Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
Data File : VF062132.D
Acq On : 25 Mar 2019 15:26
Operator : VA/AP
Sample : K2078-04RE
Misc : 3.86g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-SF-01-005-BRE

Quant Time: Mar 26 05:15:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	226640	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	367732	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	282146	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	135719	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	60017	35.60	ug/l	-0.04
Spiked Amount 50.000			Recovery = 71.20%			
35) Dibromofluoromethane	4.12	113	1651	0.66	ug/l	-0.03
Spiked Amount 50.000			Recovery = 1.32%			
50) Toluene-d8	7.55	98	223998	30.17	ug/l	-0.04
Spiked Amount 50.000			Recovery = 60.34%			
62) 4-Bromofluorobenzene	11.41	95	84711	29.55	ug/l	-0.03
Spiked Amount 50.000			Recovery = 59.10%			
Target Compounds						Qvalue
16) Acetone	2.24	43	29406	82.881	ug/l	97
68) m/p-Xylenes	10.13	106	5466	1.593	ug/l	100
69) o-Xylene	10.71	106	4196	1.168	ug/l	91
80) 1,3,5-Trimethylbenzene	11.82	105	11651	1.483	ug/l	88
84) 1,2,4-Trimethylbenzene	12.20	105	30704	3.987	ug/l	98
95) Naphthalene	14.46	128	50796	10.218	ug/l	96

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

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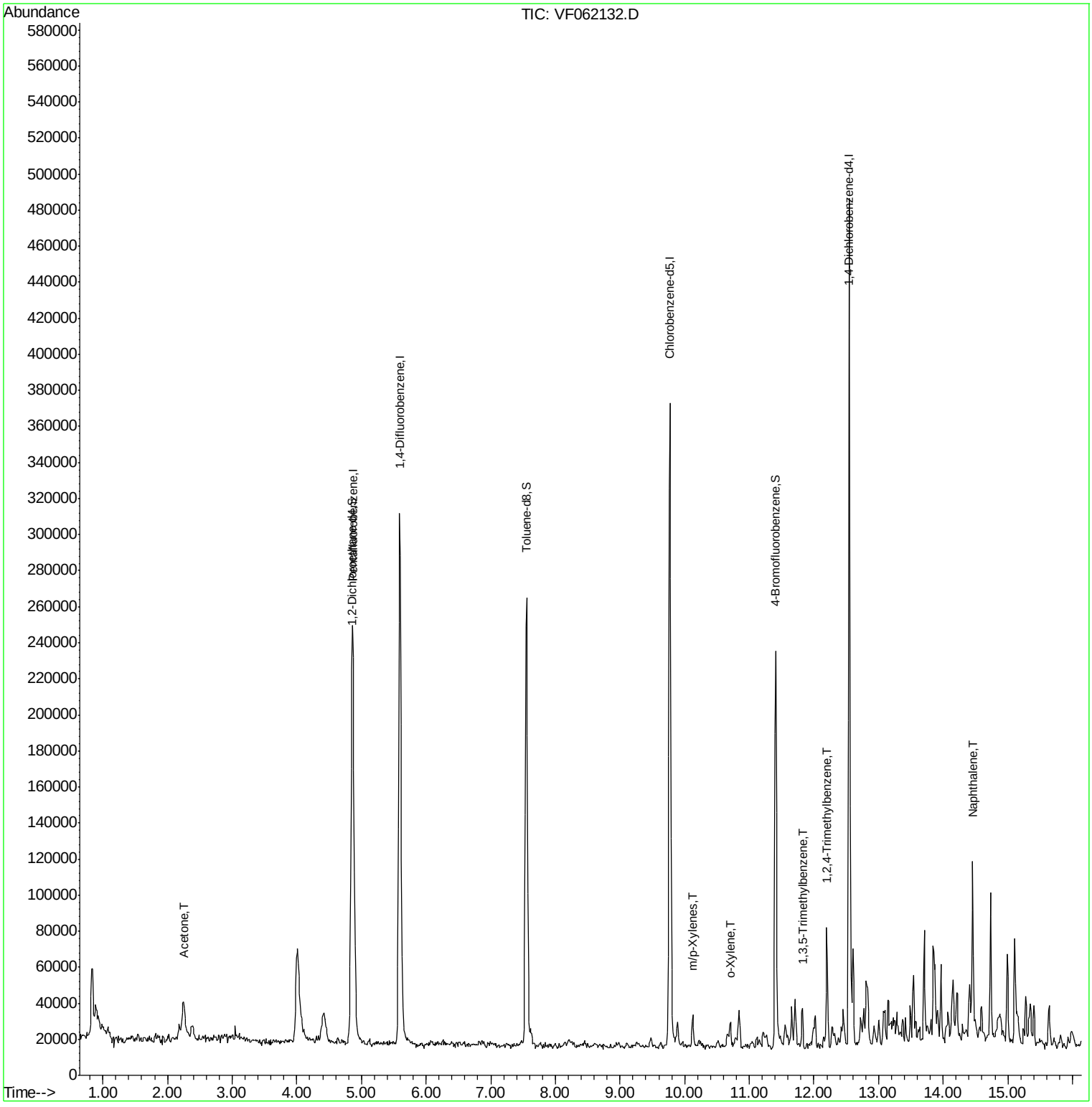
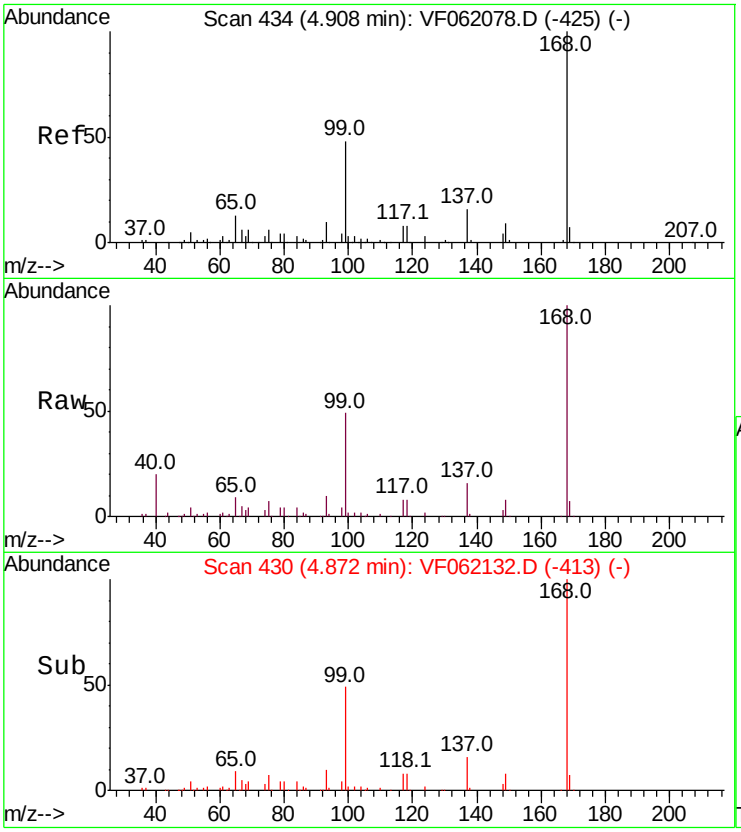


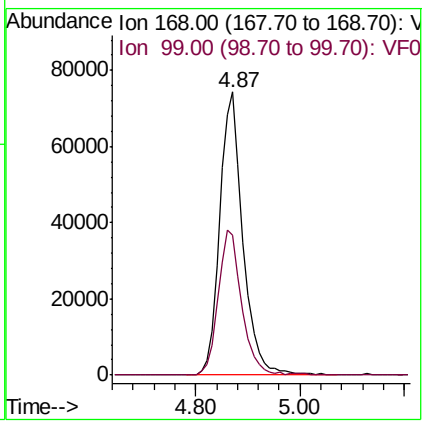


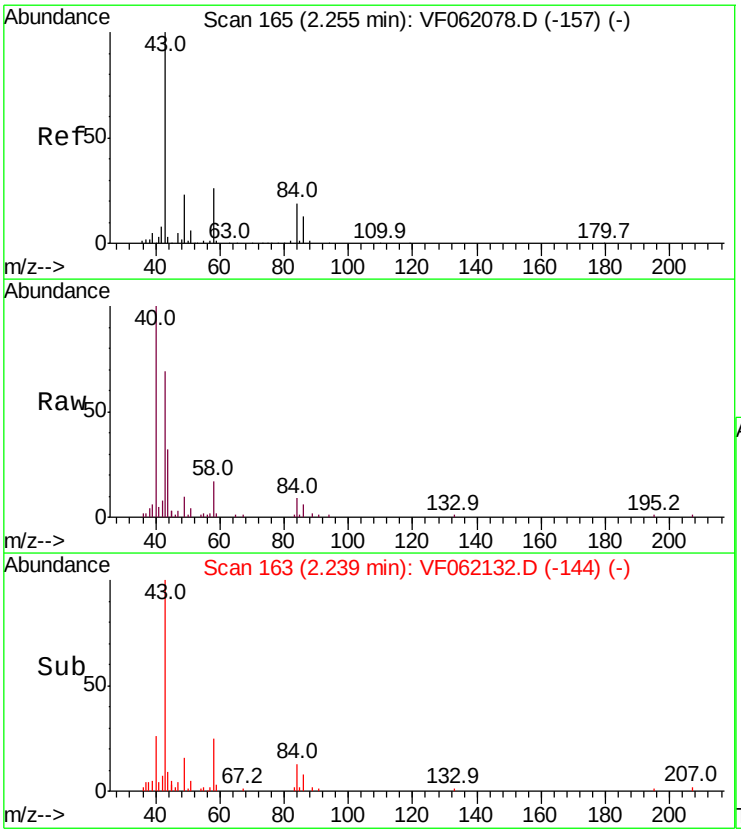
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument : MSVOA_F
ClientSampleId : FK-SF-01-005-BRE

Tgt Ion:168 Resp: 226640

Ion	Ratio	Lower	Upper
168	100		
99	49.4	38.2	57.4

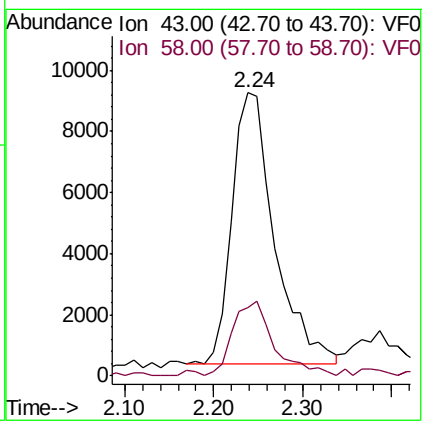


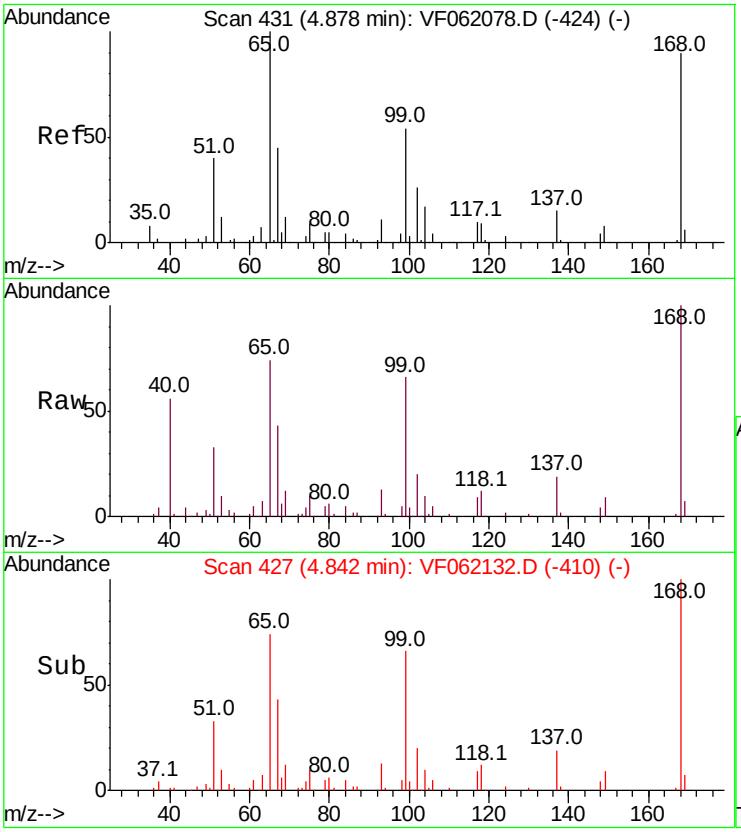


#16
Acetone
Concen: 82.881 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion: 43 Resp: 29406

Ion	Ratio	Lower	Upper
43	100		
58	24.3	20.8	31.2



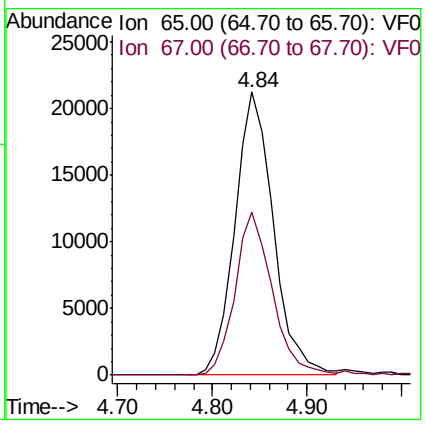


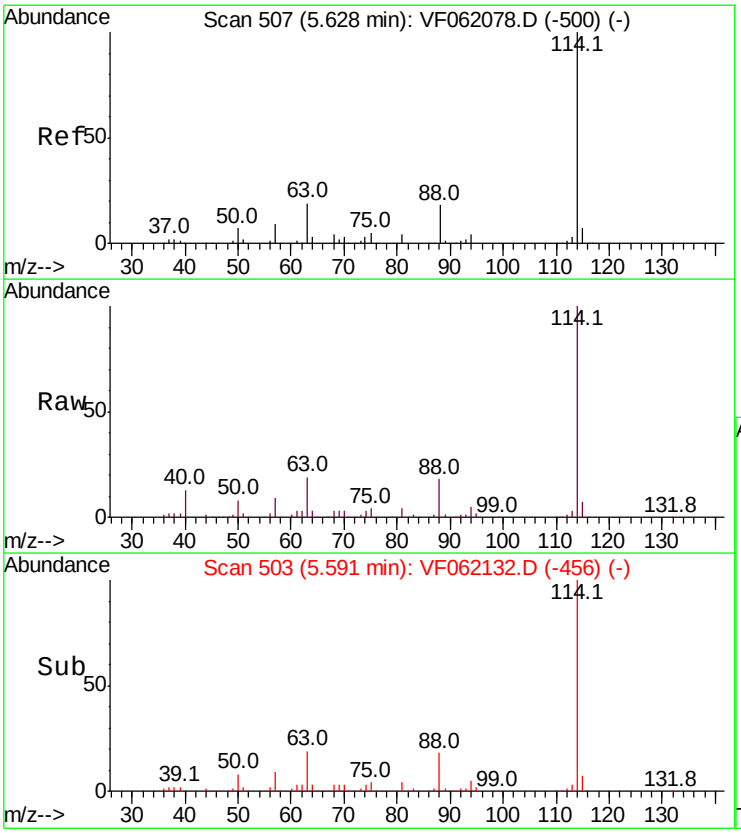
#33
1,2-Dichloroethane-d4
Concen: 35.602 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion: 65 Resp: 60017

Ion	Ratio	Lower	Upper
65	100		
67	57.6	0.0	106.2

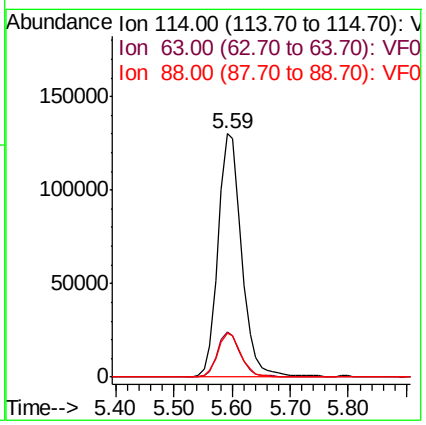


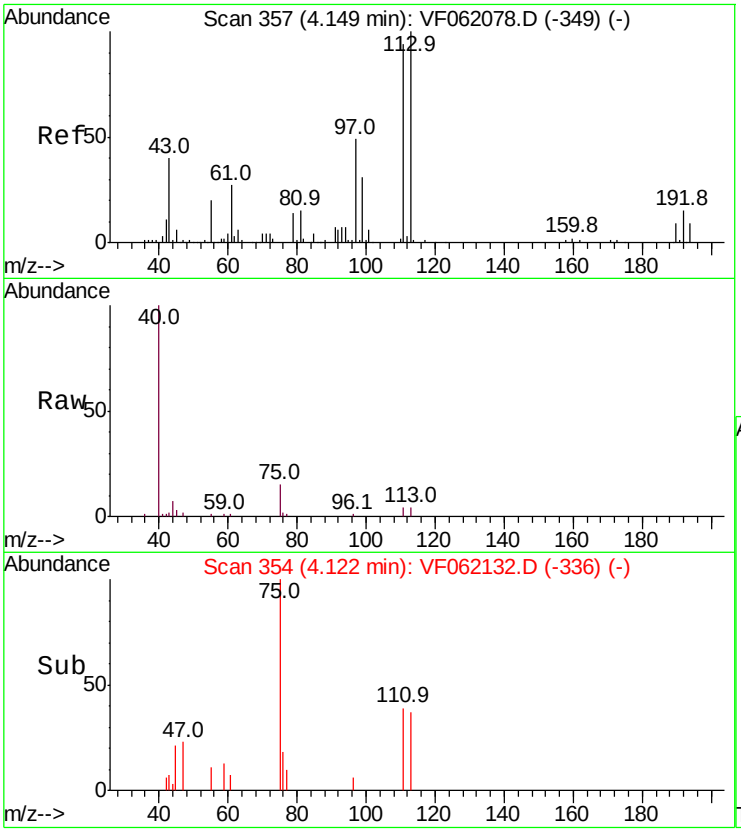


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.04 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion:114 Resp: 367732

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.8
88	18.3	0.0	36.4



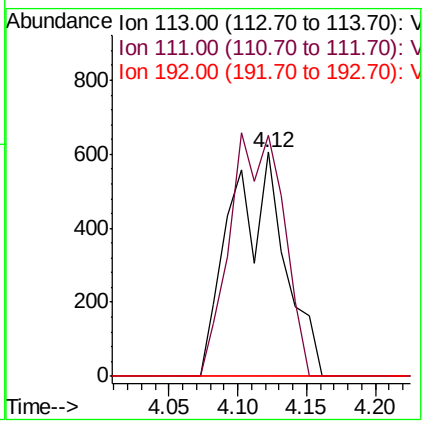


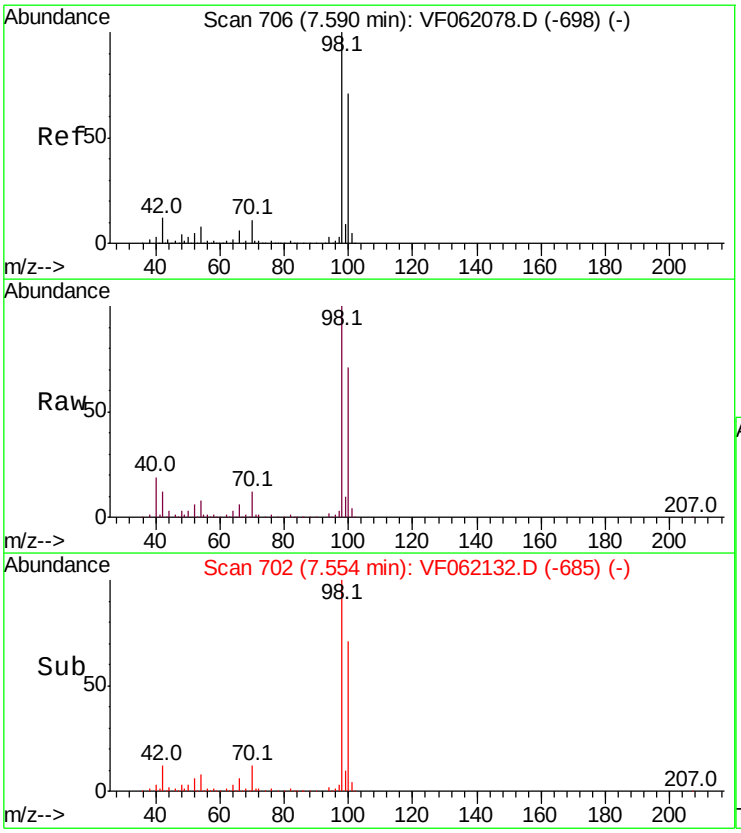
#35
Dibromofluoromethane
Concen: 0.664 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:113 Resp: 1651

Ion	Ratio	Lower	Upper
113	100		
111	107.6	75.4	113.0
192	0.0	12.3	18.5#

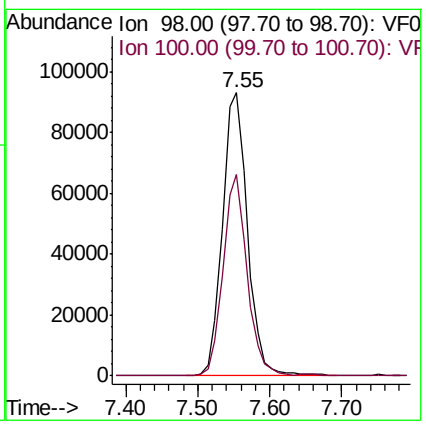


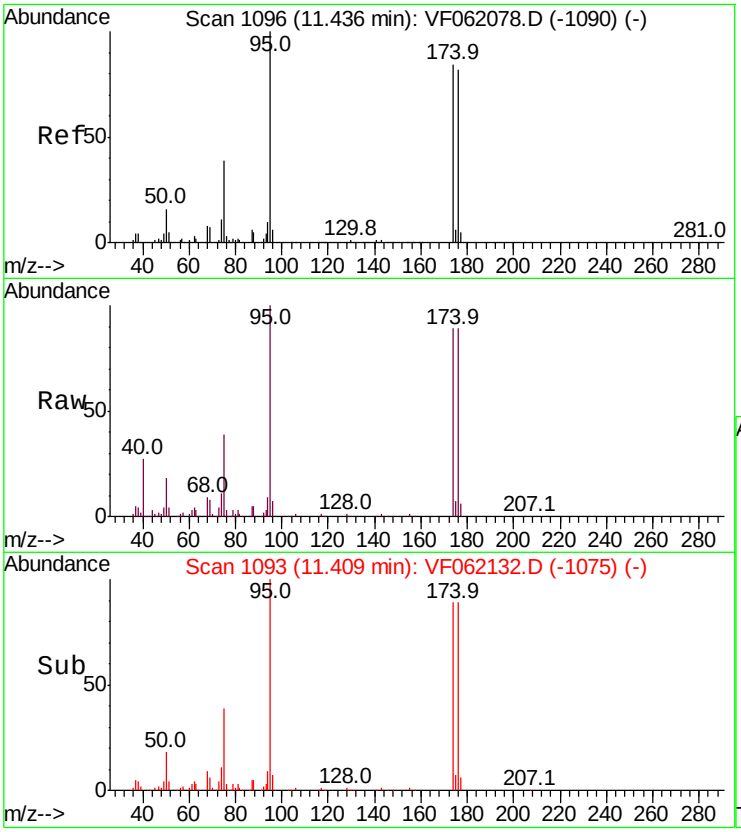


#50
Toluene-d8
Concen: 30.166 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion: 98 Resp: 223998

Ion	Ratio	Lower	Upper
98	100		
100	71.2	57.0	85.6



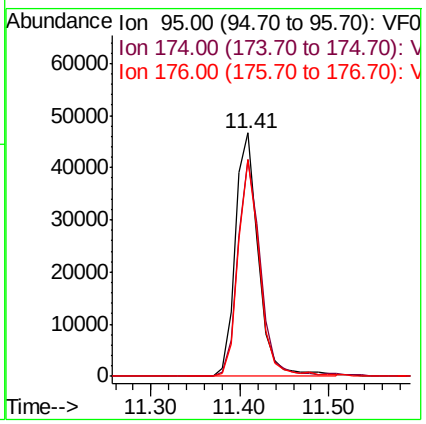


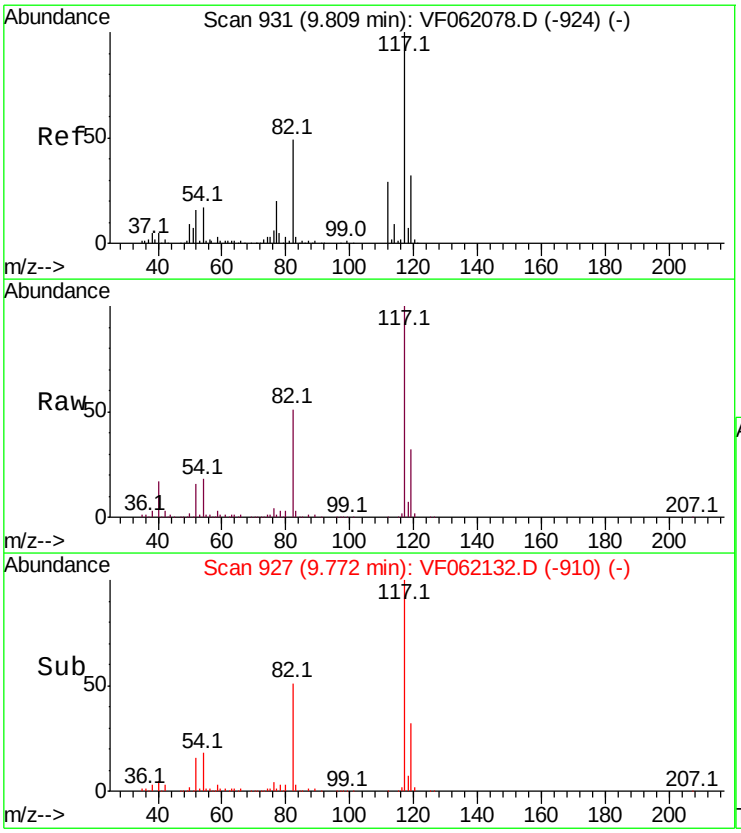
#62
4-Bromofluorobenzene
Concen: 29.551 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion: 95 Resp: 84711

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	168.2
176	89.0	0.0	164.2

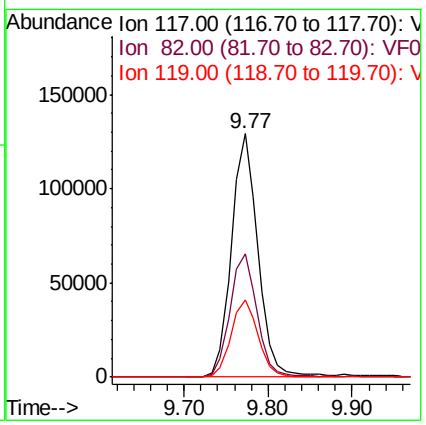


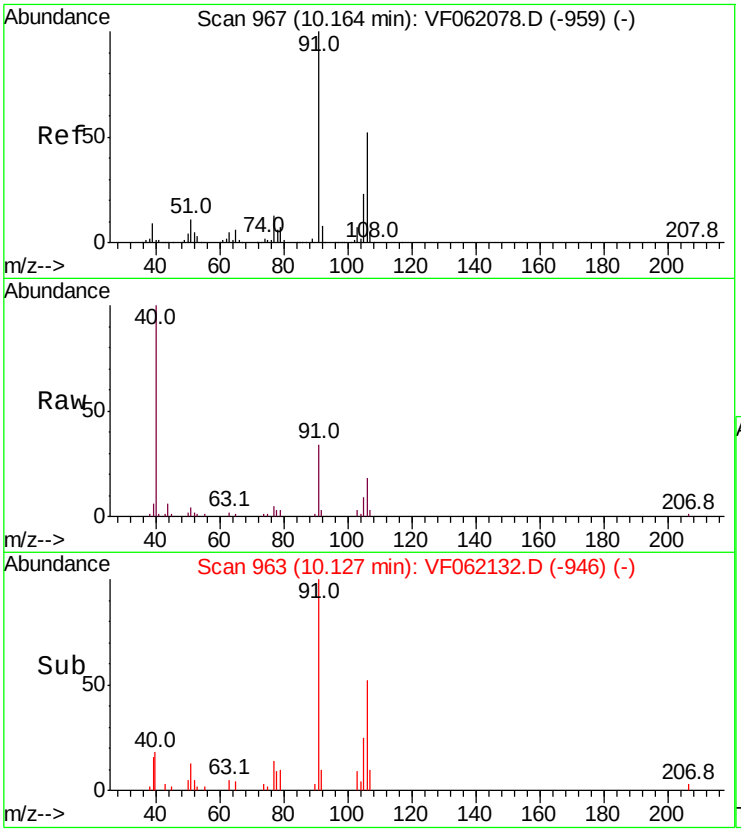


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion:117 Resp: 282146

Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.2	58.8
119	31.5	25.4	38.2



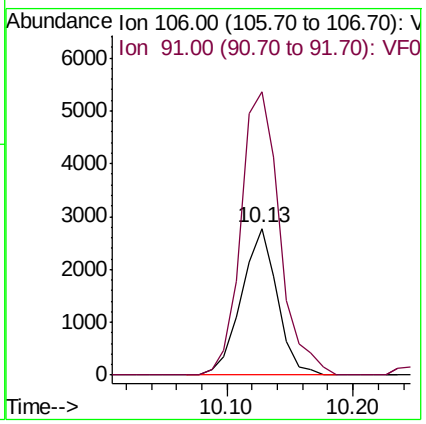


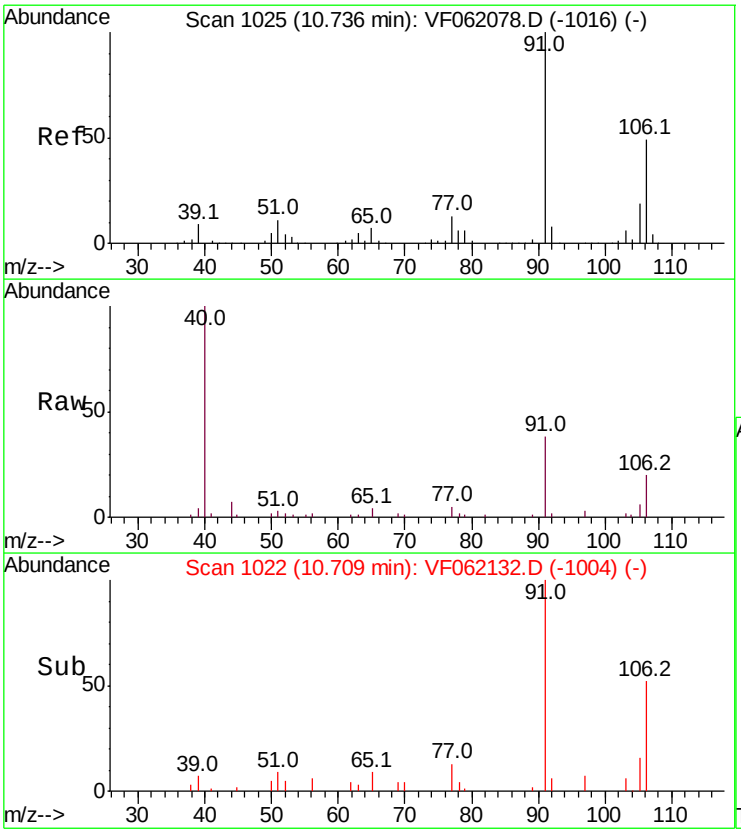
#68
m/p-Xylenes
Concen: 1.593 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument :
MSVOA_F
ClientSampleId :
FK-SF-01-005-BRE

Tgt Ion:106 Resp: 5466

Ion	Ratio	Lower	Upper
106	100		
91	193.1	154.4	231.6

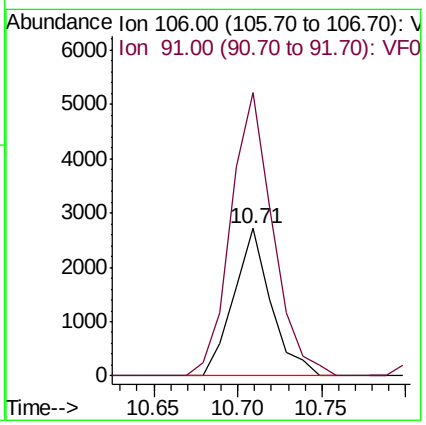


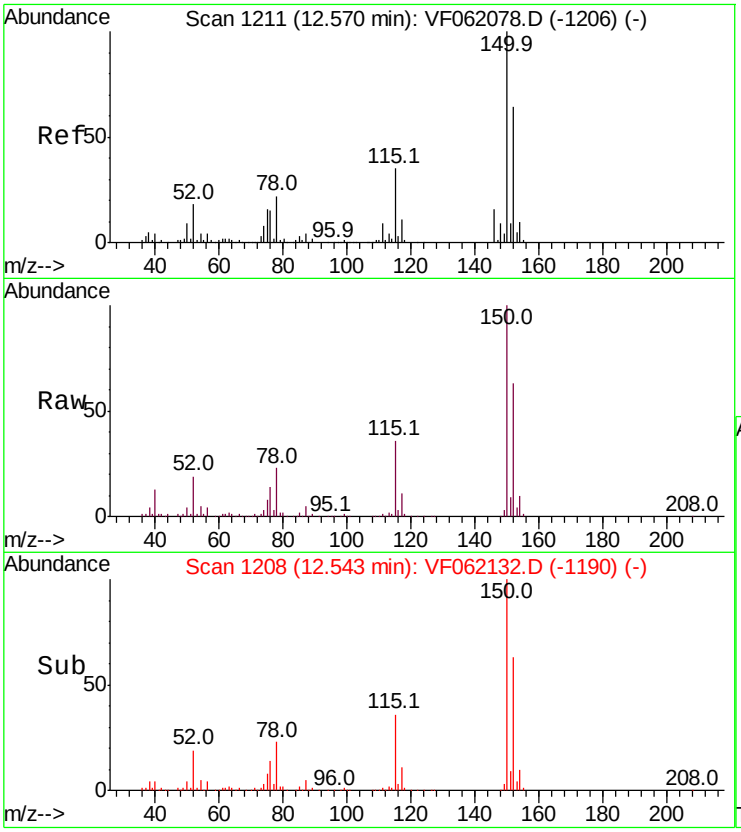


#69
o-Xylene
Concen: 1.168 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.03 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion:106 Resp: 4196

Ion	Ratio	Lower	Upper
106	100		
91	191.8	102.6	307.8



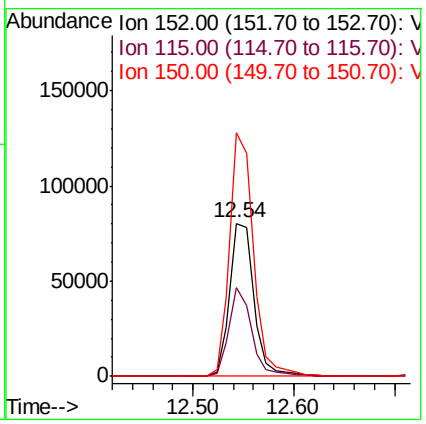


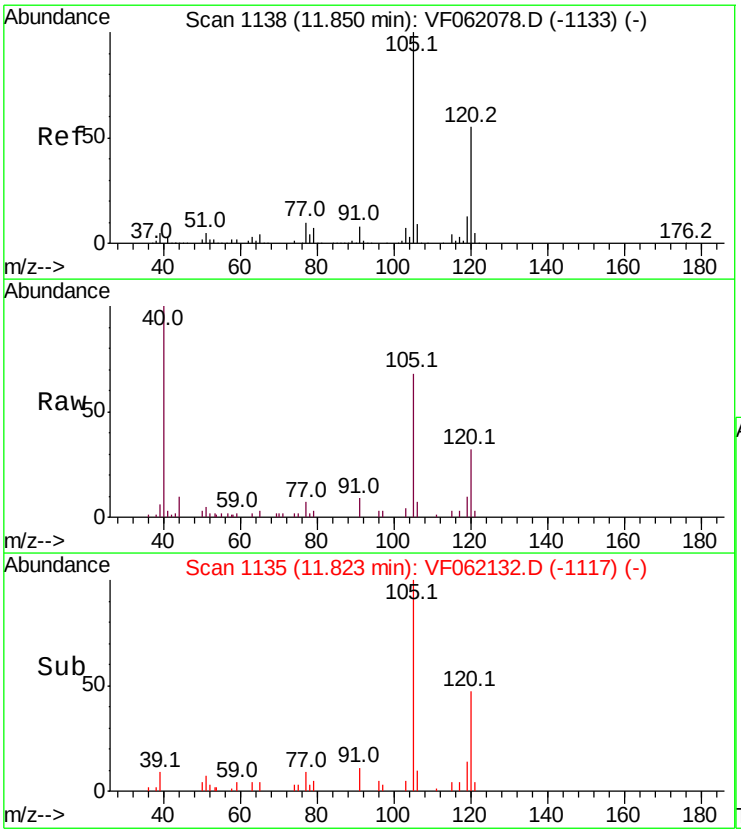
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument : MSVOA_F
ClientSampleId : FK-SF-01-005-BRE

Tgt Ion:152 Resp: 135719

Ion	Ratio	Lower	Upper
152	100		
115	57.5	27.7	83.1
150	158.8	0.0	313.2

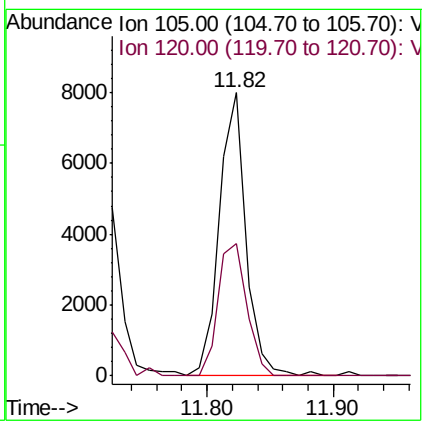


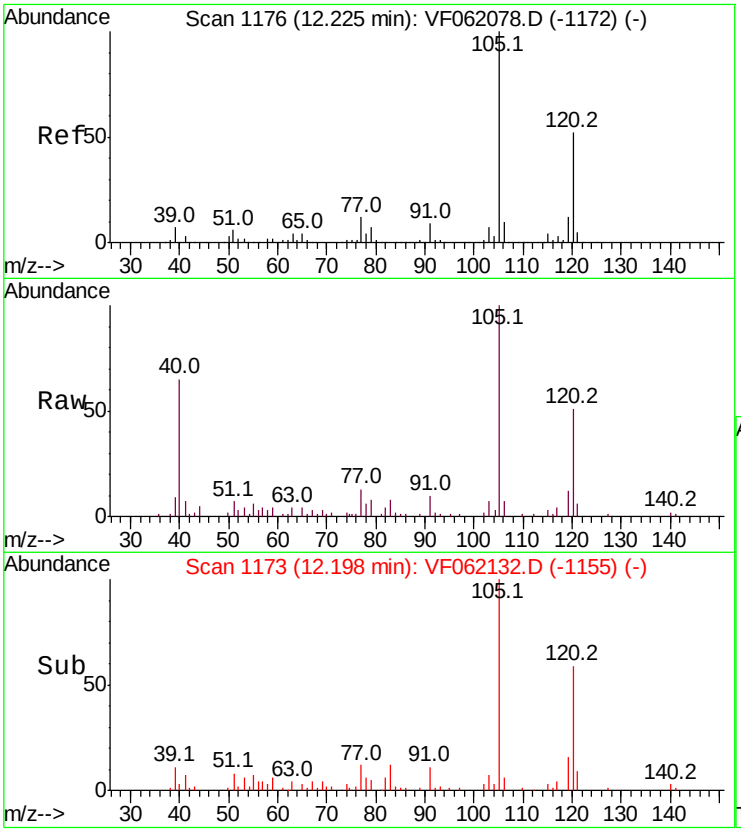


#80
1,3,5-Trimethylbenzene
Concen: 1.483 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.03 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion:105 Resp: 11651

Ion	Ratio	Lower	Upper
105	100		
120	46.7	27.8	83.3



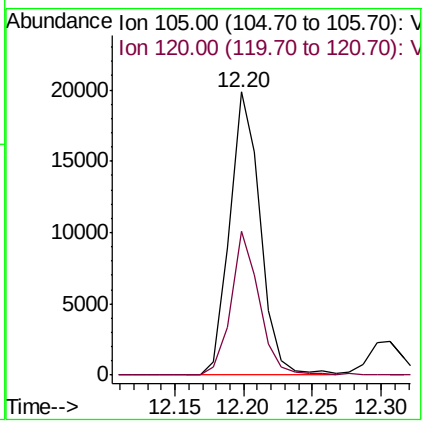


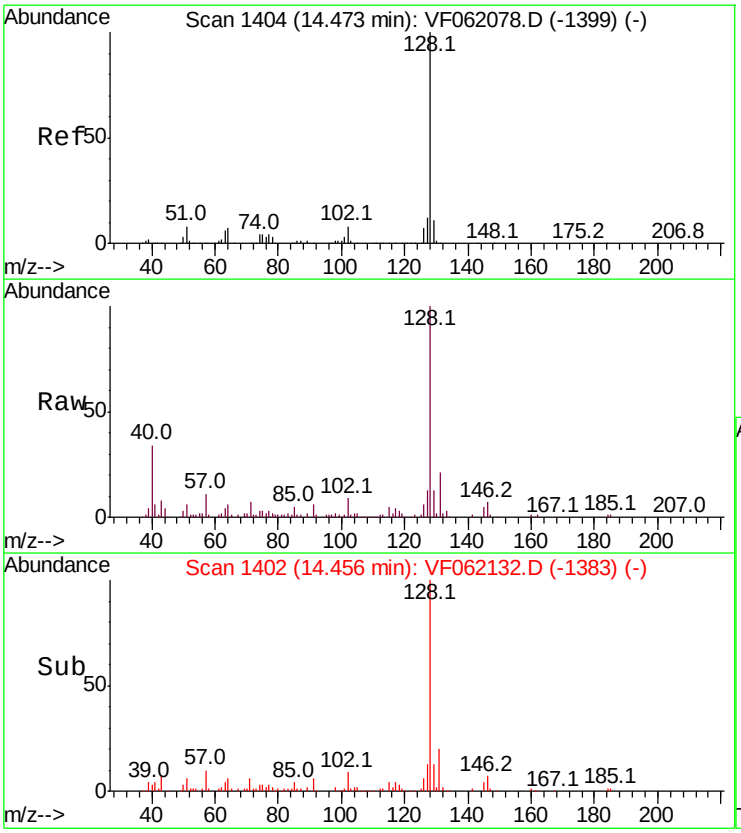
#84
1,2,4-Trimethylbenzene
Concen: 3.987 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.03 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Instrument : MSVOA_F
ClientSampleId : FK-SF-01-005-BRE

Tgt Ion:105 Resp: 30704

Ion	Ratio	Lower	Upper
105	100		
120	50.6	26.1	78.2





#95
Naphthalene
Concen: 10.218 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF062132.D
Acq: 25 Mar 2019 15:26

Tgt Ion:128 Resp: 50796

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.5	14.3
129	12.8	8.7	13.1