Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121818\
Data File : VD060620.D
Acq On : 18 Dec 2018 14:45
Operator : VA/AP
Sample : J6195-09
Misc : 6.47g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Quant Time: Dec 19 03:02:46 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	1661009	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2351591	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1839765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	771800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	486395	41.31	ug/l	-0.01
Spiked Amount 50.000			Recovery = 82.62%			
35) Dibromofluoromethane	6.33	113	662211	38.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.68%			
50) Toluene-d8	9.46	98	1847695	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.94%			
62) 4-Bromofluorobenzene	12.42	95	609601	34.08	ug/l	-0.01
Spiked Amount 50.000			Recovery = 68.16%			
Target Compounds						Qvalue
16) Acetone	3.17	43	62960	33.363	ug/l	96
20) Methylene Chloride	3.73	84	112170	2.197	ug/l	94
25) 2-Butanone	5.62	43	21077	5.677	ug/l #	92
40) Benzene	6.79	78	148100	2.521	ug/l	94
52) Toluene	9.55	92	276244	7.523	ug/l	99
67) Ethyl Benzene	11.43	91	496898	7.485	ug/l	95
68) m/p-Xylenes	11.56	106	97723	3.979	ug/l	92
69) o-Xylene	11.94	106	60003	2.564	ug/l	94
73) Isopropylbenzene	12.27	105	412501	7.553	ug/l	99
78) n-propylbenzene	12.64	91	561372	8.131	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	70025	1.678	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	483792	11.196	ug/l	98
95) Naphthalene	14.97	128	3126996	158.291	ug/l	99

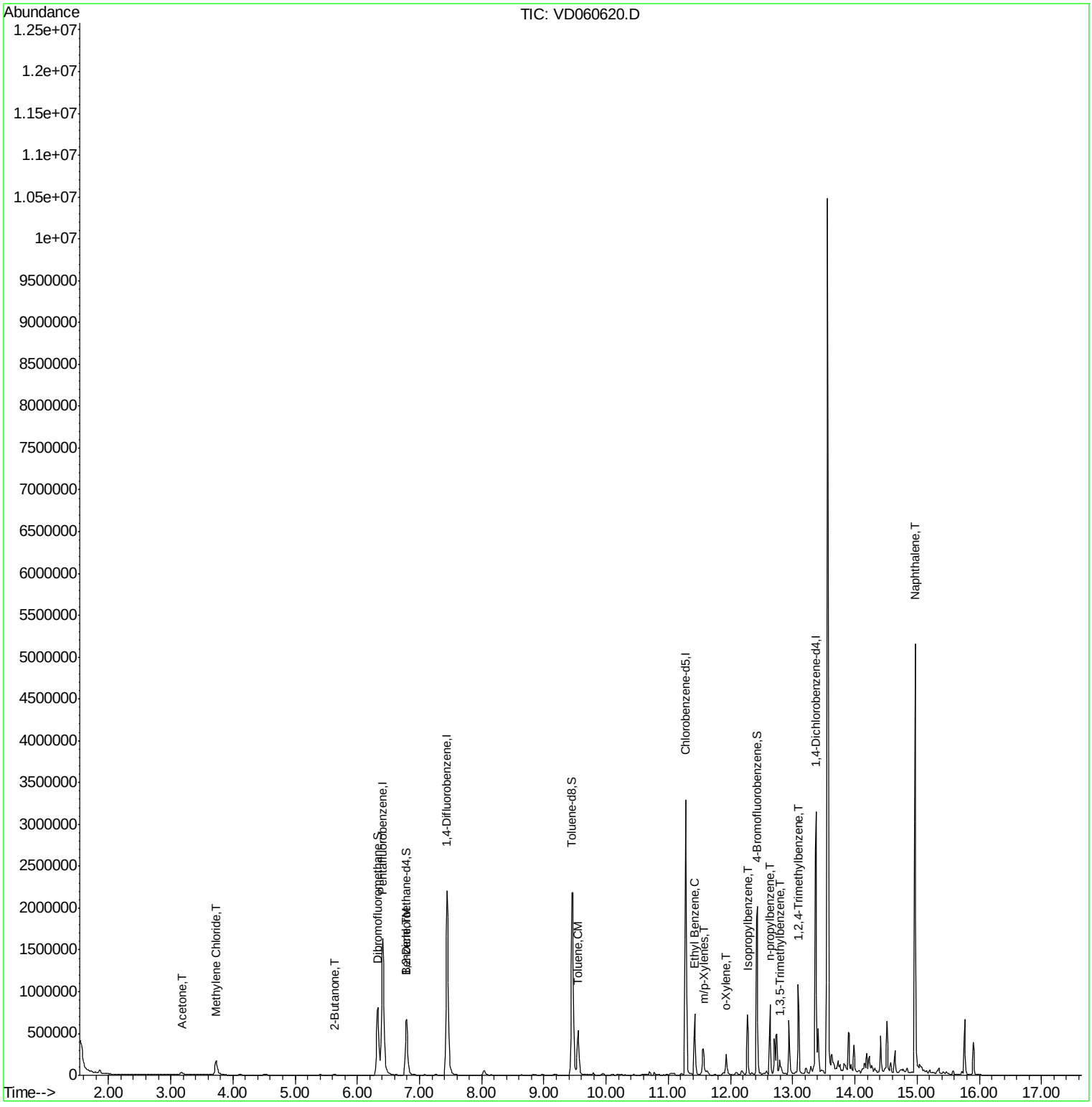
(#) = qualifier out of range (m) = manual integration (+) = signals summed

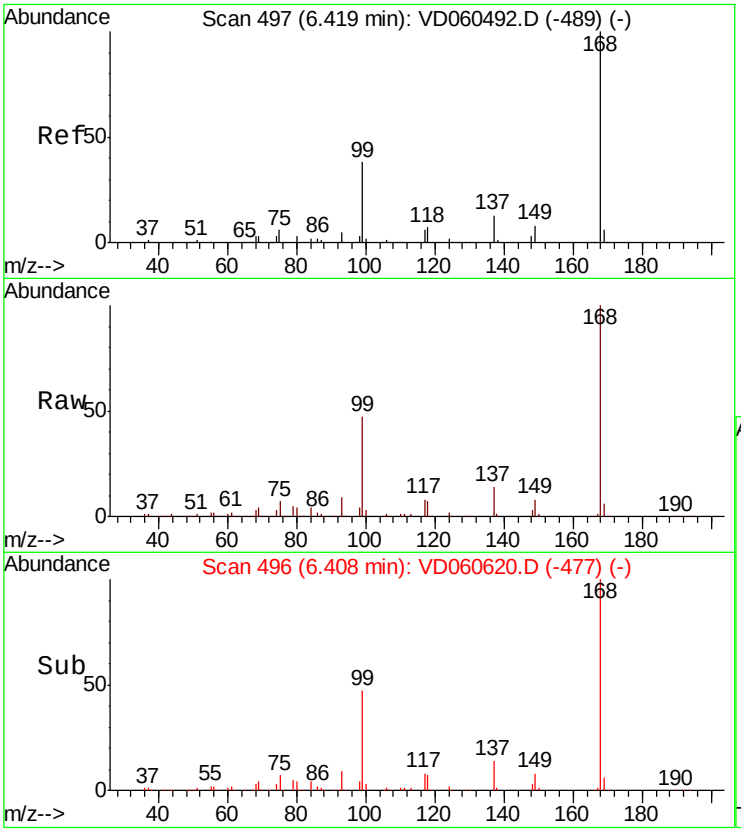
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
Data File : VD060620.D
Acq On : 18 Dec 2018 14:45
Operator : VA/AP
Sample : J6195-09
Misc : 6.47g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-121718

Quant Time: Dec 19 03:02:46 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



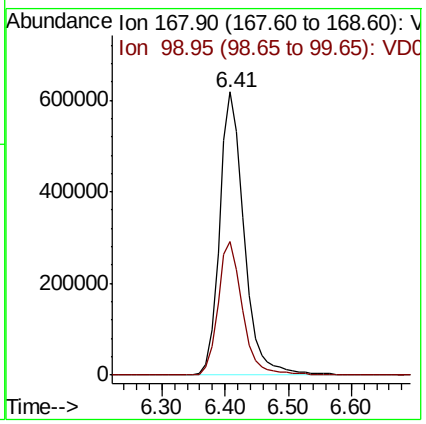


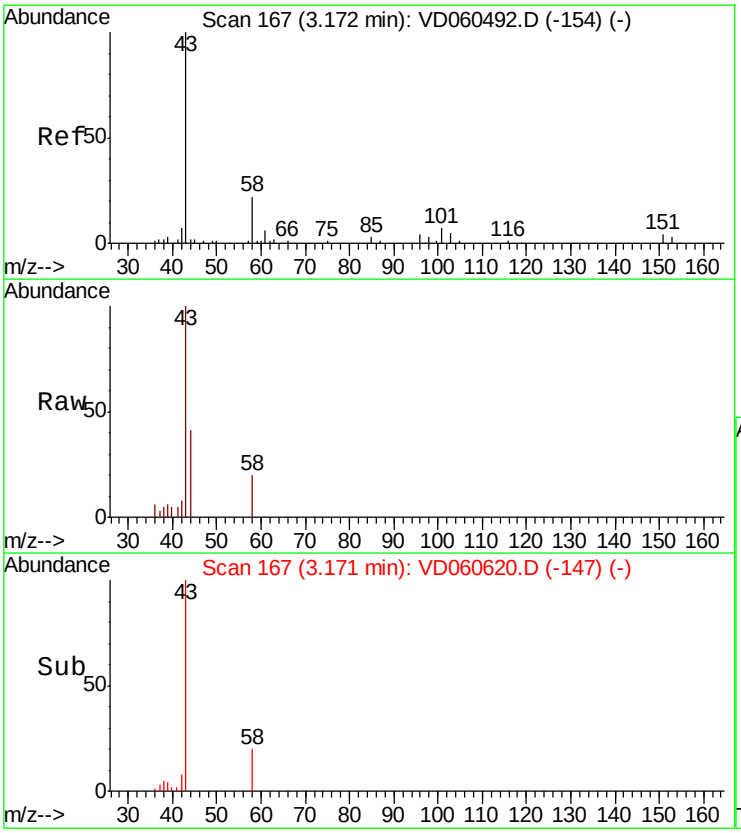
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.01 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-121718

Tgt Ion:168 Resp: 1661009

Ion	Ratio	Lower	Upper
168	100		
99	47.3	35.6	53.4

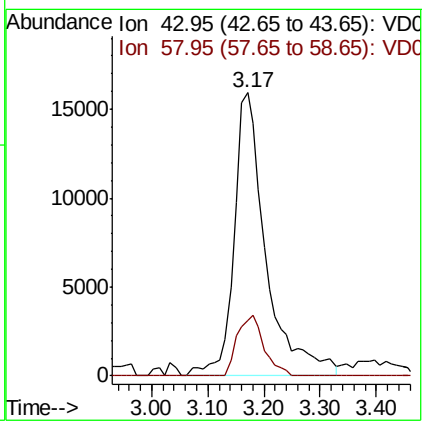


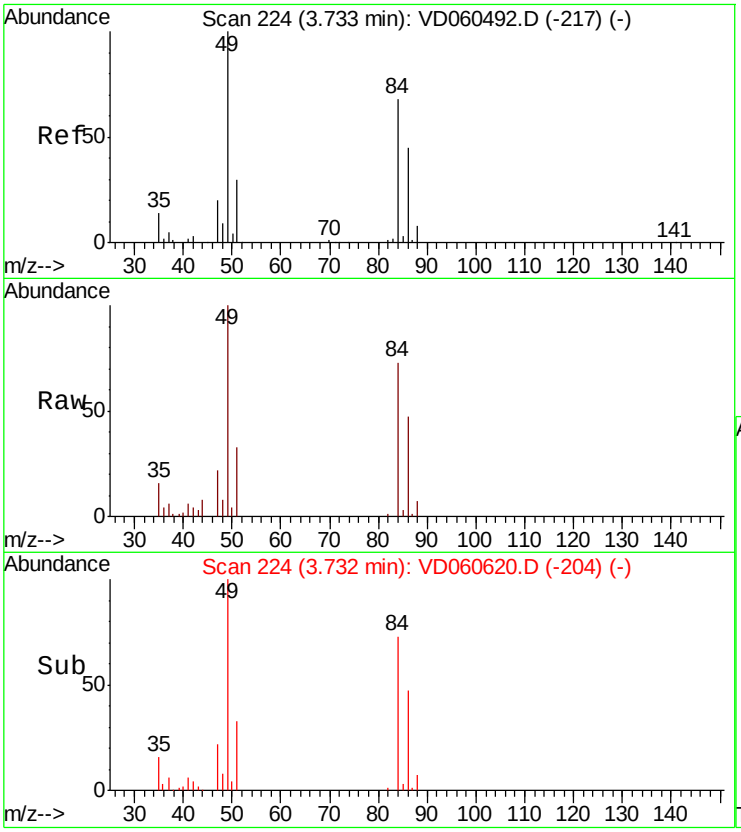


#16
Acetone
Concen: 33.363 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion: 43 Resp: 62960

Ion	Ratio	Lower	Upper
43	100		
58	19.7	17.3	25.9



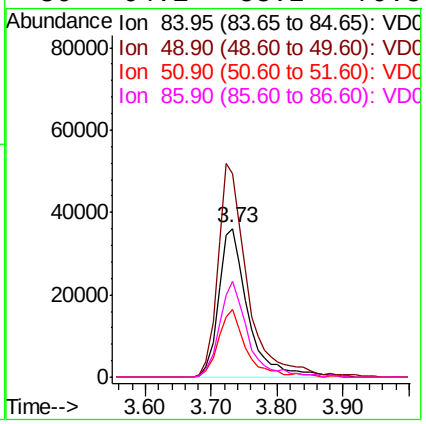


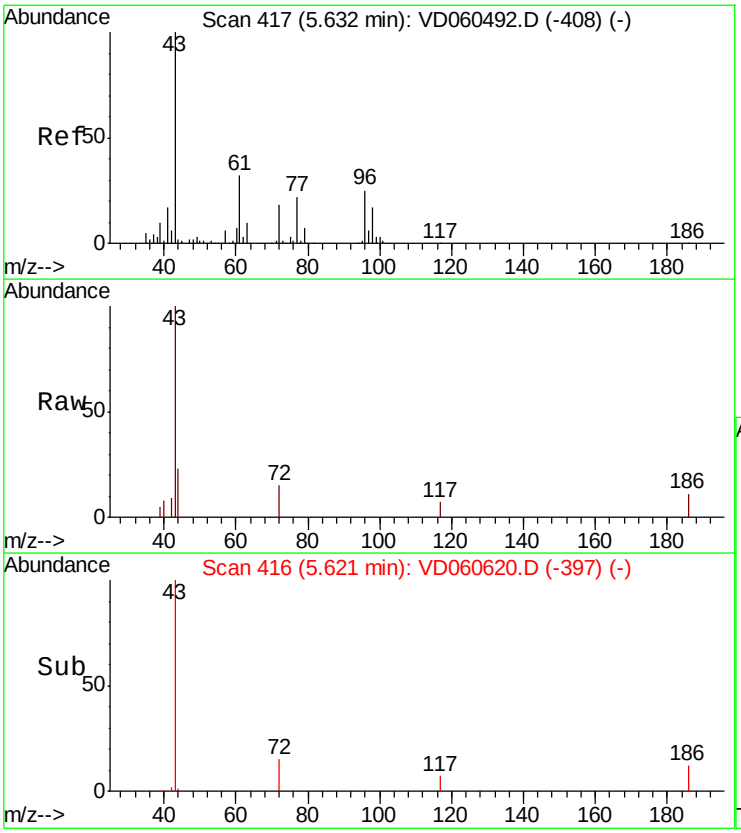
#20
Methylene Chloride
Concen: 2.197 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Tgt Ion: 84 Resp: 112170

Ion	Ratio	Lower	Upper
84	100		
49	136.8	117.2	175.8
51	45.5	35.3	52.9
86	64.1	53.2	79.8

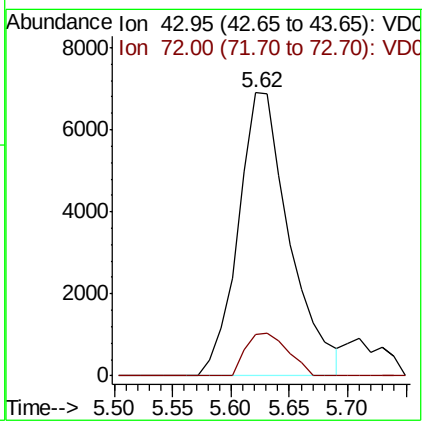


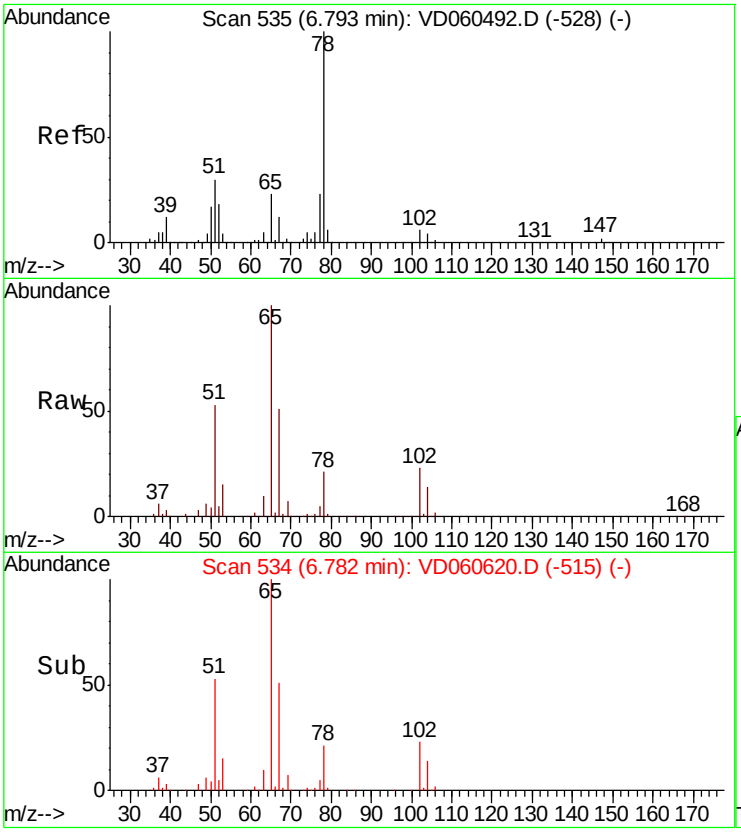


#25
2-Butanone
Concen: 5.677 ug/l
RT: 5.62 min Scan# 416
Delta R.T. -0.01 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion: 43 Resp: 21077

Ion	Ratio	Lower	Upper
43	100		
72	14.5	14.6	21.8#



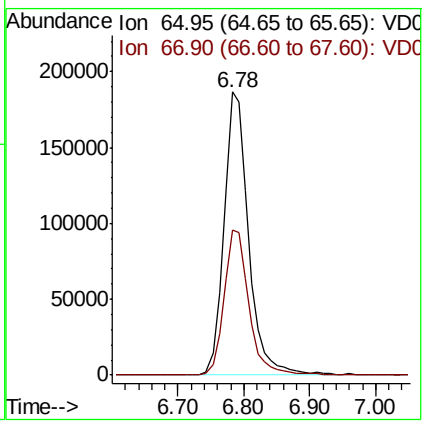


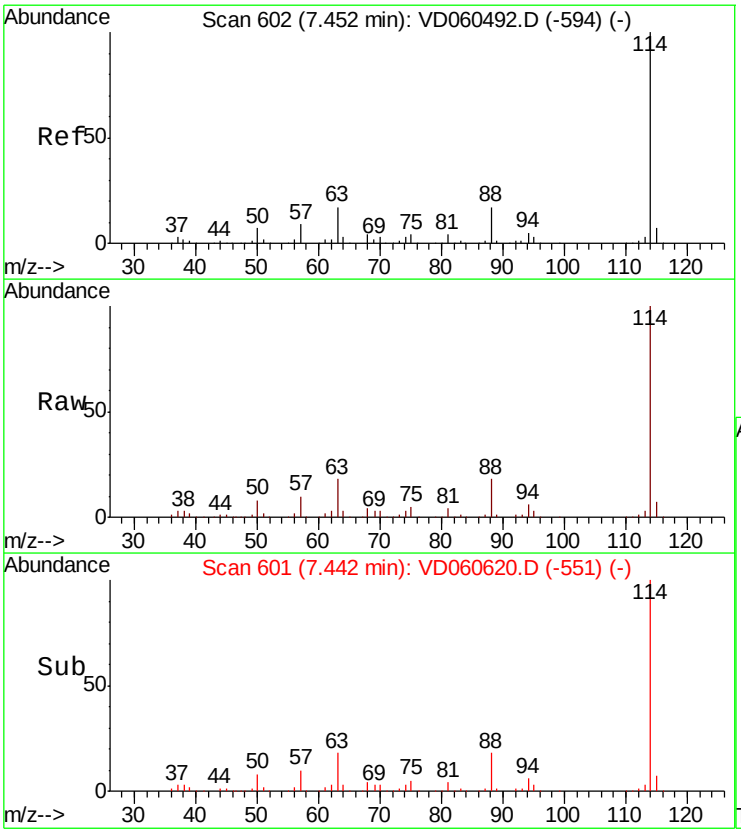
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.01 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Tgt Ion: 65 Resp: 486395

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.8

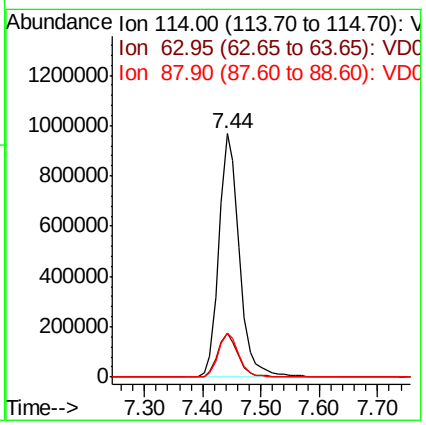


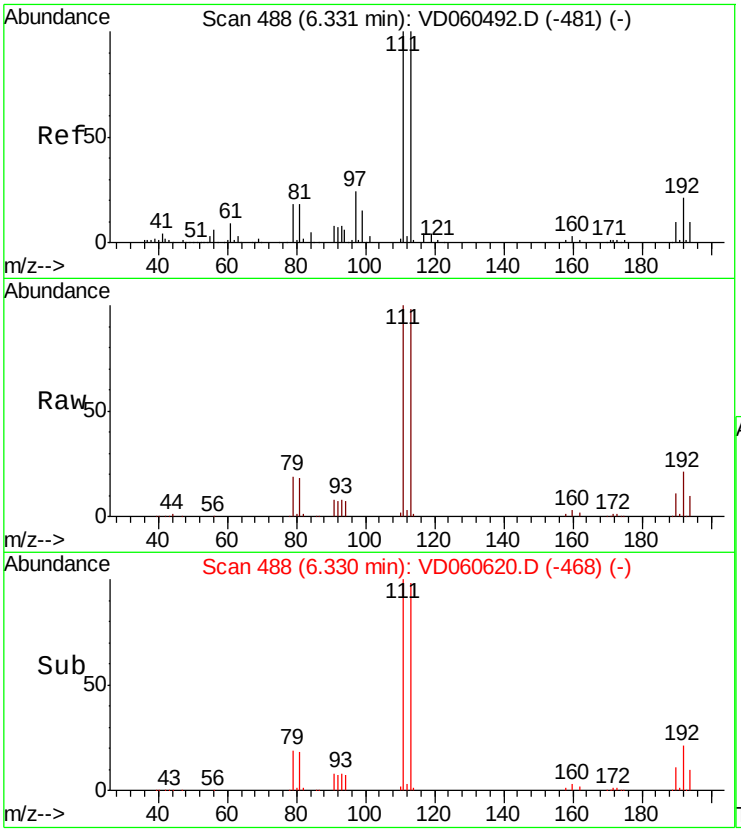


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. -0.01 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion:114 Resp: 2351591

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.2
88	18.0	0.0	35.0



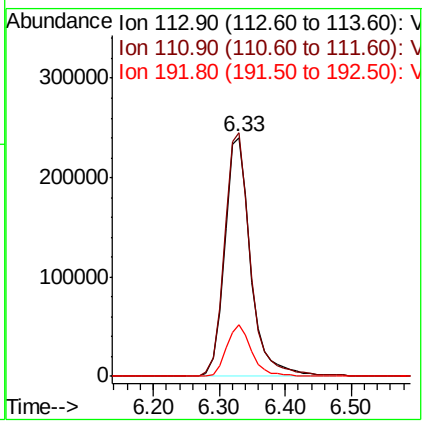


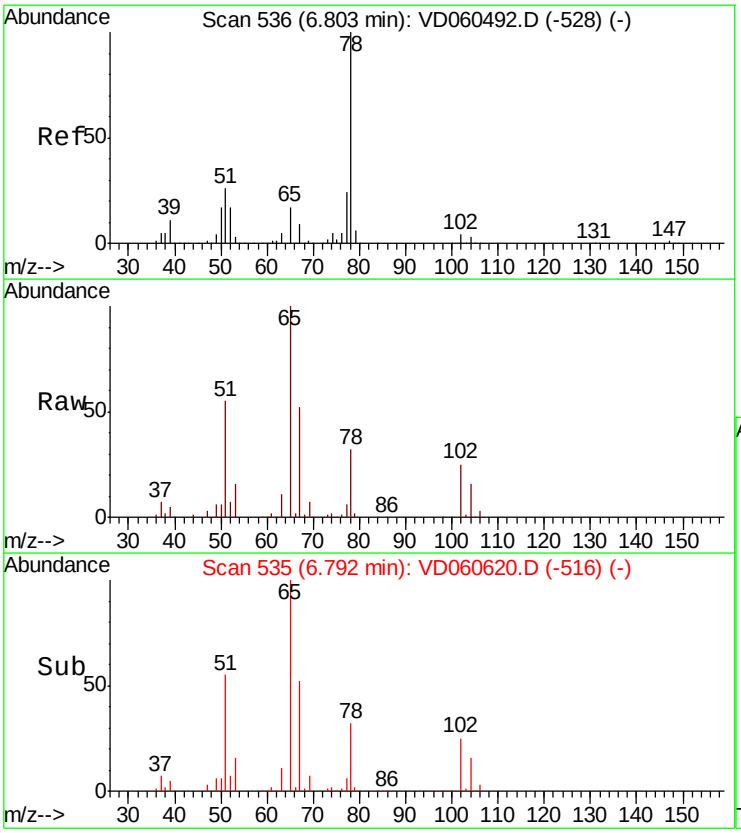
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-121718

Tgt Ion:113 Resp: 662211

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.2	120.4
192	21.5	16.6	24.8

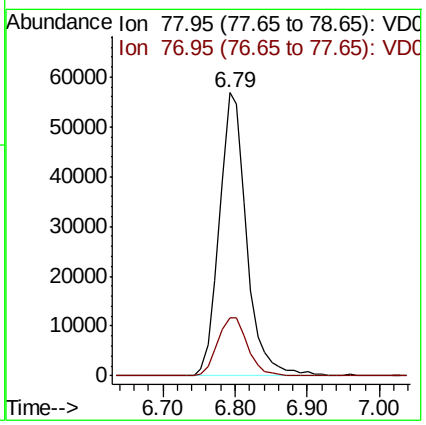


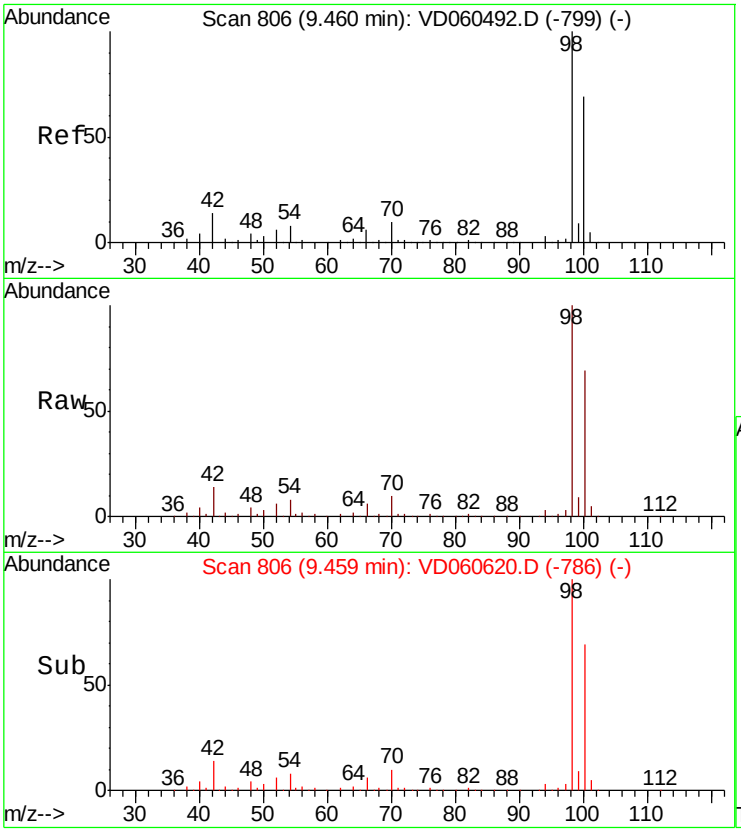


#40
Benzene
Concen: 2.521 ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion: 78 Resp: 148100

Ion	Ratio	Lower	Upper
78	100		
77	20.5	18.9	28.3



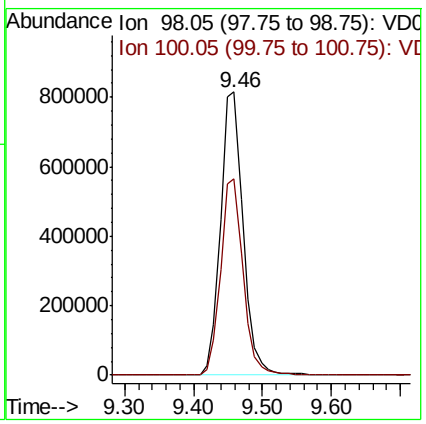


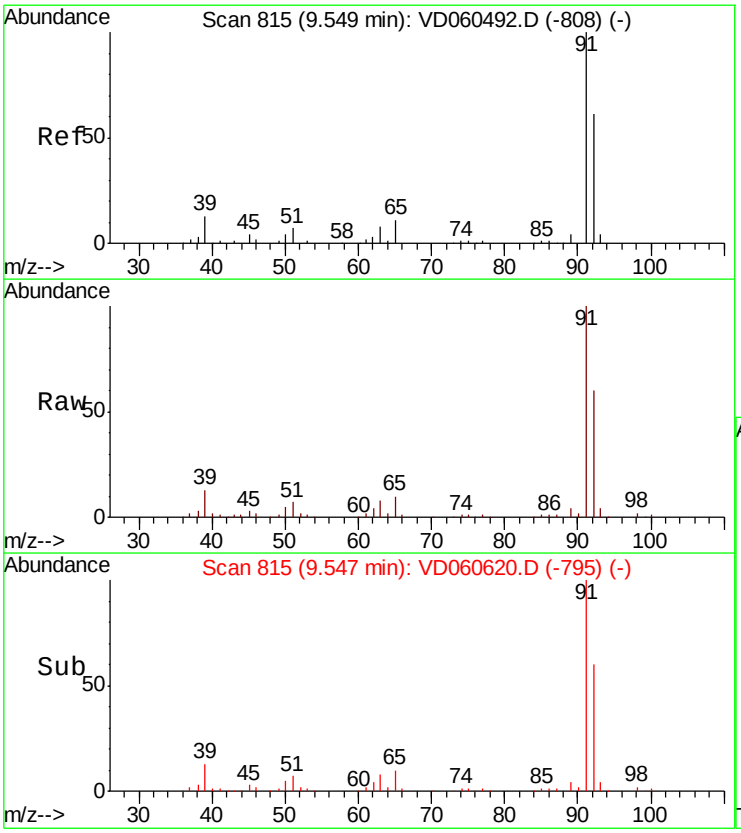
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-121718

Tgt Ion: 98 Resp: 1847695

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.7	83.5

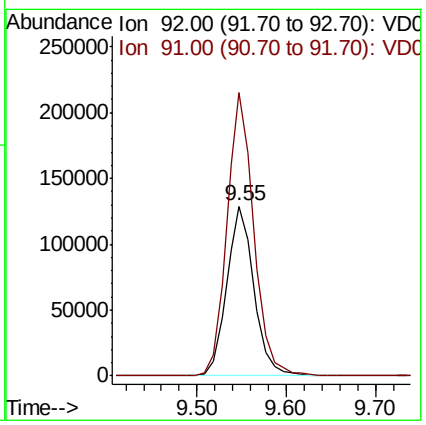


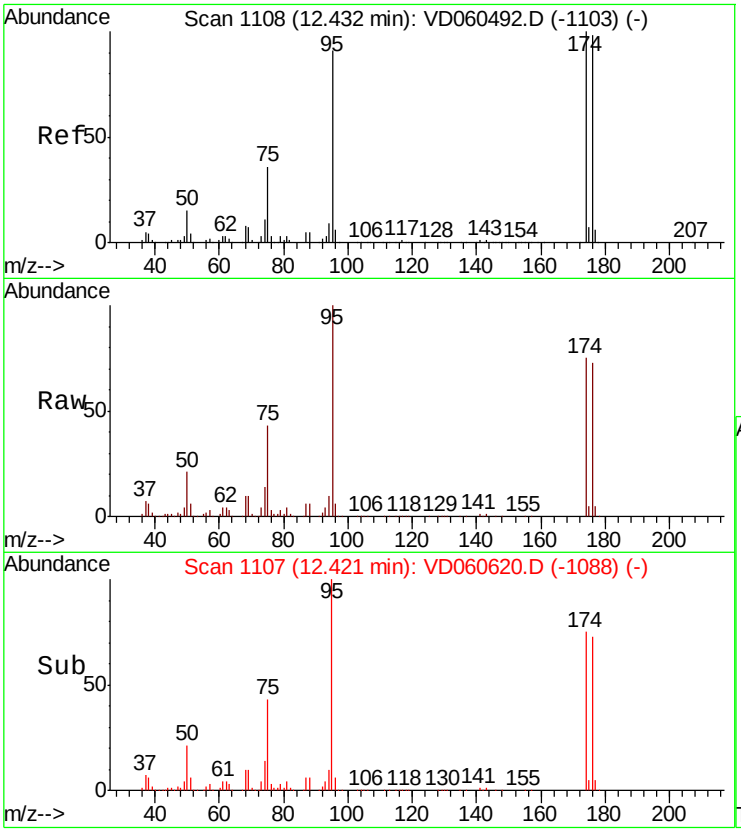


#52
Toluene
Concen: 7.523 ug/l
RT: 9.55 min Scan# 815
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion: 92 Resp: 276244

Ion	Ratio	Lower	Upper
92	100		
91	166.5	131.7	197.5



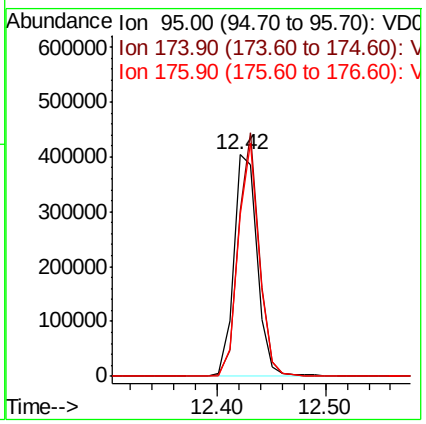


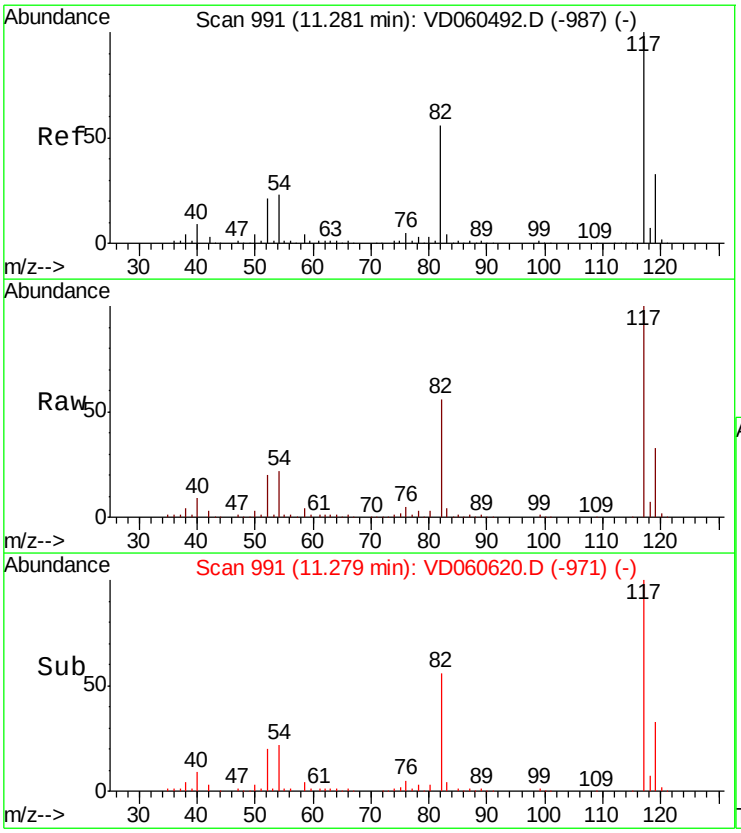
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Tgt Ion: 95 Resp: 609601

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	219.4
176	73.1	0.0	214.6

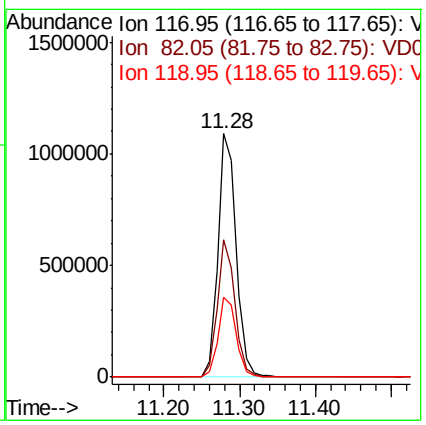


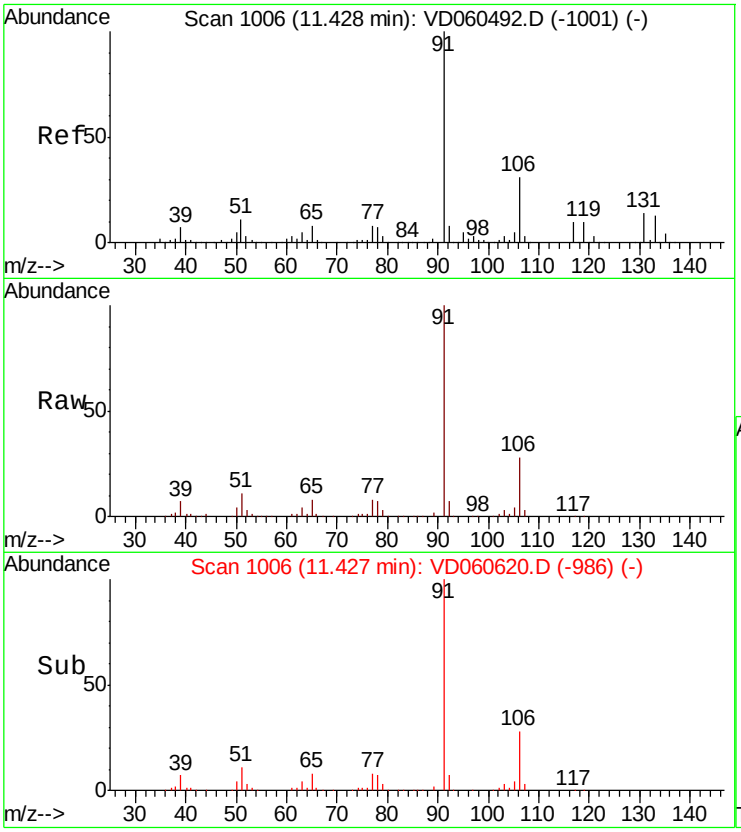


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion:117 Resp: 1839765

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.2	67.8
119	32.8	26.1	39.1



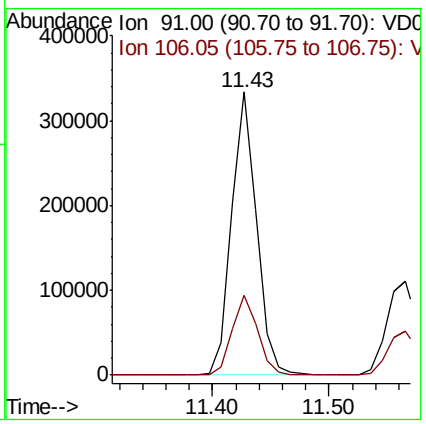


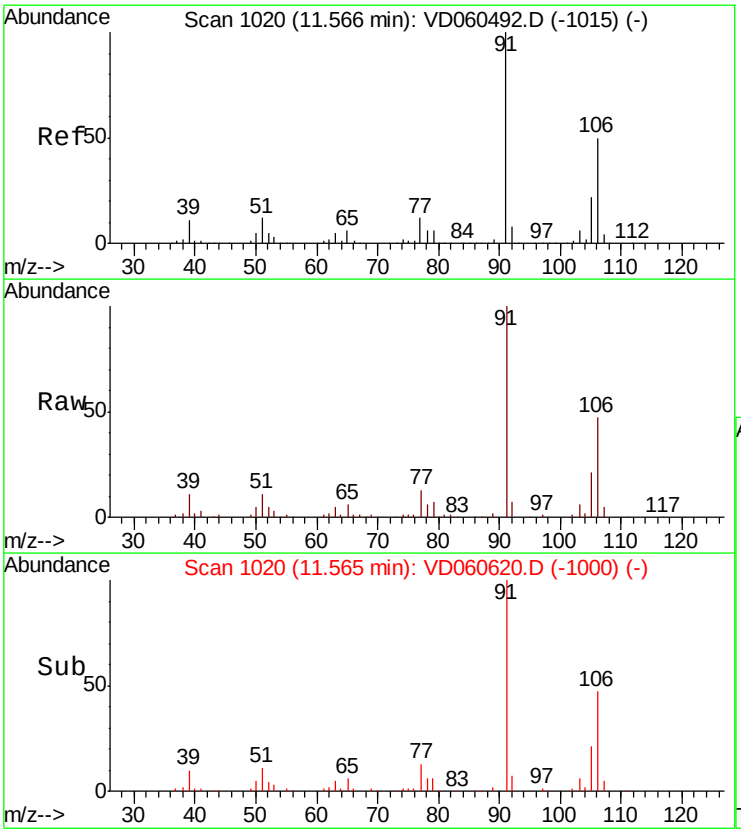
#67
Ethyl Benzene
Concen: 7.485 ug/l
RT: 11.43 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Tgt Ion: 91 Resp: 496898

Ion	Ratio	Lower	Upper
91	100		
106	28.0	24.6	37.0

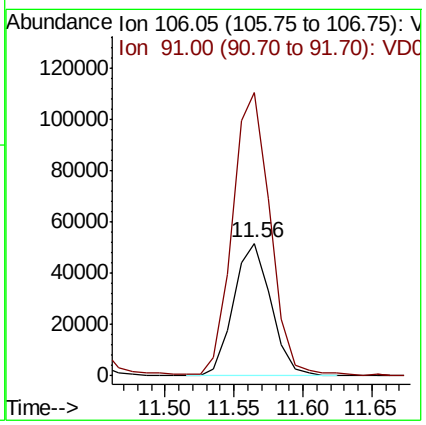


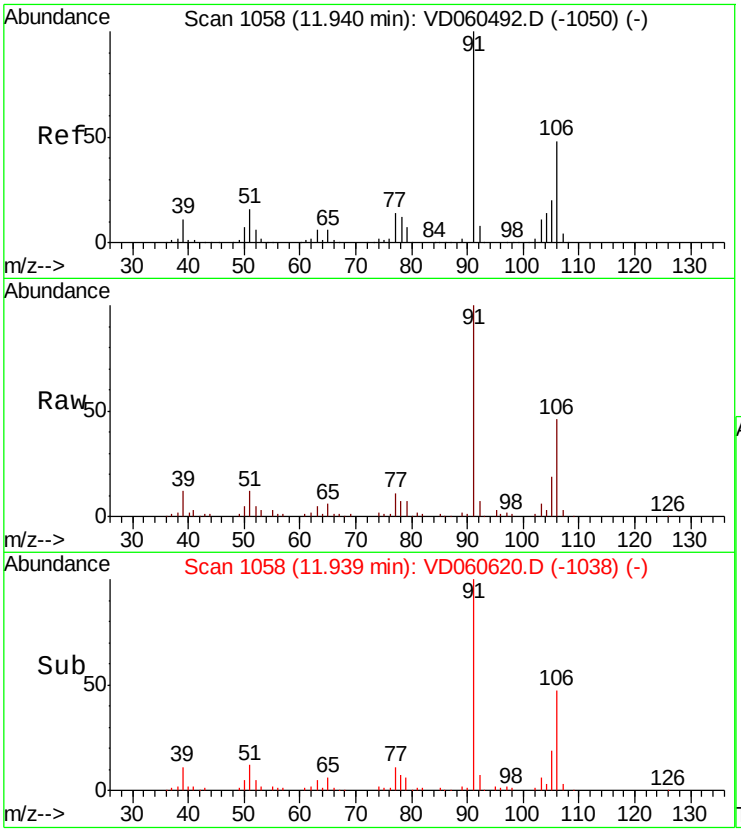


#68
m/p-Xylenes
Concen: 3.979 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion:106 Resp: 97723

Ion	Ratio	Lower	Upper
106	100		
91	213.5	160.5	240.7



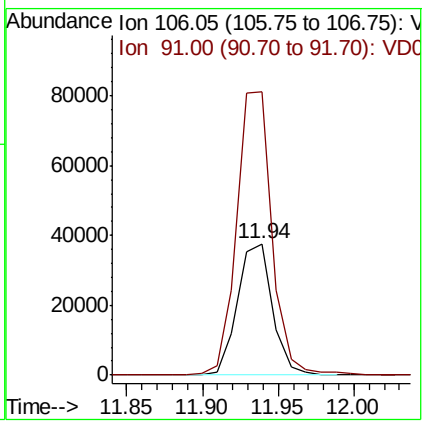


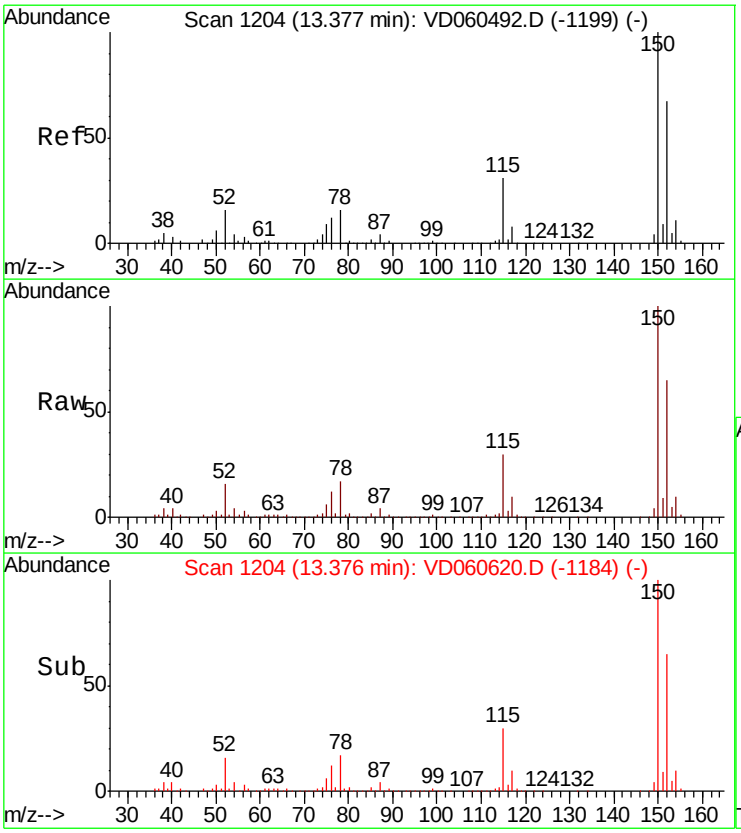
#69
o-Xylene
Concen: 2.564 ug/l
RT: 11.94 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Tgt Ion:106 Resp: 60003

Ion	Ratio	Lower	Upper
106	100		
91	215.5	103.4	310.1

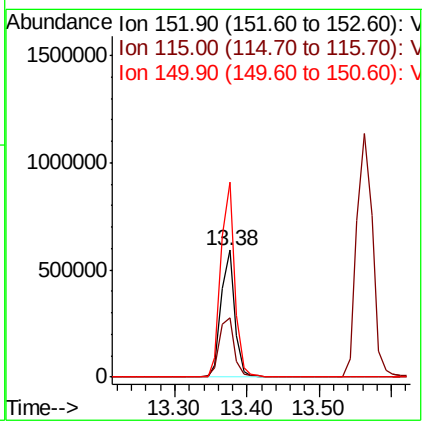


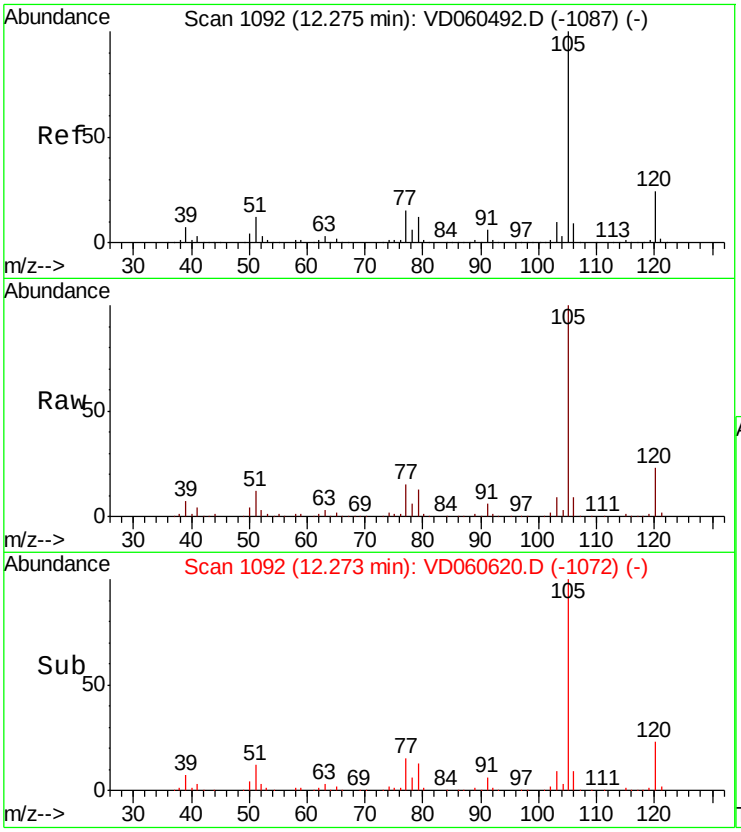


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion:152 Resp: 771800

Ion	Ratio	Lower	Upper
152	100		
115	46.8	24.6	74.0
150	153.7	0.0	309.0



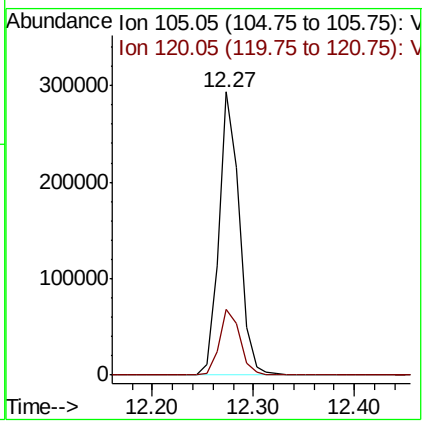


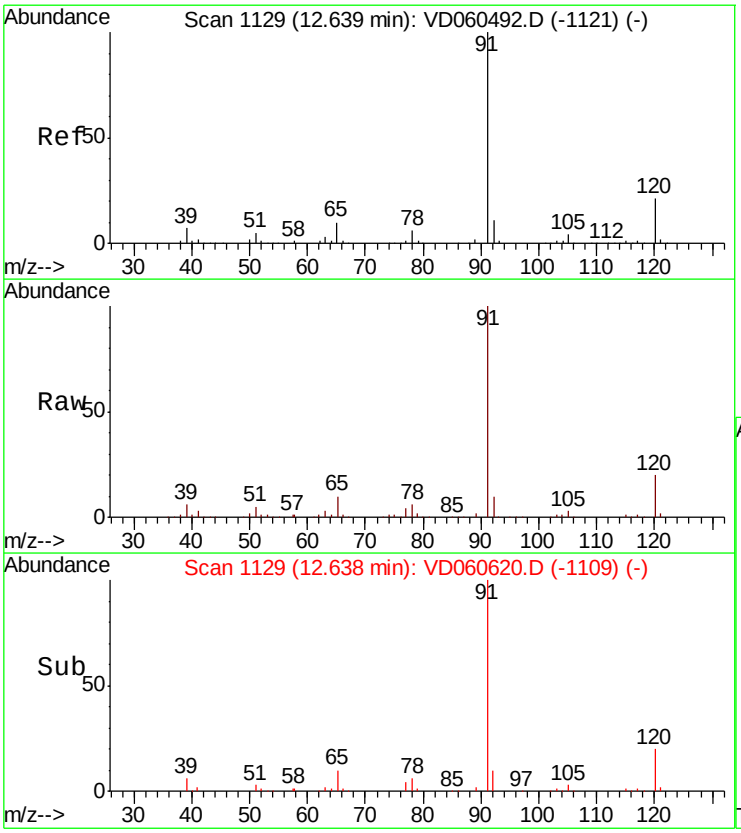
#73
Isopropylbenzene
Concen: 7.553 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument : MSVOA_D
ClientSampleId : OR-03-121718

Tgt Ion:105 Resp: 412501

Ion	Ratio	Lower	Upper
105	100		
120	23.4	11.9	35.9

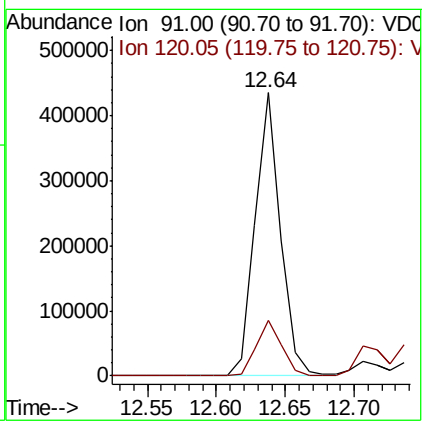


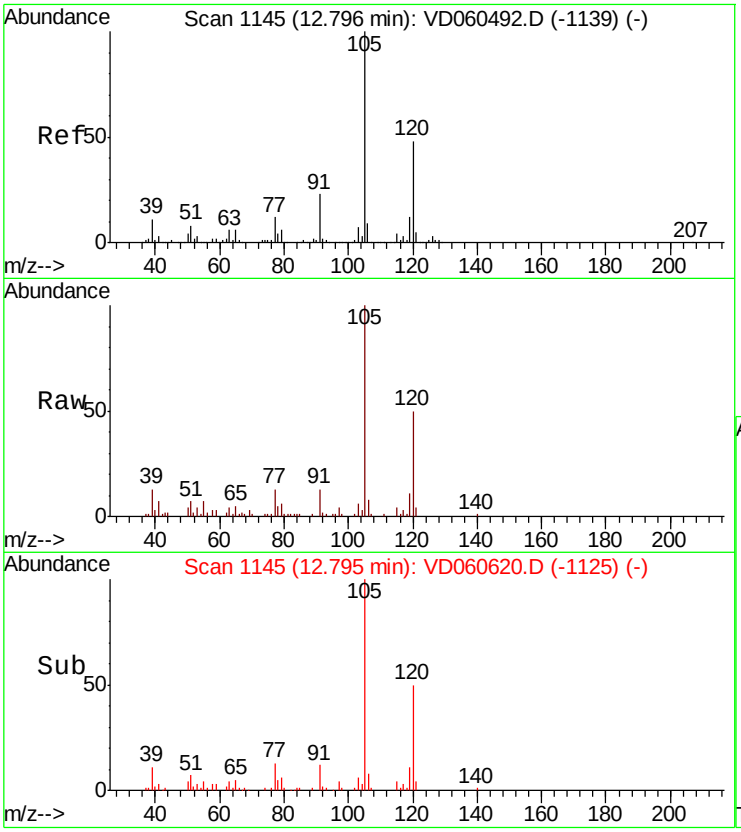


#78
n-propylbenzene
Concen: 8.131 ug/l
RT: 12.64 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion: 91 Resp: 561372

Ion	Ratio	Lower	Upper
91	100		
120	19.7	10.4	31.1



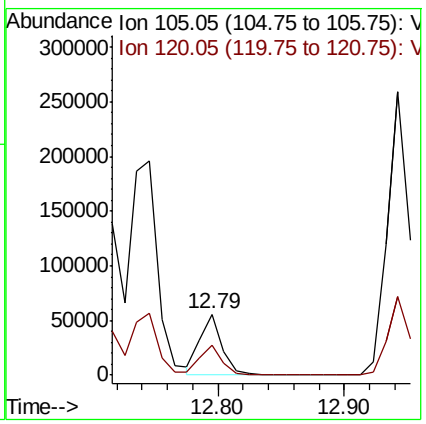


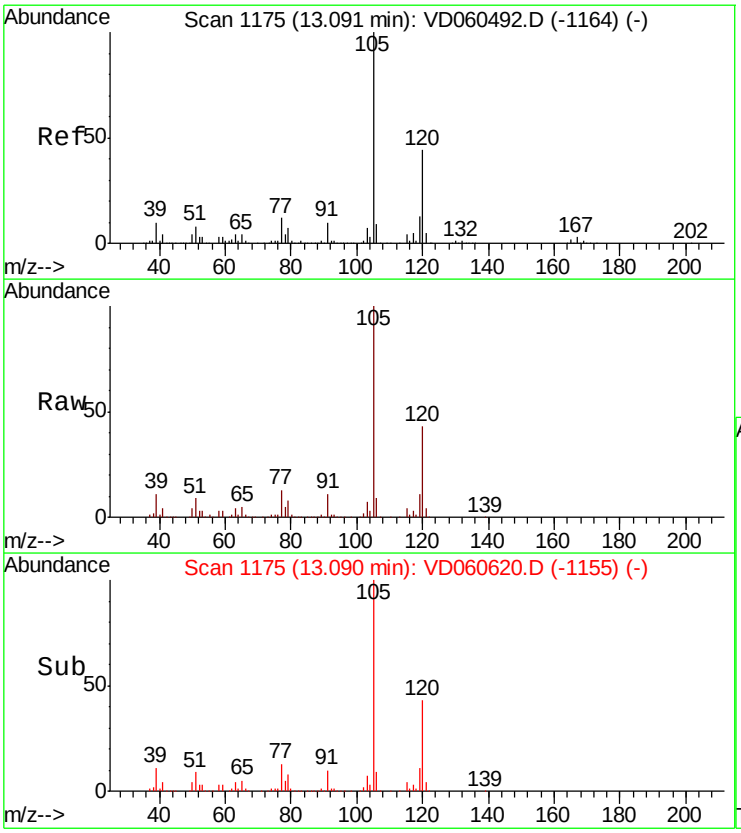
#80
1,3,5-Trimethylbenzene
Concen: 1.678 ug/l
RT: 12.79 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-121718

Tgt Ion:105 Resp: 70025

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.2	72.6

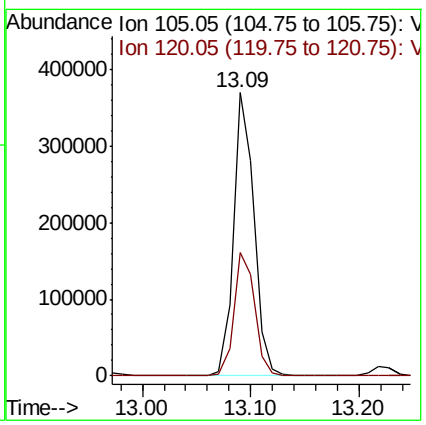


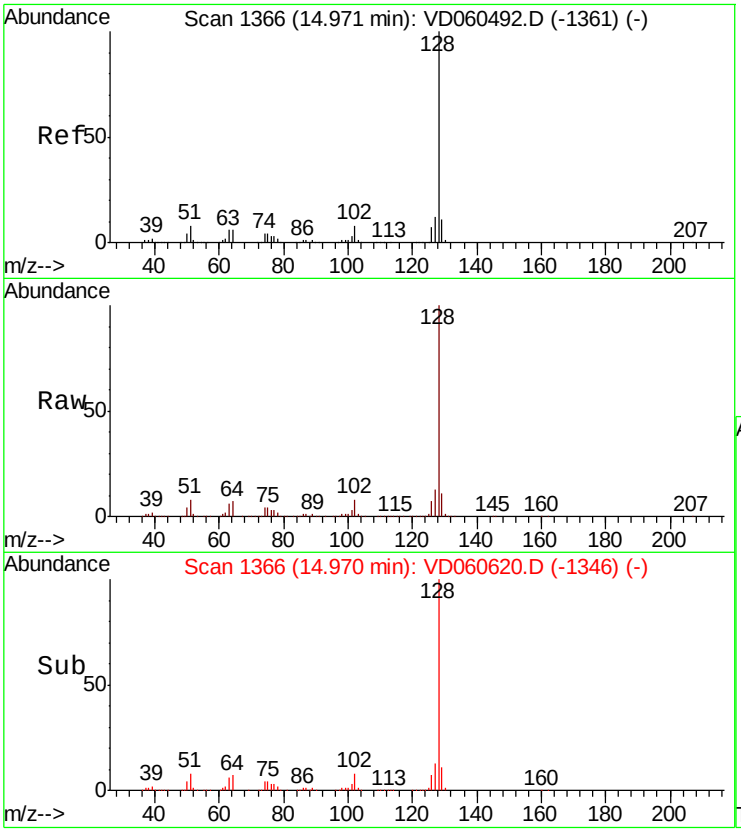


#84
1,2,4-Trimethylbenzene
Concen: 11.196 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Tgt Ion:105 Resp: 483792

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.3	66.8





#95
Naphthalene
Concen: 158.291 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VD060620.D
Acq: 18 Dec 2018 14:45

Instrument :
MSVOA_D
ClientSampleId :
OR-03-121718

Tgt Ion:128 Resp: 3126996

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	11.4	8.6	13.0