Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040419\
Data File : VD061592.D
Acq On : 4 Apr 2019 21:23
Operator : VA/AP
Sample : K2244-02
Misc : 5.15g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-007-ABCD

Quant Time: Apr 05 09:49:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	396705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	630626	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	459115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	133711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	155787	45.97	ug/l	-0.01
Spiked Amount 50.000			Recovery = 91.94%			
35) Dibromofluoromethane	6.90	113	216718	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.94%			
50) Toluene-d8	10.38	98	422974	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.18%			
62) 4-Bromofluorobenzene	13.54	95	143333	32.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.68%			
Target Compounds						Qvalue
16) Acetone	3.19	43	51627	59.263	ug/l	98
20) Methylene Chloride	3.80	84	29260	4.238	ug/l	93
52) Toluene	10.48	92	21071	2.500	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	13195	1.827	ug/l	98
84) 1,2,4-Trimethylbenzene	14.22	105	21171	2.708	ug/l	95
95) Naphthalene	16.11	128	5298	1.991	ug/l	96

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

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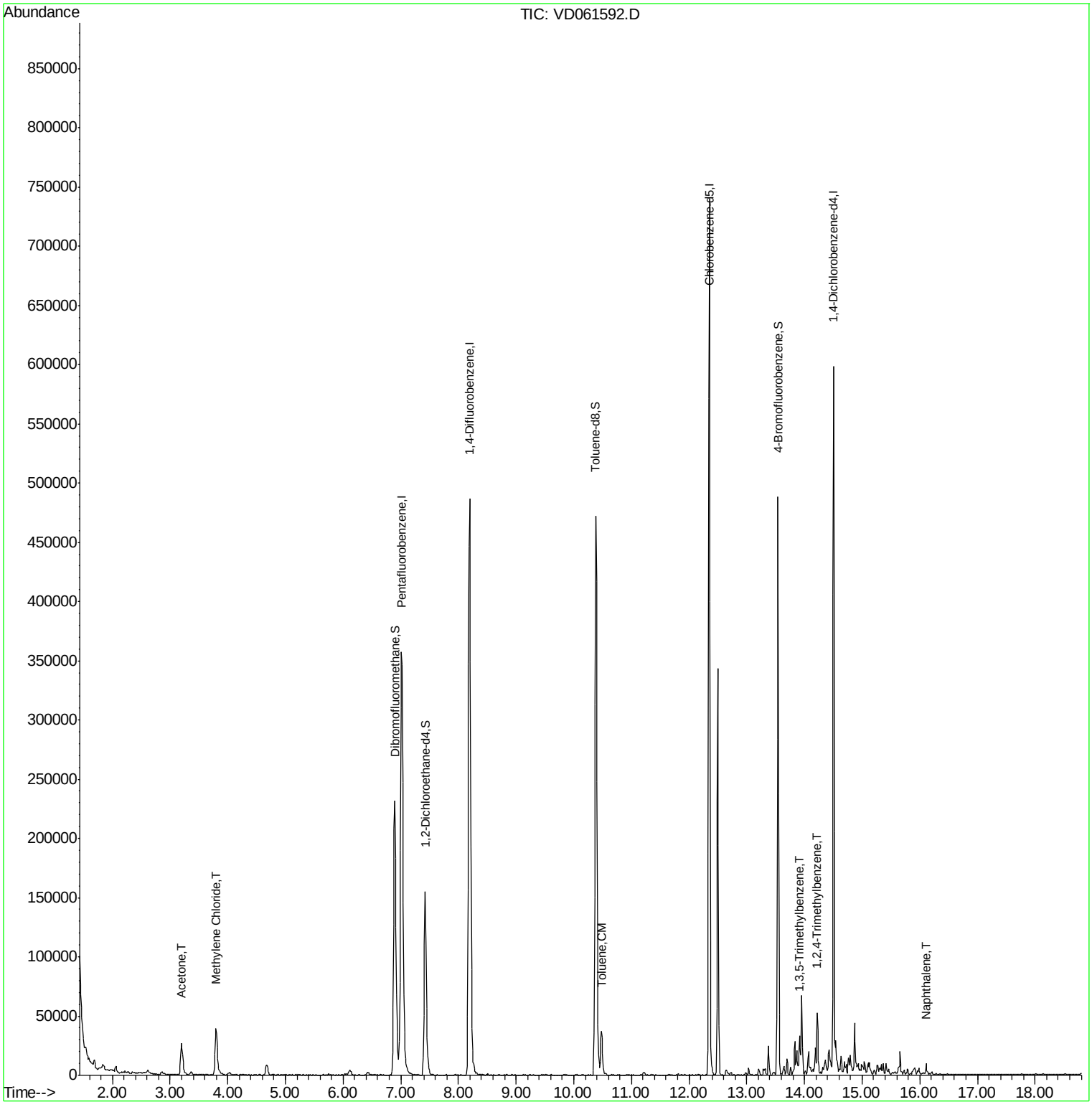
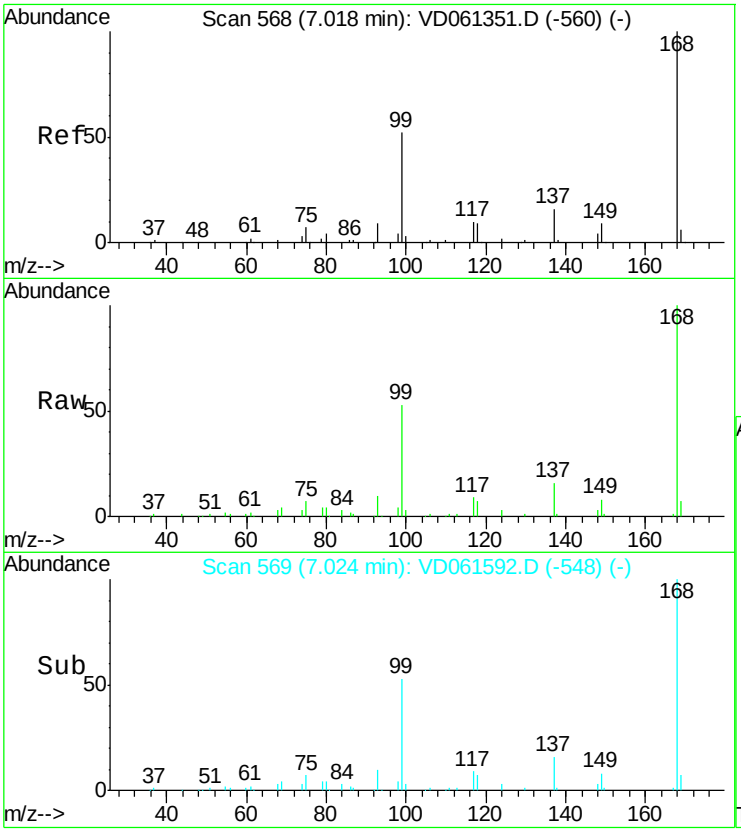


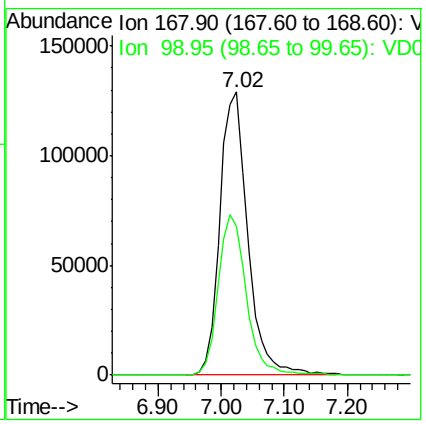


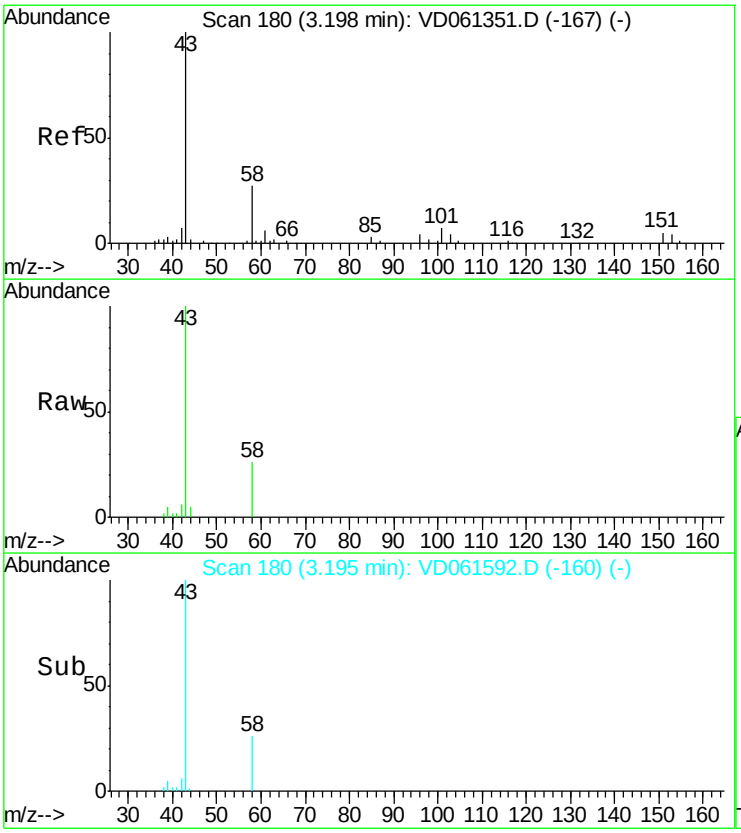
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.01 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tgt Ion:168 Resp: 396705

Ion	Ratio	Lower	Upper
168	100		
99	52.6	43.1	64.7

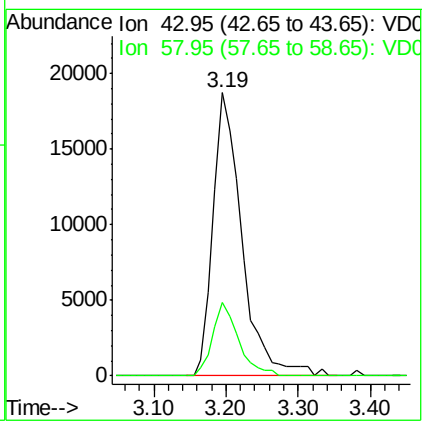


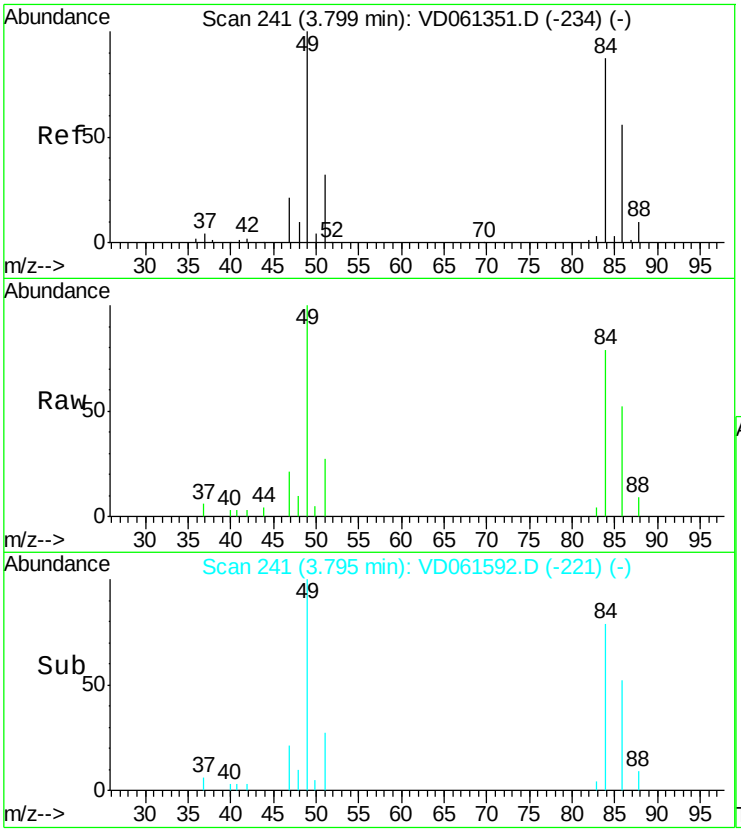


#16
Acetone
Concen: 59.263 ug/l
RT: 3.19 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion: 43 Resp: 51627

Ion	Ratio	Lower	Upper
43	100		
58	26.1	21.5	32.3



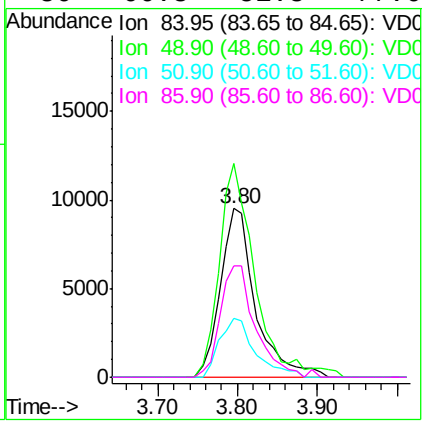


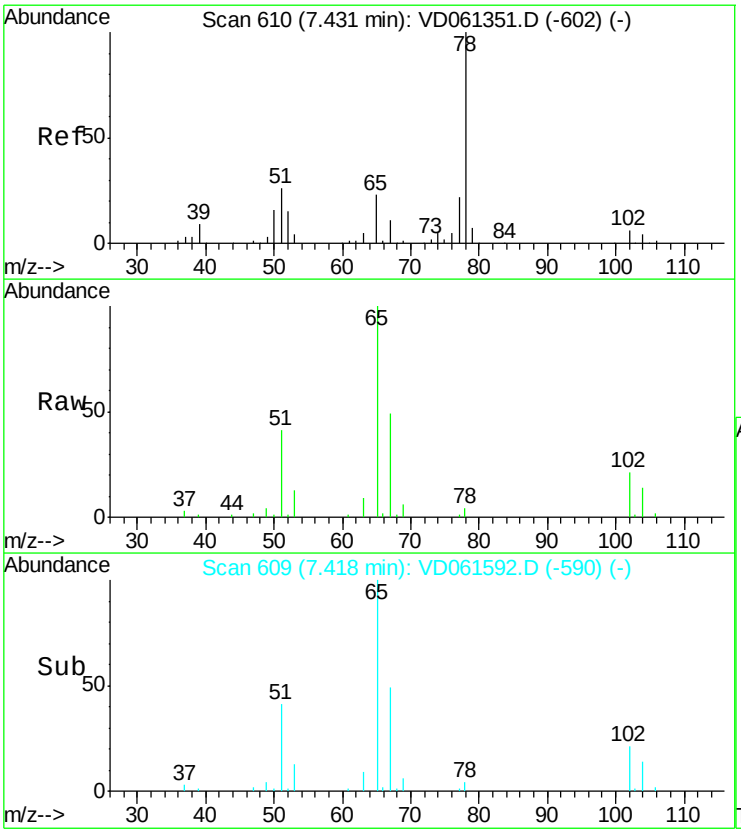
#20
Methylene Chloride
Concen: 4.238 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-007-ABCD

Tgt Ion: 84 Resp: 29260

Ion	Ratio	Lower	Upper
84	100		
49	126.7	91.8	137.8
51	34.7	29.8	44.8
86	66.3	51.8	77.6

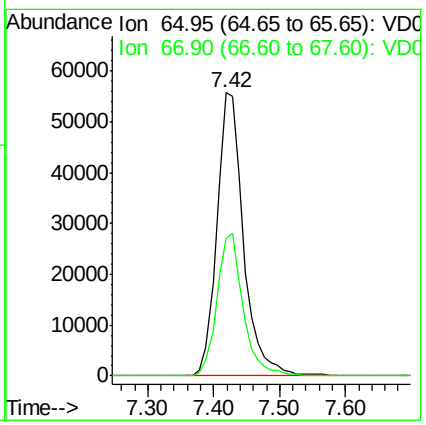


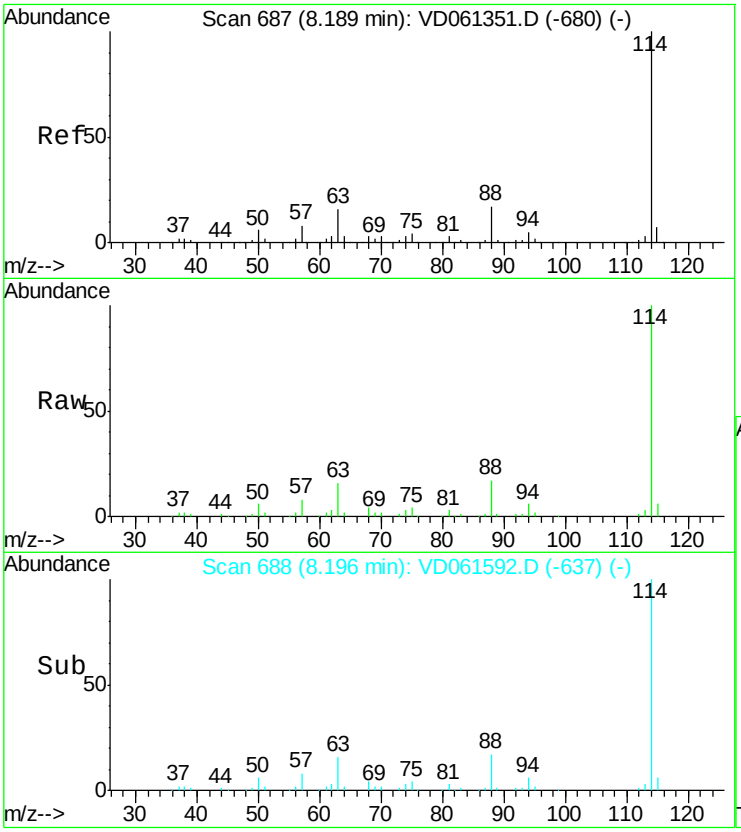


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.01 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion: 65 Resp: 155787

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.8



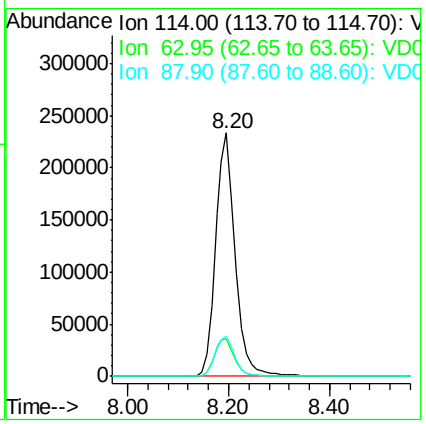


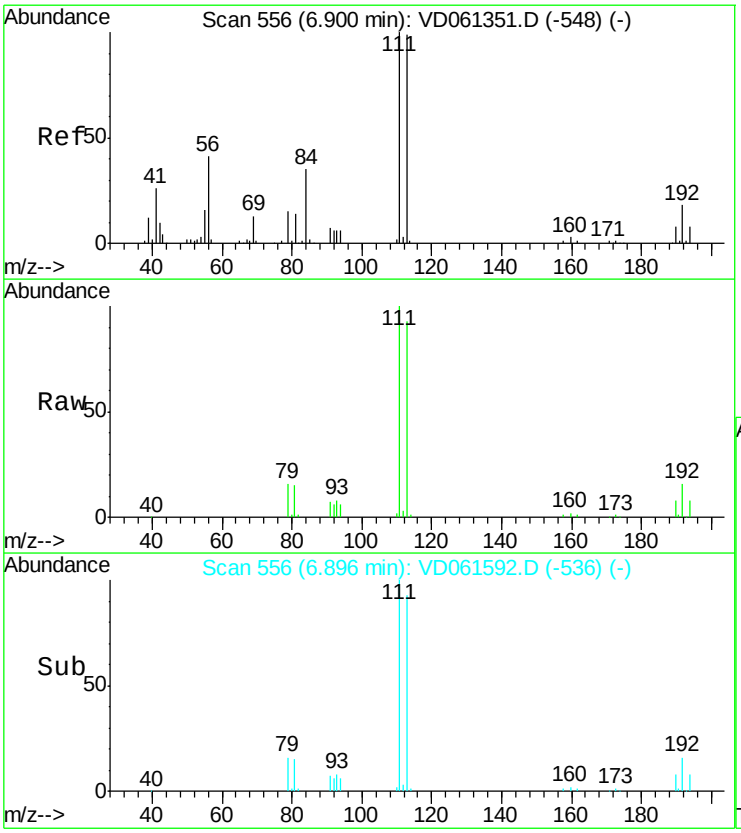
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. 0.01 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tgt Ion:114 Resp: 630626

Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	31.6
88	16.5	0.0	33.4

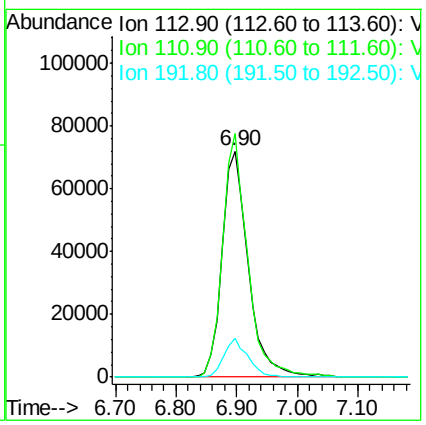


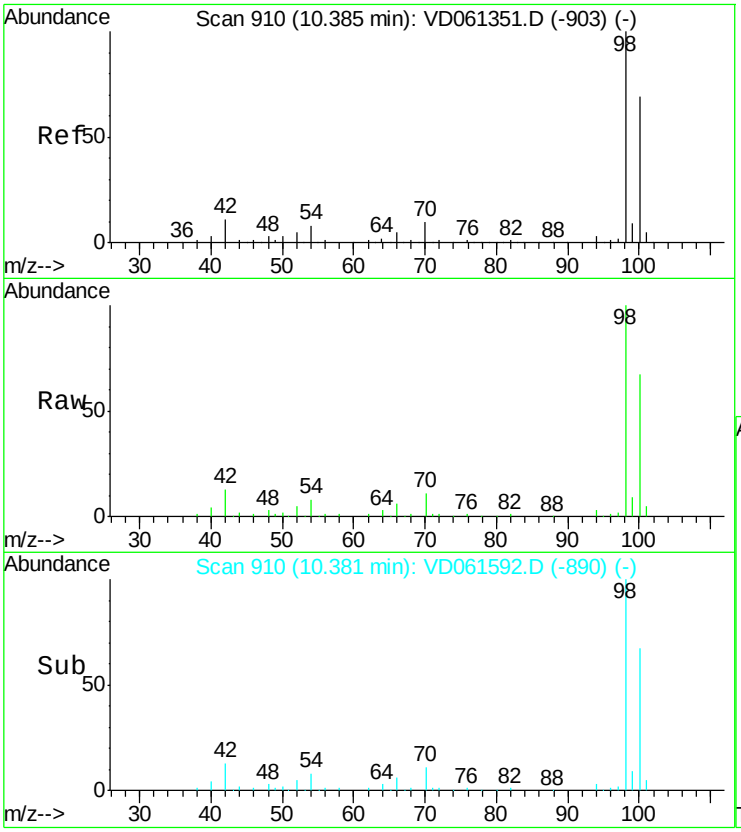


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion:113 Resp: 216718

Ion	Ratio	Lower	Upper
113	100		
111	107.8	81.0	121.6
192	17.4	14.4	21.6



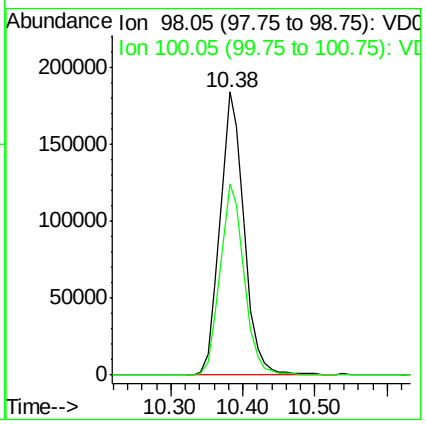


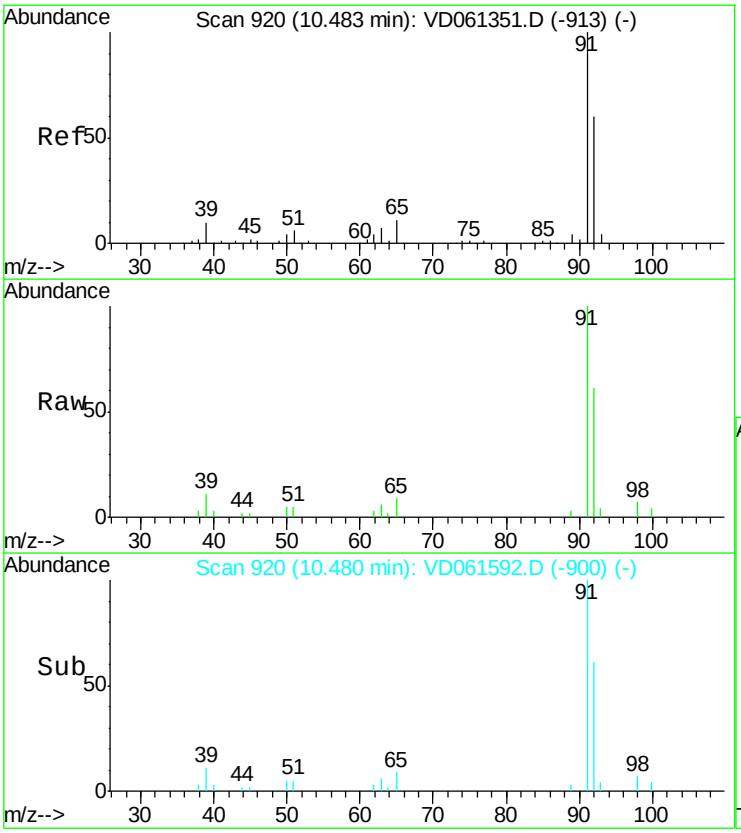
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tgt Ion: 98 Resp: 422974

Ion	Ratio	Lower	Upper
98	100		
100	67.4	56.2	84.2

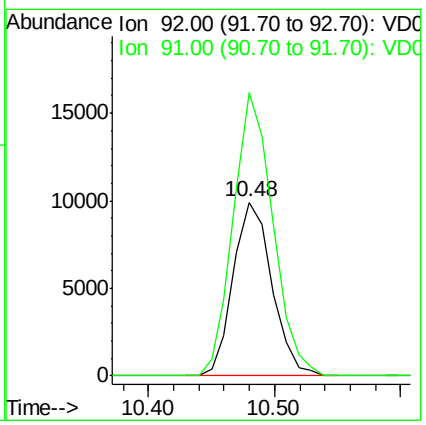


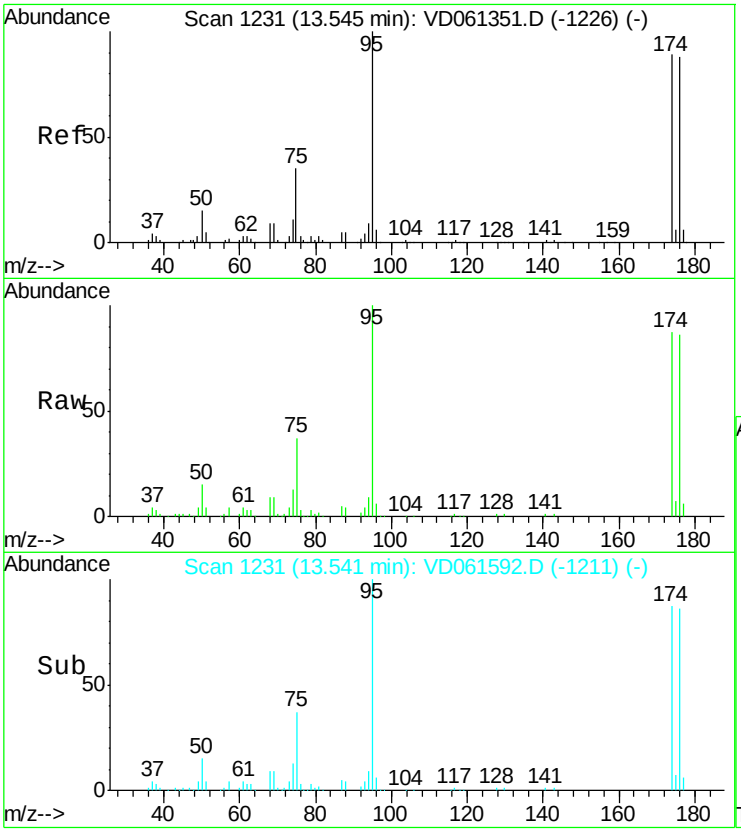


#52
Toluene
Concen: 2.500 ug/l
RT: 10.48 min Scan# 920
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion: 92 Resp: 21071

Ion	Ratio	Lower	Upper
92	100		
91	163.3	133.3	199.9



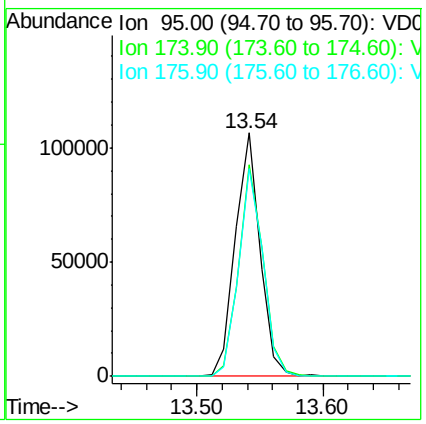


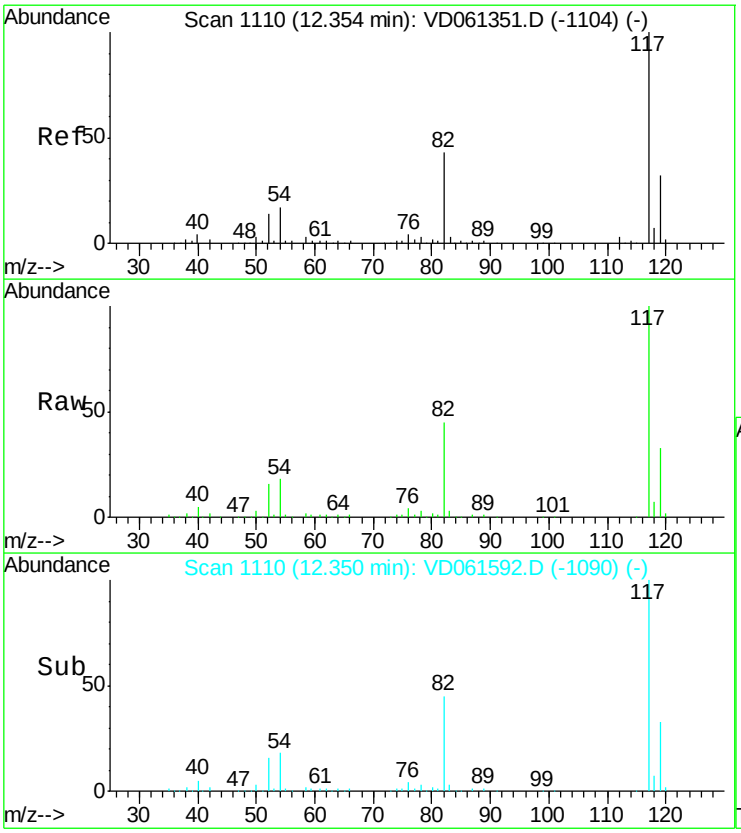
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tgt Ion: 95 Resp: 143333

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	178.0
176	85.6	0.0	175.0

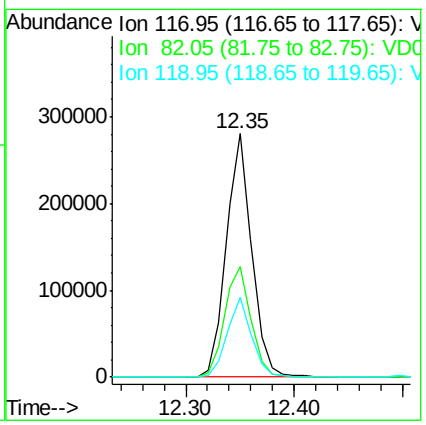


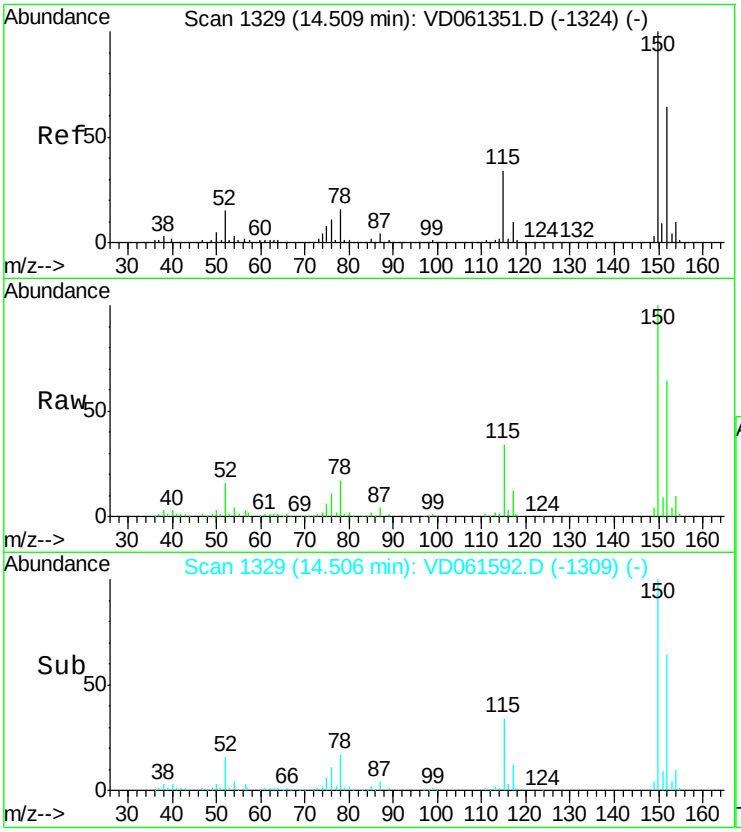


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion:117 Resp: 459115

Ion	Ratio	Lower	Upper
117	100		
82	45.3	34.4	51.6
119	32.7	25.8	38.6



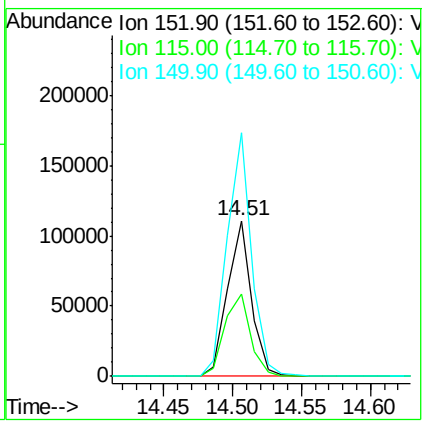


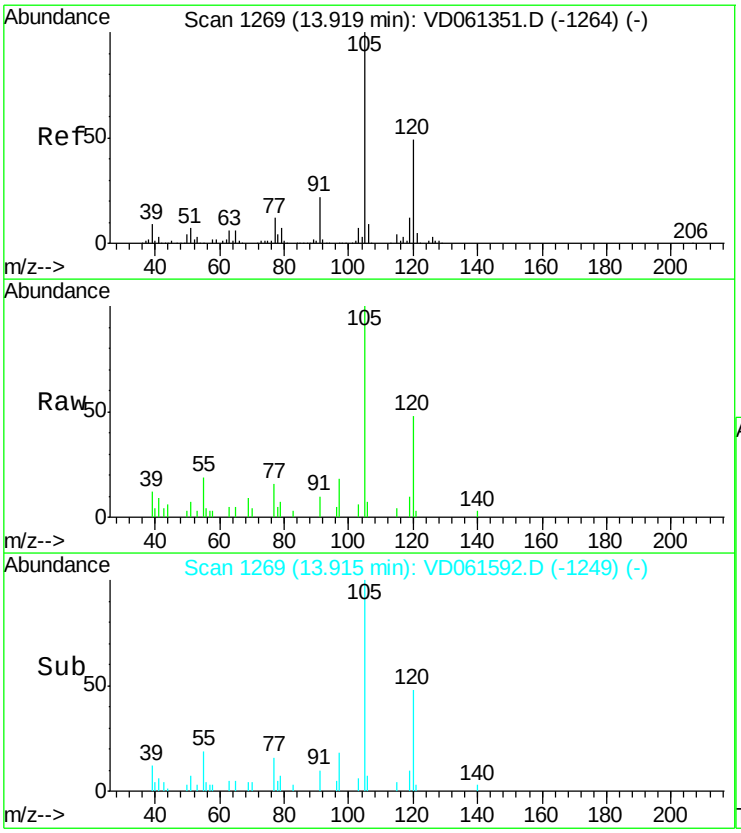
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tgt Ion:152 Resp: 133711

Ion	Ratio	Lower	Upper
152	100		
115	52.7	26.9	80.6
150	156.2	0.0	318.0

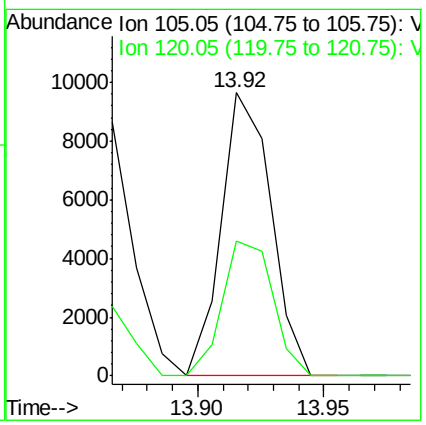


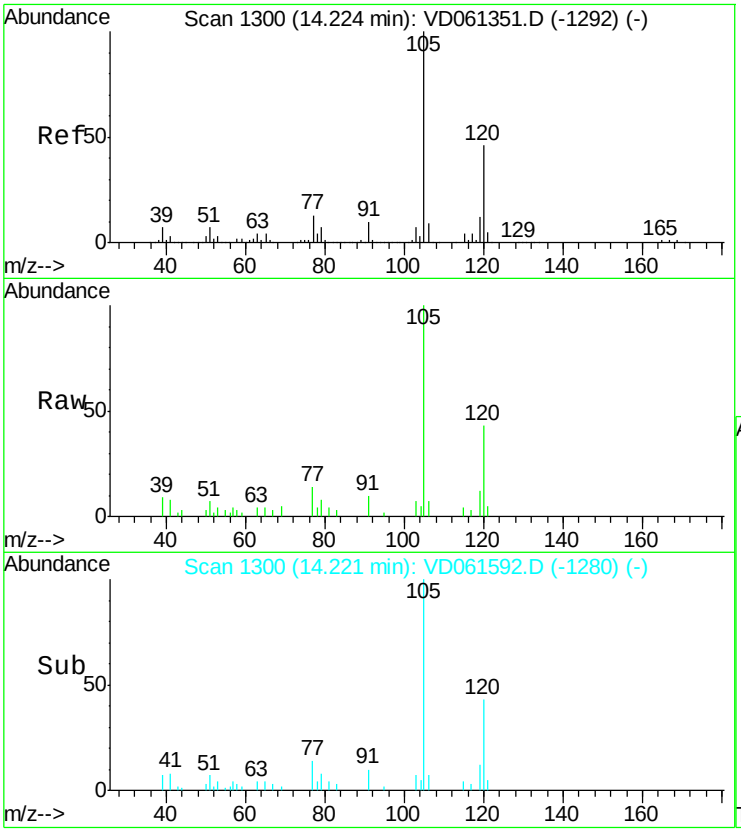


#80
1,3,5-Trimethylbenzene
Concen: 1.827 ug/l
RT: 13.92 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion:105 Resp: 13195

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.6	73.6



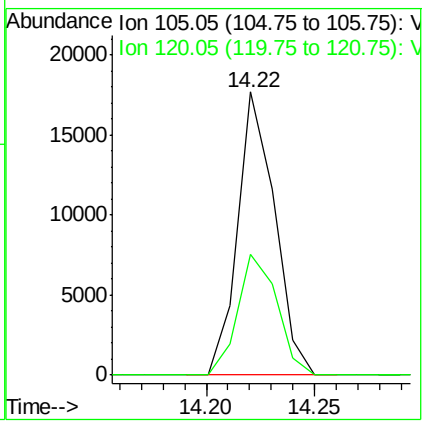


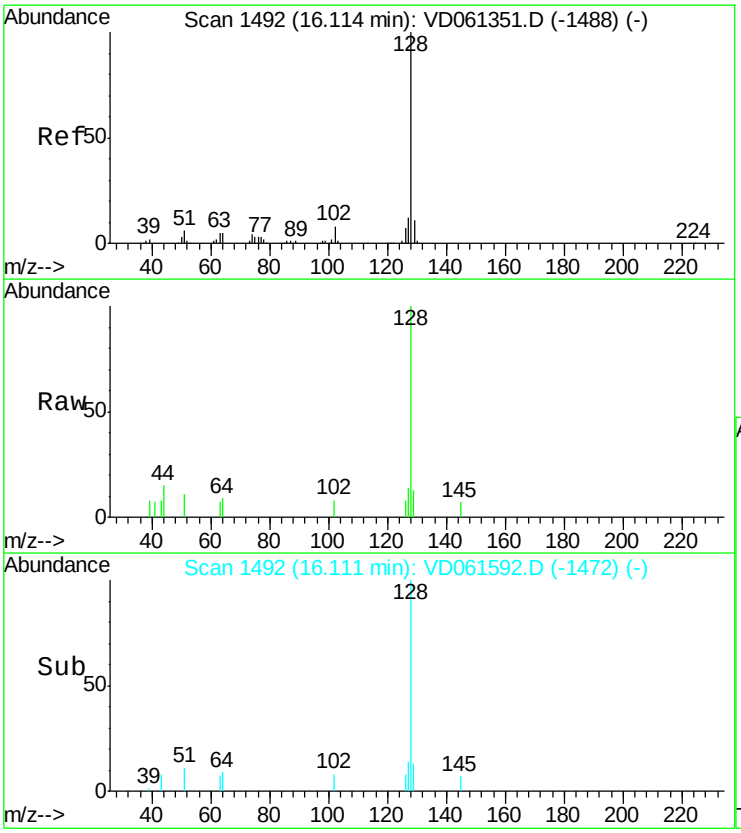
#84
1,2,4-Trimethylbenzene
Concen: 2.708 ug/l
RT: 14.22 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-007-ABCD

Tgt Ion:105 Resp: 21171

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.8	68.4





#95
Naphthalene
Concen: 1.991 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061592.D
Acq: 4 Apr 2019 21:23

Tgt Ion:128 Resp: 5298

Ion	Ratio	Lower	Upper
128	100		
127	13.8	9.9	14.9
129	12.7	8.9	13.3