Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 27 02:52:24 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	6.39	168	1488790	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	2018584	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1546021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	645446	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	454716	44.20	ug/l	-0.02
Spiked Amount 50.000			Recovery = 88.40%			
35) Dibromofluoromethane	6.31	113	615746	41.68	ug/l	-0.02
Spiked Amount 50.000			Recovery = 83.36%			
50) Toluene-d8	9.43	98	1678592	38.08	ug/l	-0.03
Spiked Amount 50.000			Recovery = 76.16%			
62) 4-Bromofluorobenzene	12.41	95	533370	34.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.10%			
Target Compounds						Qvalue
16) Acetone	3.16	43	25581	14.237	ug/l	97
20) Methylene Chloride	3.72	84	44446	2.382	ug/l	98
52) Toluene	9.53	92	48126	1.430	ug/l	96
69) o-Xylene	11.92	106	37909	1.869	ug/l	94
78) n-propylbenzene	12.62	91	76454	1.301	ug/l	91
80) 1,3,5-Trimethylbenzene	12.78	105	170202	4.796	ug/l	96
84) 1,2,4-Trimethylbenzene	13.08	105	252537	6.910	ug/l	100
85) sec-Butylbenzene	13.21	105	57260	1.163	ug/l	93
86) p-Isopropyltoluene	13.33	119	44381	1.116	ug/l	94
95) Naphthalene	14.95	128	68722	4.067	ug/l #	93

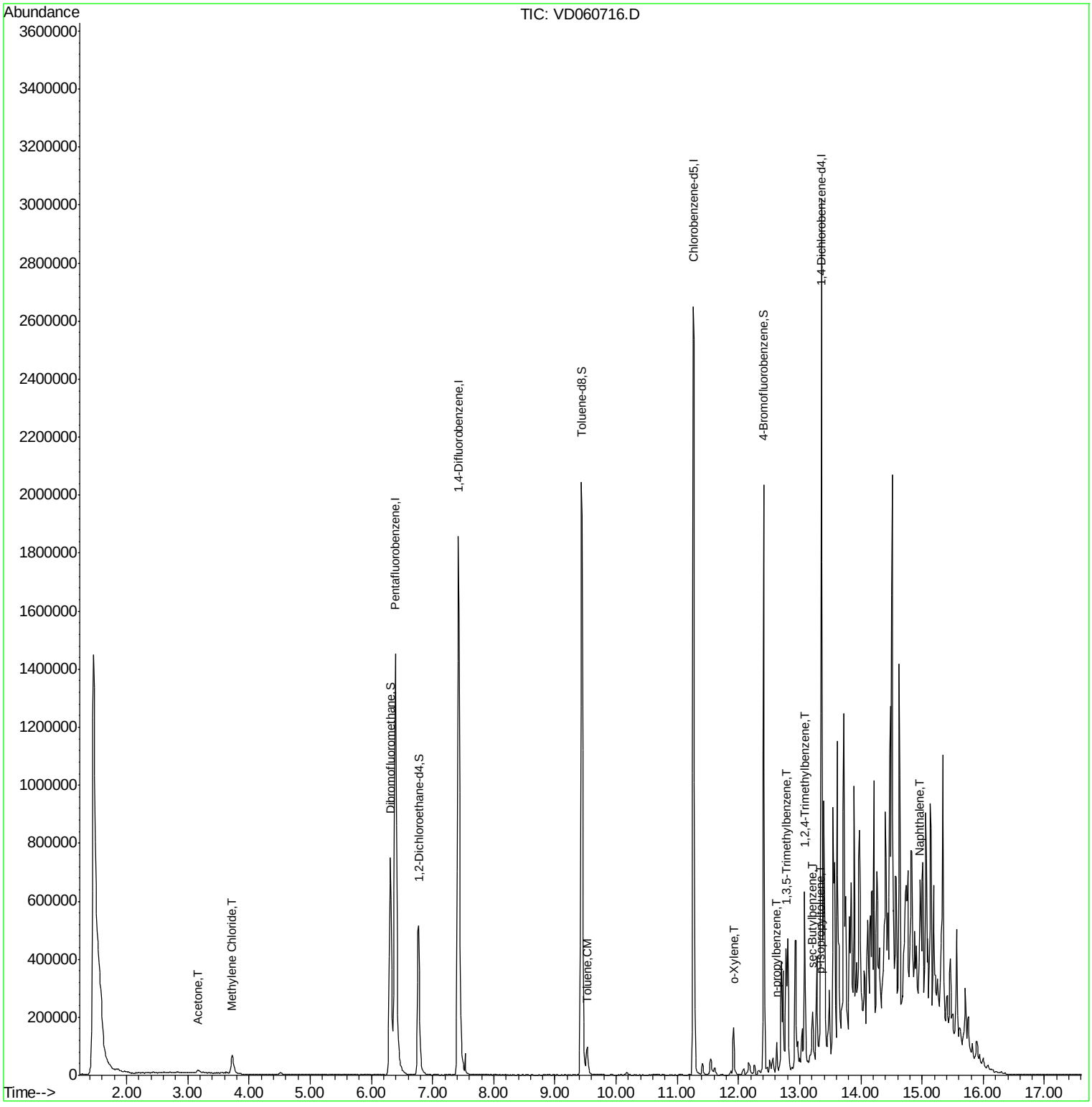
(#) = qualifier out of range (m) = manual integration (+) = signals summed

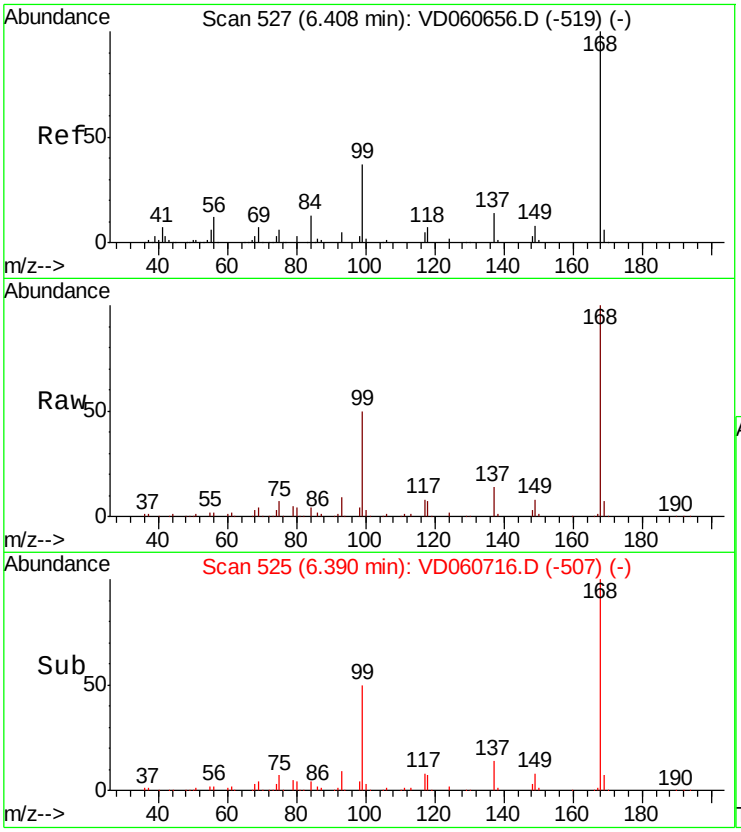
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 27 02:52:24 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



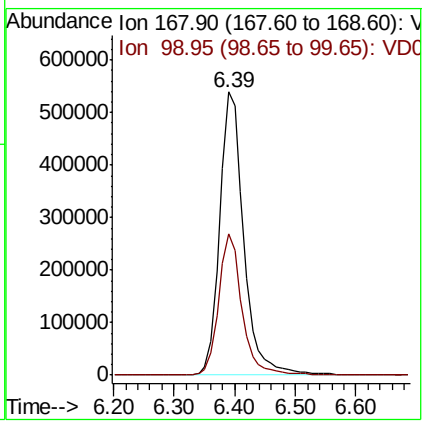


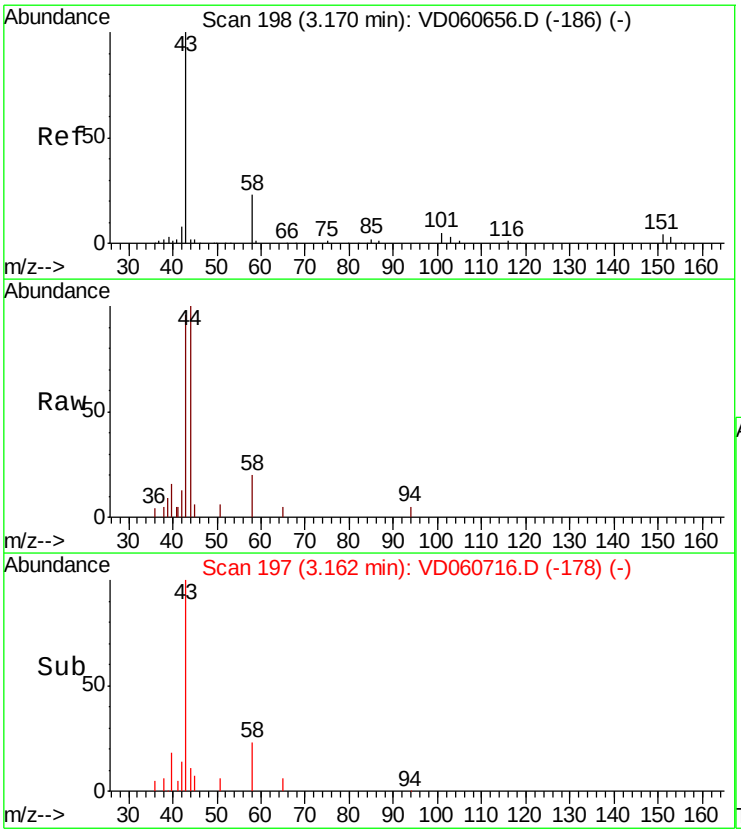
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 525
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion:168 Resp: 1488790

Ion	Ratio	Lower	Upper
168	100		
99	49.8	38.7	58.1

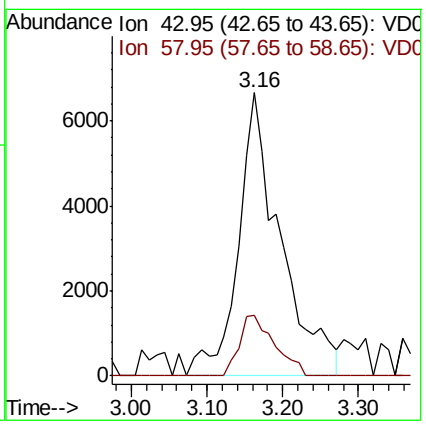


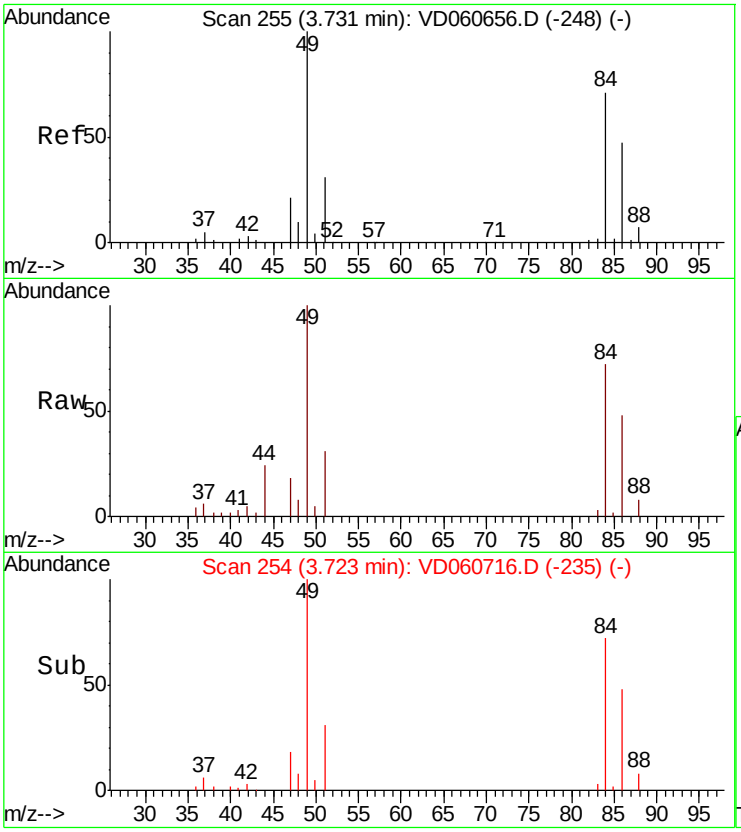


#16
Acetone
Concen: 14.237 ug/l
RT: 3.16 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion: 43 Resp: 25581

Ion	Ratio	Lower	Upper
43	100		
58	21.3	18.2	27.2



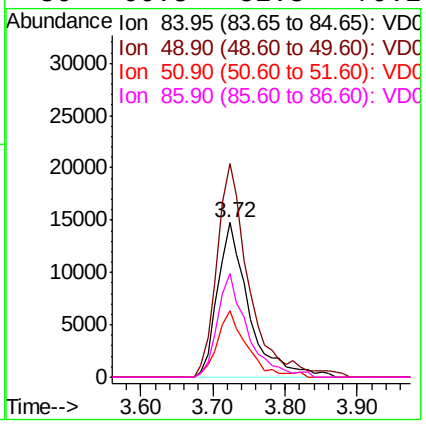


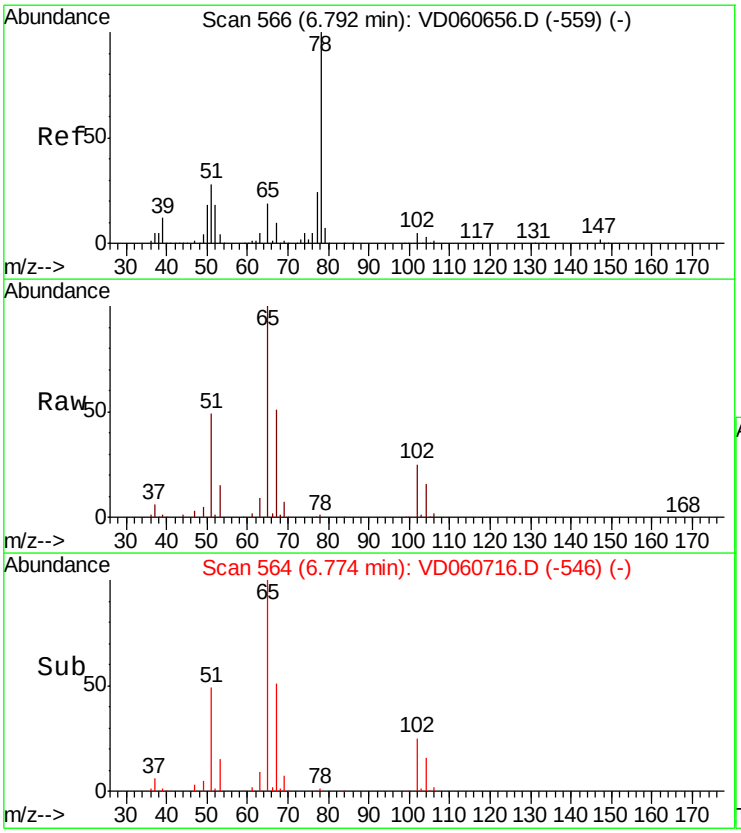
#20
Methylene Chloride
Concen: 2.382 ug/l
RT: 3.72 min Scan# 254
Delta R.T. -0.01 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion: 84 Resp: 44446

Ion	Ratio	Lower	Upper
84	100		
49	138.3	113.6	170.4
51	42.7	34.7	52.1
86	66.8	52.8	79.2

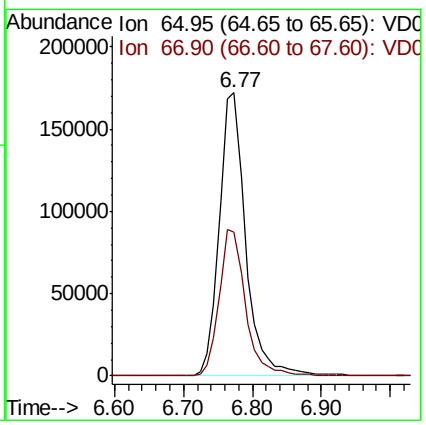


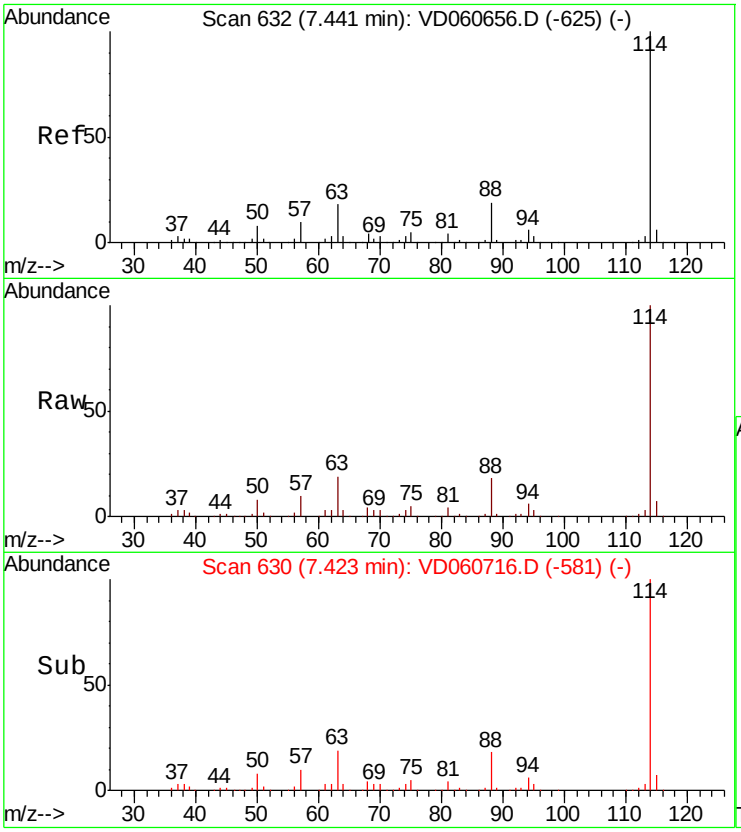


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 564
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion: 65 Resp: 454716

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.4



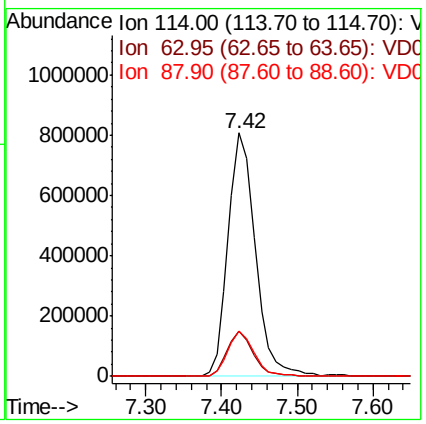


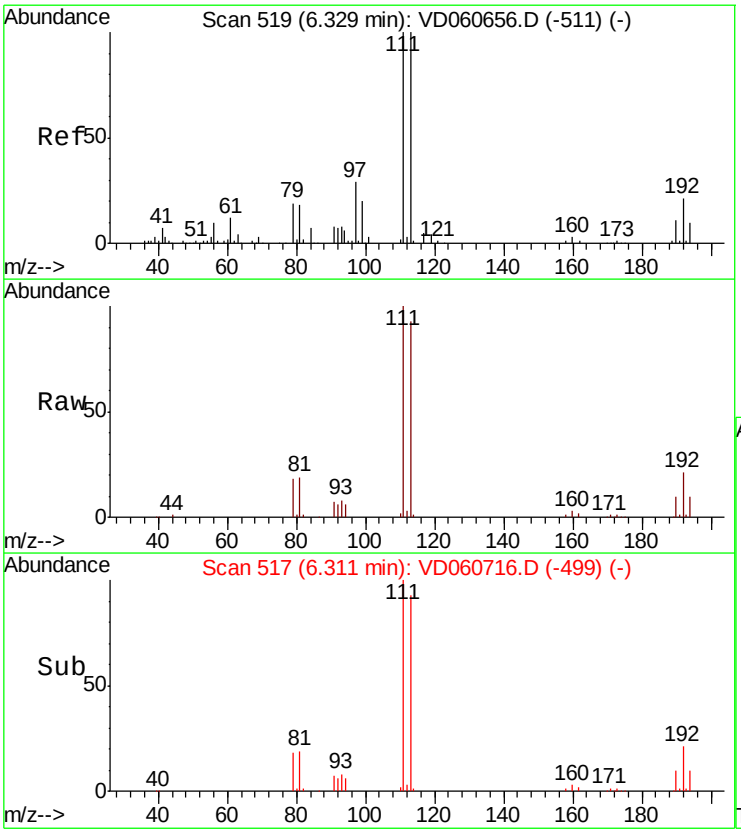
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 630
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion:114 Resp: 2018584

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.2
88	18.4	0.0	37.0

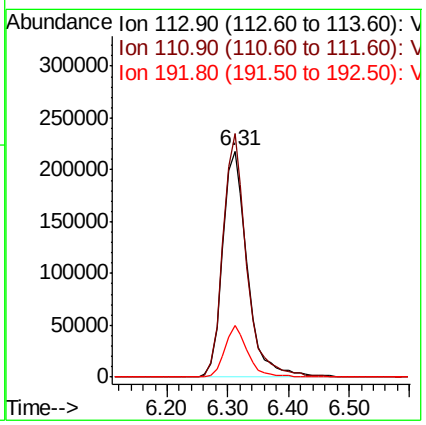


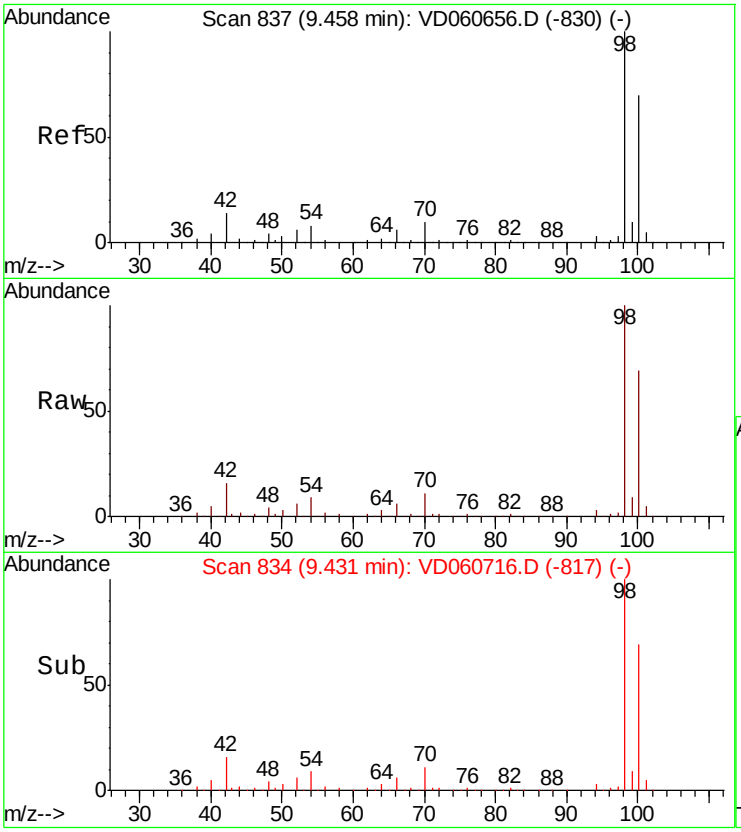


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 517
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:113 Resp: 615746

Ion	Ratio	Lower	Upper
113	100		
111	107.8	80.0	120.0
192	22.6	16.6	25.0



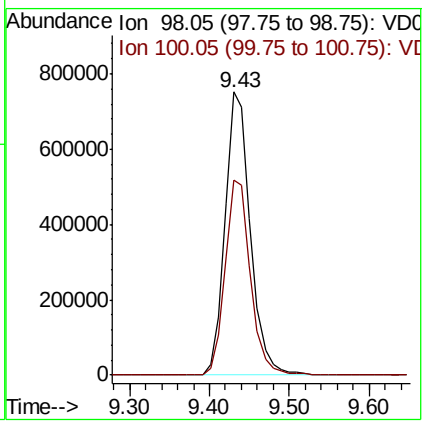


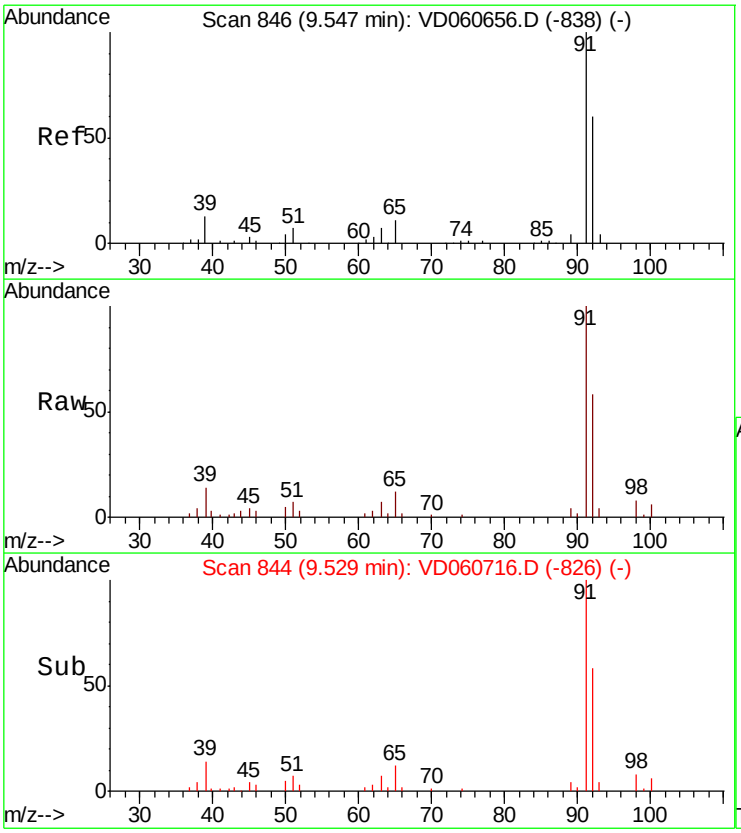
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 834
Delta R.T. -0.03 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion: 98 Resp: 1678592

Ion	Ratio	Lower	Upper
98	100		
100	68.9	55.8	83.8

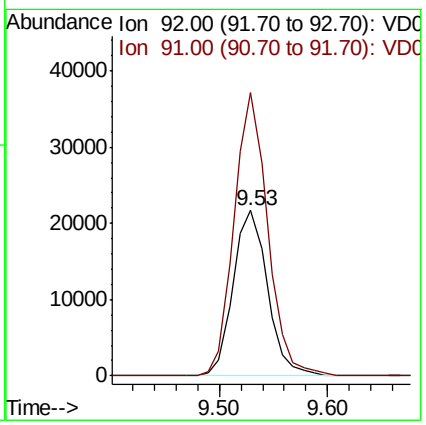


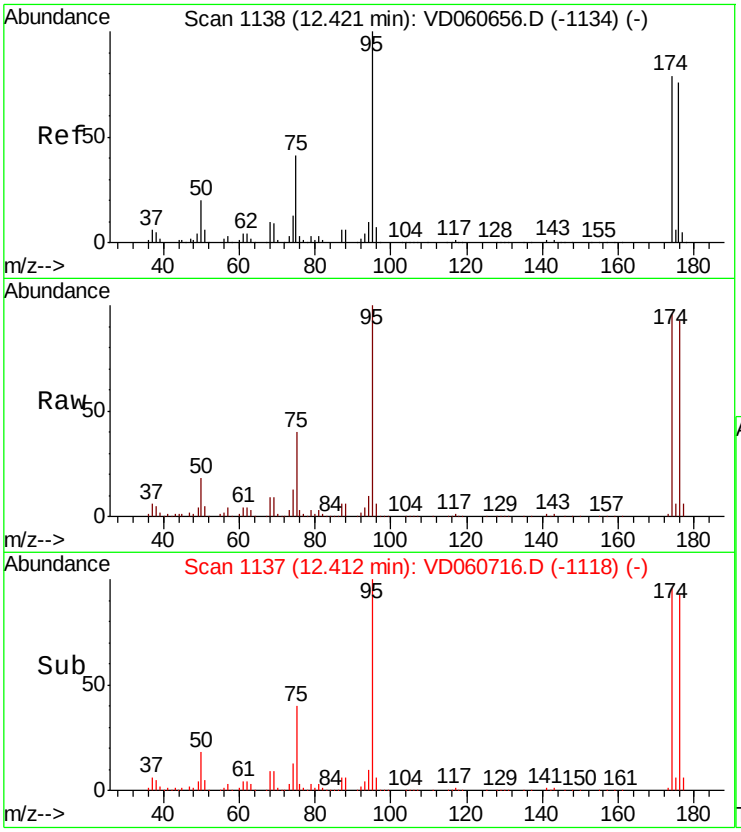


#52
Toluene
Concen: 1.430 ug/l
RT: 9.53 min Scan# 844
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion: 92 Resp: 48126

Ion	Ratio	Lower	Upper
92	100		
91	171.4	132.6	199.0



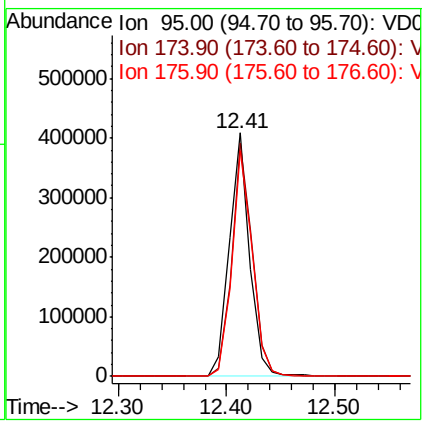


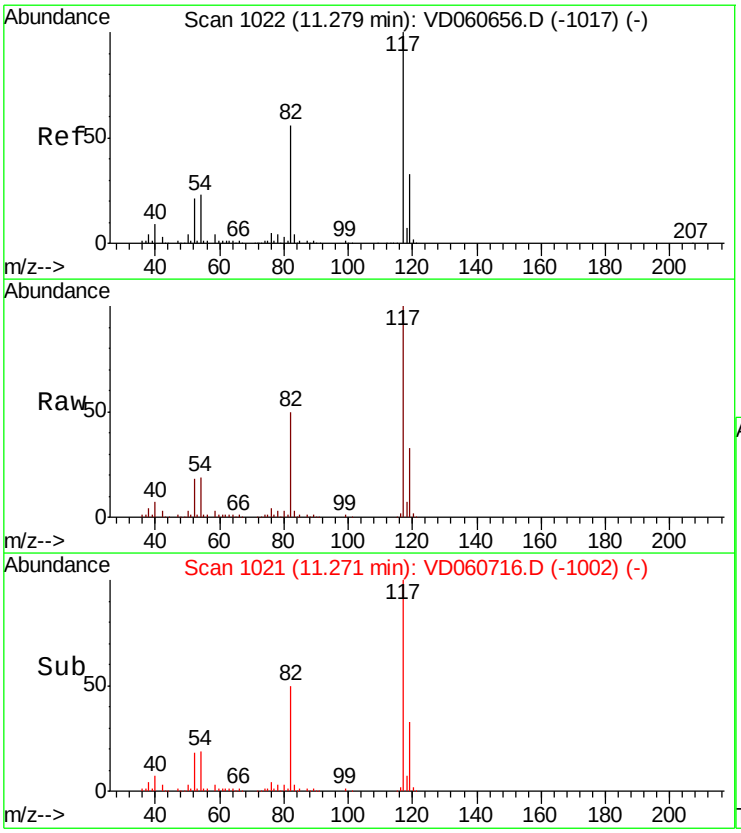
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion: 95 Resp: 533370

Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	158.2
176	92.6	0.0	152.4

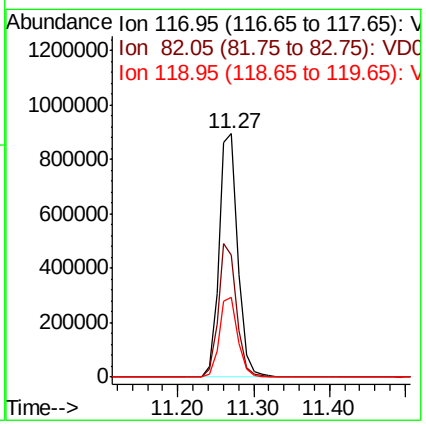


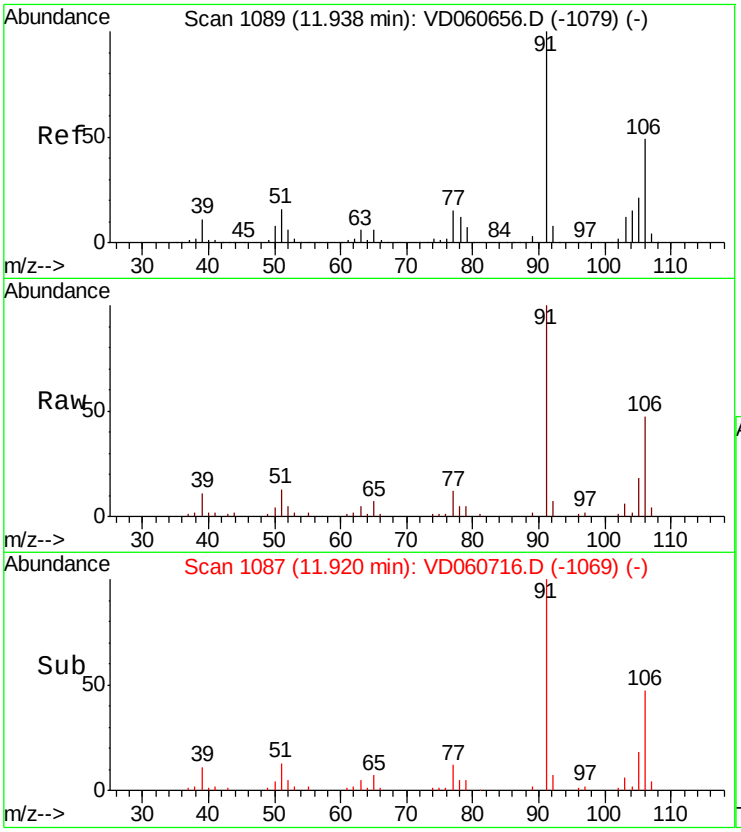


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 1021
Delta R.T. -0.01 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:117 Resp: 1546021

Ion	Ratio	Lower	Upper
117	100		
82	49.9	44.5	66.7
119	32.6	26.3	39.5



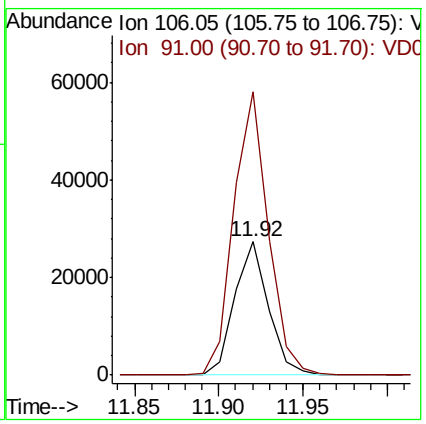


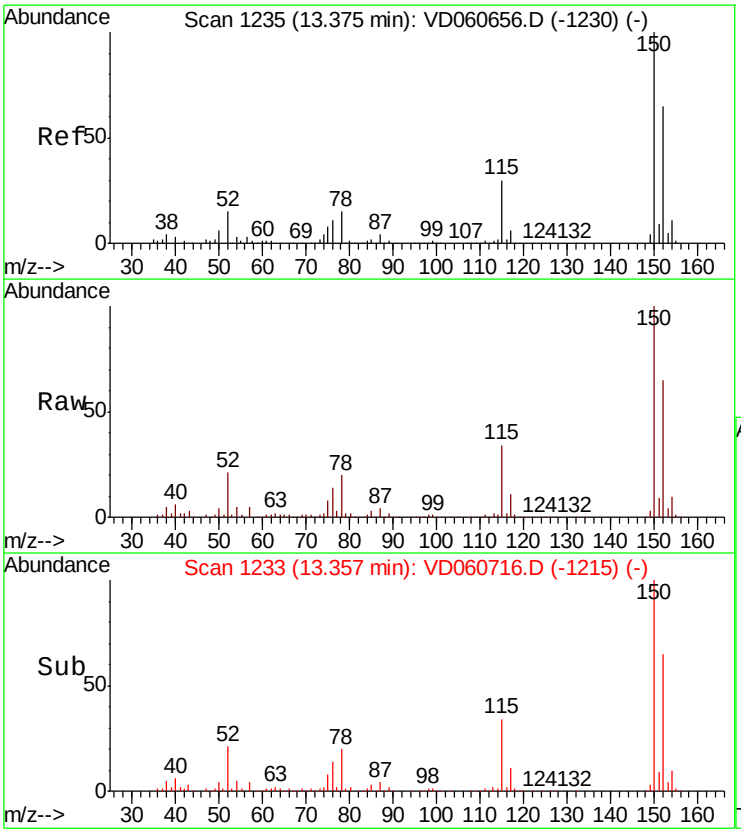
#69
o-Xylene
Concen: 1.869 ug/l
RT: 11.92 min Scan# 1087
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion:106 Resp: 37909

Ion	Ratio	Lower	Upper
106	100		
91	212.7	101.5	304.5

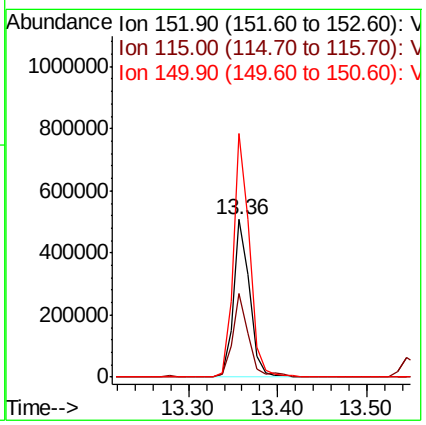


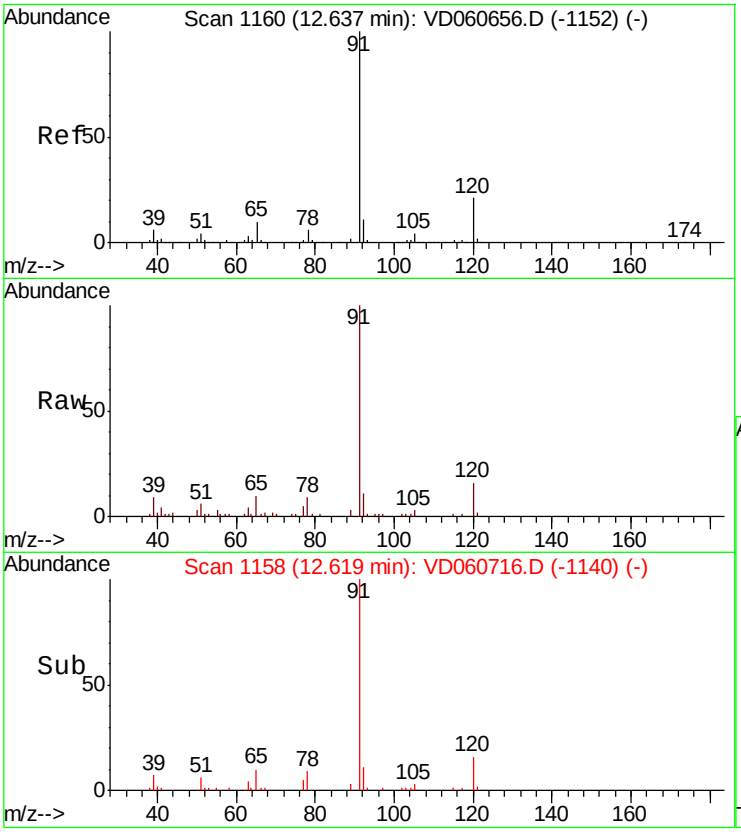


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:152 Resp: 645446

Ion	Ratio	Lower	Upper
152	100		
115	53.1	24.1	72.3
150	154.8	0.0	315.0



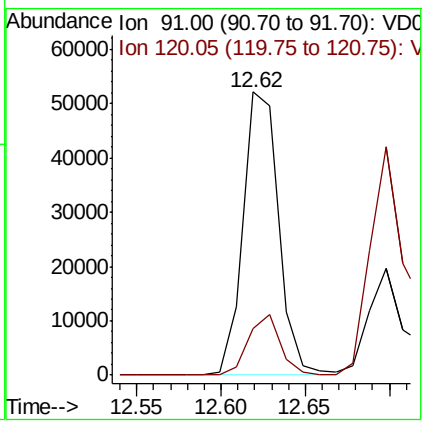


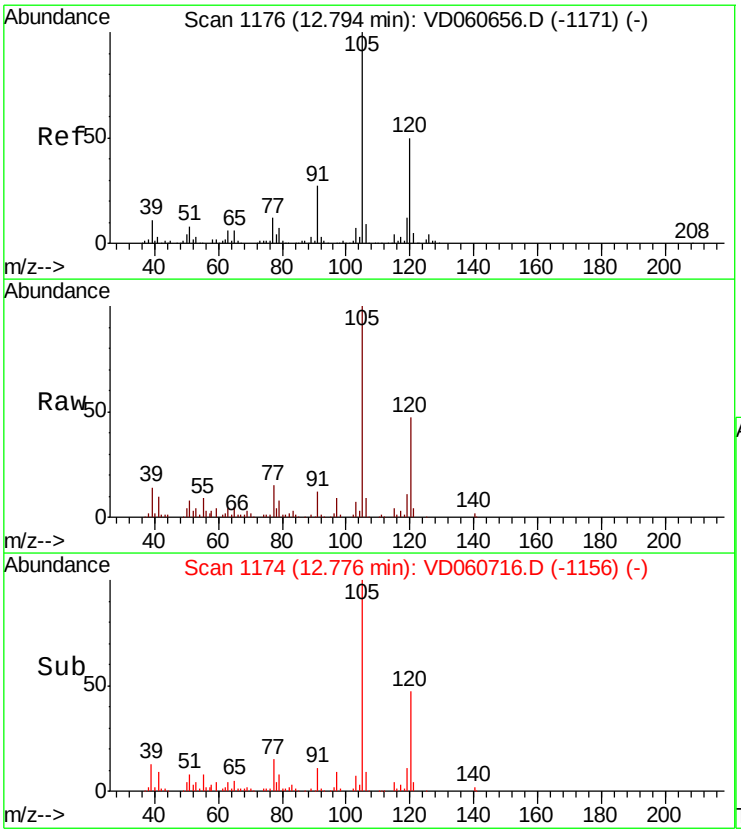
#78
n-propylbenzene
Concen: 1.301 ug/l
RT: 12.62 min Scan# 1158
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion: 91 Resp: 76454

Ion	Ratio	Lower	Upper
91	100		
120	16.4	10.4	31.2

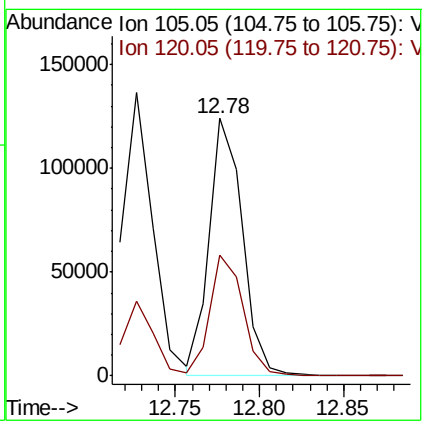


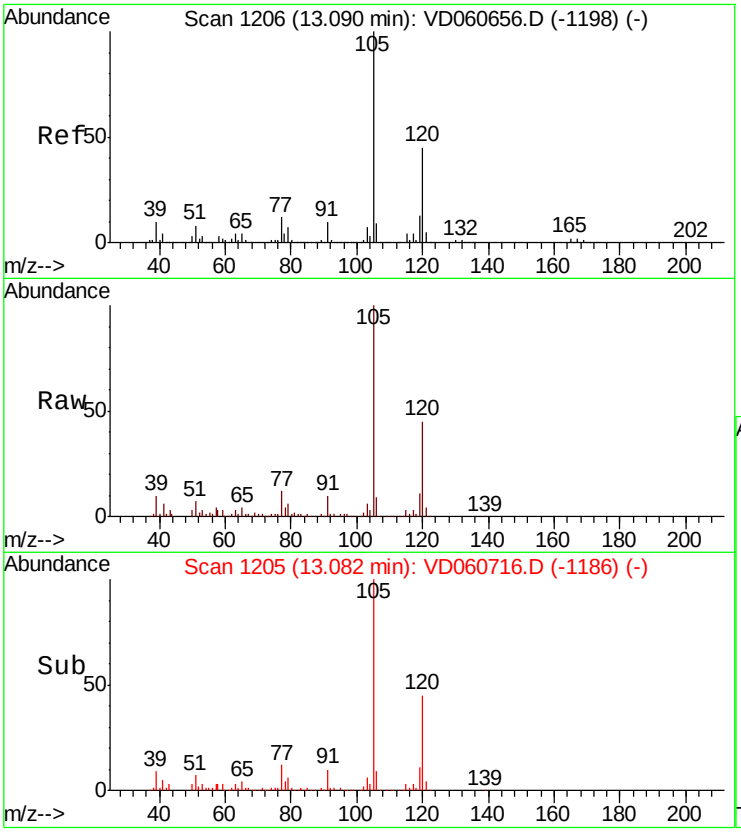


#80
1,3,5-Trimethylbenzene
Concen: 4.796 ug/l
RT: 12.78 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:105 Resp: 170202

Ion	Ratio	Lower	Upper
105	100		
120	46.9	24.8	74.4



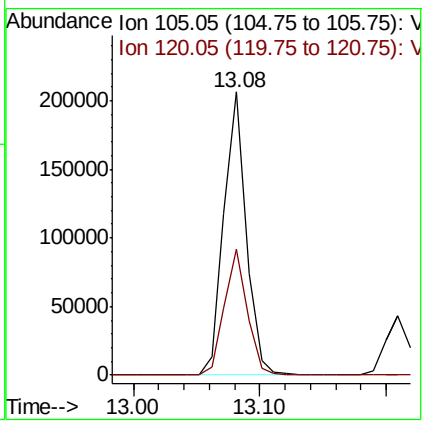


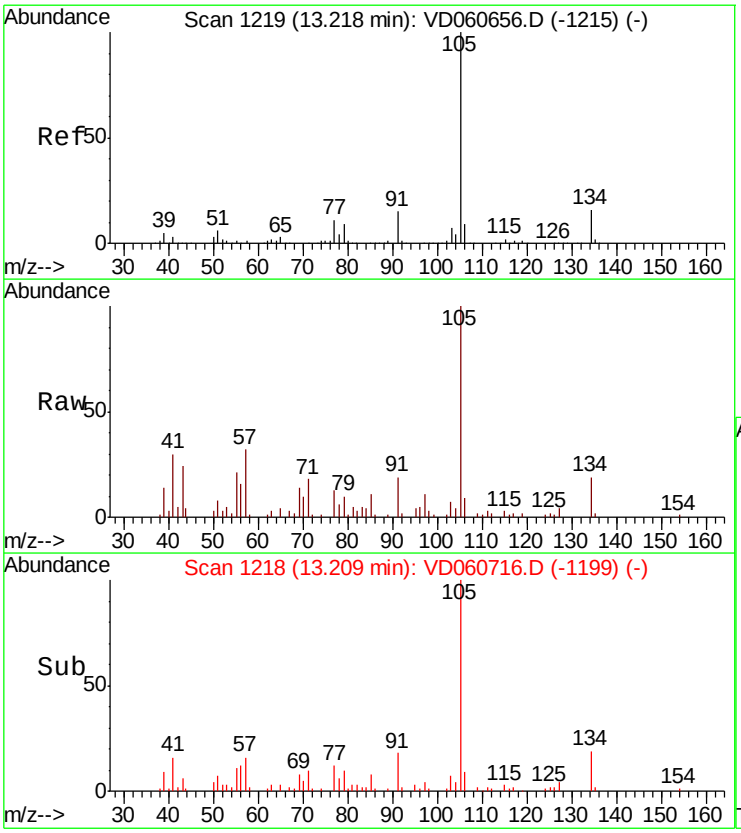
#84
1,2,4-Trimethylbenzene
Concen: 6.910 ug/l
RT: 13.08 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion:105 Resp: 252537

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.0

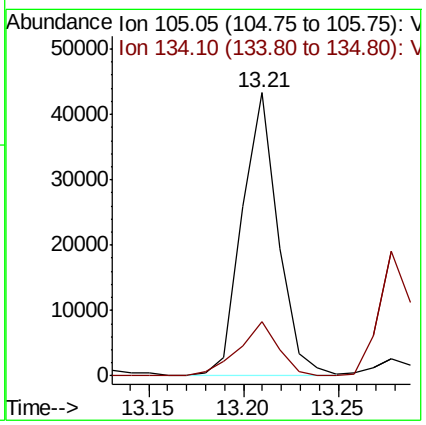


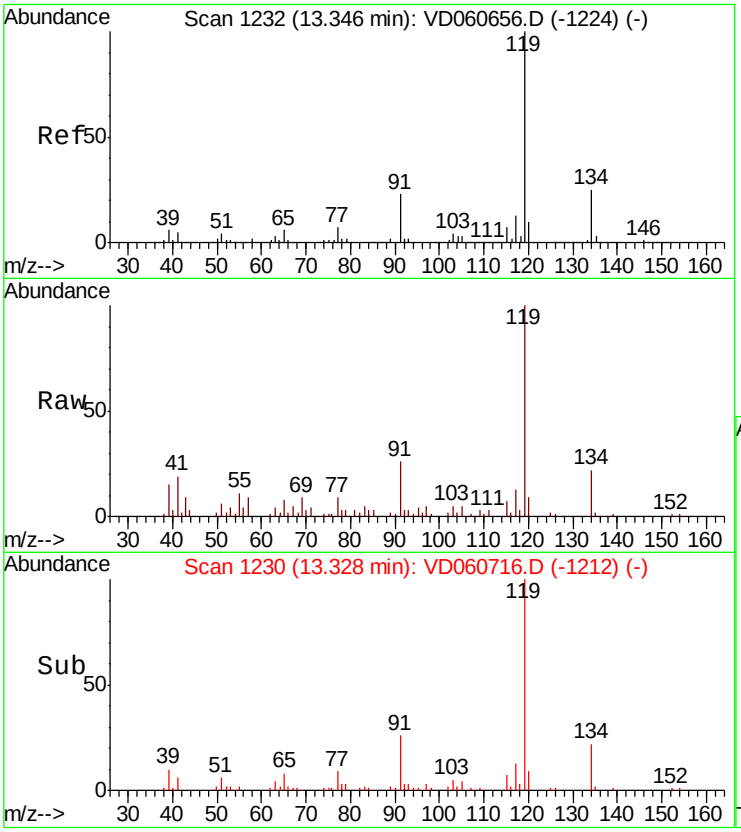


#85
sec-Butylbenzene
Concen: 1.163 ug/l
RT: 13.21 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:105 Resp: 57260

Ion	Ratio	Lower	Upper
105	100		
134	19.2	8.2	24.4



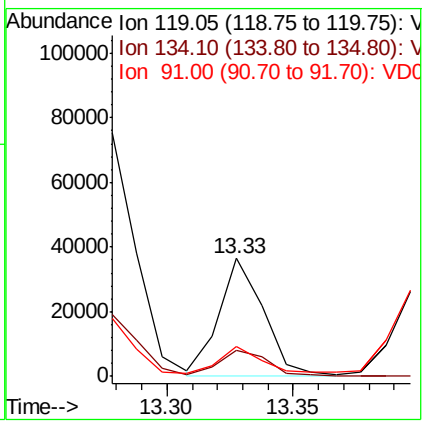


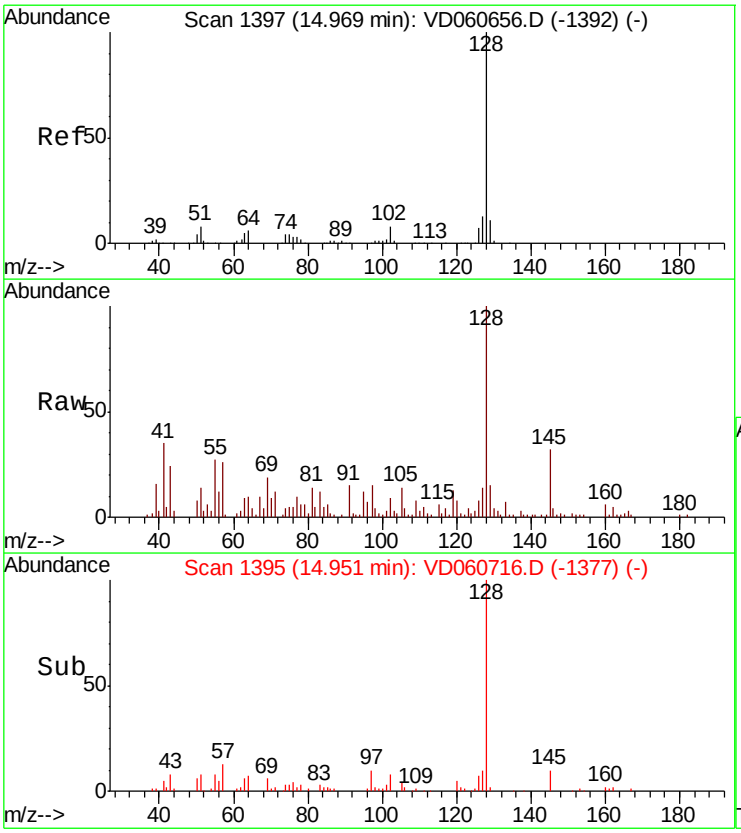
#86
p-Isopropyltoluene
Concen: 1.116 ug/l
RT: 13.33 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

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

Tgt Ion:119 Resp: 44381

Ion	Ratio	Lower	Upper
119	100		
134	22.5	12.5	37.5
91	25.9	11.4	34.2





#95
Naphthalene
Concen: 4.067 ug/l
RT: 14.95 min Scan# 1395
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:128 Resp: 68722

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	15.4	8.6	13.0#