Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD062004.D
Acq On : 24 Apr 2019 18:21
Operator : VA/AP
Sample : K2539-04RE
Misc : 4.34g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-03-006-BRE

Quant Time: Apr 25 05:00:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	35560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	65795	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	58827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	21035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	30111	108.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 216.38%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.41	98	47646	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.00%			
62) 4-Bromofluorobenzene	13.55	95	22582	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.00%			
Target Compounds						Qvalue
16) Acetone	3.22	43	19355	291.259	ug/l #	85
52) Toluene	10.52	92	4613	5.701	ug/l	79
68) m/p-Xylenes	12.67	106	1671	2.548	ug/l	90
69) o-Xylene	13.05	106	794	1.323	ug/l	90
80) 1,3,5-Trimethylbenzene	13.94	105	1433	1.281	ug/l	83
84) 1,2,4-Trimethylbenzene	14.24	105	6617	6.194	ug/l	91
95) Naphthalene	16.12	128	6323	12.482	ug/l	99

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

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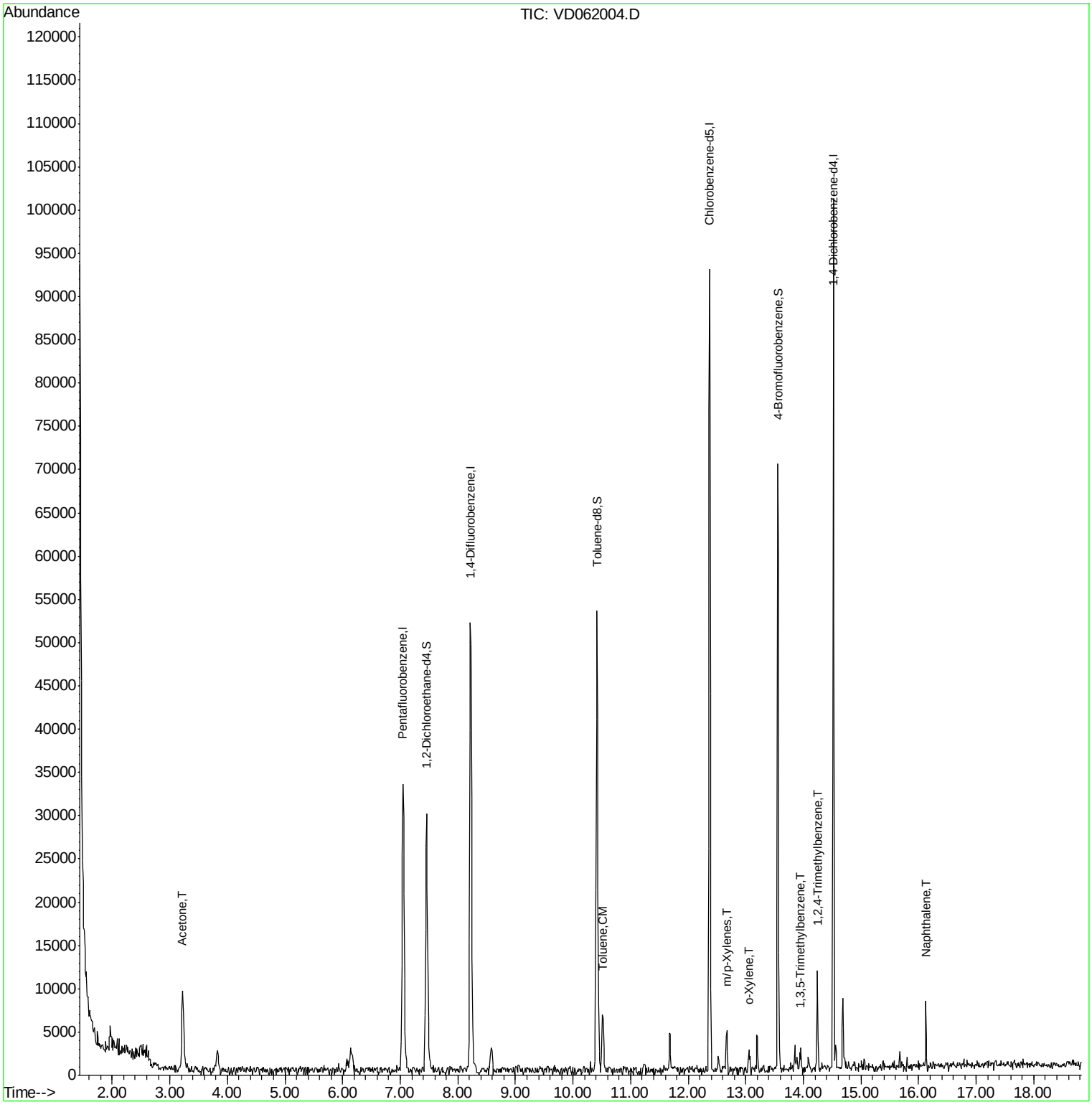
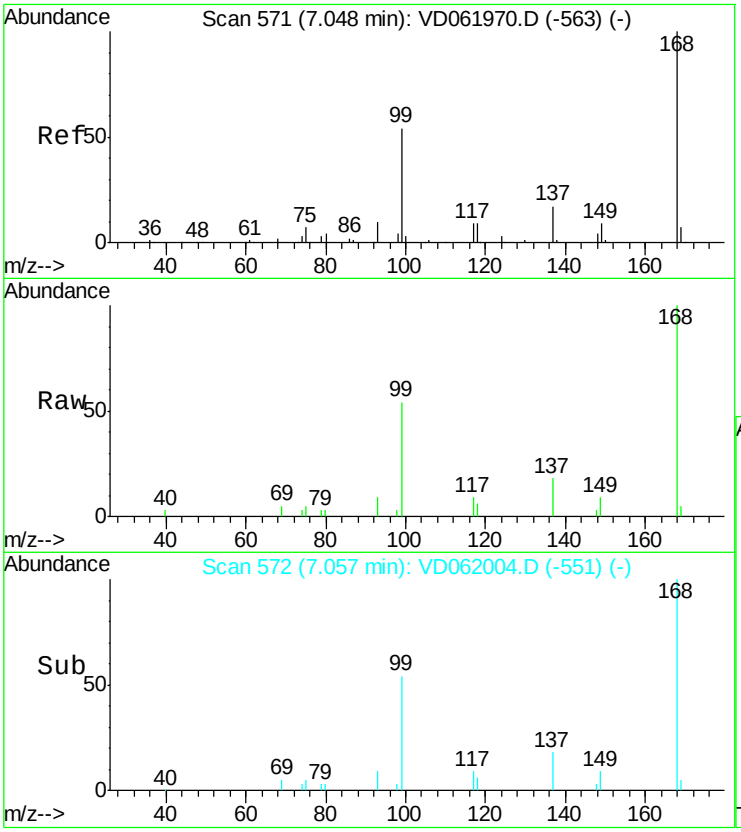


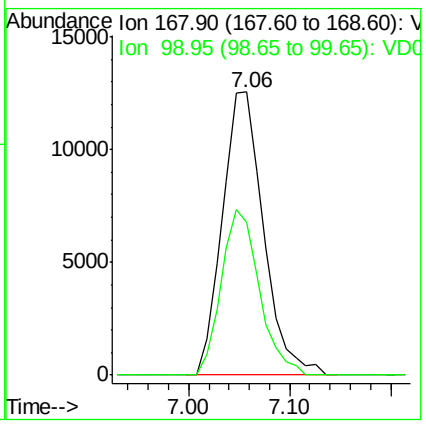


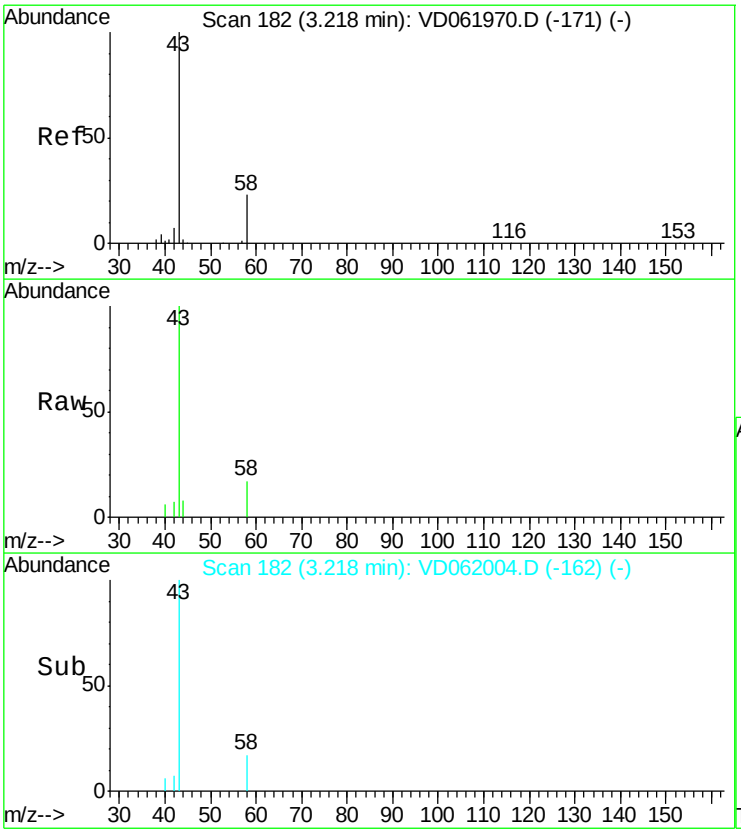
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion:168 Resp: 35560

Ion	Ratio	Lower	Upper
168	100		
99	54.1	46.5	69.7

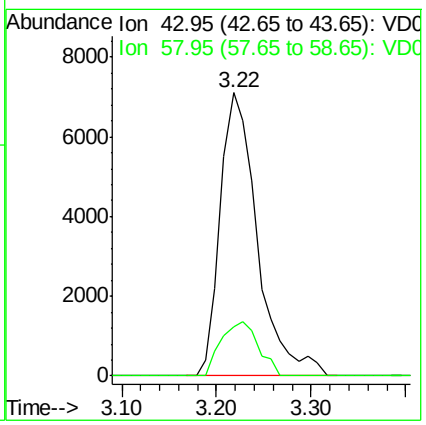


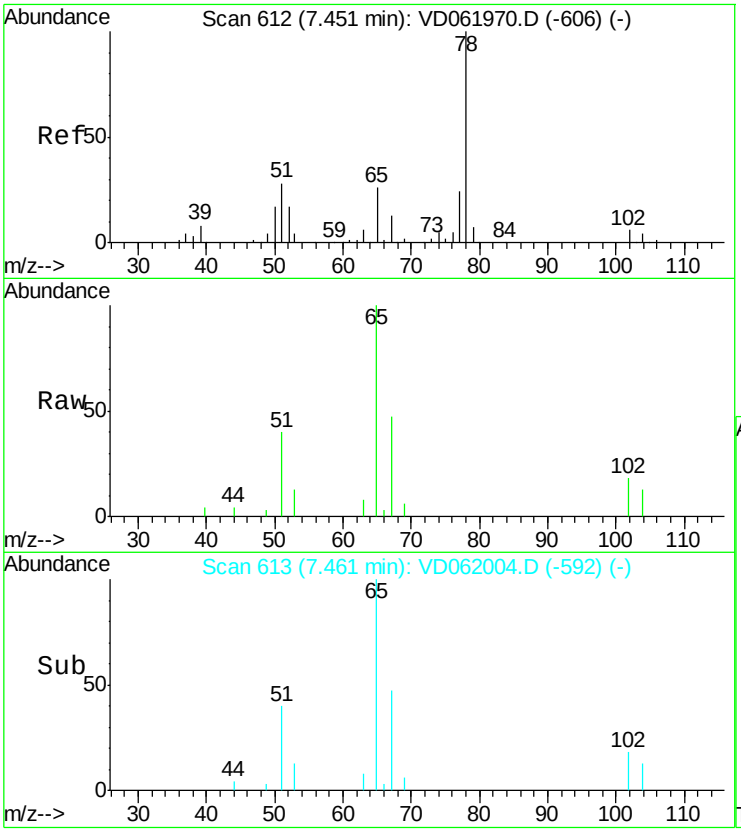


#16
Acetone
Concen: 291.259 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion: 43 Resp: 19355

Ion	Ratio	Lower	Upper
43	100		
58	17.2	19.9	29.9#



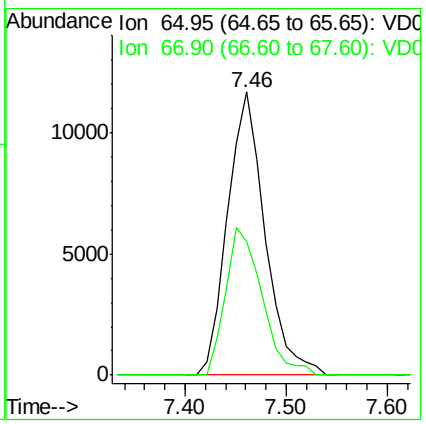


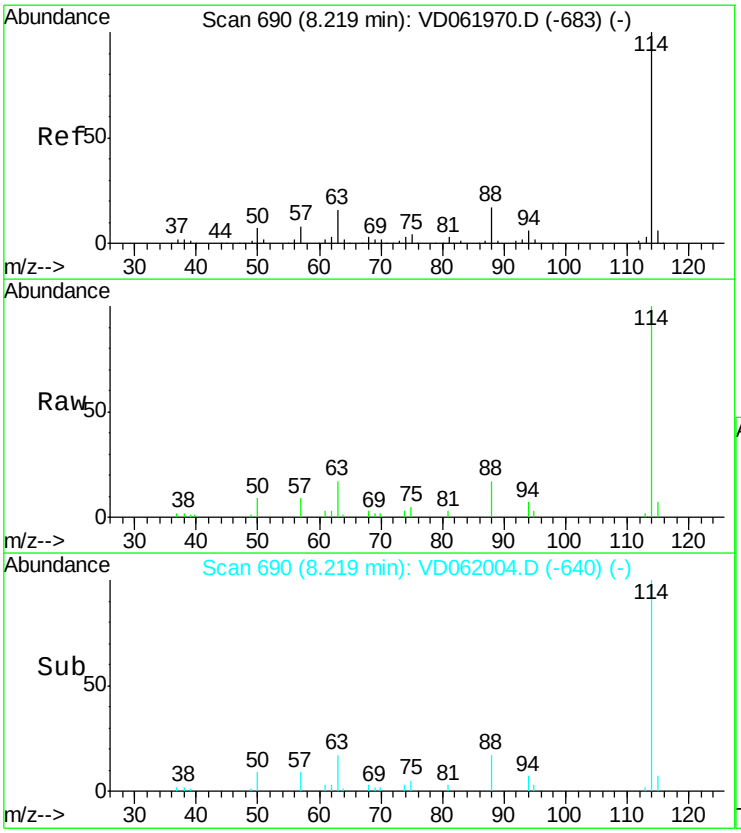
#33
1,2-Dichloroethane-d4
Concen: 108.191 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion: 65 Resp: 30111

Ion	Ratio	Lower	Upper
65	100		
67	47.2	0.0	98.0

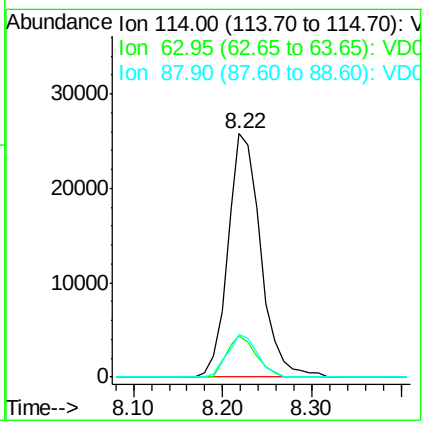


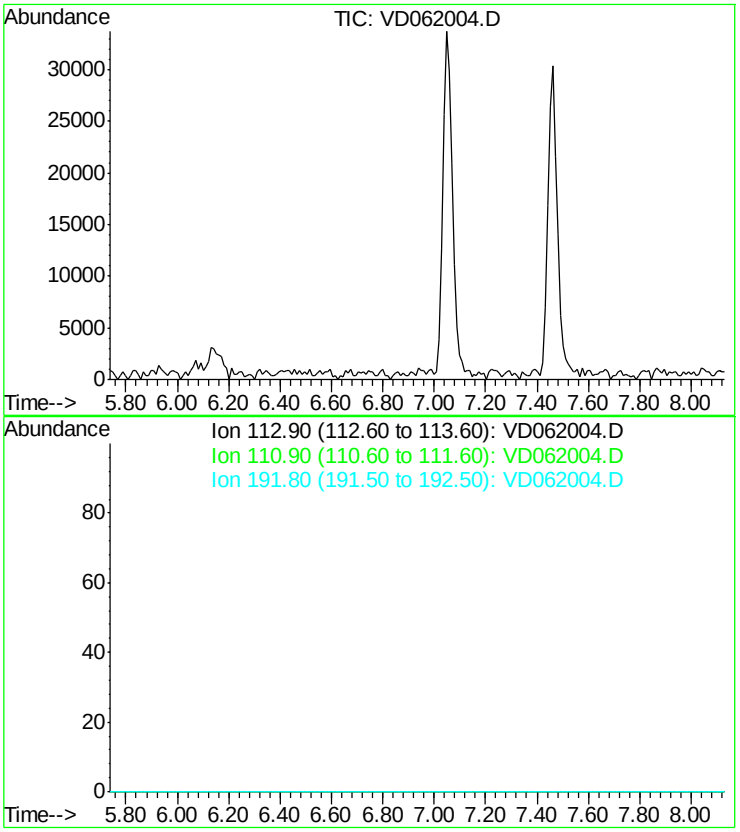


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion:114 Resp: 65795

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	32.4
88	17.3	0.0	33.6





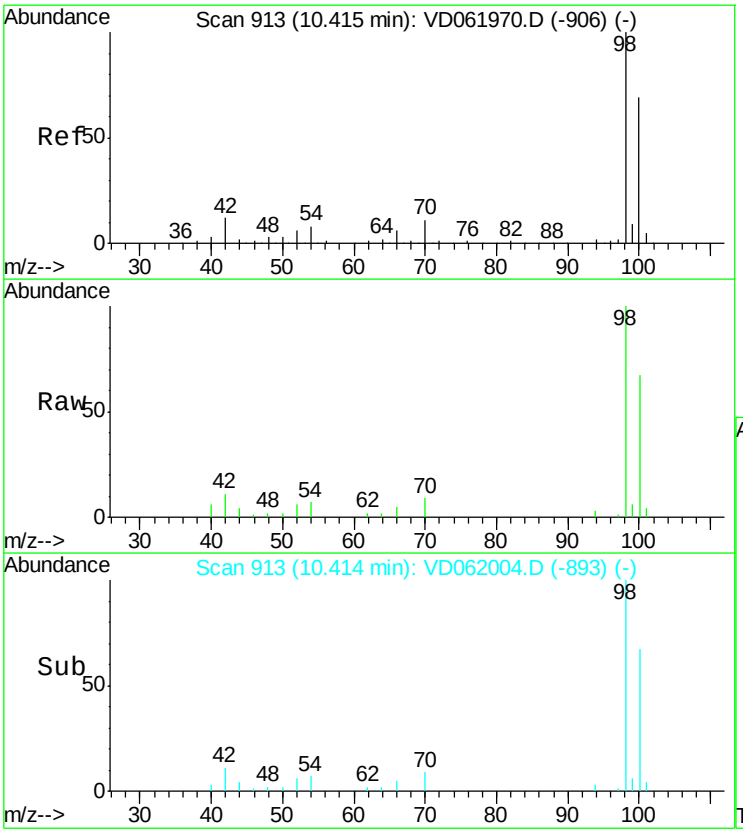
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 6.93 min

Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	98.1
192	16.2

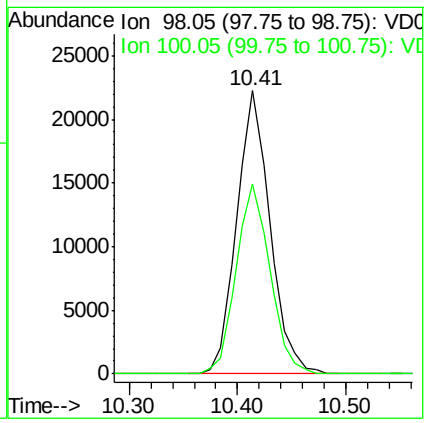
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

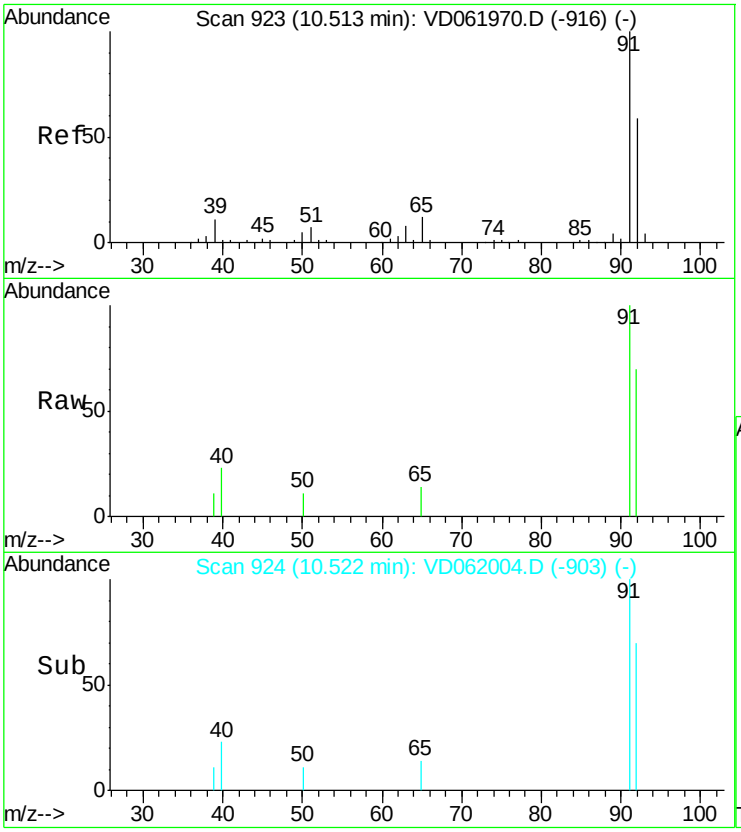


#50
Toluene-d8
Concen: 44.004 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion: 98 Resp: 47646

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.8	80.8



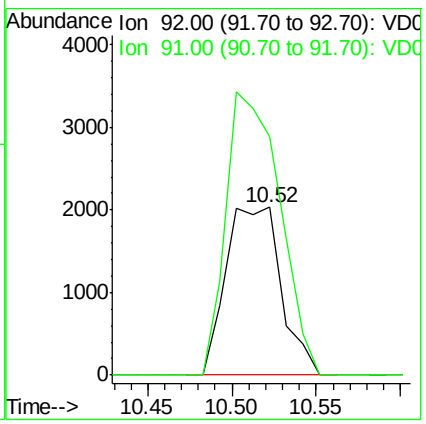


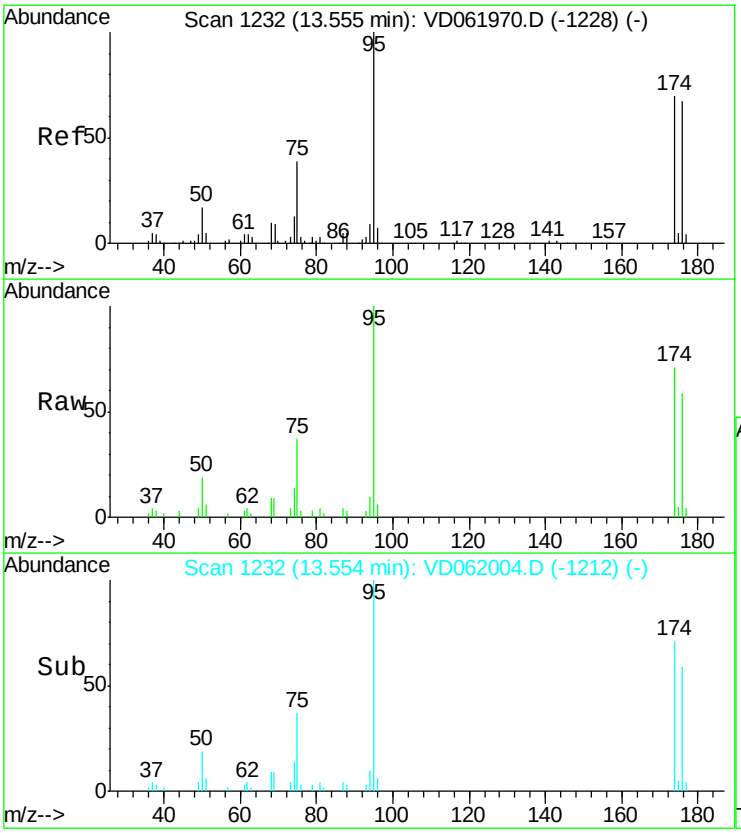
#52
Toluene
Concen: 5.701 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion: 92 Resp: 4613

Ion	Ratio	Lower	Upper
92	100		
91	142.3	136.6	204.8

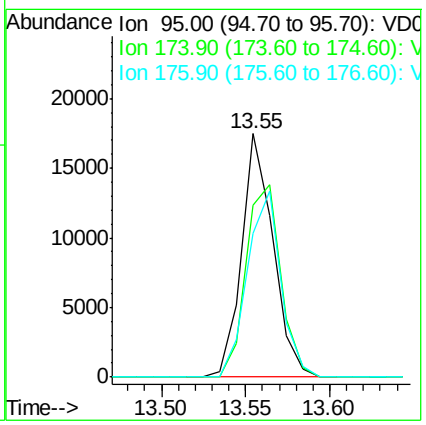


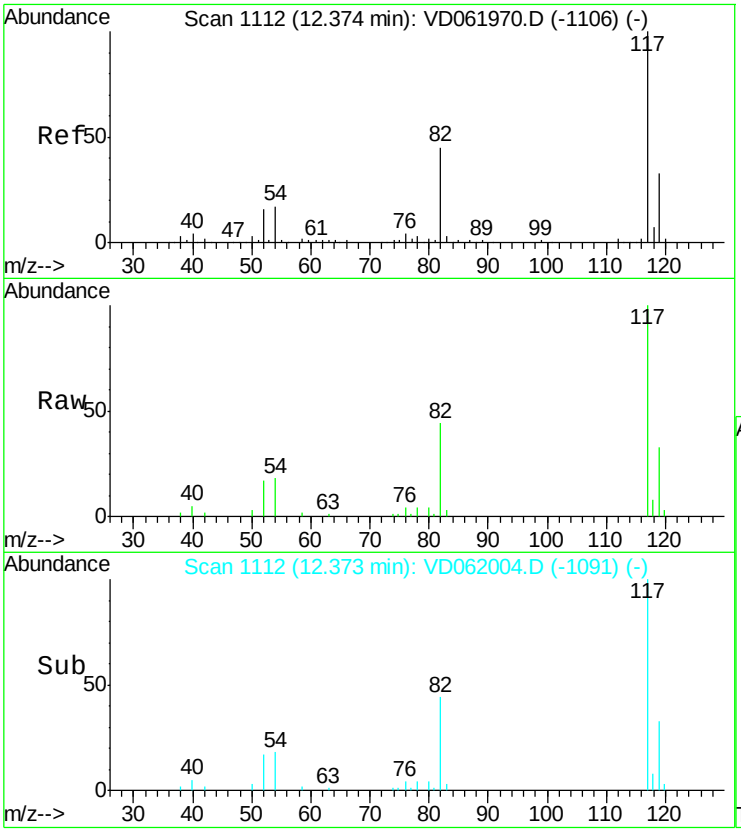


#62
4-Bromofluorobenzene
Concen: 51.998 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion: 95 Resp: 22582

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	181.8
176	59.0	0.0	174.4



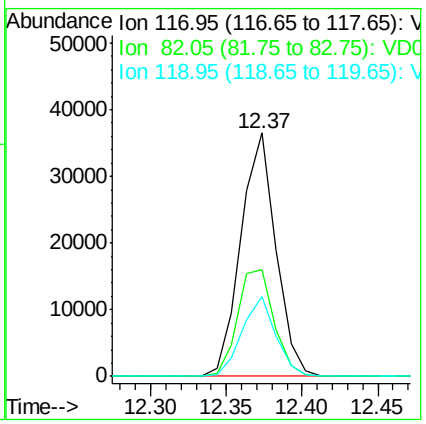


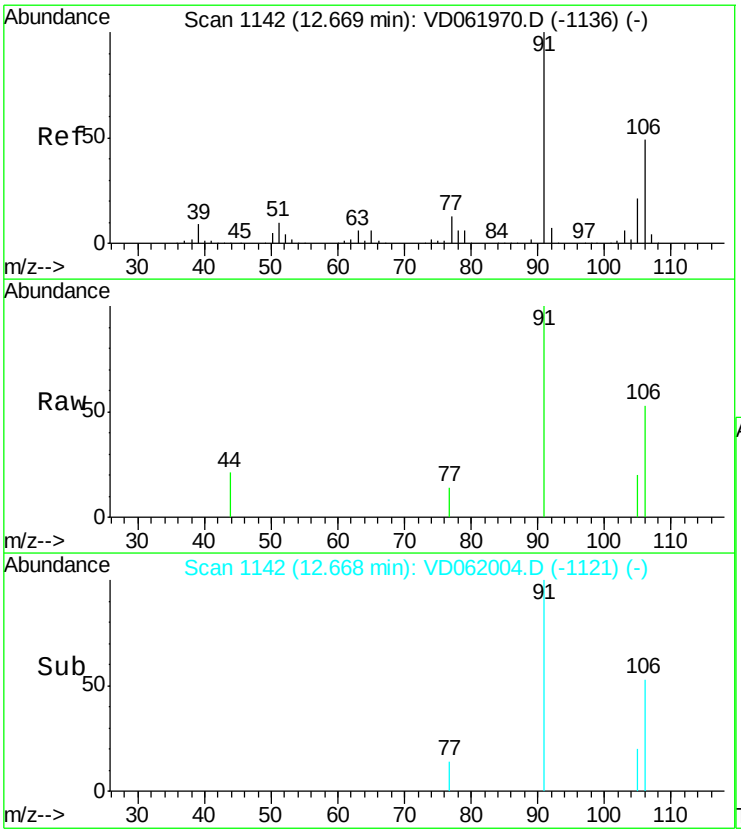
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion:117 Resp: 58827

Ion	Ratio	Lower	Upper
117	100		
82	43.8	36.2	54.2
119	32.8	26.2	39.4

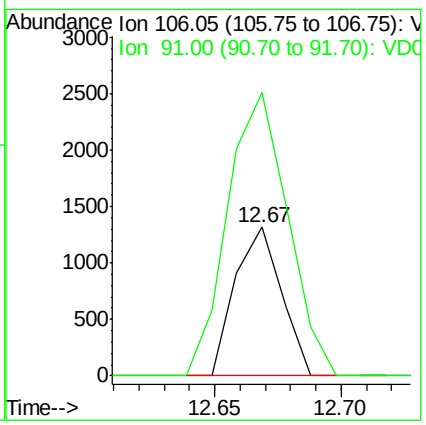


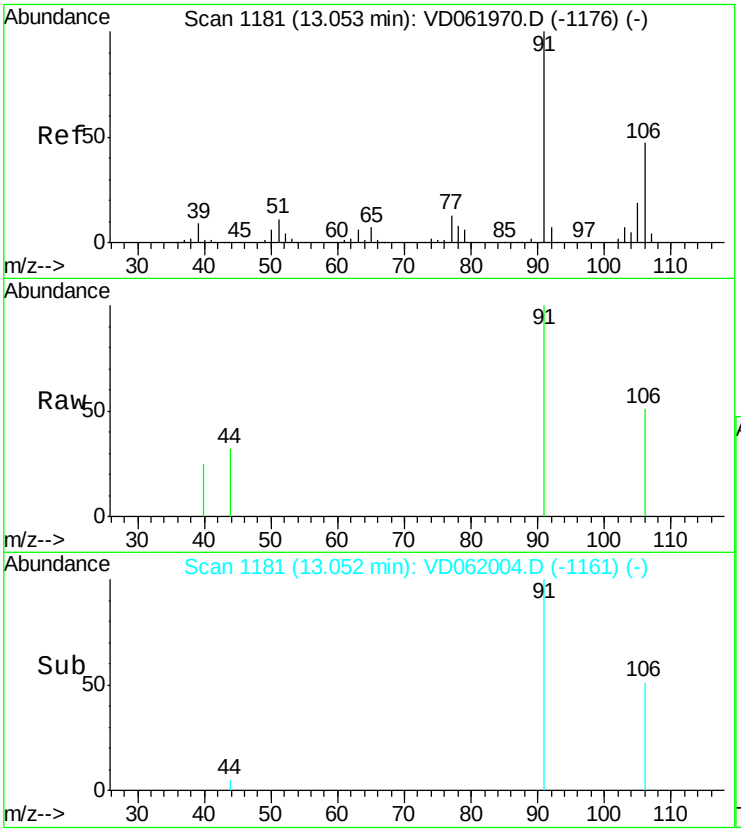


#68
m/p-Xylenes
Concen: 2.548 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion:106 Resp: 1671

Ion	Ratio	Lower	Upper
106	100		
91	190.1	164.0	246.0



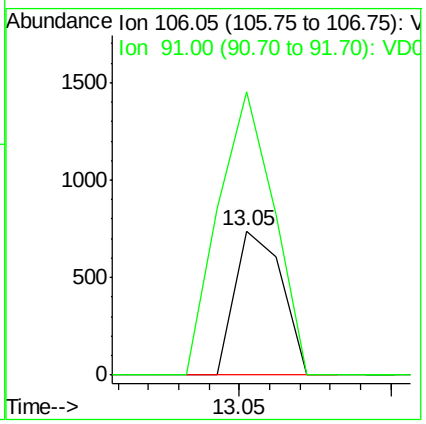


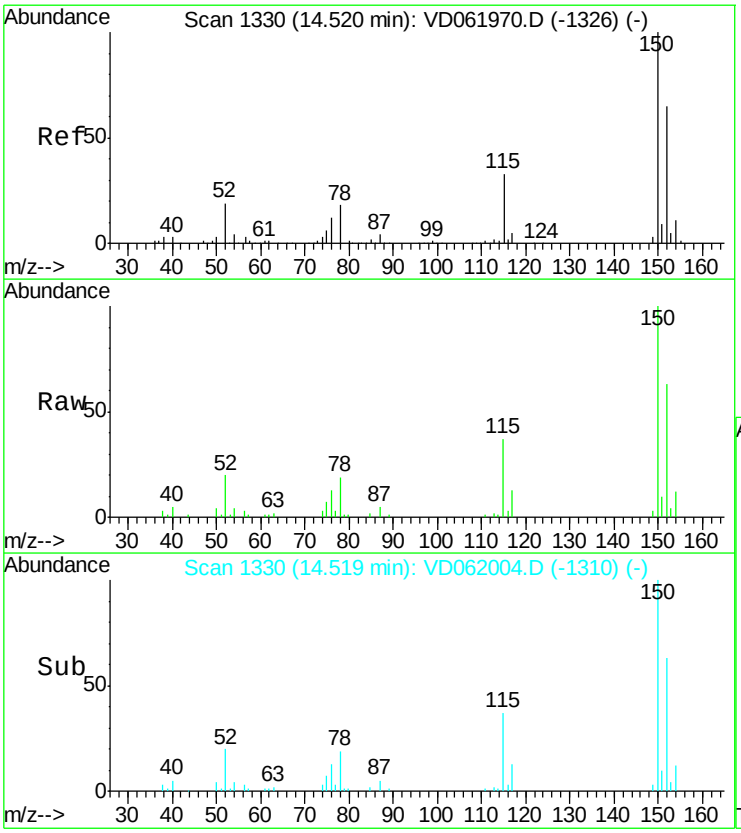
#69
o-Xylene
Concen: 1.323 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion:106 Resp: 794

Ion	Ratio	Lower	Upper
106	100		
91	196.7	106.7	319.9

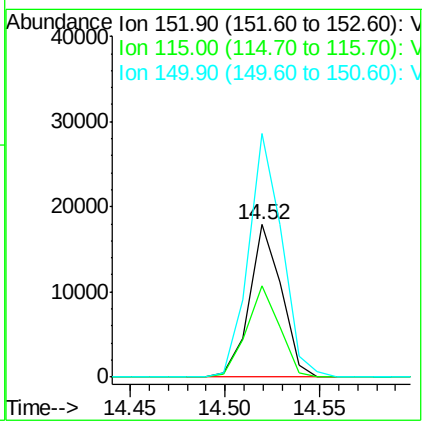


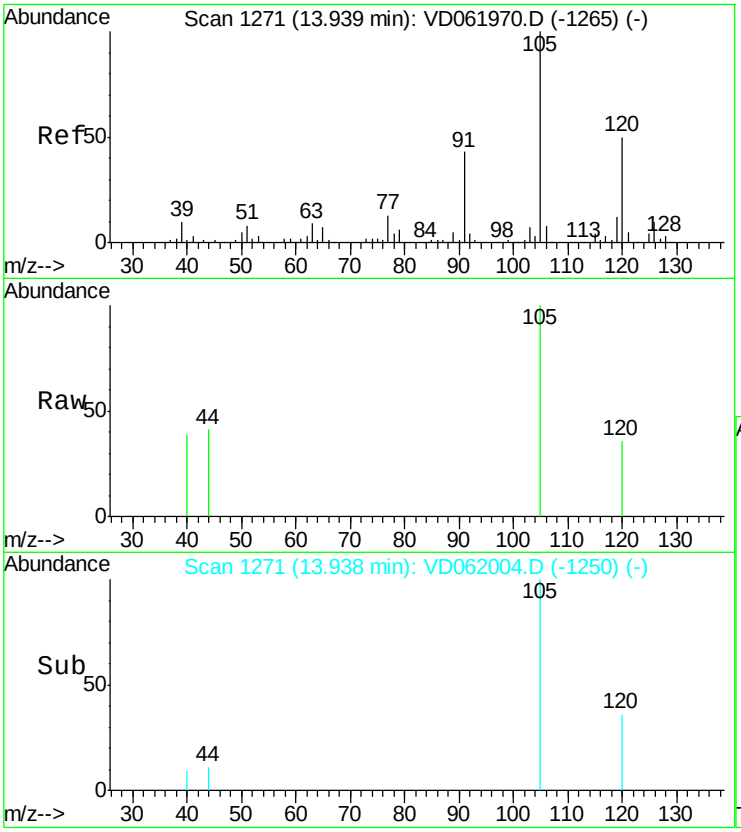


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion:152 Resp: 21035

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.9	92.7
150	159.5	0.0	314.8



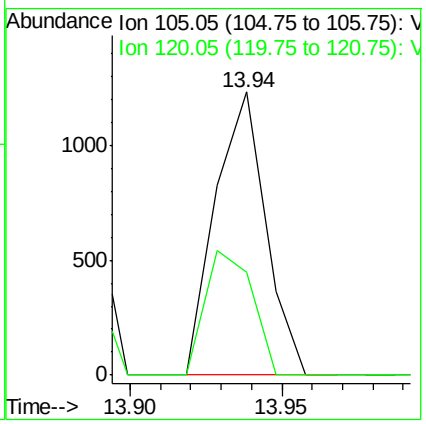


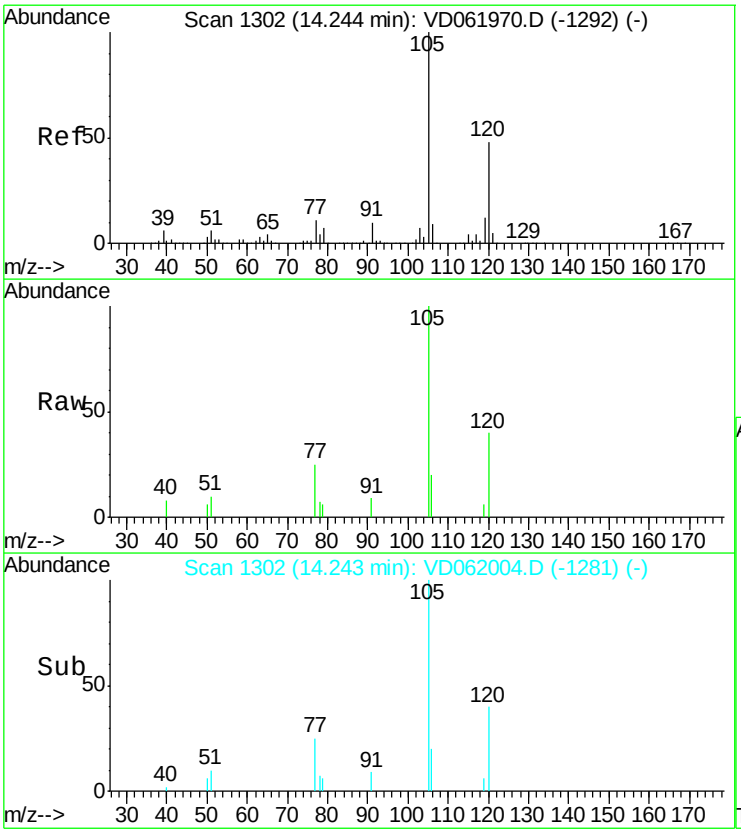
#80
1,3,5-Trimethylbenzene
Concen: 1.281 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion:105 Resp: 1433

Ion	Ratio	Lower	Upper
105	100		
120	36.3	24.0	72.0

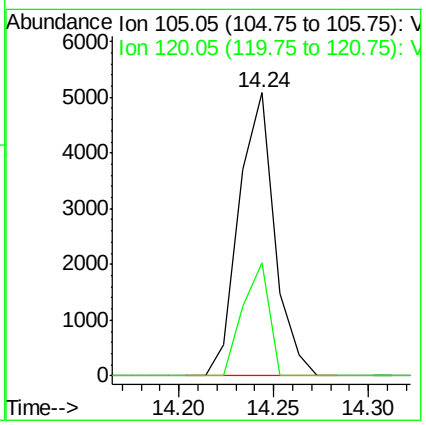


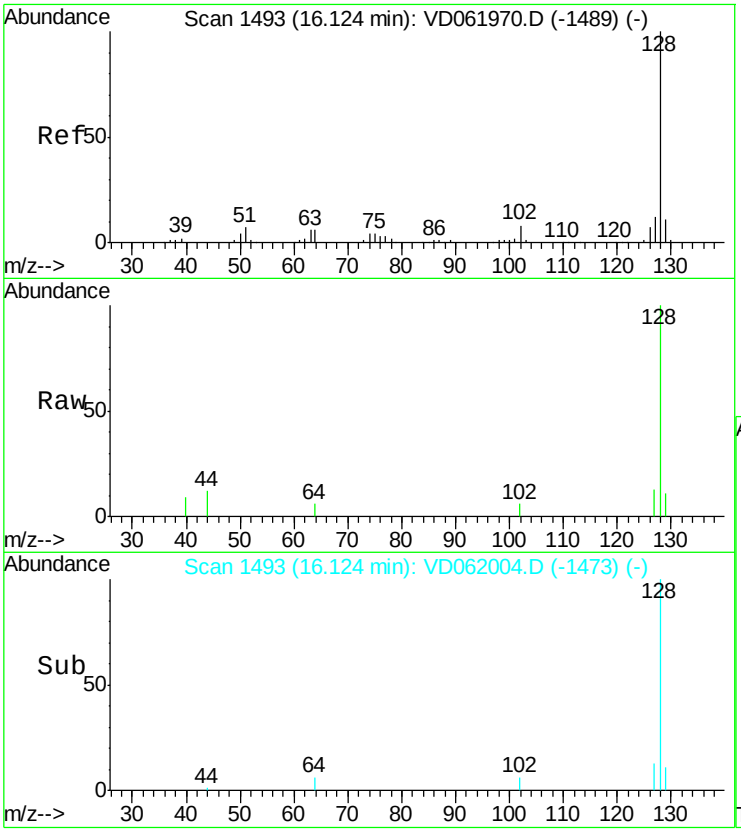


#84
1,2,4-Trimethylbenzene
Concen: 6.194 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Tgt Ion:105 Resp: 6617

Ion	Ratio	Lower	Upper
105	100		
120	40.1	23.1	69.2





#95
Naphthalene
Concen: 12.482 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062004.D
Acq: 24 Apr 2019 18:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-006-BRE

Tgt Ion:128 Resp: 6323

Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.8
129	11.1	8.8	13.2