Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
Data File : VD060519.D
Acq On : 10 Dec 2018 12:33
Operator : VA/AP
Sample : J6196-01
Misc : 6.79g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-03-120718-A

Quant Time: Dec 11 07:07:08 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	6.41	168	1819926	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2582836	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1936795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	777624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	543254	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.22%			
35) Dibromofluoromethane	6.33	113	761503	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.28%			
50) Toluene-d8	9.46	98	1981993	36.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.20%			
62) 4-Bromofluorobenzene	12.42	95	669637	34.09	ug/l	-0.01
Spiked Amount 50.000			Recovery = 68.18%			
Target Compounds						Qvalue
16) Acetone	3.17	43	76690	37.090	ug/l	100
20) Methylene Chloride	3.73	84	183347	5.694	ug/l	93
25) 2-Butanone	5.63	43	22117	5.437	ug/l	92
52) Toluene	9.55	92	95709	2.373	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	78575	1.805	ug/l	96
95) Naphthalene	14.97	128	51838	2.604	ug/l	99

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

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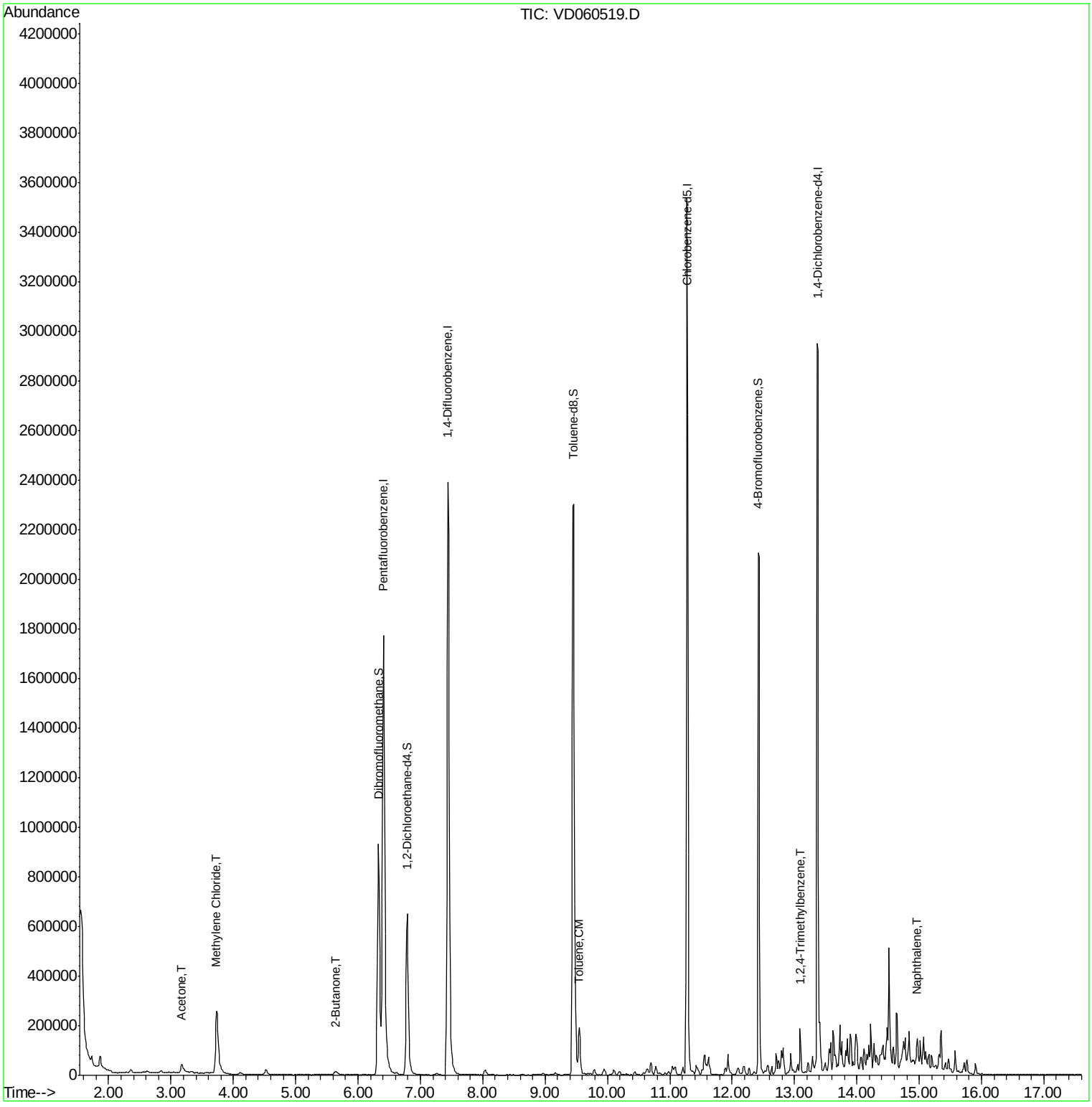
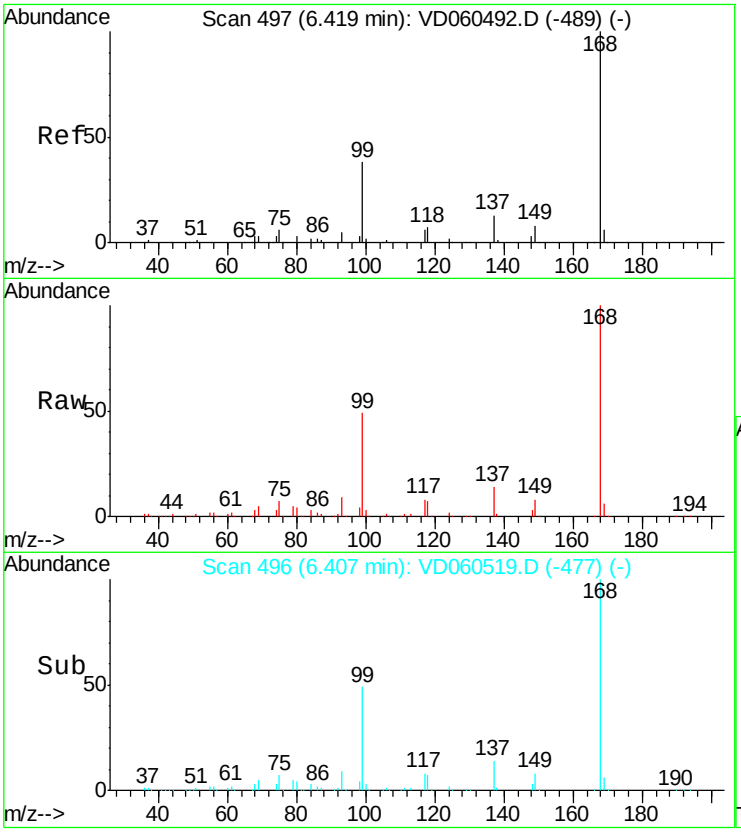


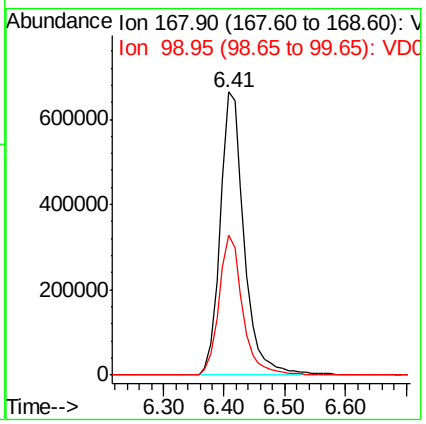


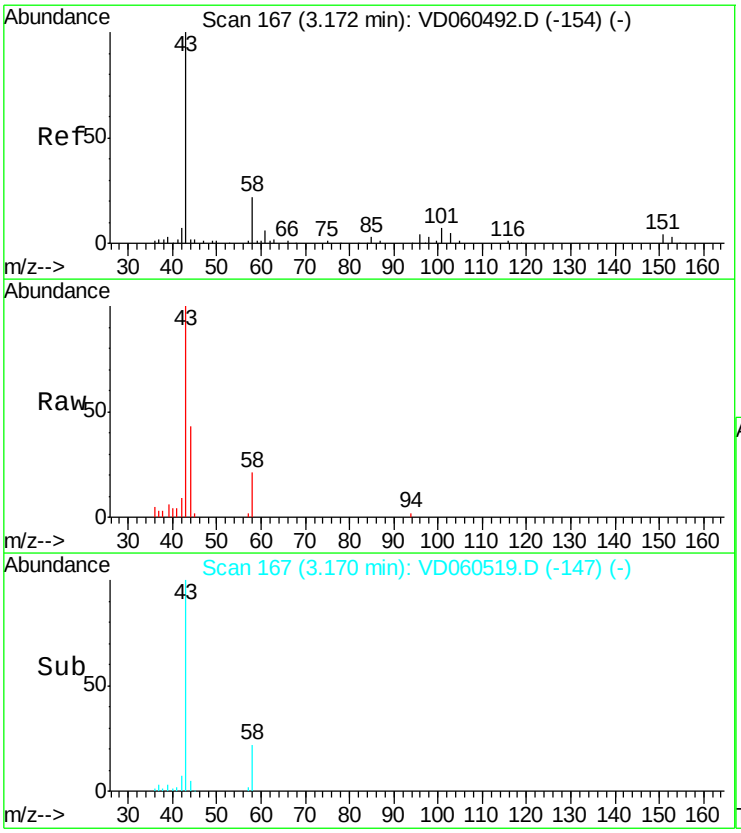
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.01 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion:168 Resp: 1819926

Ion	Ratio	Lower	Upper
168	100		
99	49.4	35.6	53.4

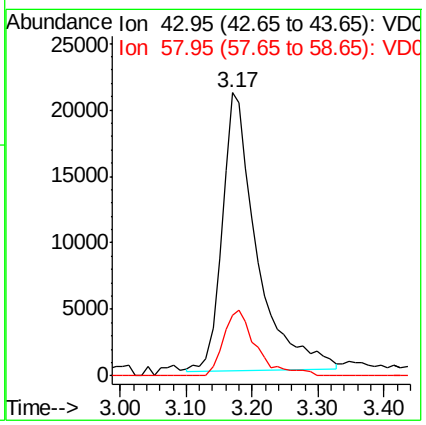


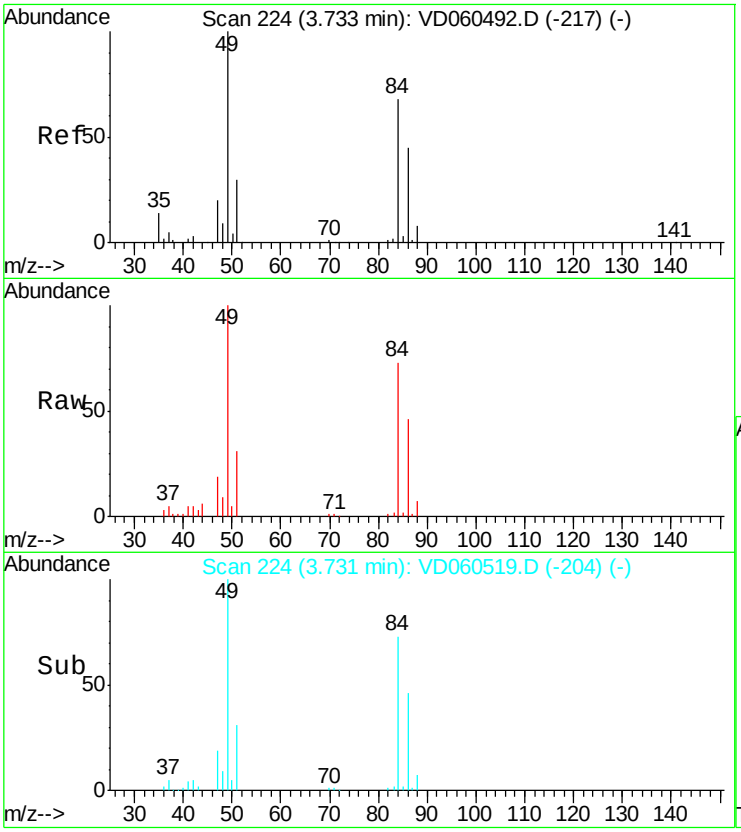


#16
Acetone
Concen: 37.090 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion: 43 Resp: 76690

Ion	Ratio	Lower	Upper
43	100		
58	21.5	17.3	25.9



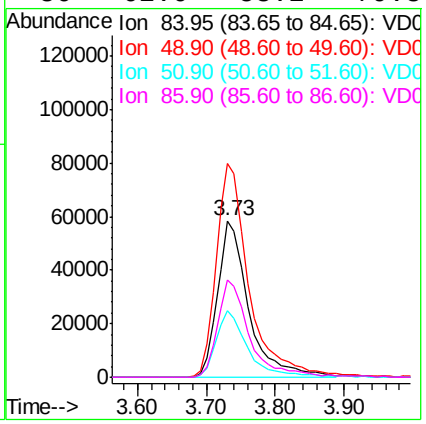


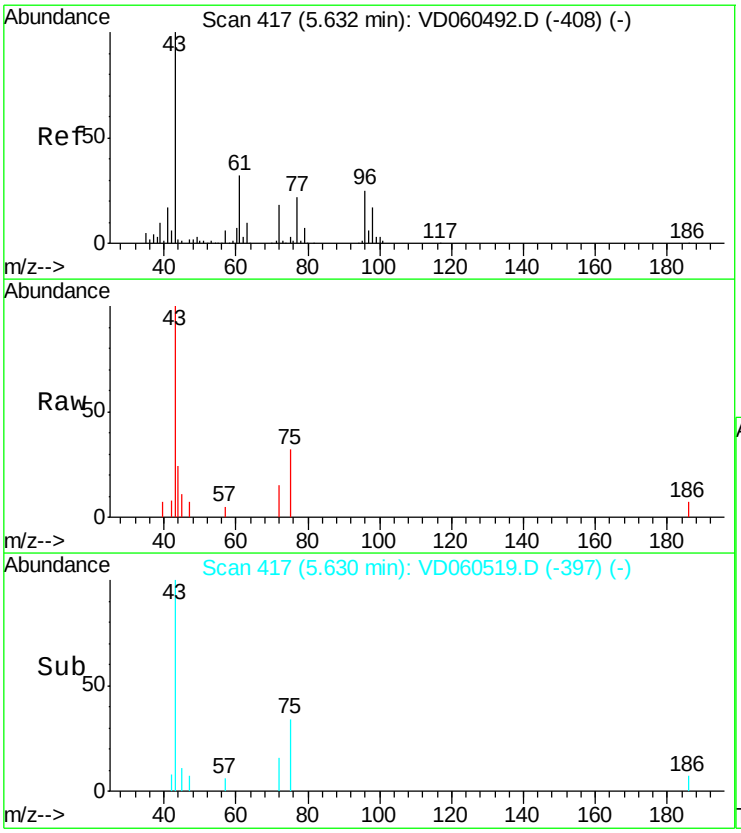
#20
Methylene Chloride
Concen: 5.694 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion: 84 Resp: 183347

Ion	Ratio	Lower	Upper
84	100		
49	136.2	117.2	175.8
51	42.3	35.3	52.9
86	62.0	53.2	79.8

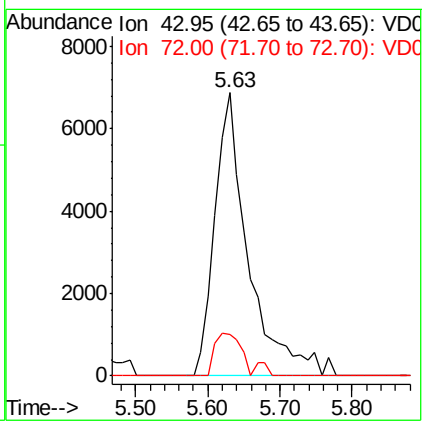


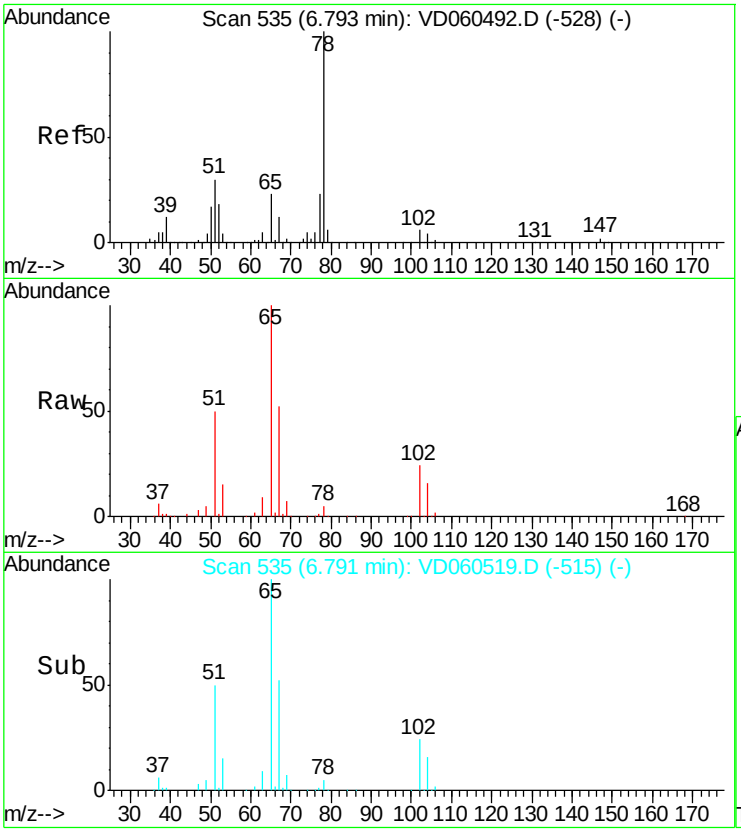


#25
2-Butanone
Concen: 5.437 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion: 43 Resp: 22117

Ion	Ratio	Lower	Upper
43	100		
72	14.8	14.6	21.8



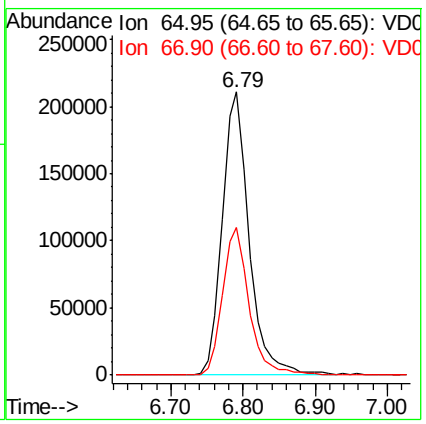


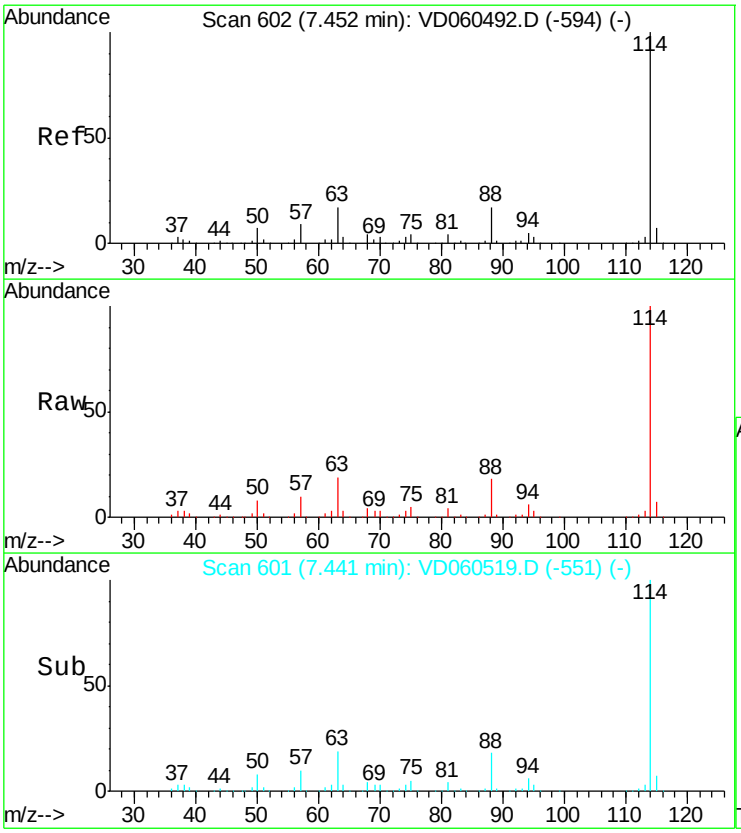
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument : MSVOA_D
ClientSampleId : EO-03-120718-A

Tgt Ion: 65 Resp: 543254

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.8

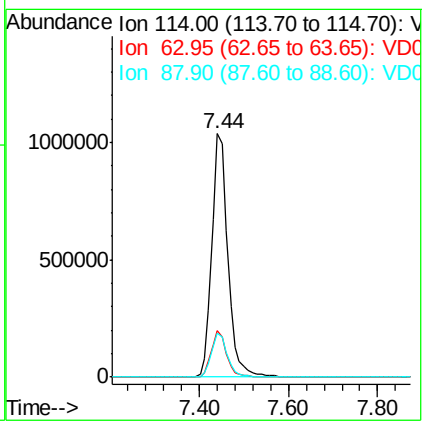


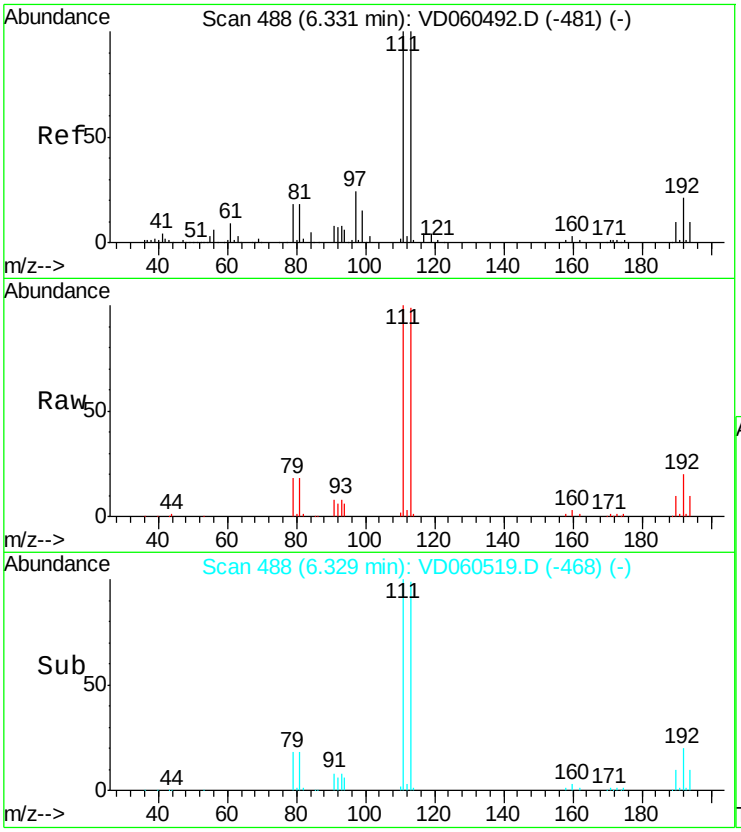


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. -0.01 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion:114 Resp: 2582836

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	34.2
88	18.2	0.0	35.0



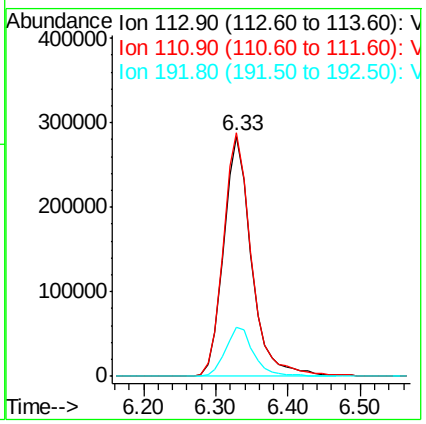


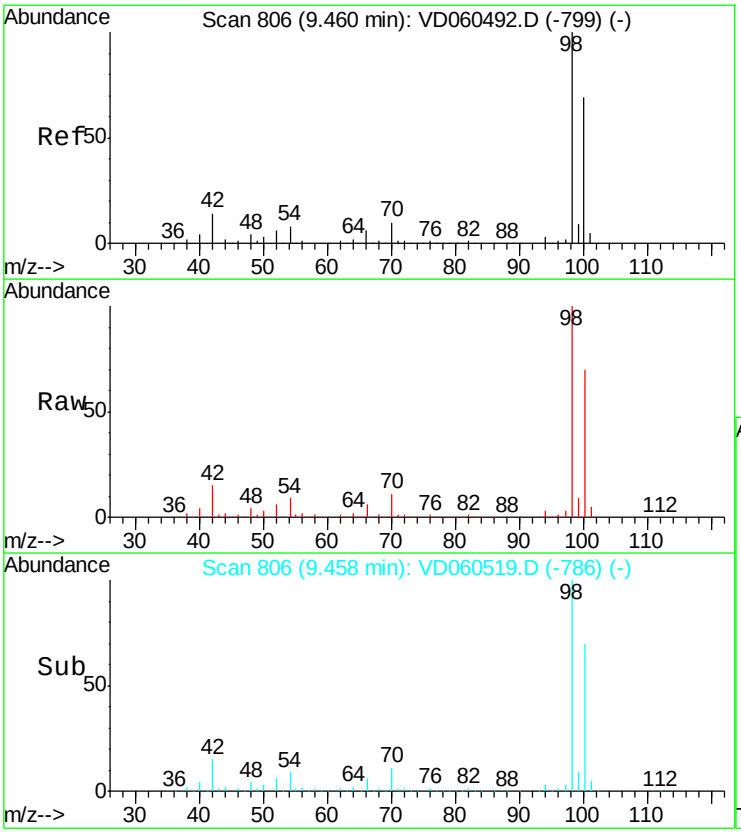
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion:113 Resp: 761503

Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.2	120.4
192	20.5	16.6	24.8

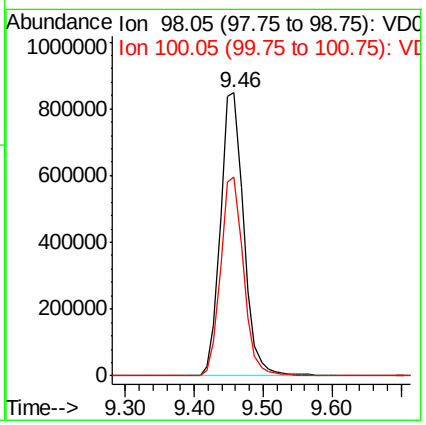


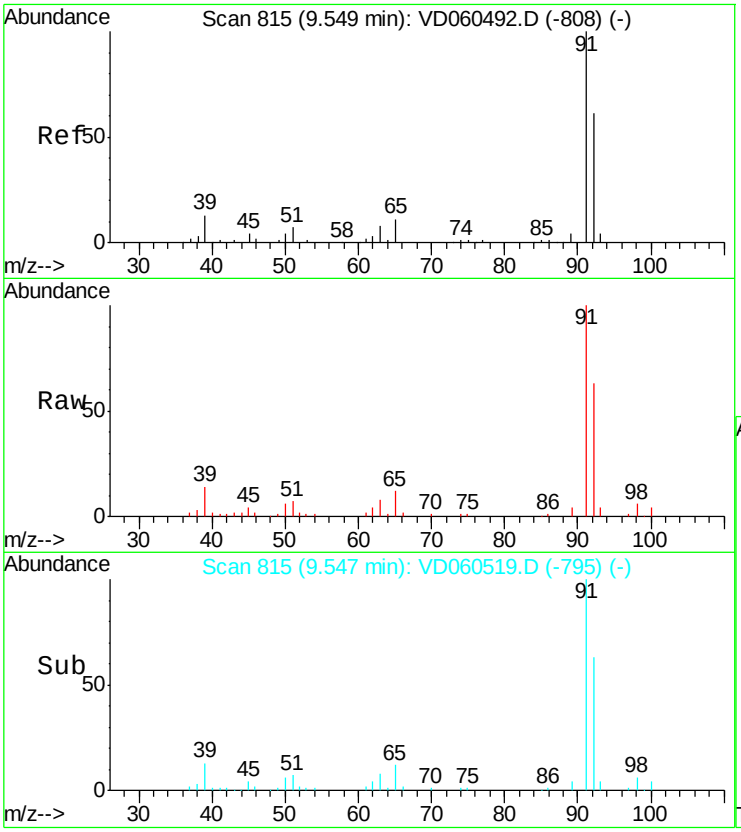


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion: 98 Resp: 1981993

Ion	Ratio	Lower	Upper
98	100		
100	70.1	55.7	83.5



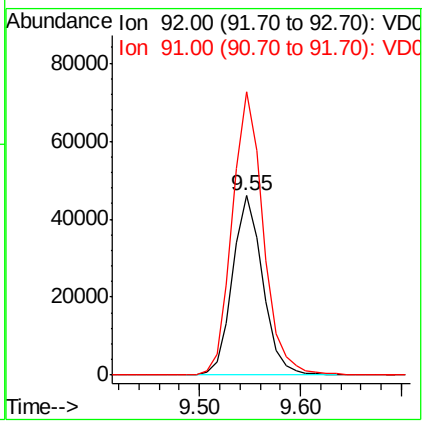


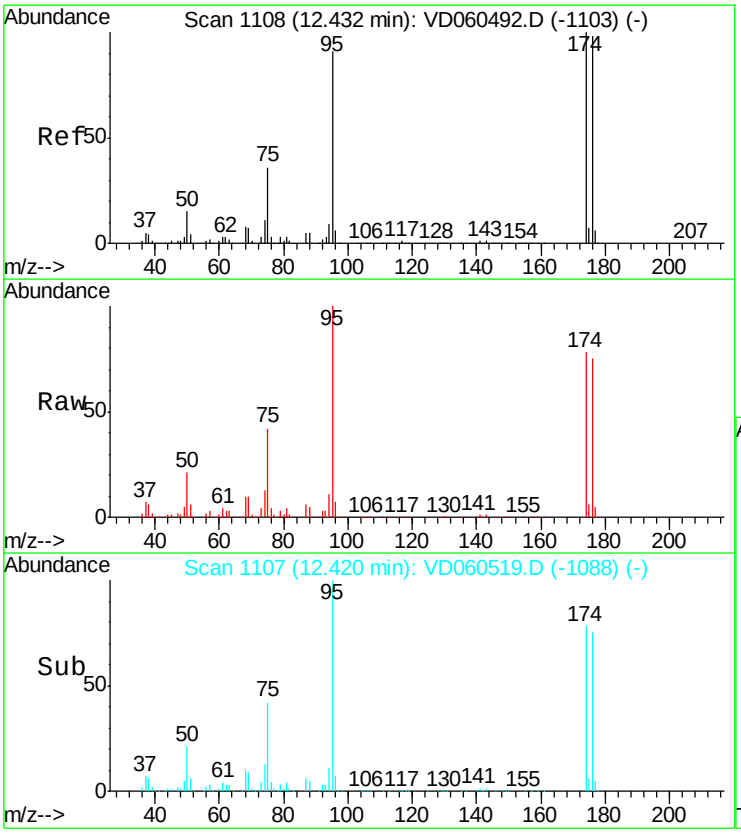
#52
Toluene
Concen: 2.373 ug/l
RT: 9.55 min Scan# 815
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion: 92 Resp: 95709

Ion	Ratio	Lower	Upper
92	100		
91	157.7	131.7	197.5

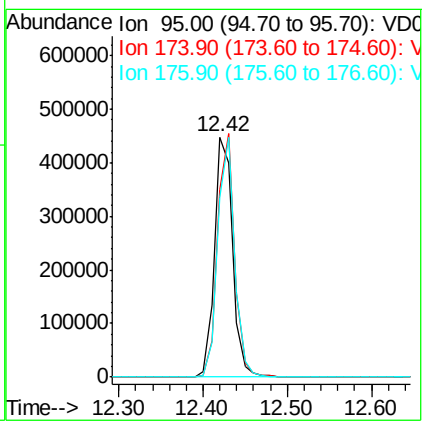


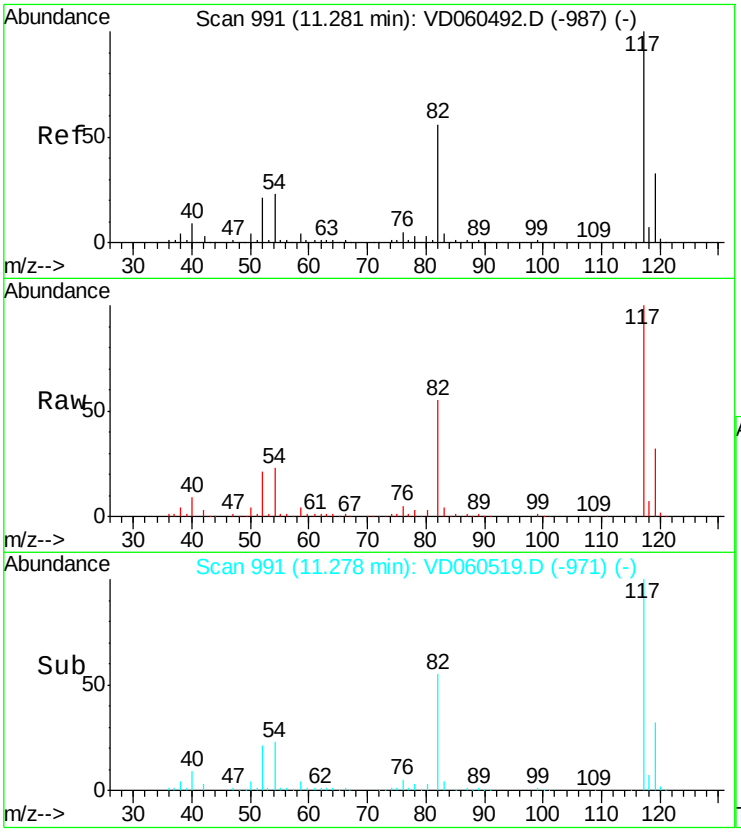


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion: 95 Resp: 669637

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	219.4
176	75.0	0.0	214.6



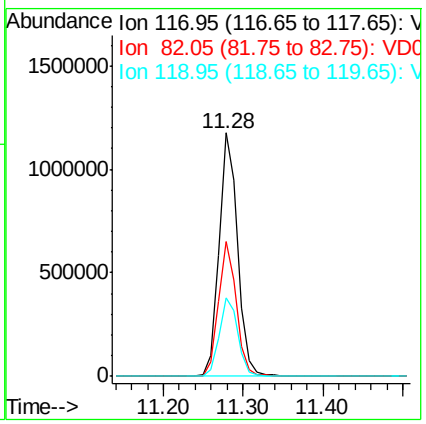


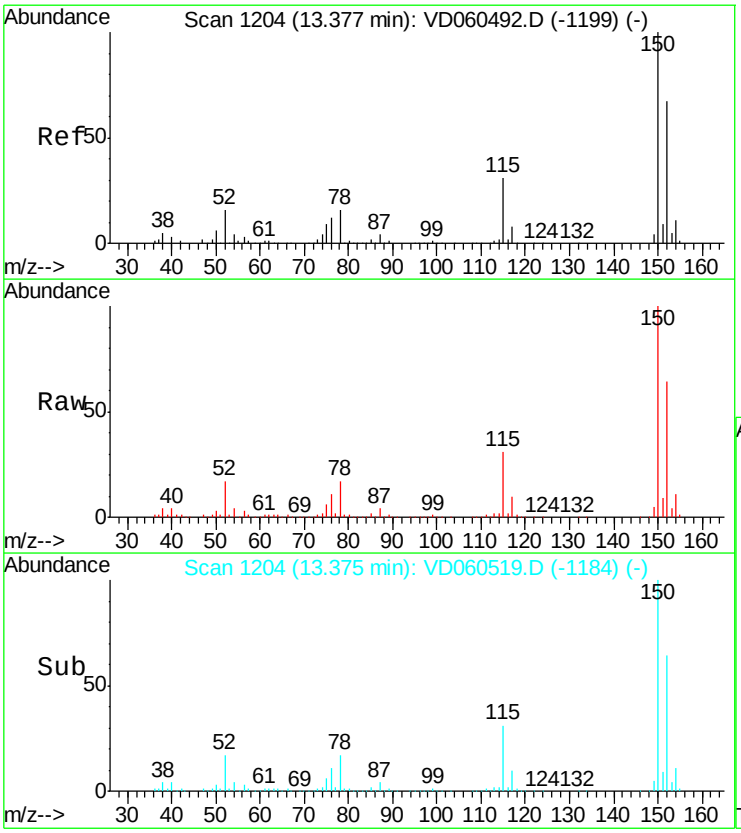
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion:117 Resp: 1936795

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.2	67.8
119	32.1	26.1	39.1

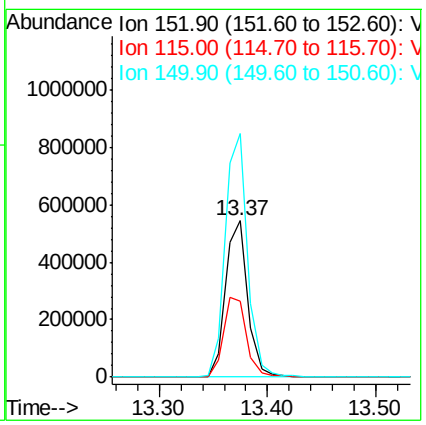


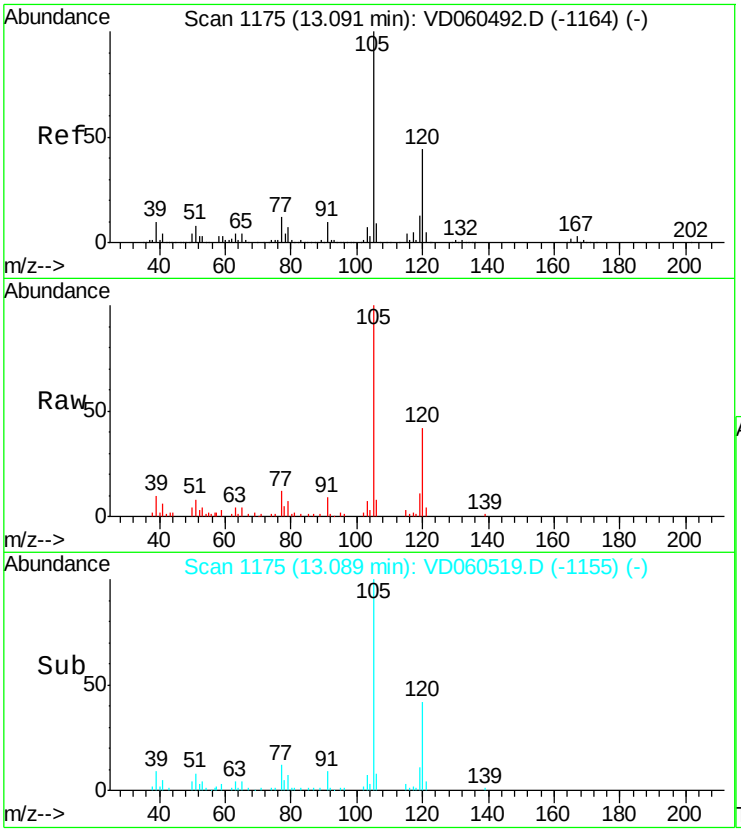


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion:152 Resp: 777624

Ion	Ratio	Lower	Upper
152	100		
115	48.7	24.6	74.0
150	156.0	0.0	309.0



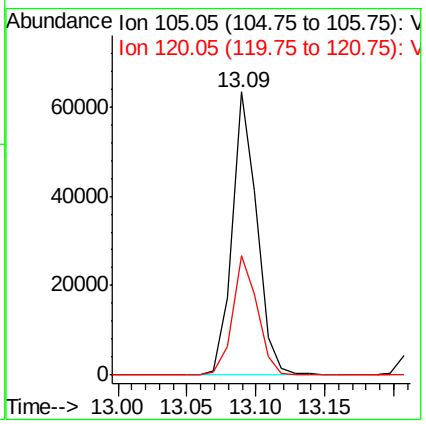


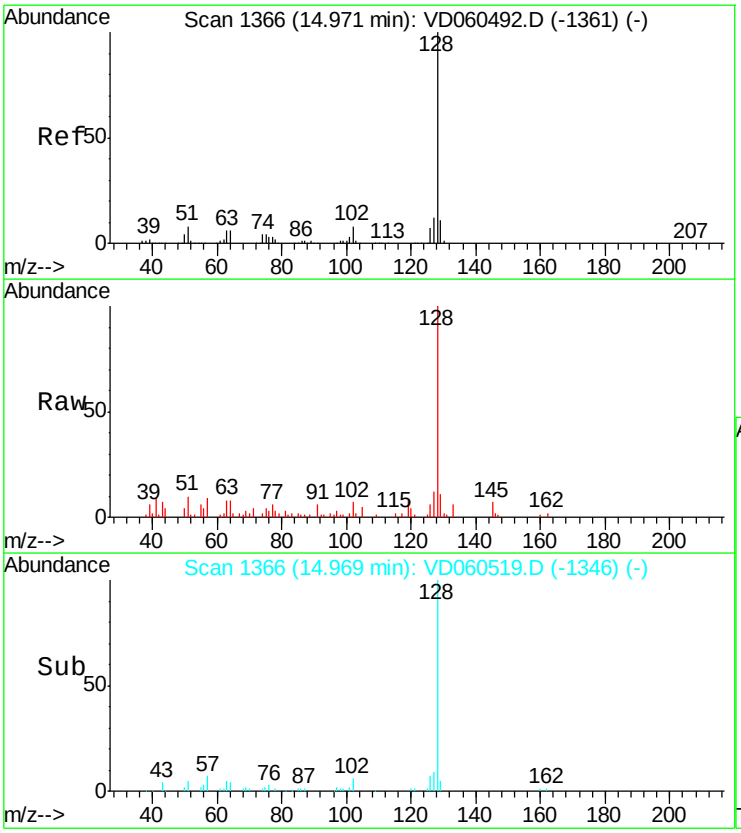
#84
1,2,4-Trimethylbenzene
Concen: 1.805 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Instrument :
MSVOA_D
ClientSampleId :
EO-03-120718-A

Tgt Ion:105 Resp: 78575

Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.3	66.8





#95
Naphthalene
Concen: 2.604 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VD060519.D
Acq: 10 Dec 2018 12:33

Tgt Ion:128 Resp: 51838

Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.8
129	11.2	8.6	13.0