Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060717.D
Acq On : 26 Dec 2018 17:42
Operator : VA/AP
Sample : J6195-13
Misc : 7.04g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-01-122618-B

Quant Time: Dec 27 10:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1562256	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	2188031	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1599909	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	605078	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	561805	52.04	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.08%			
35) Dibromofluoromethane	6.31	113	781912	48.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.64%			
50) Toluene-d8	9.44	98	1964014	41.10	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.20%			
62) 4-Bromofluorobenzene	12.41	95	606138	36.22	ug/l	-0.01
Spiked Amount 50.000			Recovery = 72.44%			
Target Compounds						Qvalue
16) Acetone	3.16	43	45526	24.146	ug/l #	90
20) Methylene Chloride	3.72	84	117127	5.982	ug/l	97
52) Toluene	9.52	92	42905	1.176	ug/l	98
69) o-Xylene	11.92	106	36381	1.733	ug/l	90
78) n-propylbenzene	12.62	91	71406	1.296	ug/l	97
80) 1,3,5-Trimethylbenzene	12.78	105	170603	5.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.08	105	249411	7.279	ug/l	99
85) sec-Butylbenzene	13.20	105	52961	1.147	ug/l	95
86) p-Isopropyltoluene	13.32	119	44055	1.182	ug/l	95
95) Naphthalene	14.96	128	51699	3.264	ug/l #	94

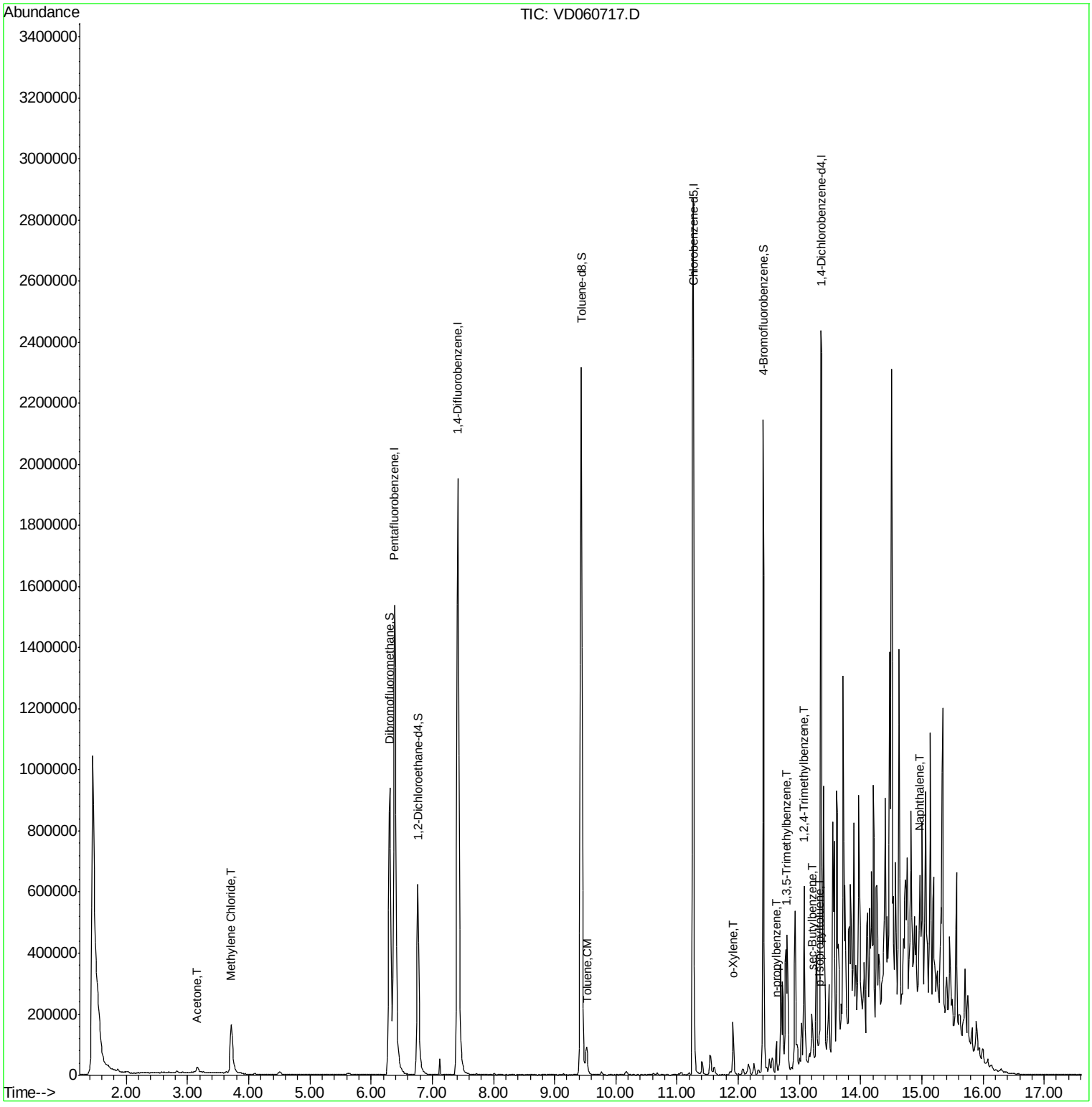
(#) = qualifier out of range (m) = manual integration (+) = signals summed

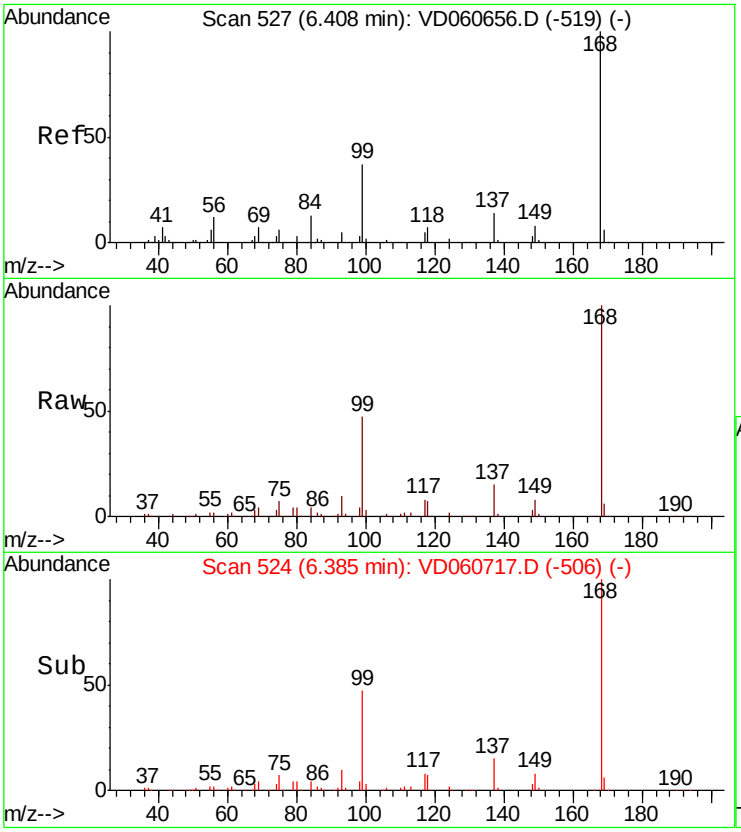
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060717.D
Acq On : 26 Dec 2018 17:42
Operator : VA/AP
Sample : J6195-13
Misc : 7.04g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Quant Time: Dec 27 10:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

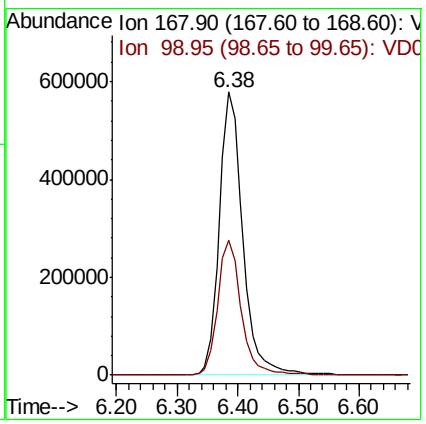




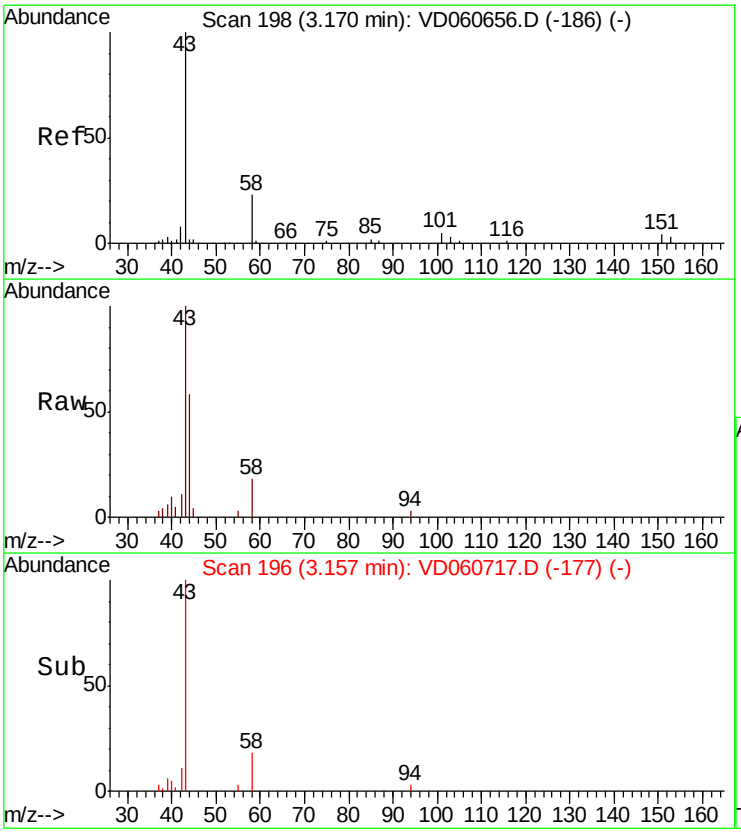
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.38 min Scan# 524
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:168 Resp: 1562256

Ion	Ratio	Lower	Upper
168	100		
99	47.5	38.7	58.1



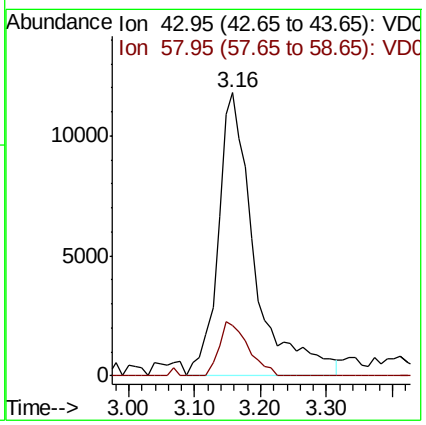
Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

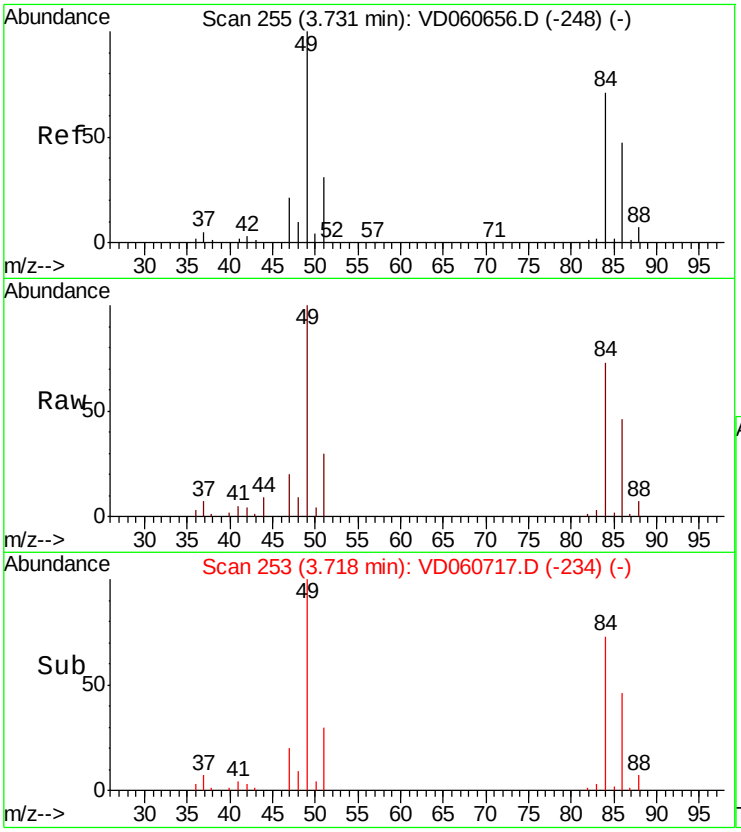


#16
Acetone
Concen: 24.146 ug/l
RT: 3.16 min Scan# 196
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion: 43 Resp: 45526

Ion	Ratio	Lower	Upper
43	100		
58	17.8	18.2	27.2#



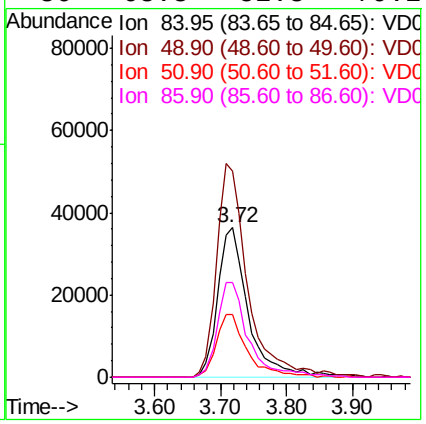


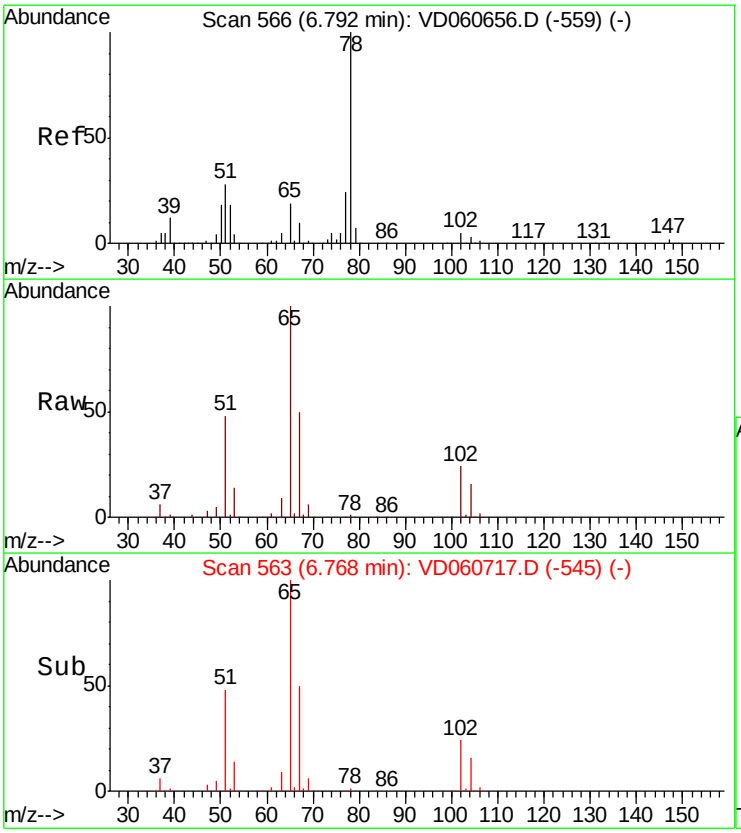
#20
Methylene Chloride
Concen: 5.982 ug/l
RT: 3.72 min Scan# 253
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument : MSVOA_D
ClientSampleId : OR-01-122618-B

Tgt Ion: 84 Resp: 117127

Ion	Ratio	Lower	Upper
84	100		
49	137.9	113.6	170.4
51	41.9	34.7	52.1
86	63.3	52.8	79.2

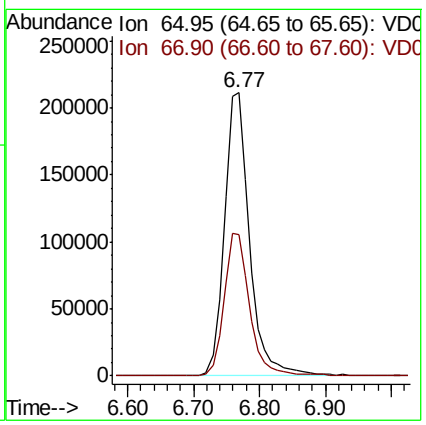


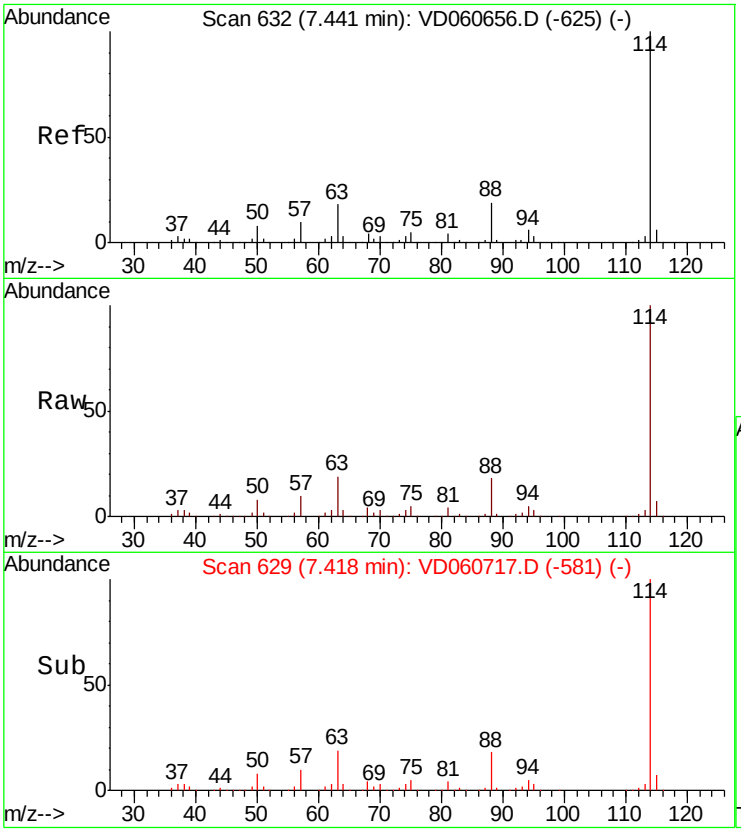


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.77 min Scan# 563
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion: 65 Resp: 561805

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	105.4



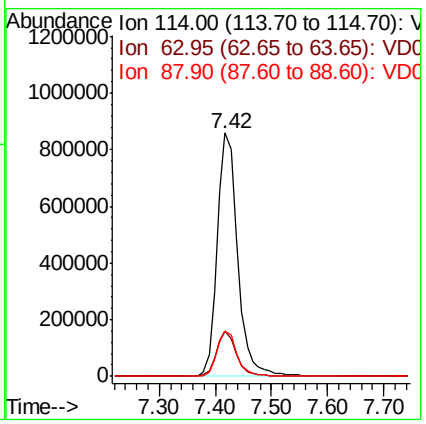


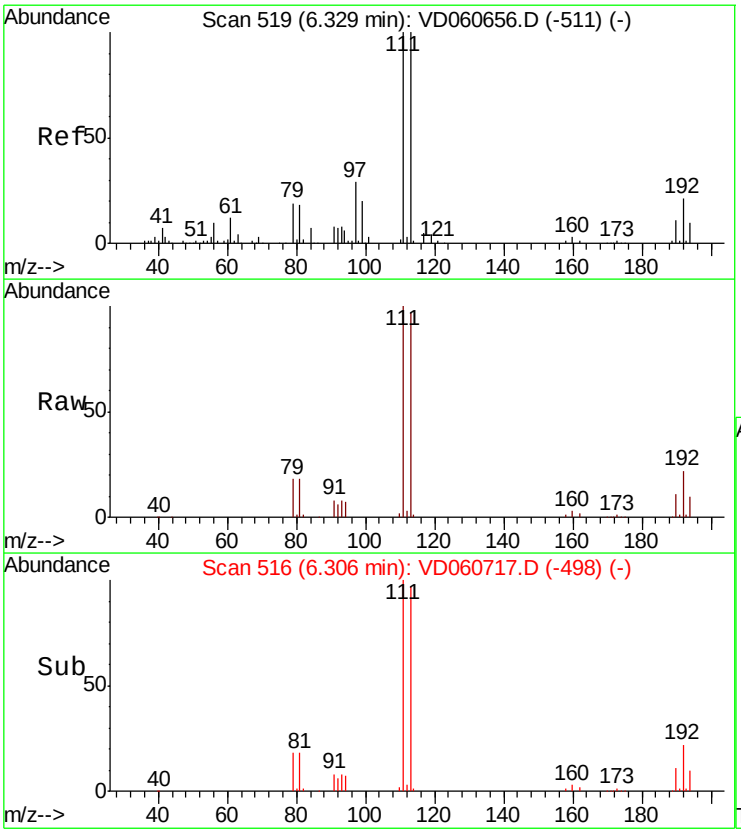
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 629
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tgt Ion:114 Resp: 2188031

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.2
88	18.4	0.0	37.0

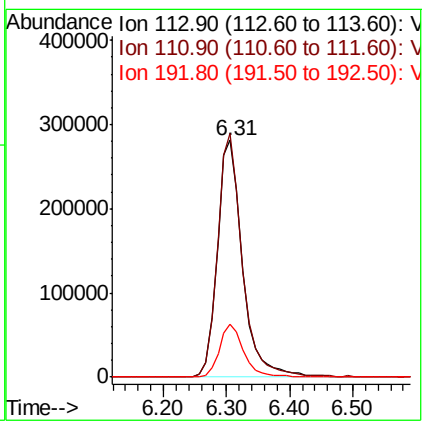


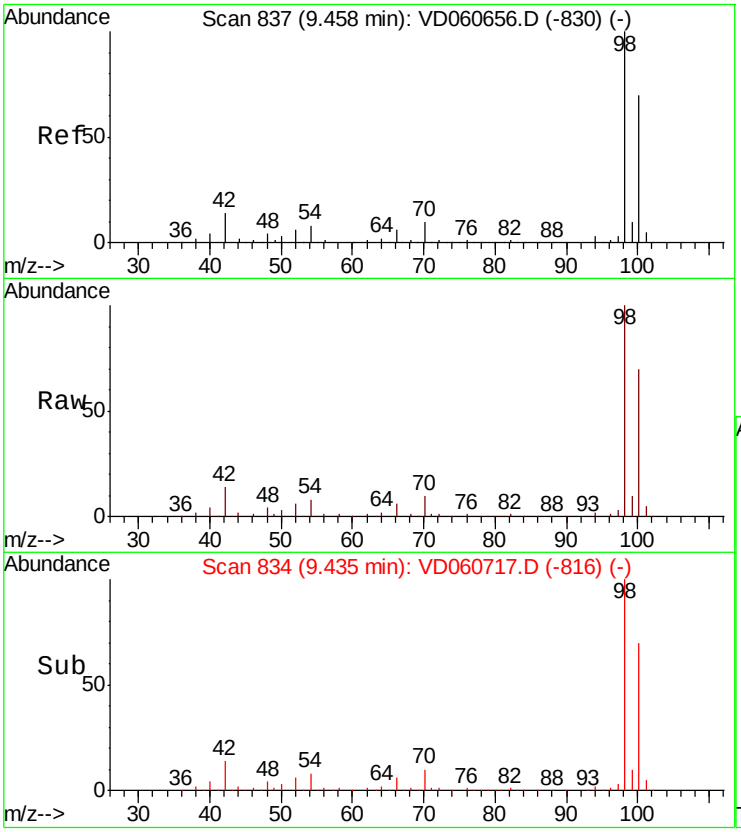


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 516
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:113 Resp: 781912

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.0	120.0
192	22.5	16.6	25.0

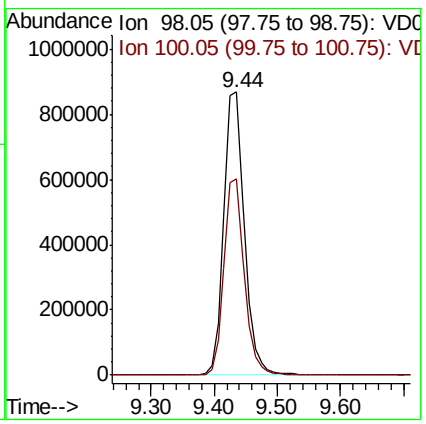




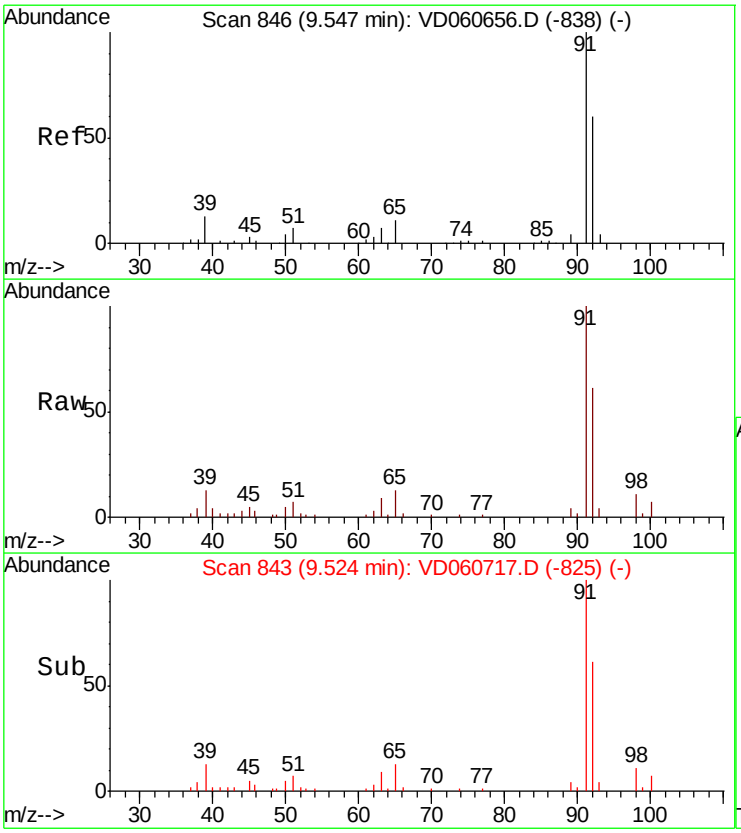
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 834
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion: 98 Resp: 1964014

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.8	83.8



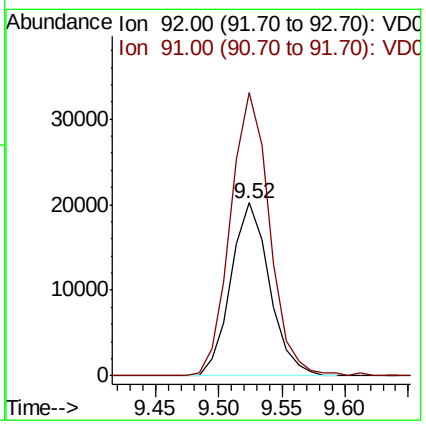
Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

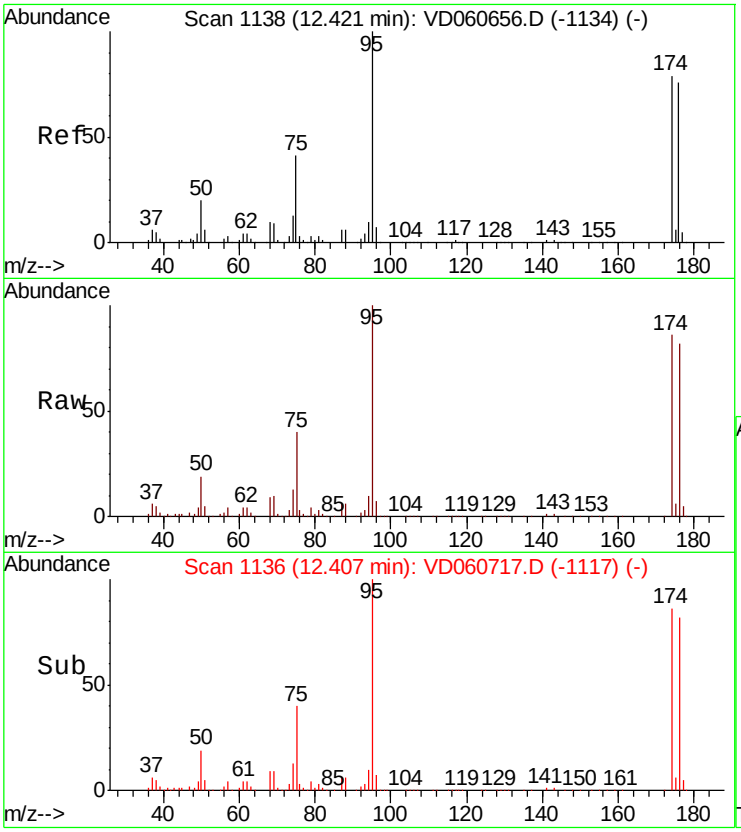


#52
Toluene
Concen: 1.176 ug/l
RT: 9.52 min Scan# 843
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion: 92 Resp: 42905

Ion	Ratio	Lower	Upper
92	100		
91	163.6	132.6	199.0



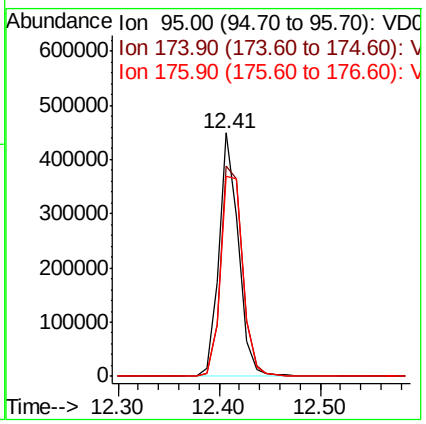


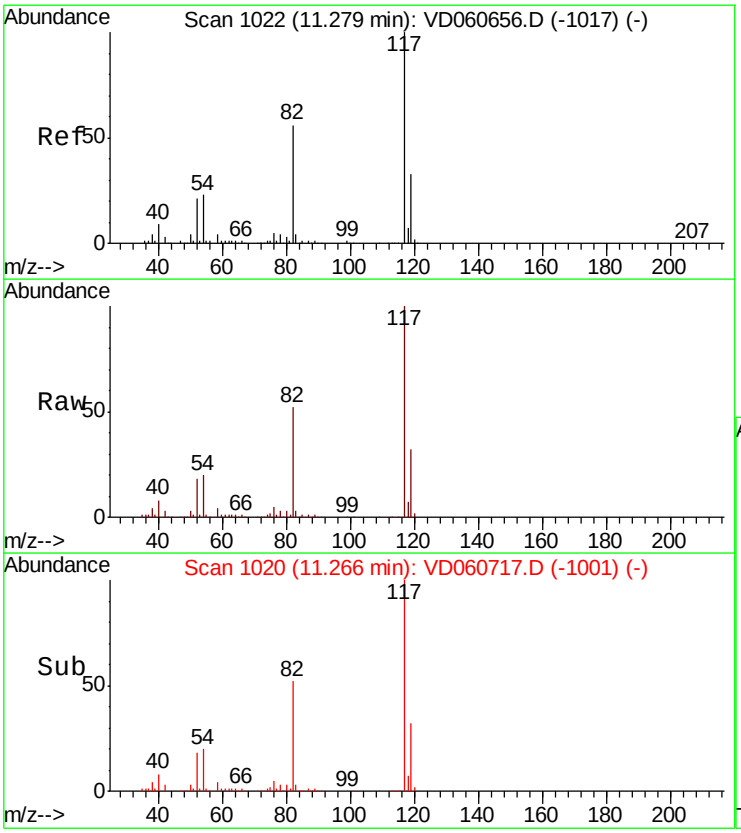
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tgt Ion: 95 Resp: 606138

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	158.2
176	82.0	0.0	152.4

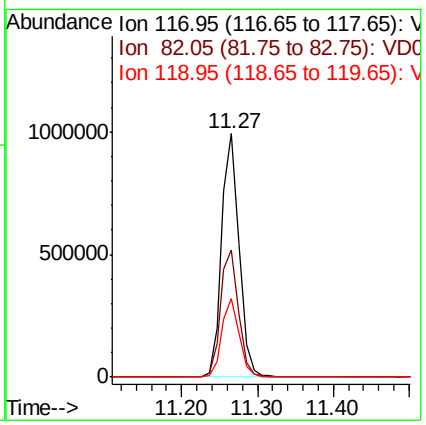


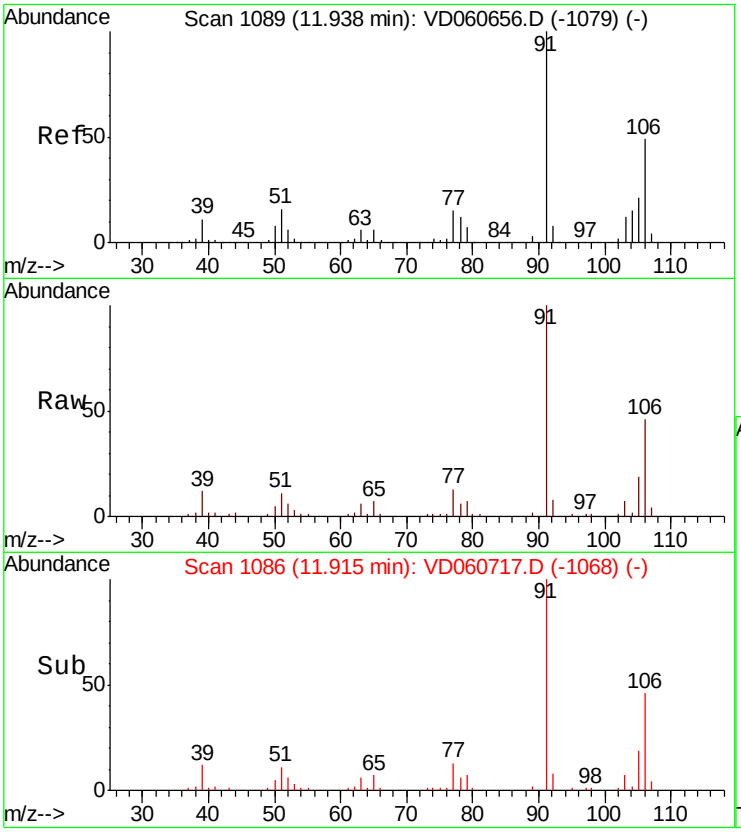


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:117 Resp: 1599909

Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.5	66.7
119	32.3	26.3	39.5



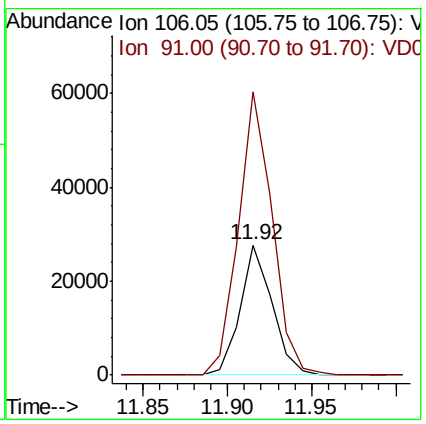


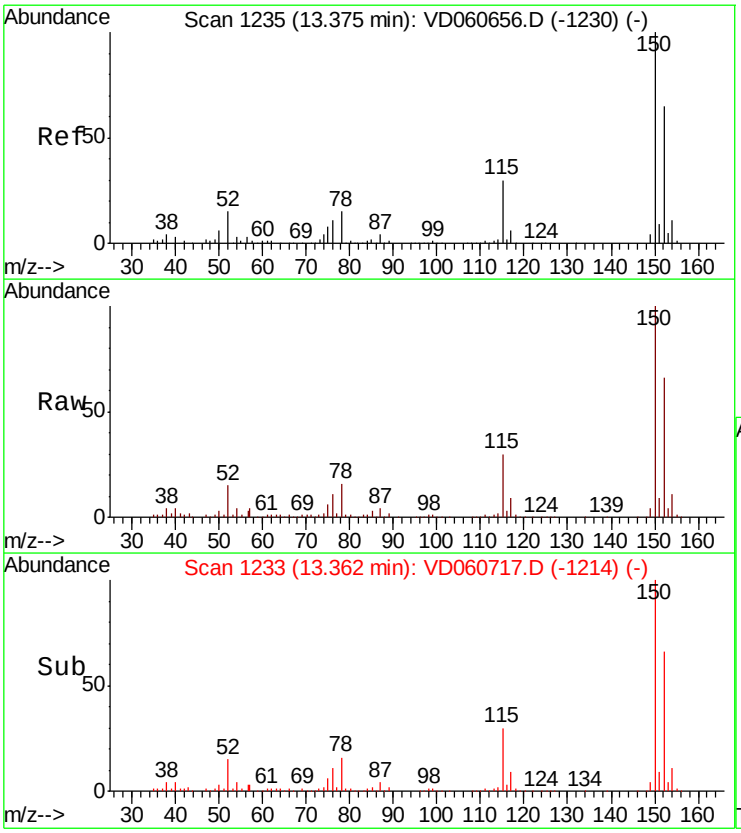
#69
o-Xylene
Concen: 1.733 ug/l
RT: 11.92 min Scan# 1086
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tgt Ion:106 Resp: 36381

Ion	Ratio	Lower	Upper
106	100		
91	217.8	101.5	304.5

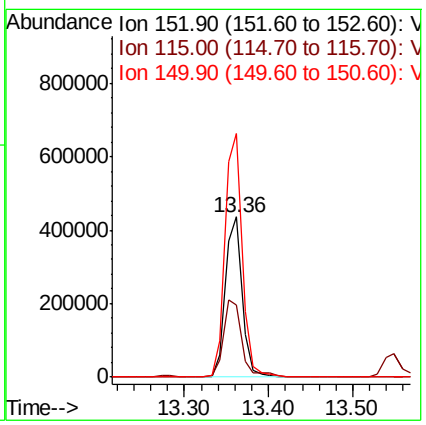


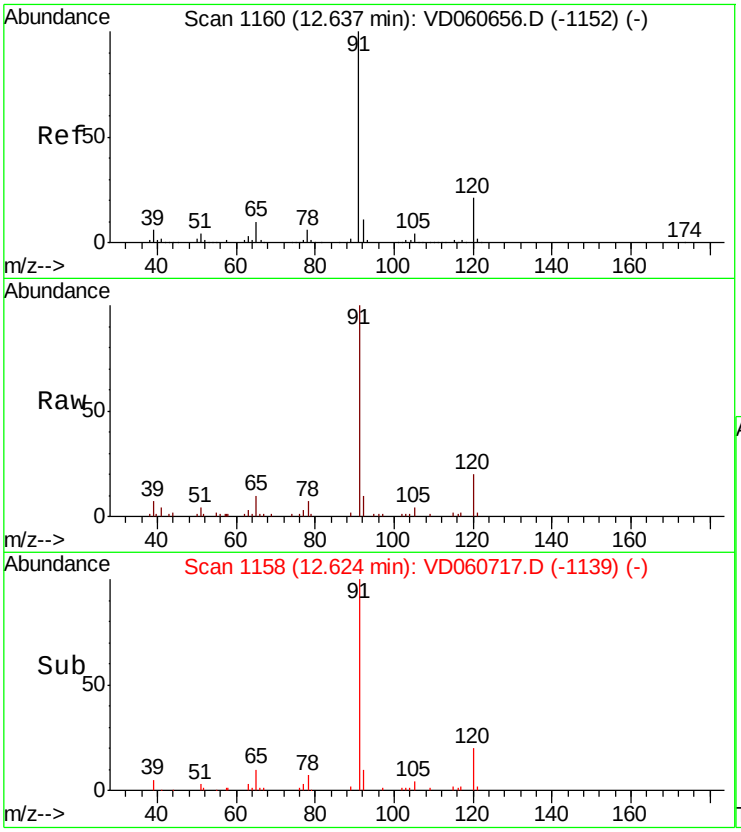


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:152 Resp: 605078

Ion	Ratio	Lower	Upper
152	100		
115	45.0	24.1	72.3
150	152.3	0.0	315.0



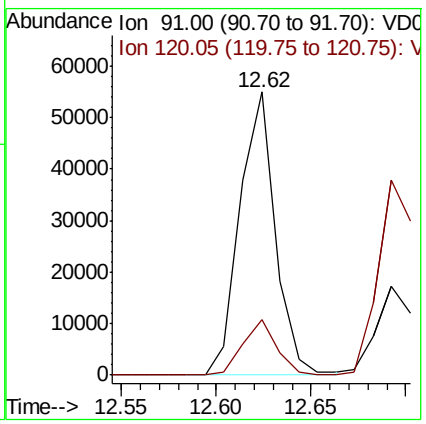


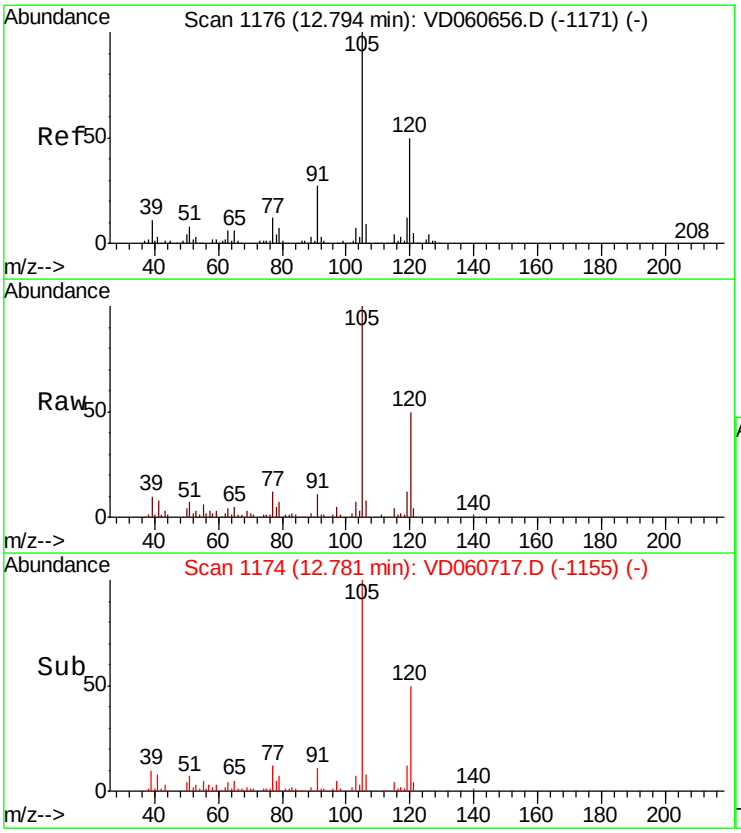
#78
n-propylbenzene
Concen: 1.296 ug/l
RT: 12.62 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument : MSVOA_D
ClientSampleId : OR-01-122618-B

Tgt Ion: 91 Resp: 71406

Ion	Ratio	Lower	Upper
91	100		
120	19.5	10.4	31.2

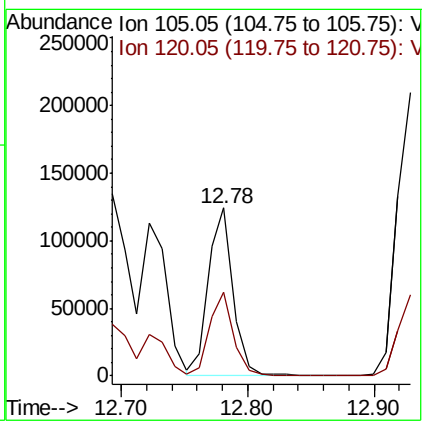


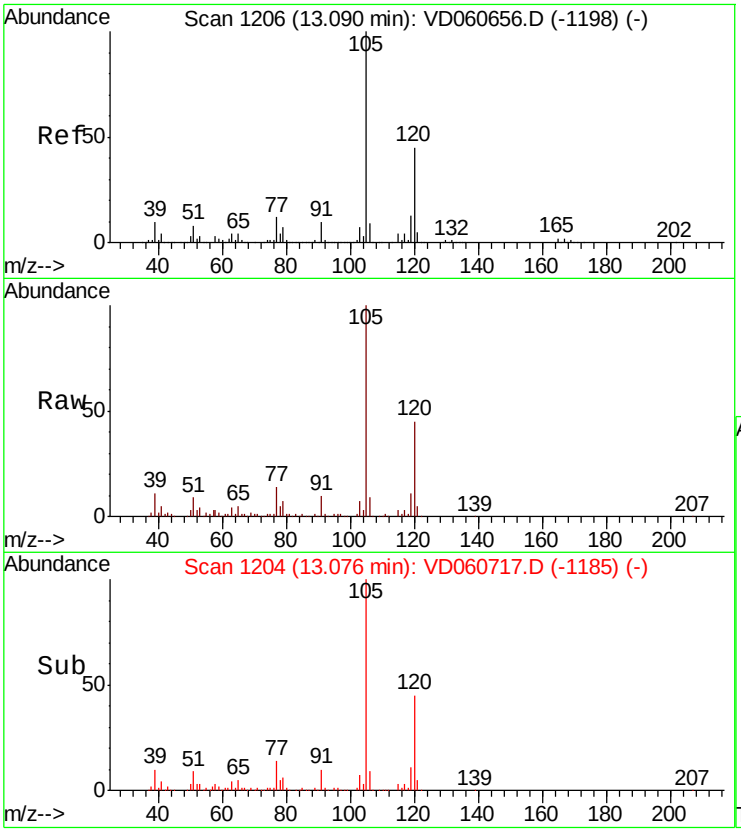


#80
1,3,5-Trimethylbenzene
Concen: 5.128 ug/l
RT: 12.78 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:105 Resp: 170603

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.8	74.4



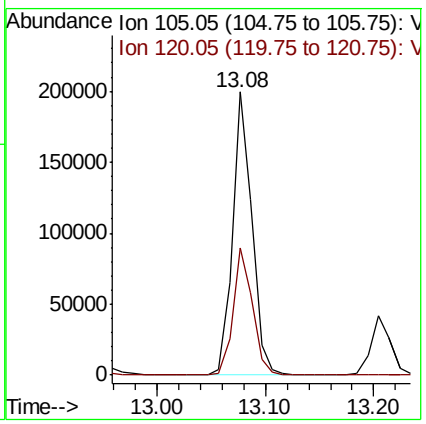


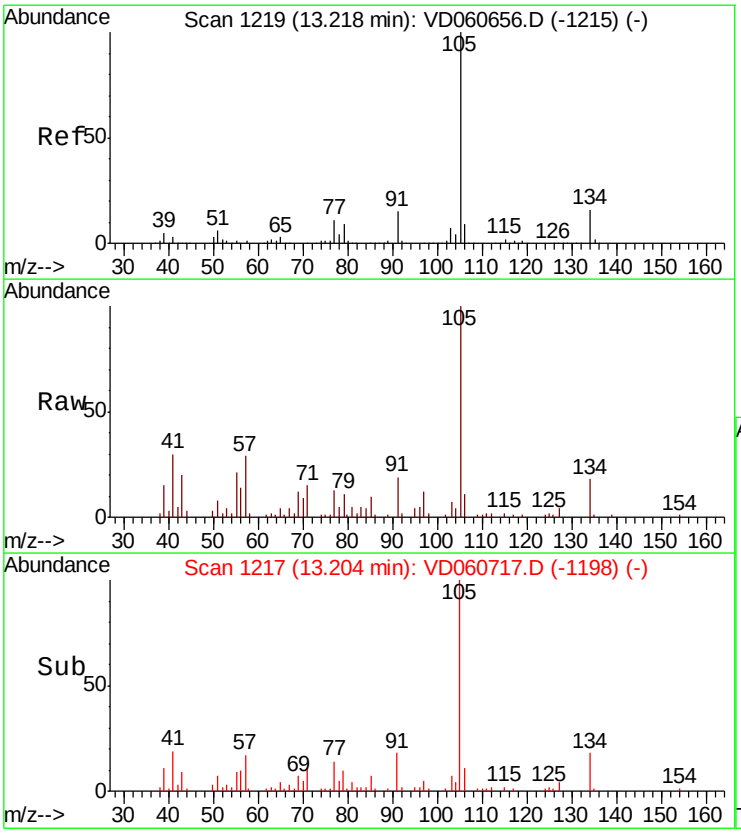
#84
1,2,4-Trimethylbenzene
Concen: 7.279 ug/l
RT: 13.08 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tgt Ion:105 Resp: 249411

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.0

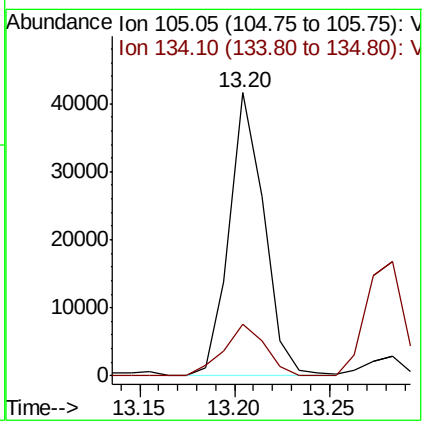


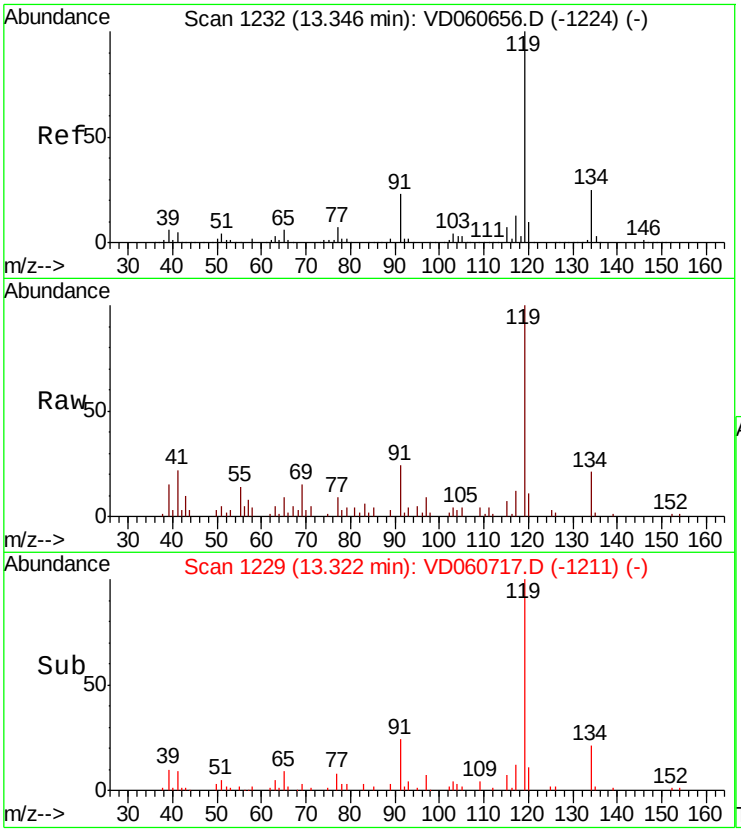


#85
sec-Butylbenzene
Concen: 1.147 ug/l
RT: 13.20 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:105 Resp: 52961

Ion	Ratio	Lower	Upper
105	100		
134	18.3	8.2	24.4



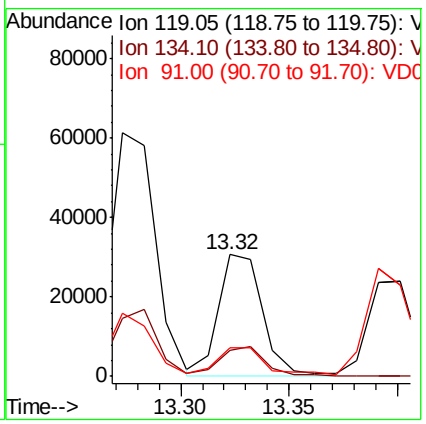


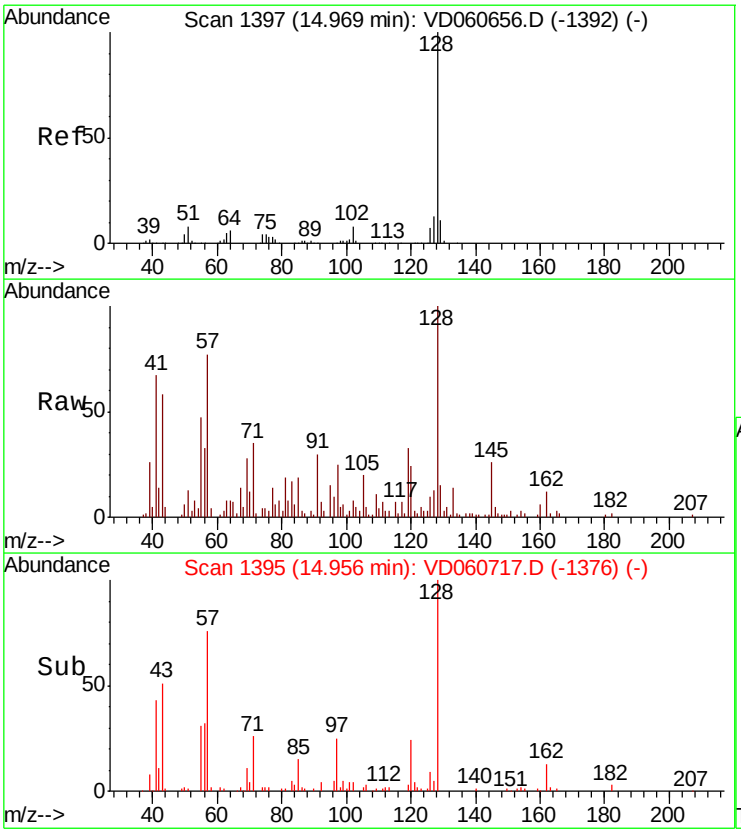
#86
p-Isopropyltoluene
Concen: 1.182 ug/l
RT: 13.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-B

Tgt Ion:119 Resp: 44055

Ion	Ratio	Lower	Upper
119	100		
134	21.1	12.5	37.5
91	23.6	11.4	34.2





#95
Naphthalene
Concen: 3.264 ug/l
RT: 14.96 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VD060717.D
Acq: 26 Dec 2018 17:42

Tgt Ion:128 Resp: 51699

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	14.5	8.6	13.0#