Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000123.D
Acq On : 20 Sep 2019 21:07
Operator : SY/MD
Sample : K4938-08
Misc : 5.07g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : MG-TRENCH-2-SOIL

Quant Time: Sep 21 01:10:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	82491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	175154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	154574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	59382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	53114	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.92%			
35) Dibromofluoromethane	7.72	113	50603	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.44%			
50) Toluene-d8	10.18	98	212330	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.96%			
62) 4-Bromofluorobenzene	12.48	95	69124	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.40%			
Target Compounds						Qvalue
20) Methylene Chloride	4.72	84	11711	11.266	ug/l #	89
29) Tetrahydrofuran	7.35	42	64363	267.873	ug/l	96
68) m/p-Xylenes	11.70	106	2260	1.088	ug/l	89
80) 1,3,5-Trimethylbenzene	12.80	105	15594	3.934	ug/l	92
84) 1,2,4-Trimethylbenzene	13.12	105	8675	2.220	ug/l	88
95) Naphthalene	15.22	128	7204	2.258	ug/l #	97

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

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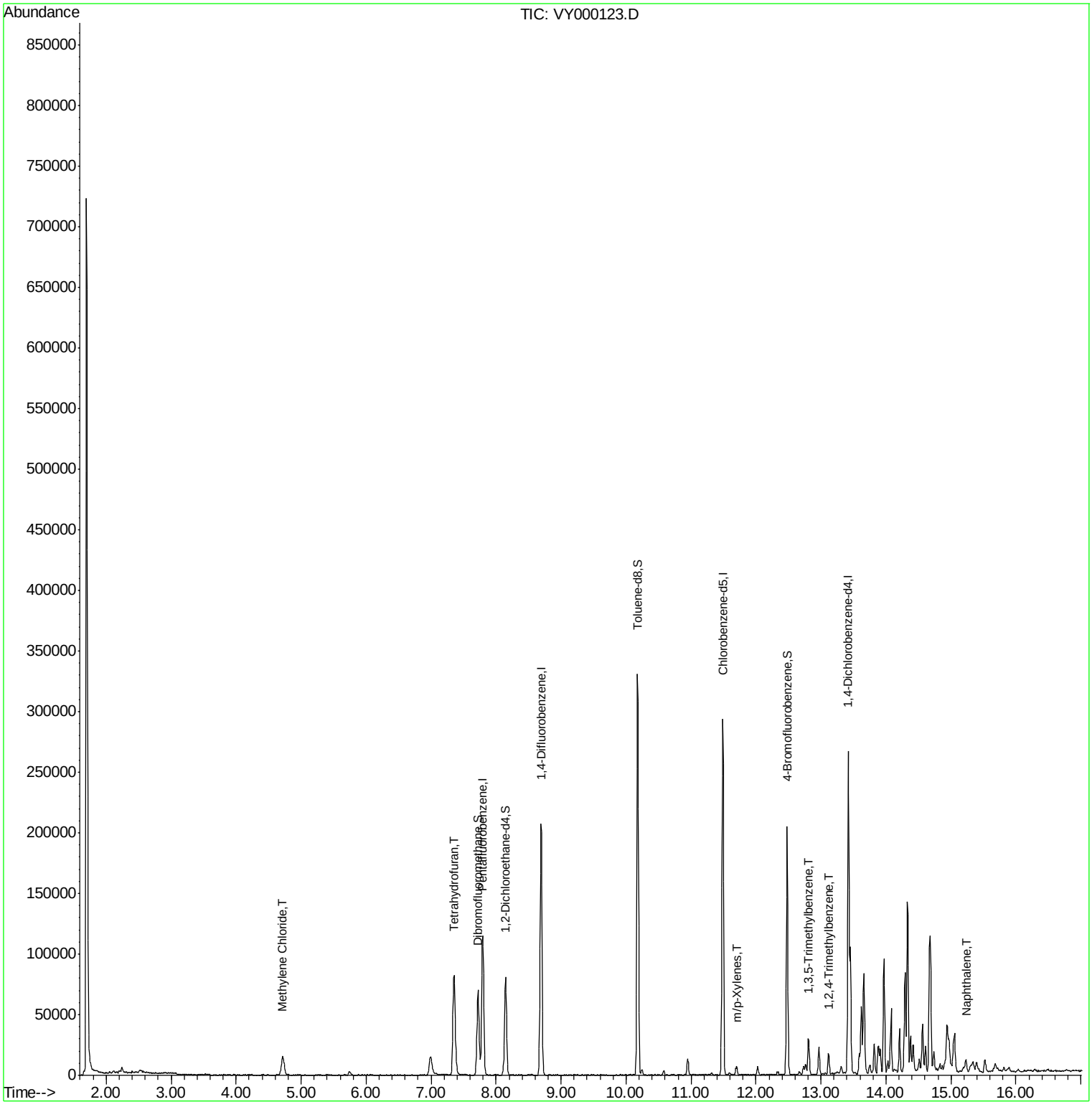
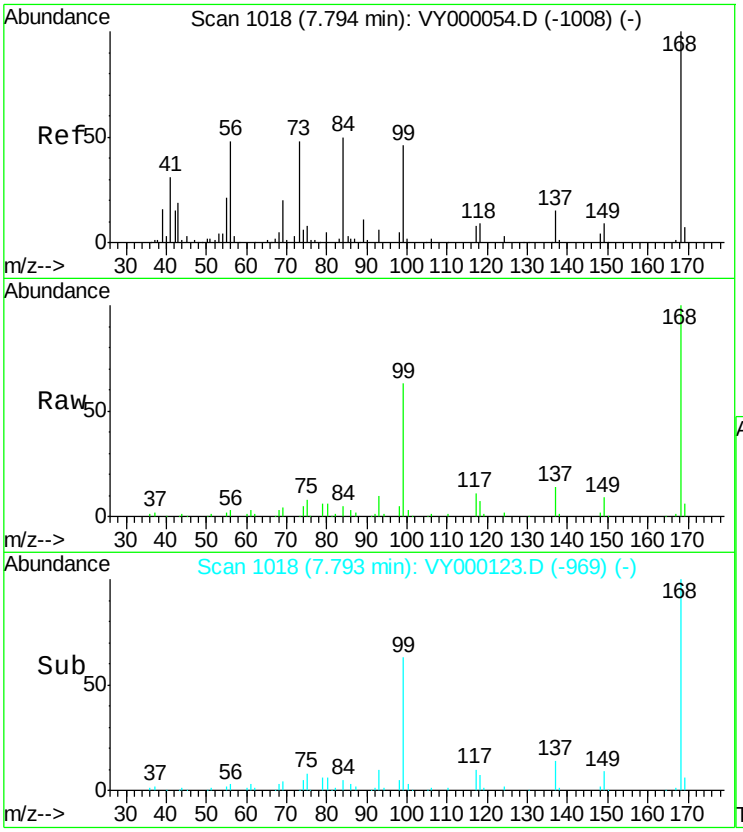


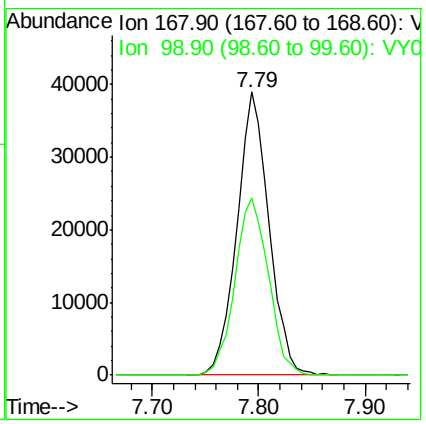


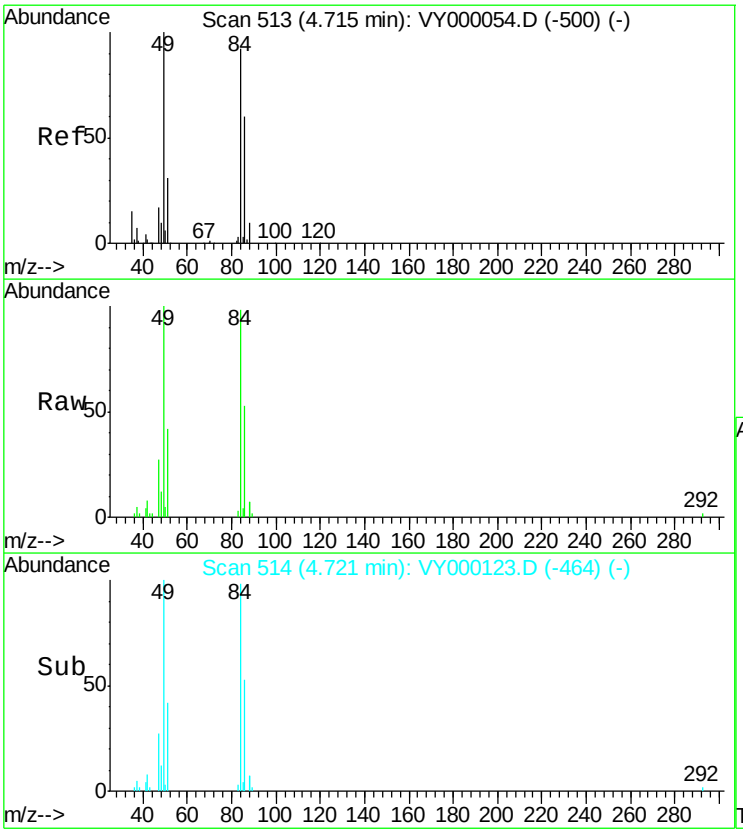
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Tgt Ion:168 Resp: 82491

Ion	Ratio	Lower	Upper
168	100		
99	62.6	44.2	66.2

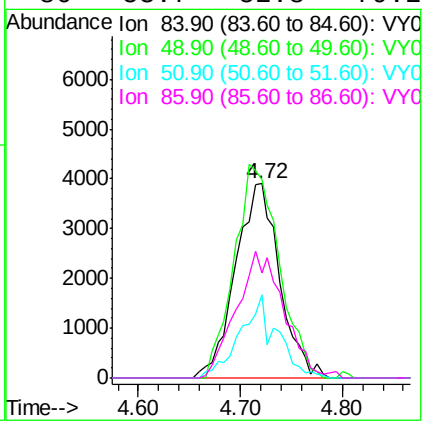


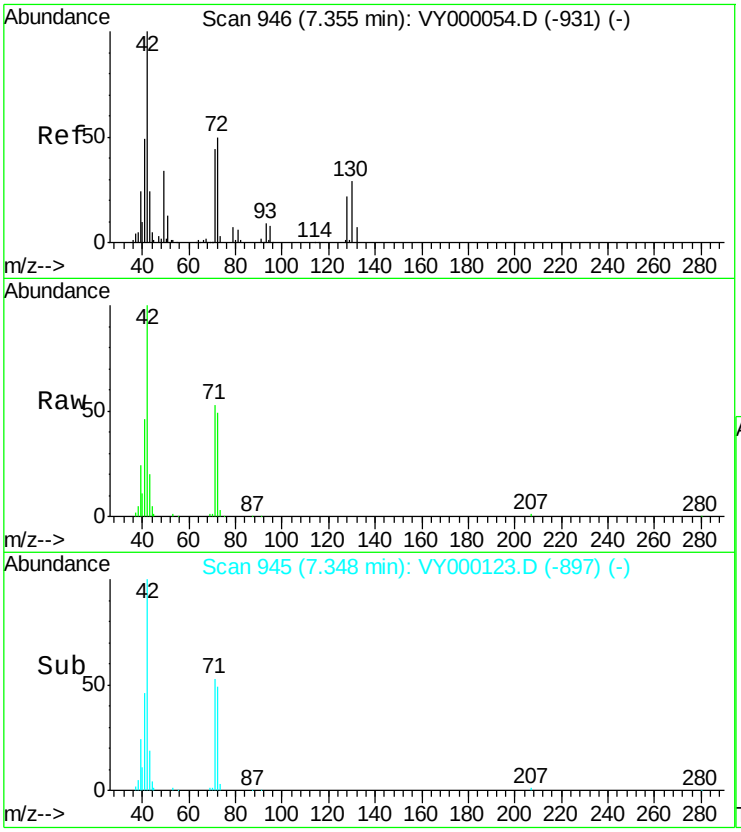


#20
Methylene Chloride
Concen: 11.266 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion: 84 Resp: 11711

Ion	Ratio	Lower	Upper
84	100		
49	102.1	87.4	131.0
51	43.0	27.2	40.8#
86	53.7	52.8	79.2



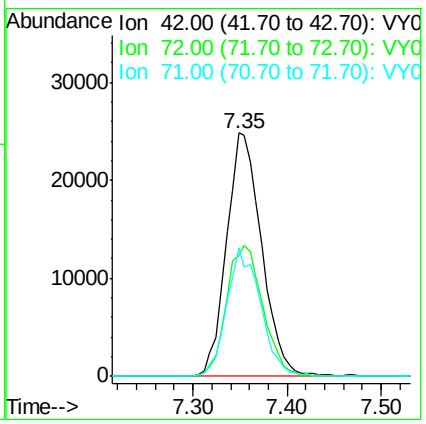


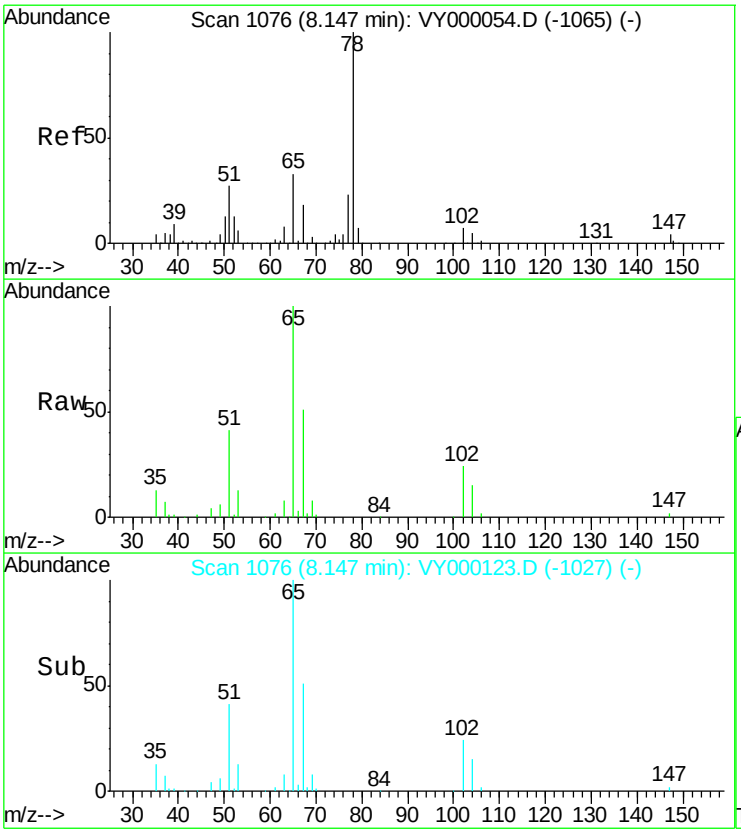
#29
Tetrahydrofuran
Concen: 267.873 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Tgt Ion: 42 Resp: 64363

Ion	Ratio	Lower	Upper
42	100		
72	55.8	41.8	62.6
71	50.9	38.6	58.0

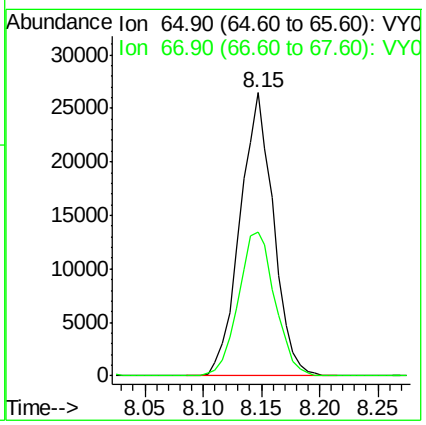


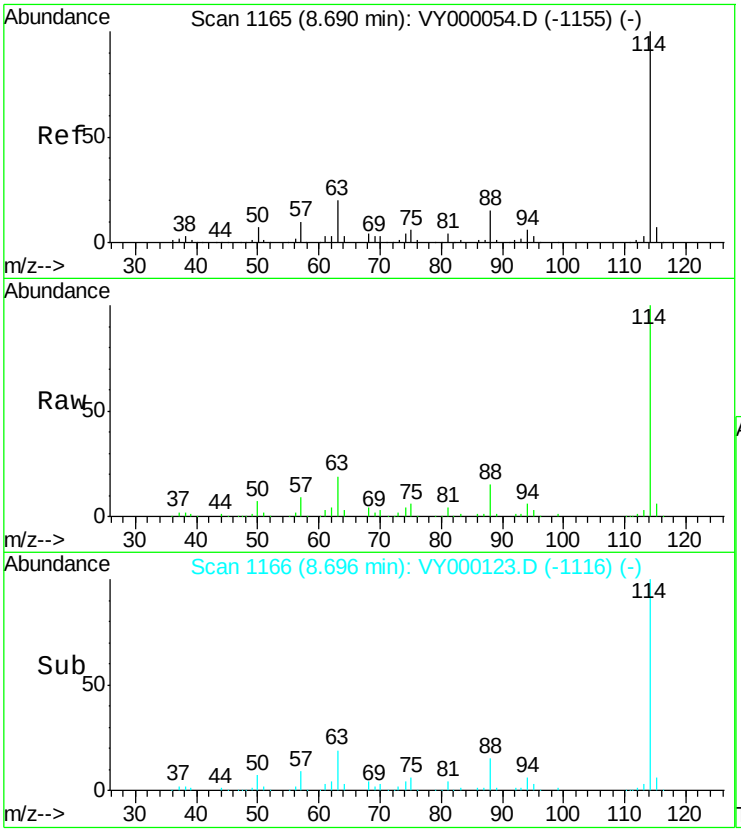


#33
1,2-Dichloroethane-d4
Concen: 55.964 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion: 65 Resp: 53114

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.0



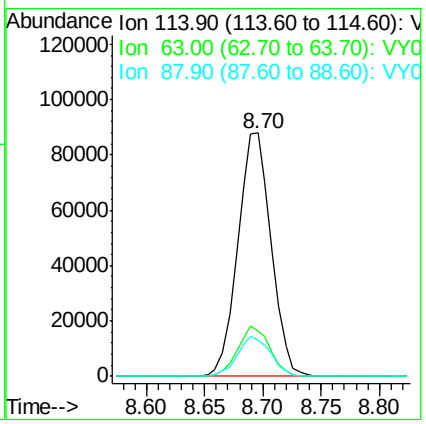


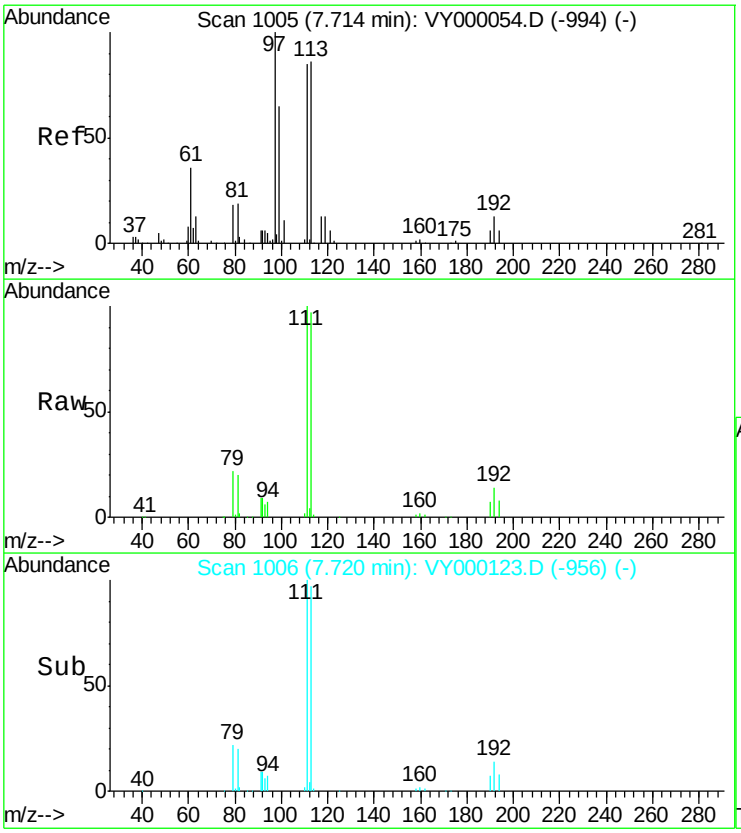
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Tgt Ion:114 Resp: 175154

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.4
88	15.1	0.0	30.2

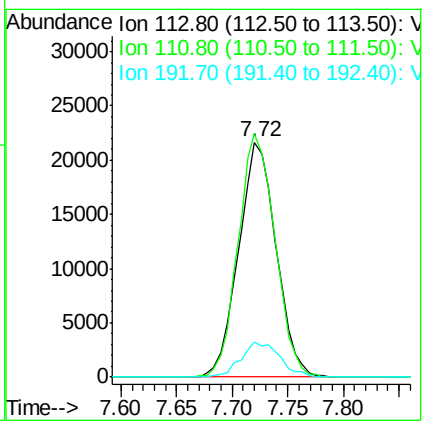


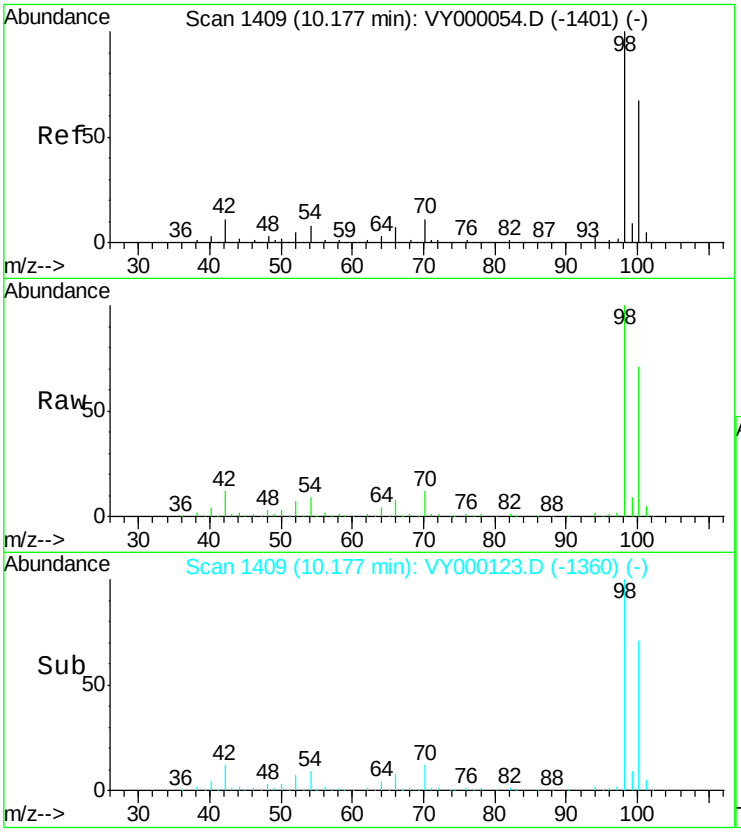


#35
Dibromofluoromethane
Concen: 47.716 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion:113 Resp: 50603

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	15.5	13.4	20.2



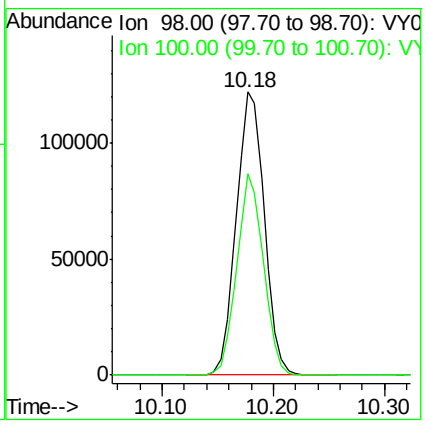


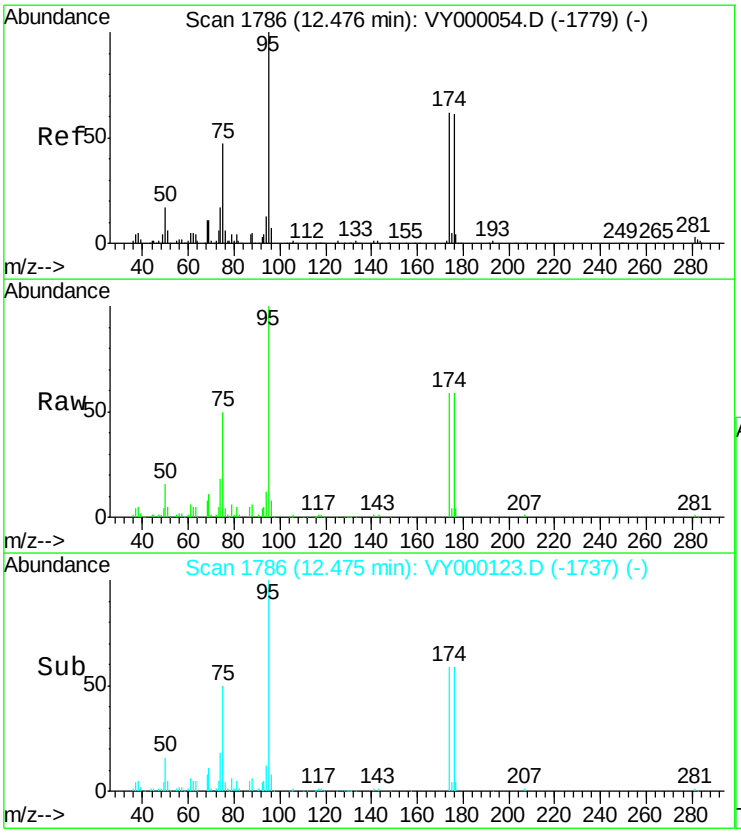
#50
Toluene-d8
Concen: 50.975 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Tgt Ion: 98 Resp: 212330

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.1	79.7

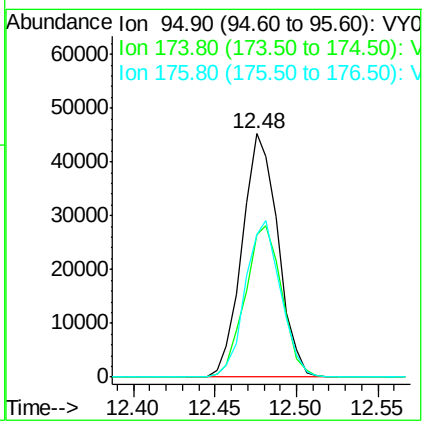


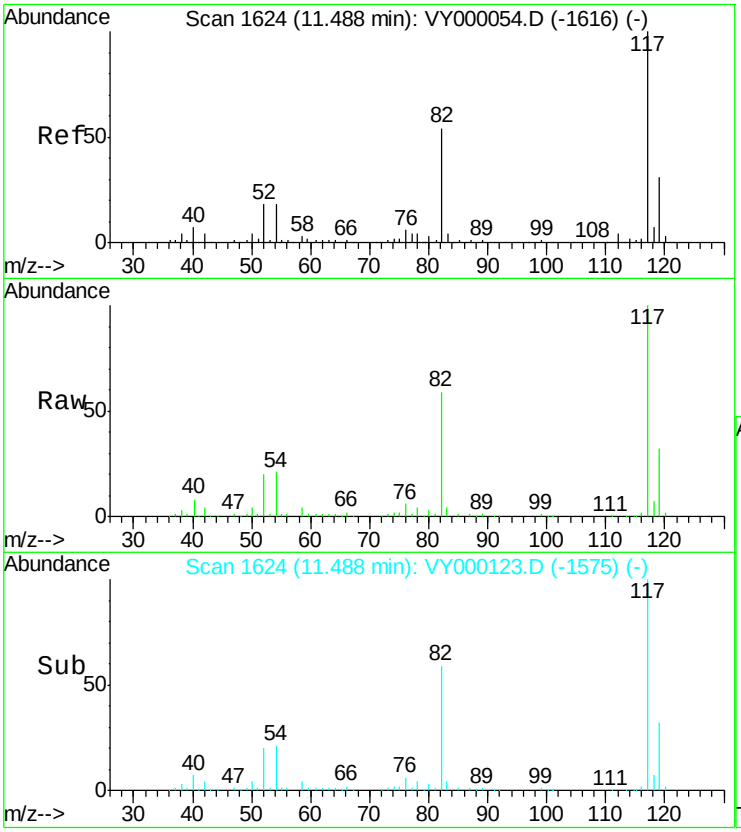


#62
4-Bromofluorobenzene
Concen: 44.697 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion: 95 Resp: 69124

Ion	Ratio	Lower	Upper
95	100		
174	63.6	0.0	137.2
176	63.6	0.0	135.0



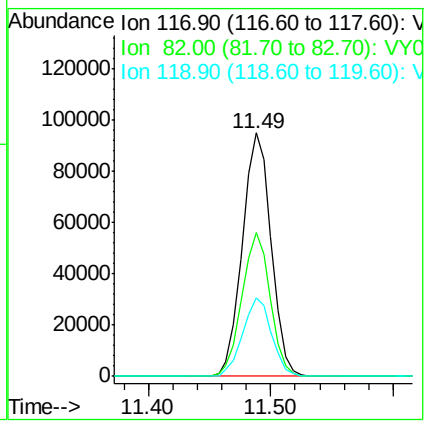


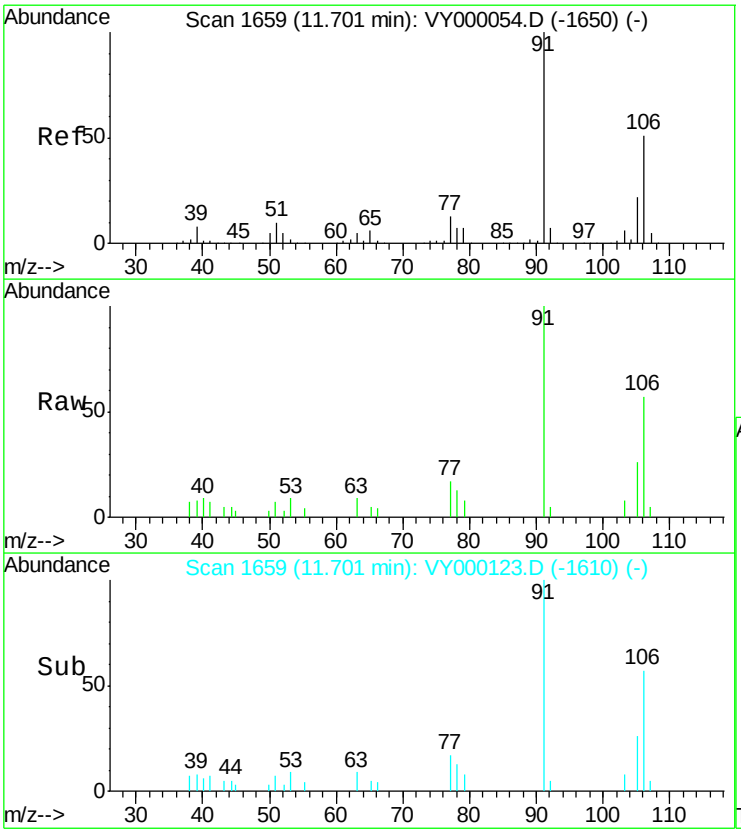
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument : MSVOA_Y
ClientSampleId : MG-TRENCH-2-SOIL

Tgt Ion:117 Resp: 154574

Ion	Ratio	Lower	Upper
117	100		
82	59.3	43.5	65.3
119	32.3	24.6	36.8

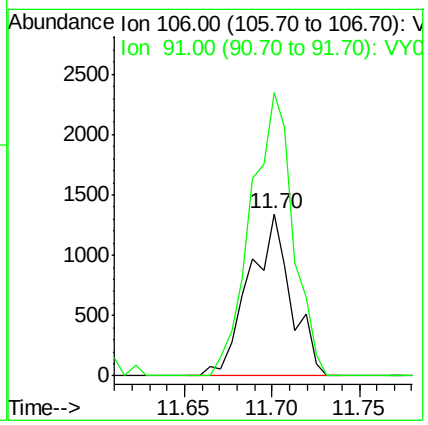


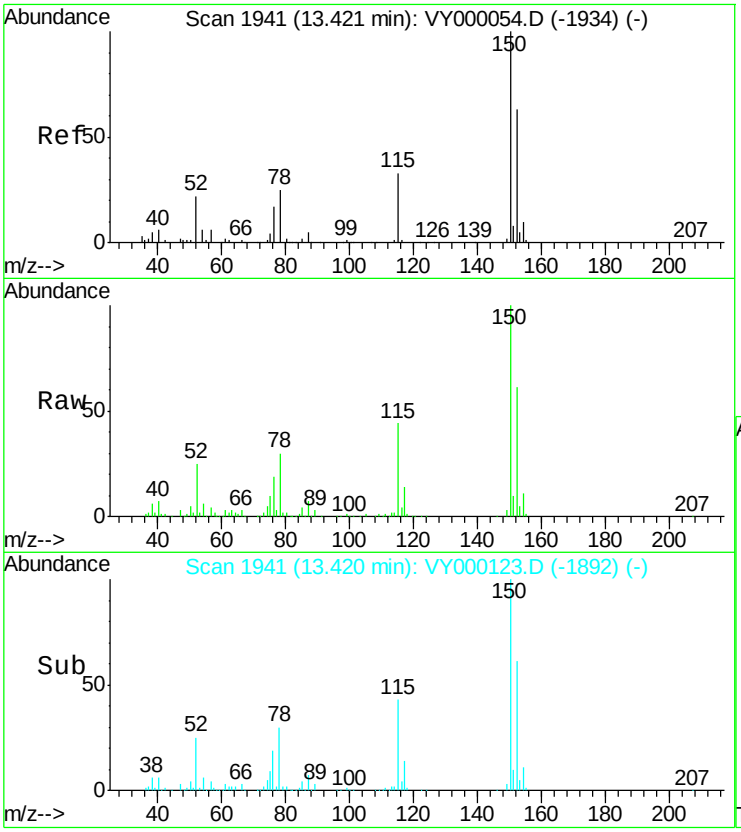


#68
m/p-Xylenes
Concen: 1.088 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion:106 Resp: 2260

Ion	Ratio	Lower	Upper
106	100		
91	176.5	154.5	231.7



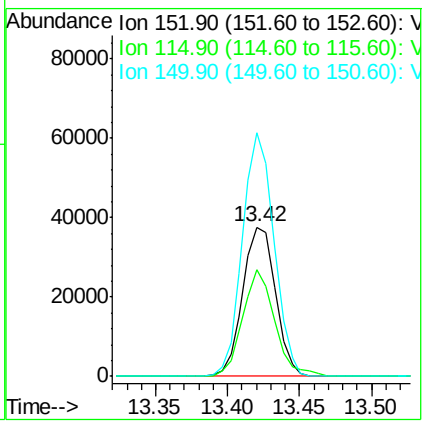


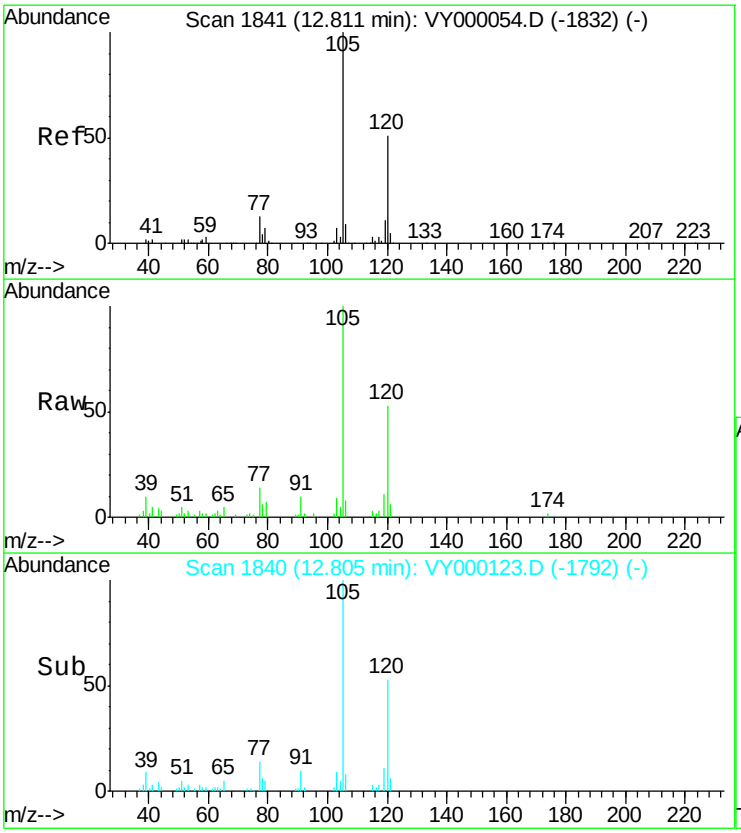
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument : MSVOA_Y
ClientSampleId : MG-TRENCH-2-SOIL

Tgt Ion:152 Resp: 59382

Ion	Ratio	Lower	Upper
152	100		
115	69.6	30.7	92.1
150	156.8	0.0	351.6

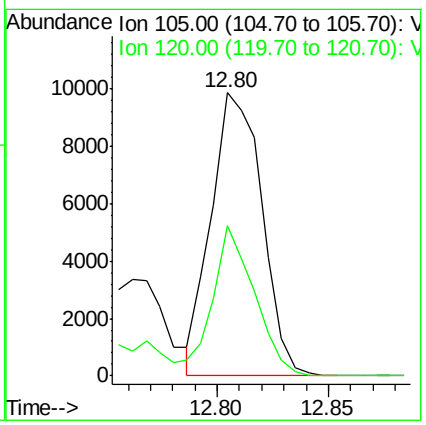


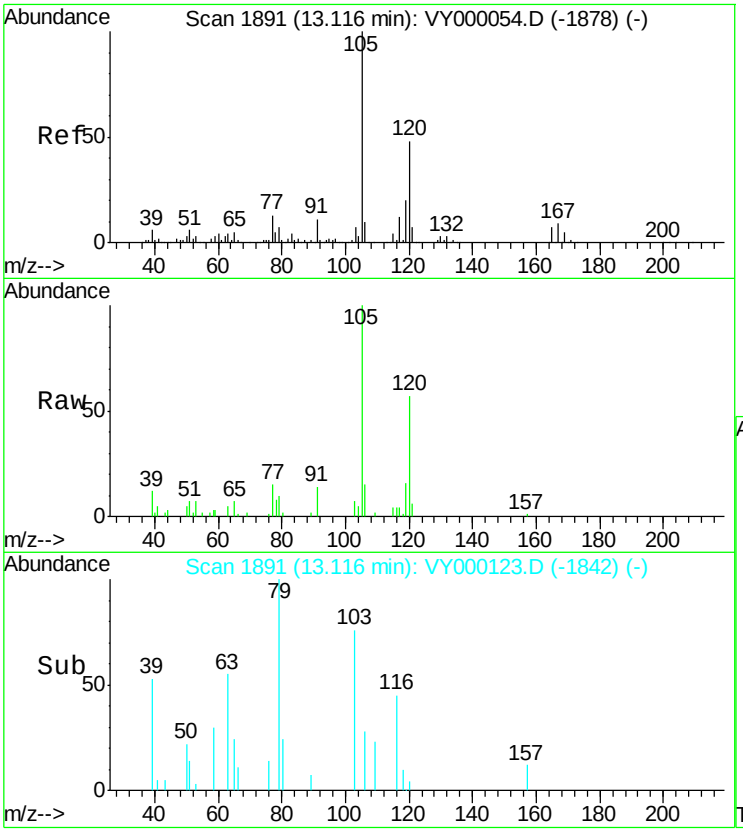


#80
1,3,5-Trimethylbenzene
Concen: 3.934 ug/l
RT: 12.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion:105 Resp: 15594

Ion	Ratio	Lower	Upper
105	100		
120	44.3	24.9	74.6



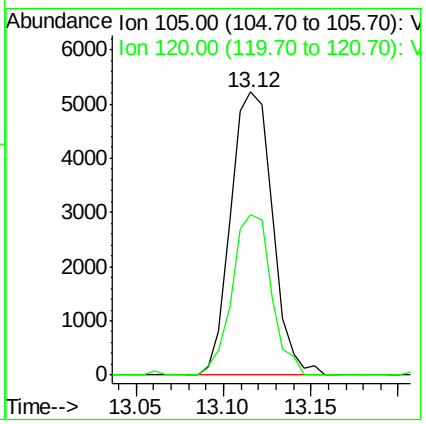


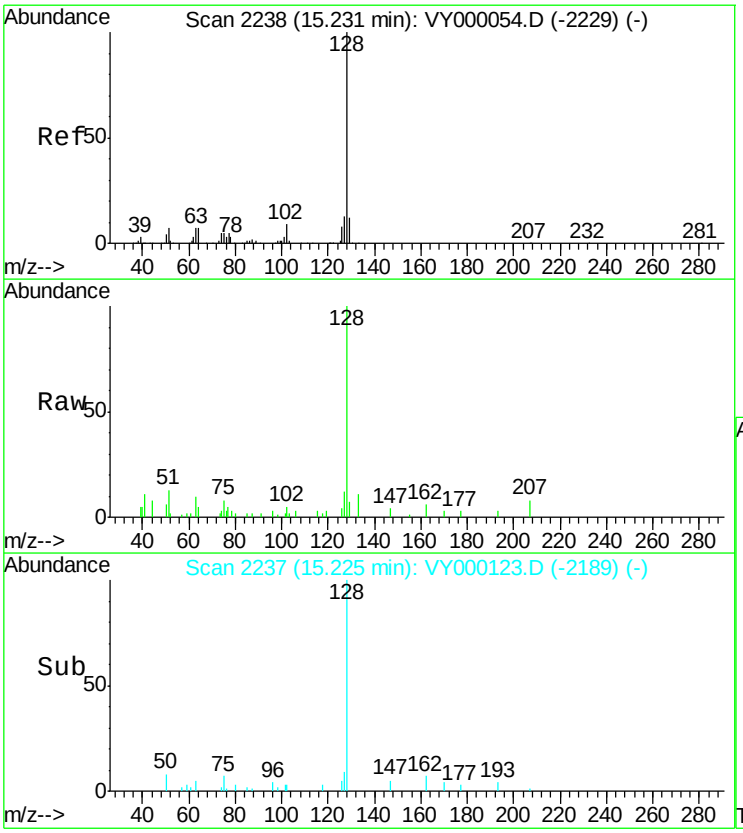
#84
1,2,4-Trimethylbenzene
Concen: 2.220 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Instrument :
MSVOA_Y
ClientSampleId :
MG-TRENCH-2-SOIL

Tgt Ion:105 Resp: 8675

Ion	Ratio	Lower	Upper
105	100		
120	53.5	22.9	68.7





#95
Naphthalene
Concen: 2.258 ug/l
RT: 15.22 min Scan# 2237
Delta R.T. -0.01 min
Lab File: VY000123.D
Acq: 20 Sep 2019 21:07

Tgt Ion:128 Resp: 7204

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	8.8	9.2	13.8#