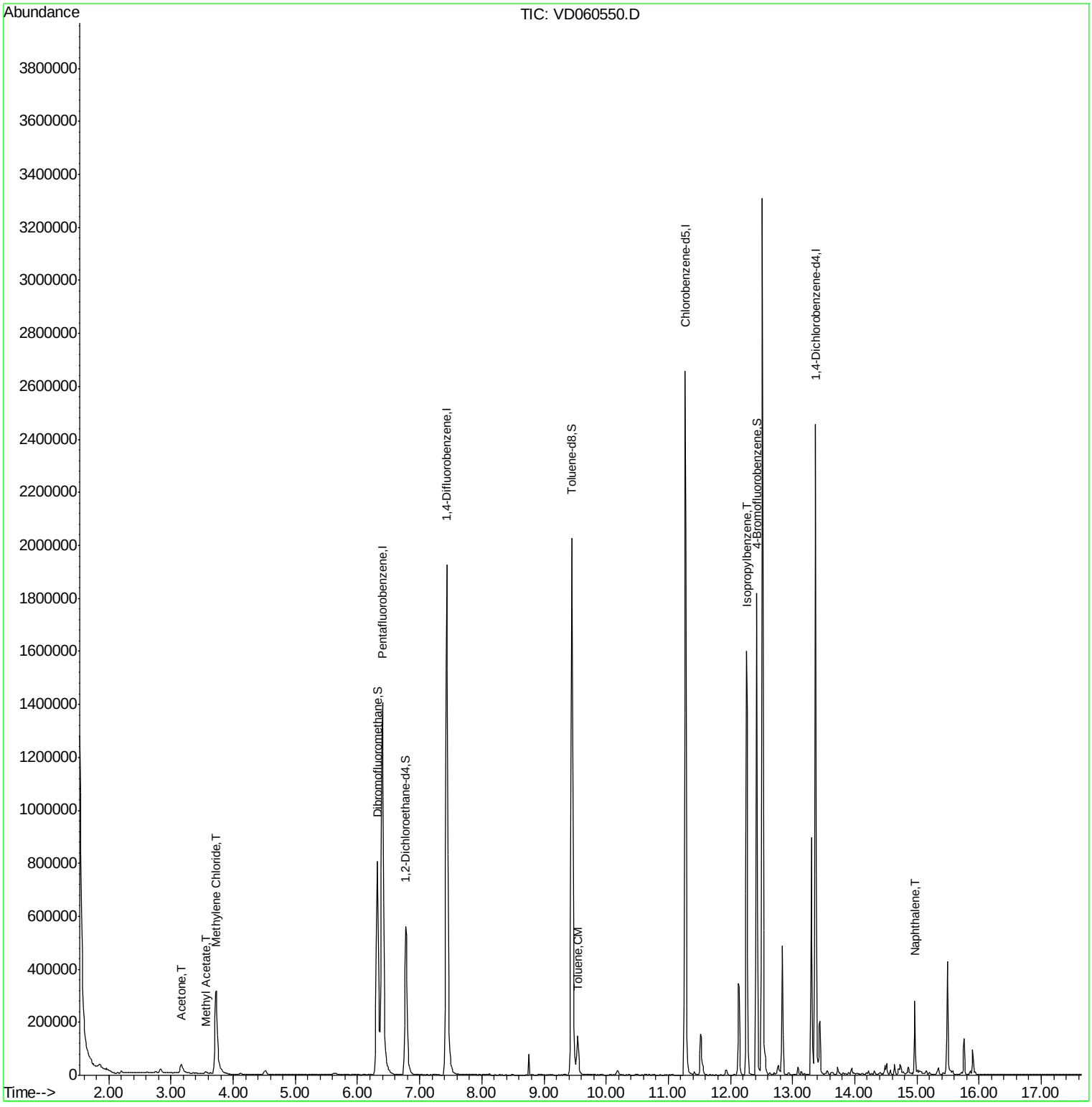
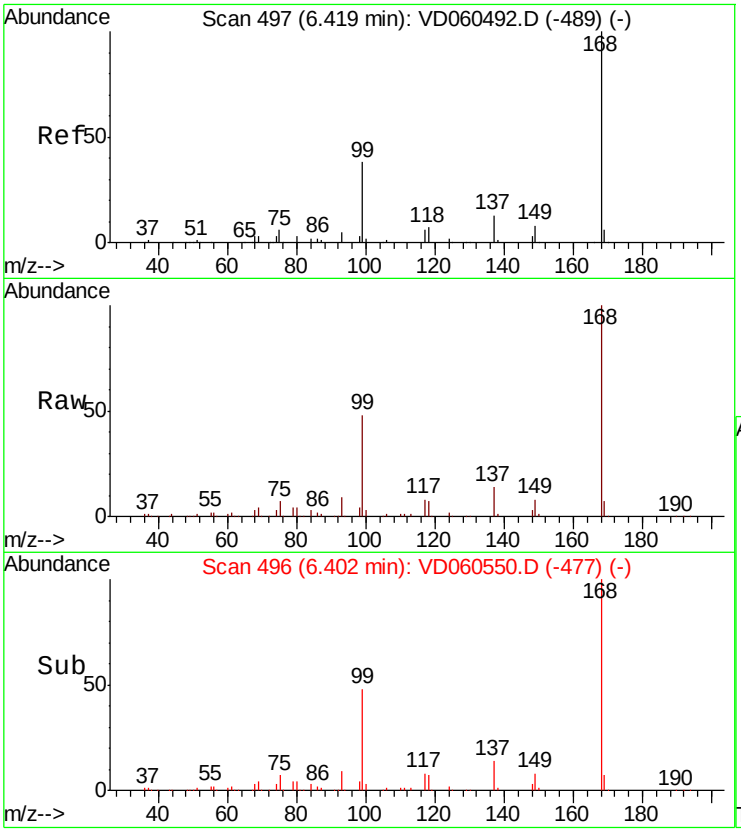


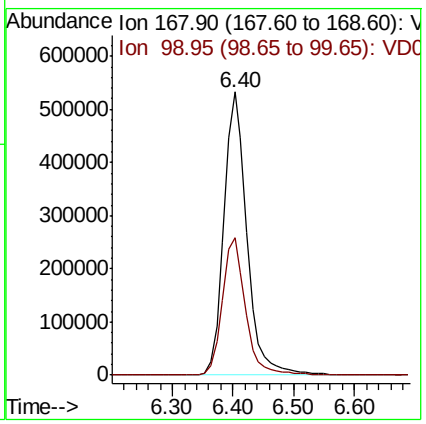


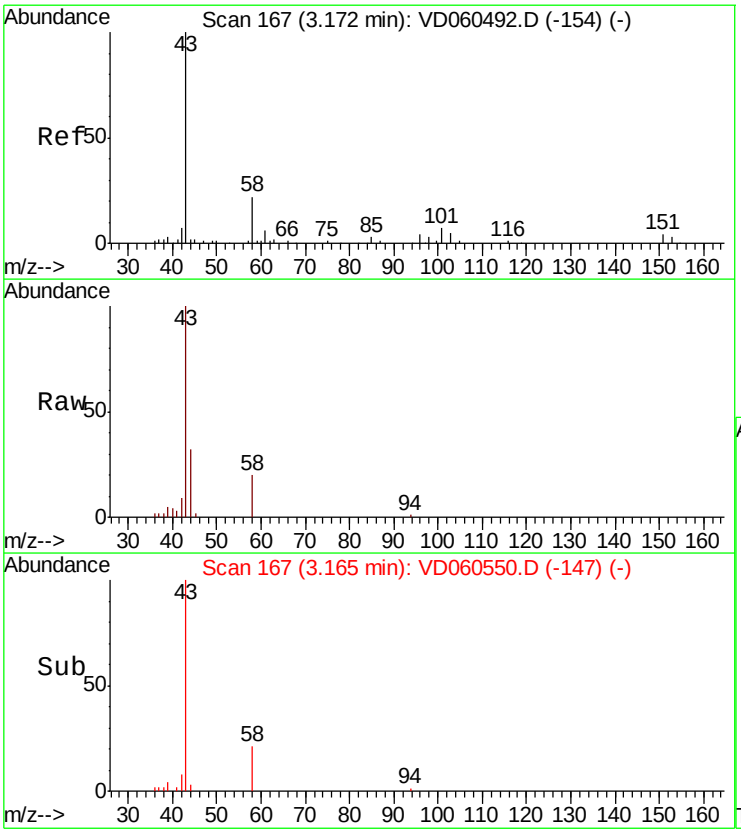
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Tgt Ion:168 Resp: 1404248

Ion	Ratio	Lower	Upper
168	100		
99	48.4	35.6	53.4

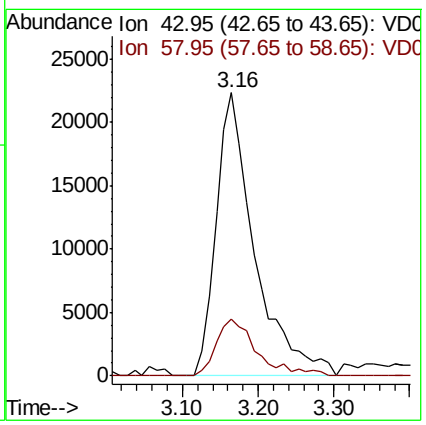


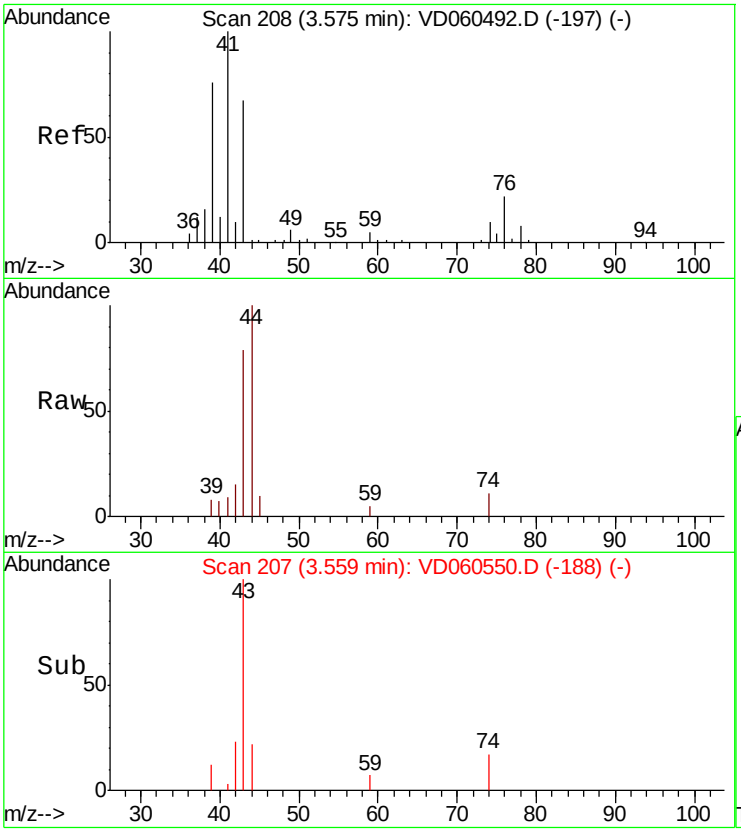


#16
Acetone
Concen: 49.107 ug/l
RT: 3.16 min Scan# 167
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion: 43 Resp: 78346

Ion	Ratio	Lower	Upper
43	100		
58	20.2	17.3	25.9



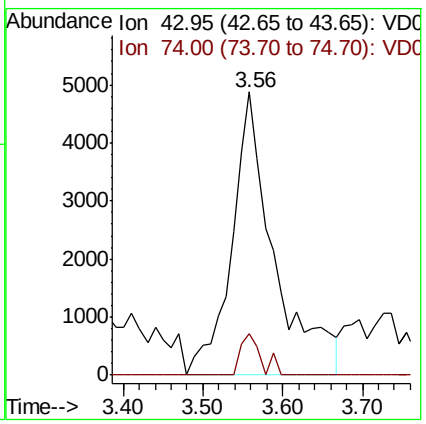


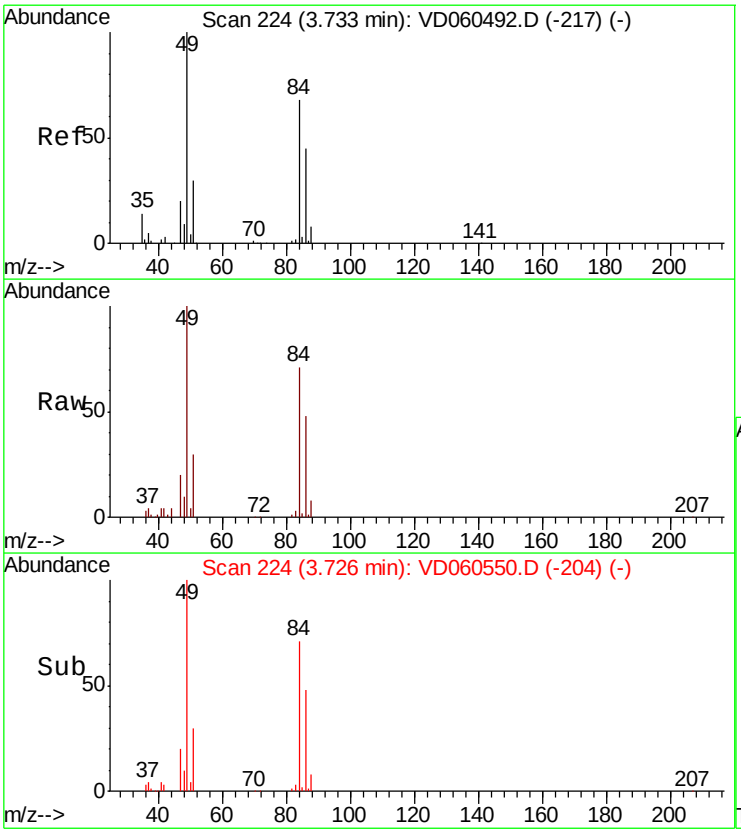
#18
Methyl Acetate
Concen: 4.724 ug/l
RT: 3.56 min Scan# 207
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument : MSVOA_D
ClientSampleId : OK-03-121118

Tgt Ion: 43 Resp: 17914

Ion	Ratio	Lower	Upper
43	100		
74	14.5	12.0	18.0

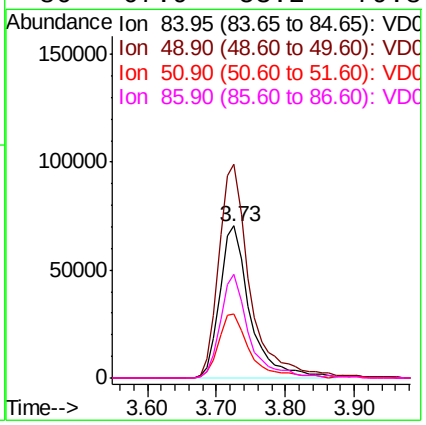


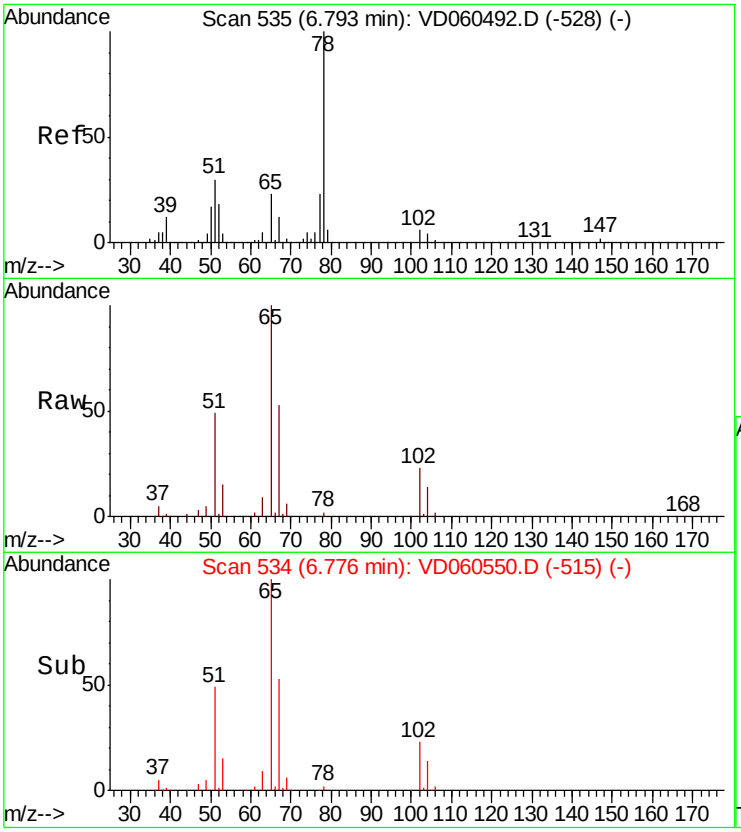


#20
Methylene Chloride
Concen: 11.165 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion: 84 Resp: 214455

Ion	Ratio	Lower	Upper
84	100		
49	140.4	117.2	175.8
51	41.9	35.3	52.9
86	67.9	53.2	79.8



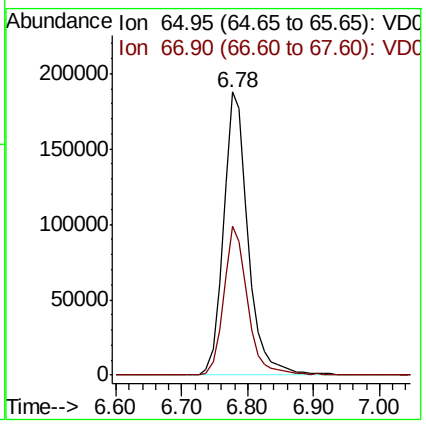


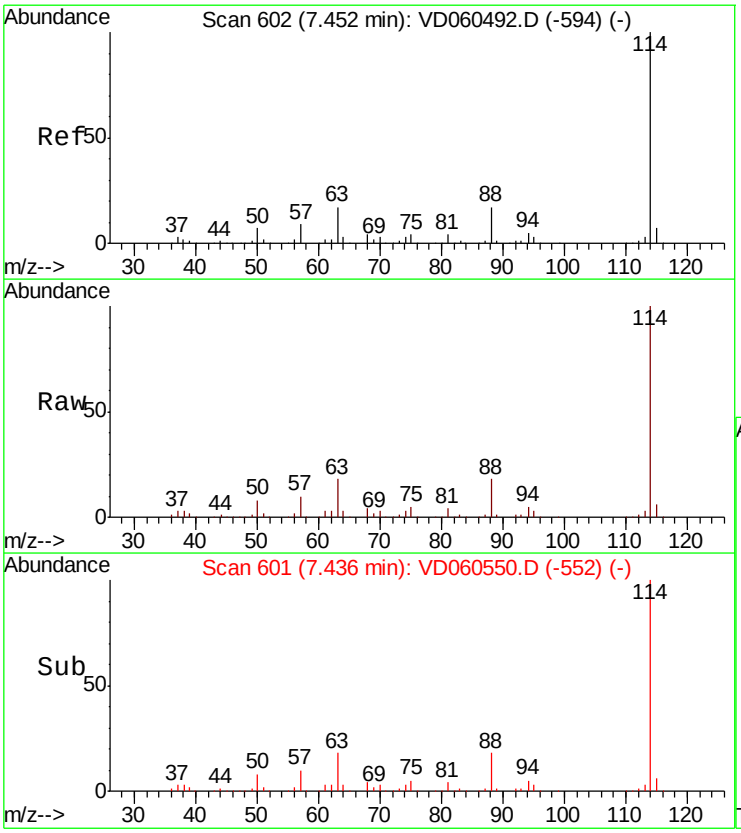
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument : MSVOA_D
ClientSampleId : OK-03-121118

Tgt Ion: 65 Resp: 486948

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.8

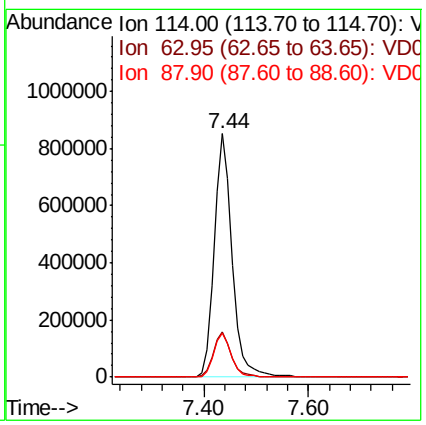


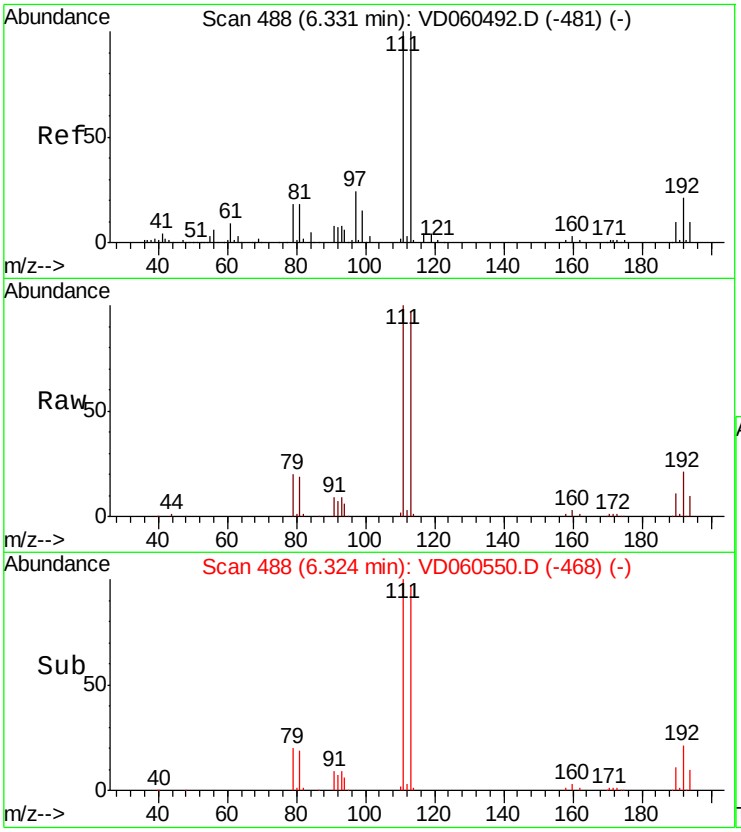


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion:114 Resp: 2019880

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.2
88	18.0	0.0	35.0



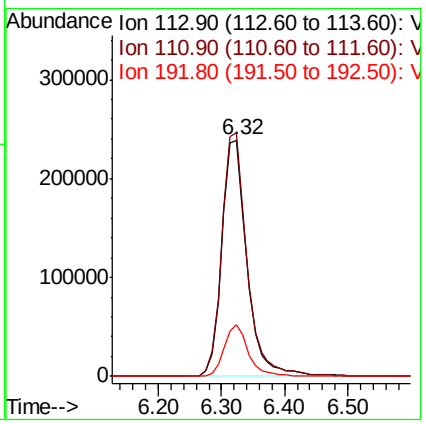


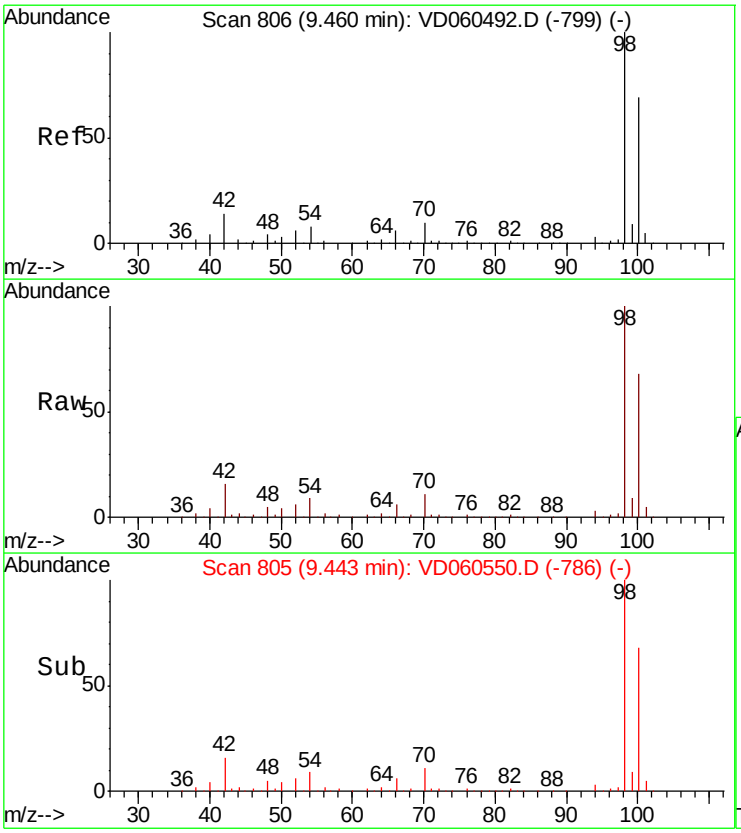
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Tgt Ion:113 Resp: 663072

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.2	120.4
192	21.8	16.6	24.8

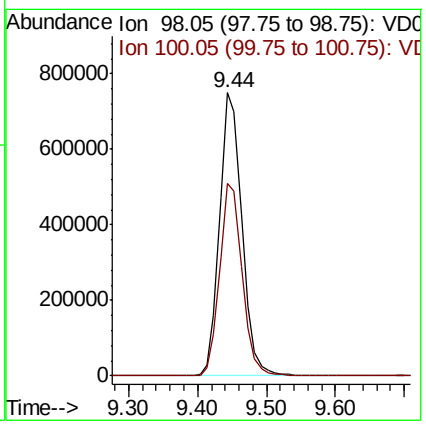


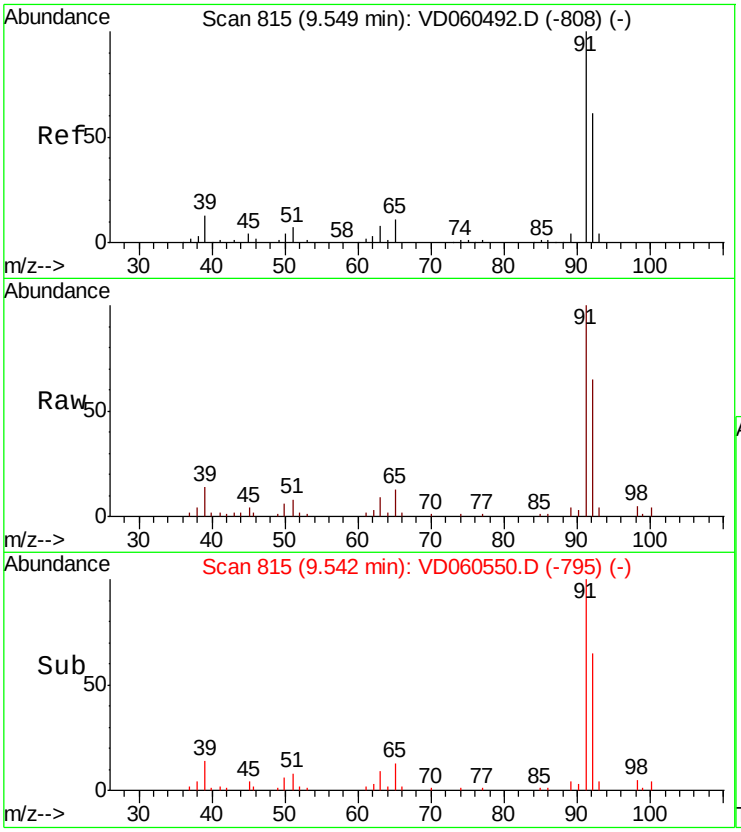


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion: 98 Resp: 1692849

Ion	Ratio	Lower	Upper
98	100		
100	68.1	55.7	83.5



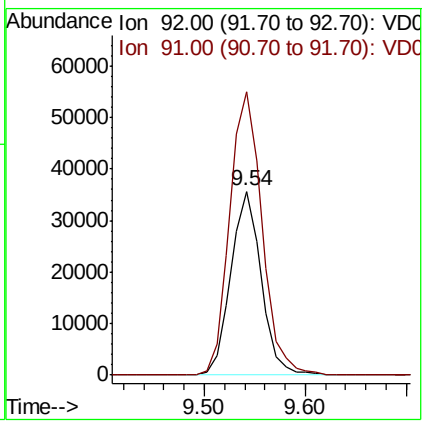


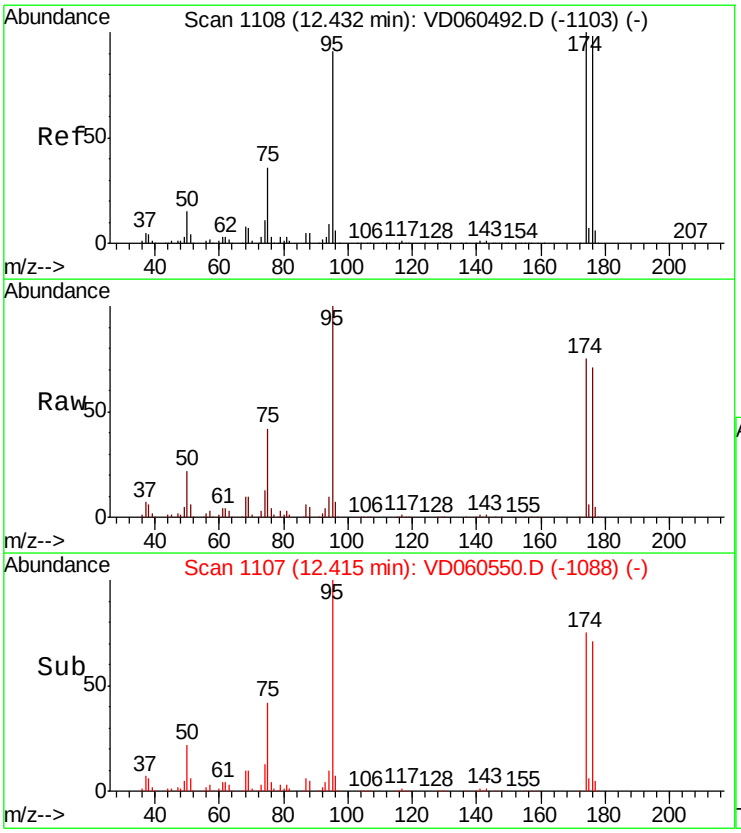
#52
Toluene
Concen: 2.367 ug/l
RT: 9.54 min Scan# 815
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Tgt Ion: 92 Resp: 74639

Ion	Ratio	Lower	Upper
92	100		
91	153.9	131.7	197.5

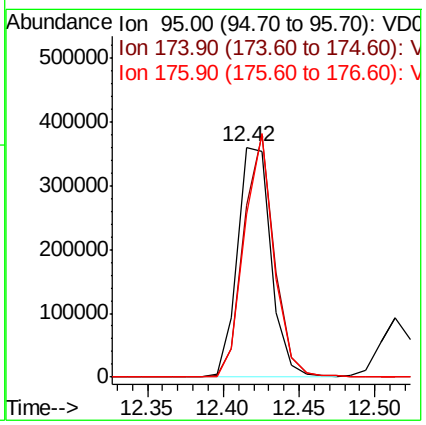


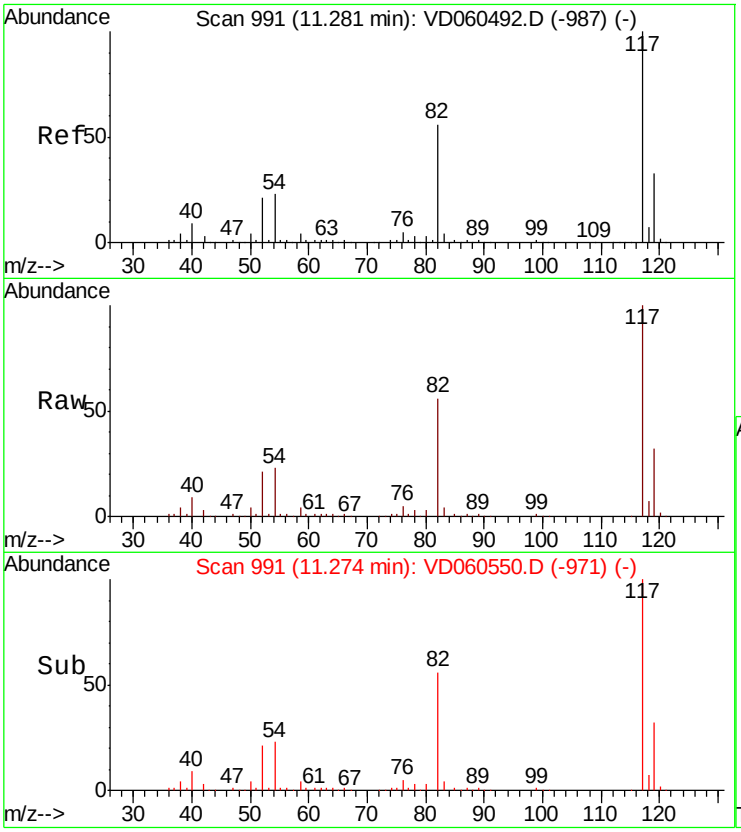


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion: 95 Resp: 556496

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	219.4
176	70.9	0.0	214.6



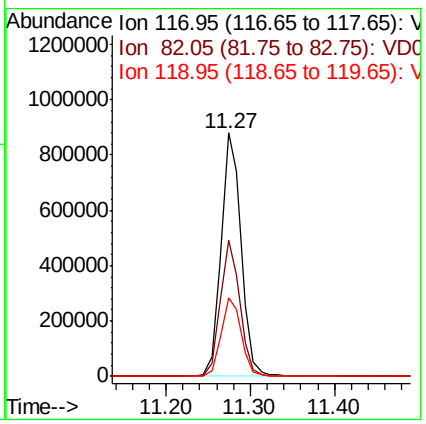


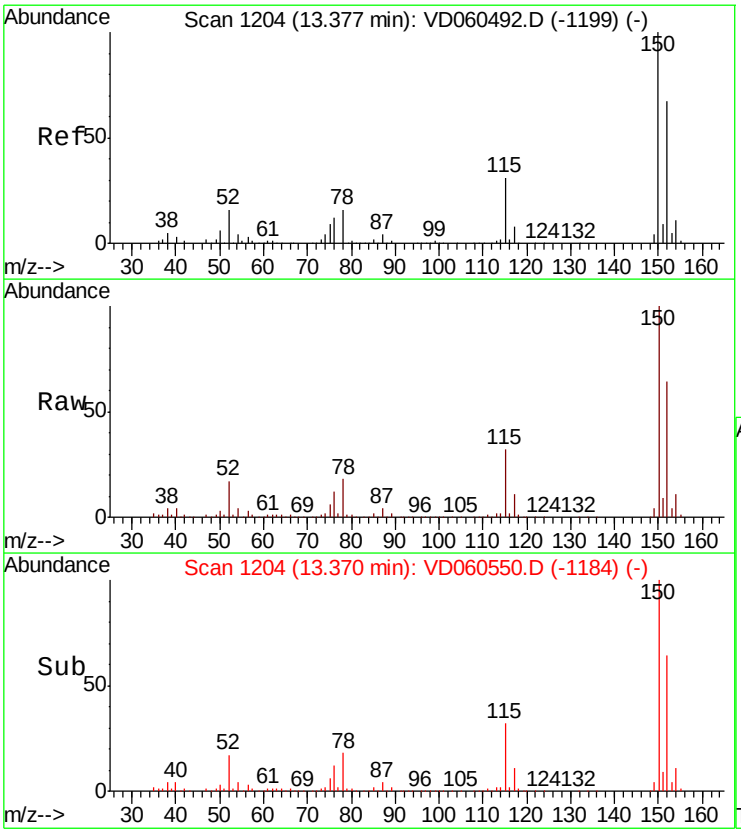
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument :
MSVOA_D
ClientSampleId :
OK-03-121118

Tgt Ion:117 Resp: 1443136

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.2	67.8
119	32.3	26.1	39.1

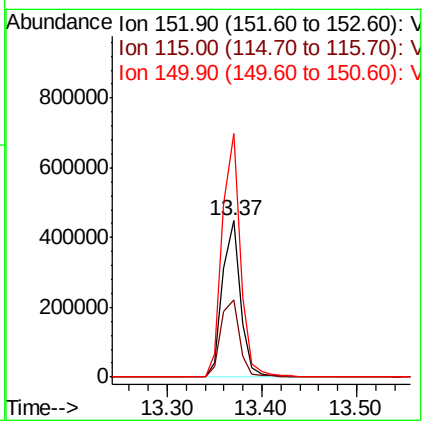


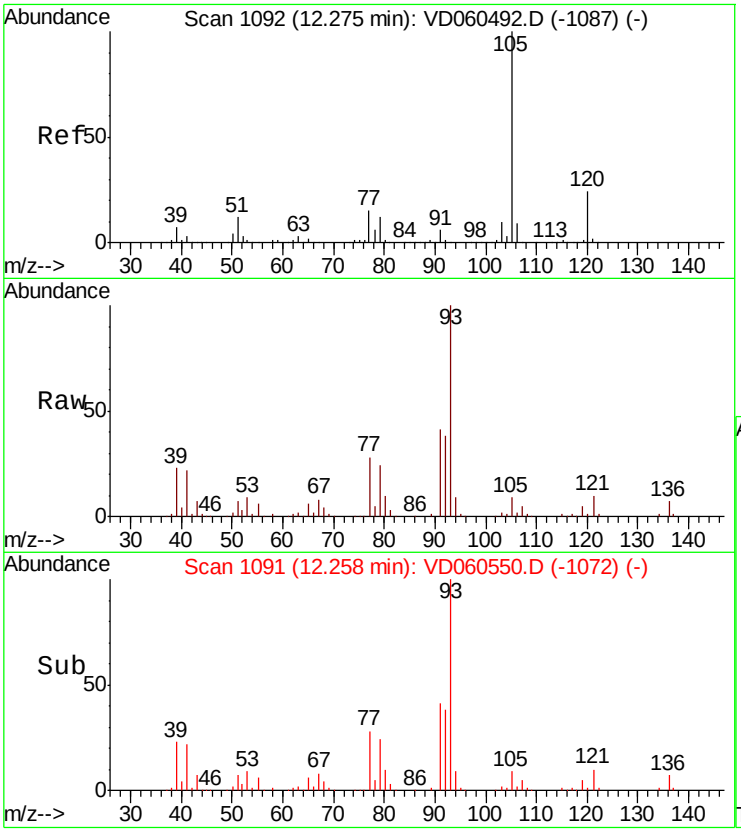


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion:152 Resp: 593966

Ion	Ratio	Lower	Upper
152	100		
115	49.0	24.6	74.0
150	155.6	0.0	309.0



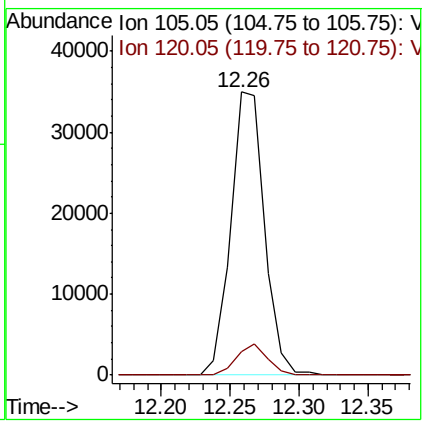


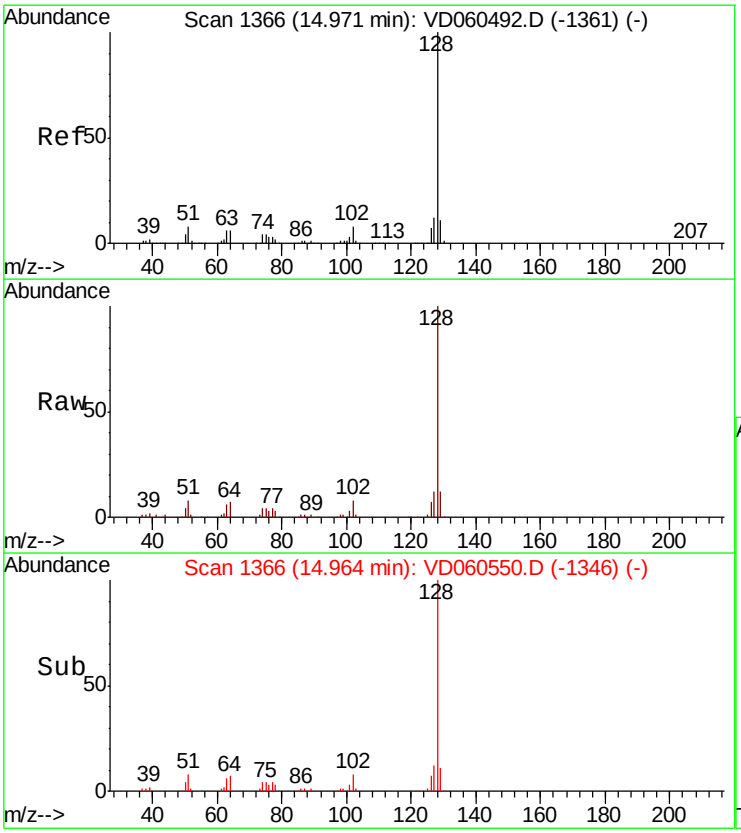
#73
Isopropylbenzene
Concen: 1.415 ug/l
RT: 12.26 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Instrument : MSVOA_D
ClientSampleId : OK-03-121118

Tgt Ion:105 Resp: 59476

Ion	Ratio	Lower	Upper
105	100		
120	8.5	11.9	35.9#





#95
Naphthalene
Concen: 10.104 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VD060550.D
Acq: 12 Dec 2018 16:42

Tgt Ion:128 Resp: 153616

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.8
129	11.7	8.6	13.0