Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
Data File : VY001492.D
Acq On : 04 Feb 2020 17:21
Operator : SY/MD
Sample : L1368-01
Misc : 8.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EO-01-020320

Quant Time: Feb 05 06:56:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	180988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	276411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	86476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	104607	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.80%			
35) Dibromofluoromethane	7.74	113	101878	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.96%			
50) Toluene-d8	10.19	98	380645	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.64%			
62) 4-Bromofluorobenzene	12.49	95	122453	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.44%			
Target Compounds						Qvalue
16) Acetone	3.98	43	12848	24.374	ug/l	95
18) Methyl Acetate	4.50	43	1837	1.633	ug/l	97
52) Toluene	10.25	92	215670	39.062	ug/l	100
67) Ethyl Benzene	11.60	91	42542	4.239	ug/l	97
68) m/p-Xylenes	11.70	106	72656	19.287	ug/l	99
69) o-Xylene	12.03	106	65217	18.361	ug/l	97
73) Isopropylbenzene	12.33	105	38645	5.859	ug/l	97
78) n-propylbenzene	12.67	91	178477	22.604	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	314106	56.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1166407	212.173	ug/l	100
85) sec-Butylbenzene	13.25	105	90835	13.761	ug/l	86
86) p-Isopropyltoluene	13.37	119	68163	11.718	ug/l	99
89) n-Butylbenzene	13.70	91	129702	22.598	ug/l #	76
95) Naphthalene	15.23	128	544922	138.801	ug/l	98

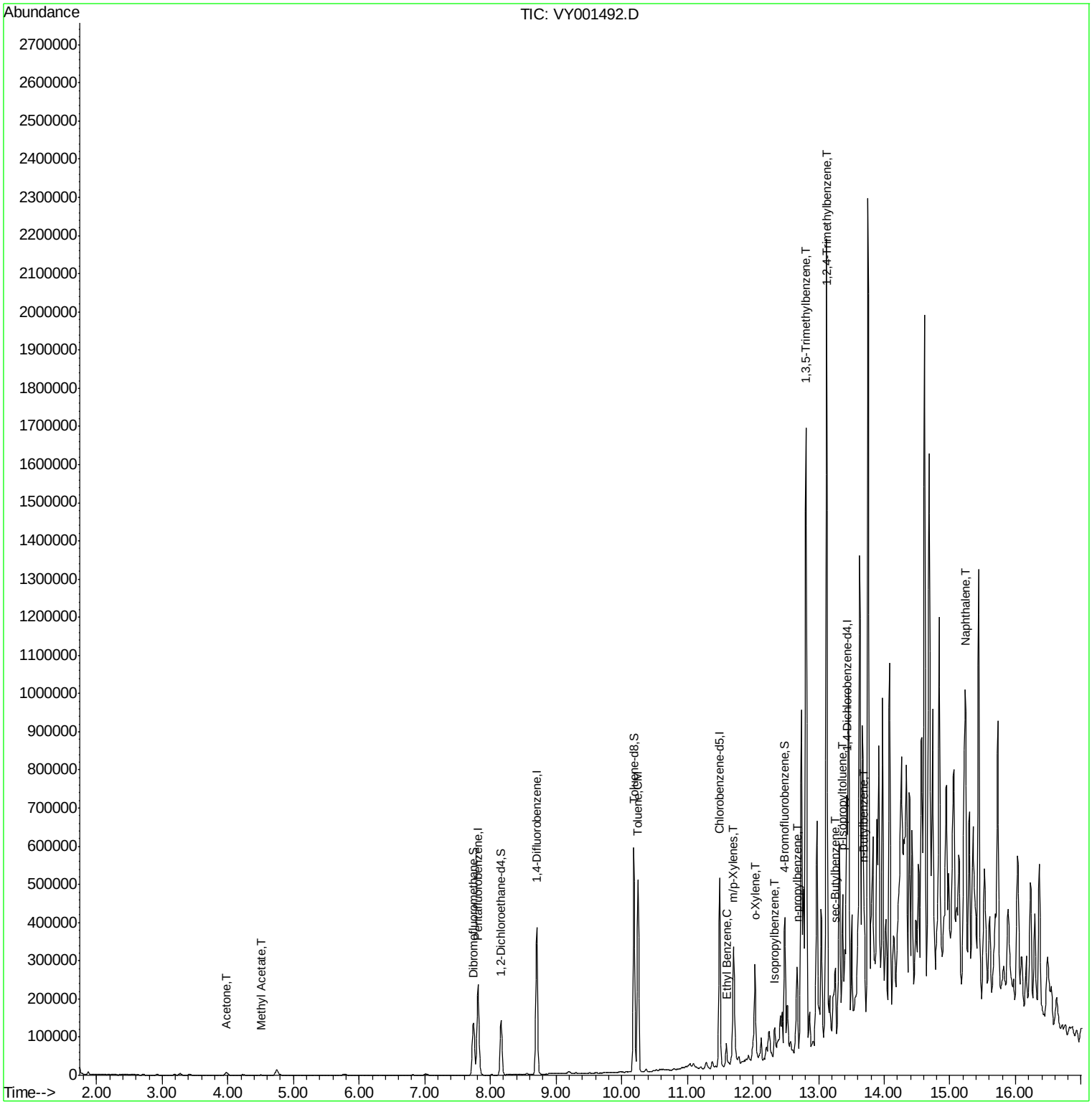
(#) = qualifier out of range (m) = manual integration (+) = signals summed

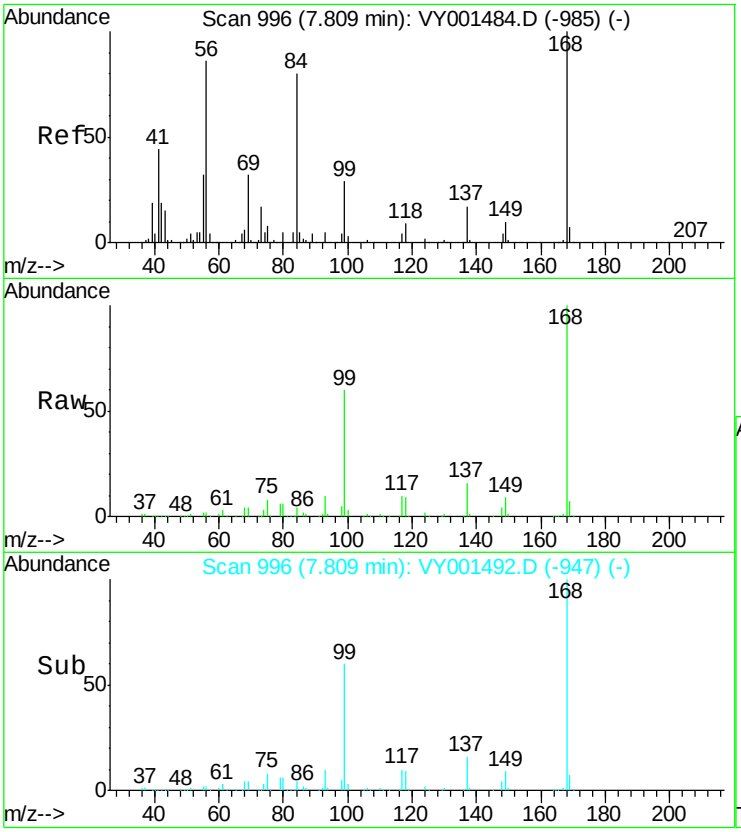
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
Data File : VY001492.D
Acq On : 04 Feb 2020 17:21
Operator : SY/MD
Sample : L1368-01
Misc : 8.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EO-01-020320

Quant Time: Feb 05 06:56:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration



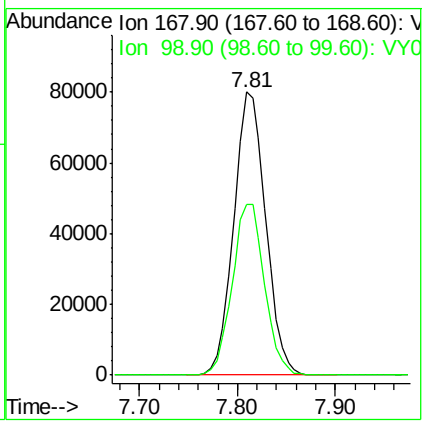


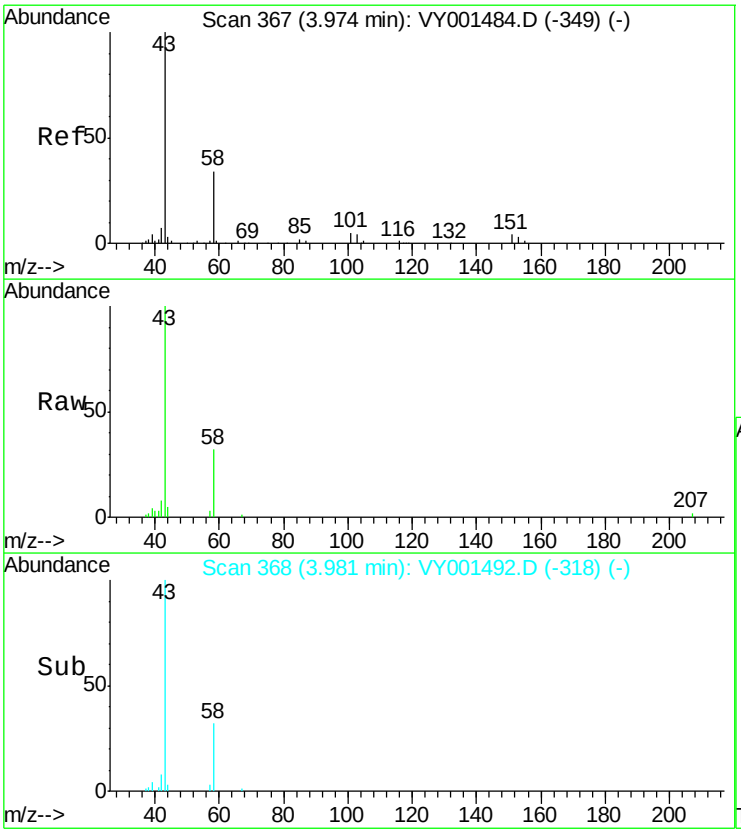
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion:168 Resp: 180988

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.2	72.4

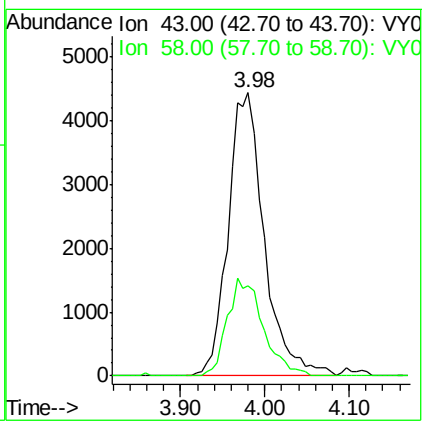


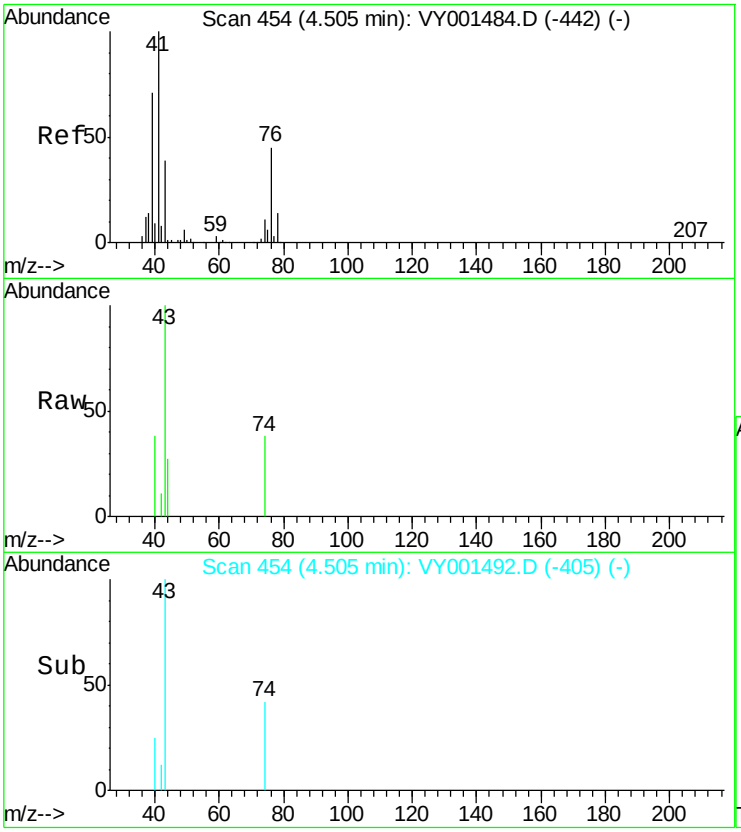


#16
Acetone
Concen: 24.374 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion: 43 Resp: 12848

Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.5	41.3



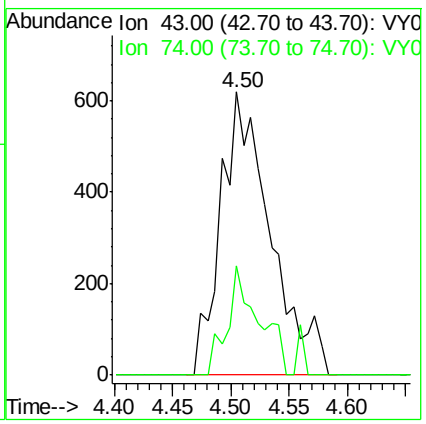


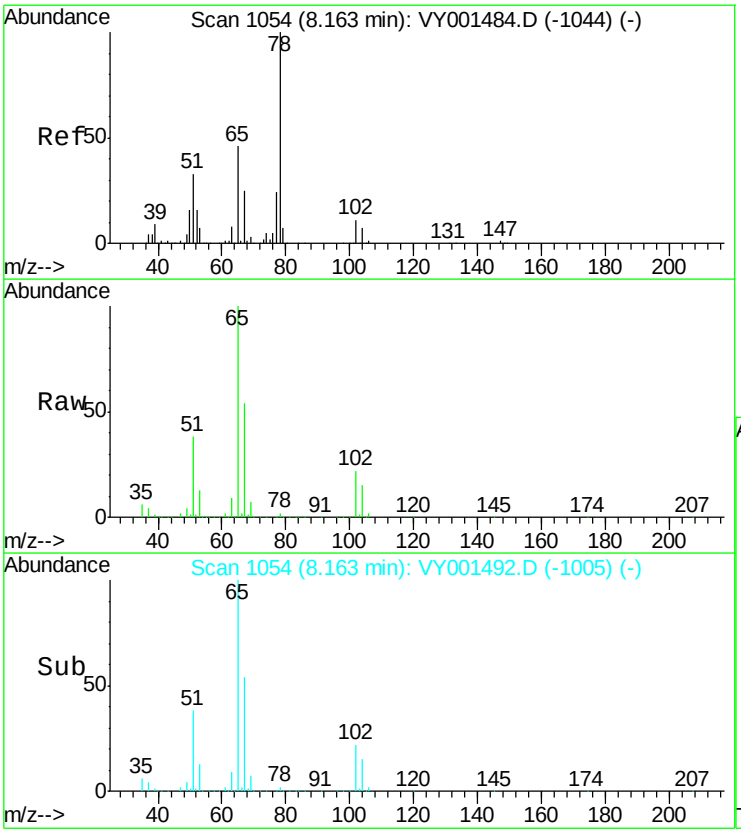
#18
Methyl Acetate
Concen: 1.633 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument : MSVOA_Y
ClientSampleId : EO-01-020320

Tgt Ion: 43 Resp: 1837

Ion	Ratio	Lower	Upper
43	100		
74	24.8	21.0	31.6

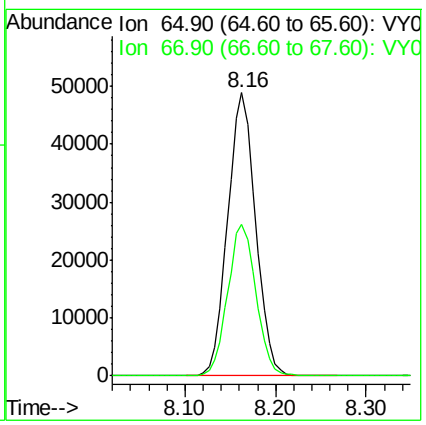


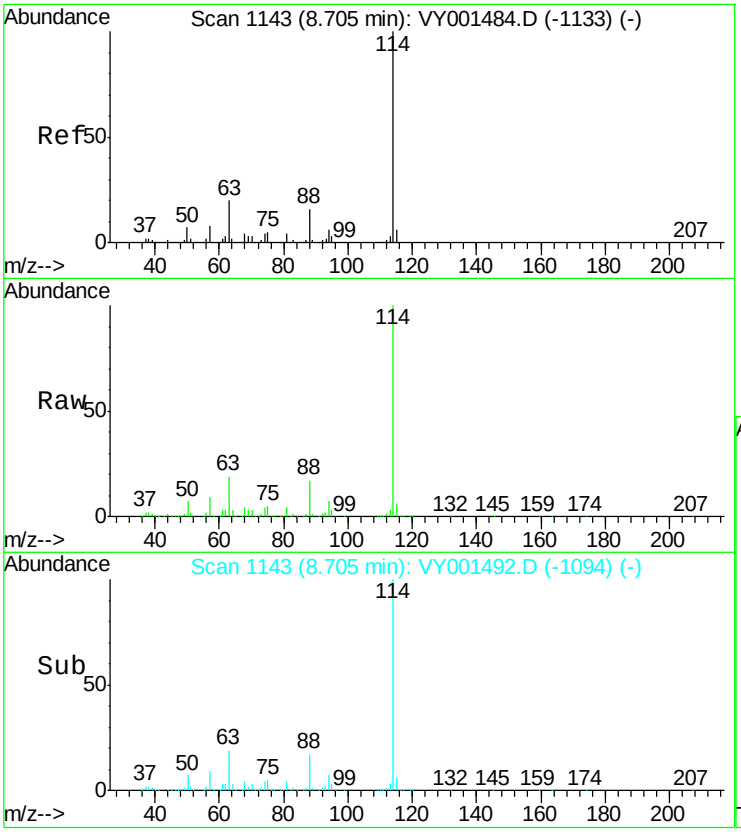


#33
1,2-Dichloroethane-d4
Concen: 57.404 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion: 65 Resp: 104607

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.6



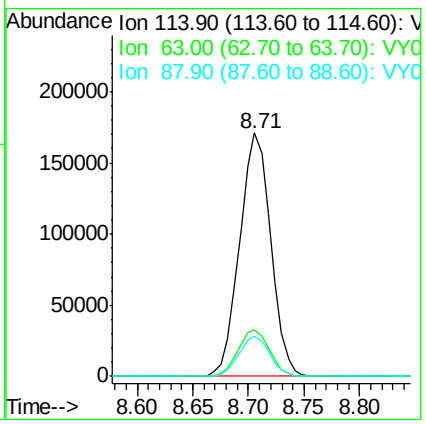


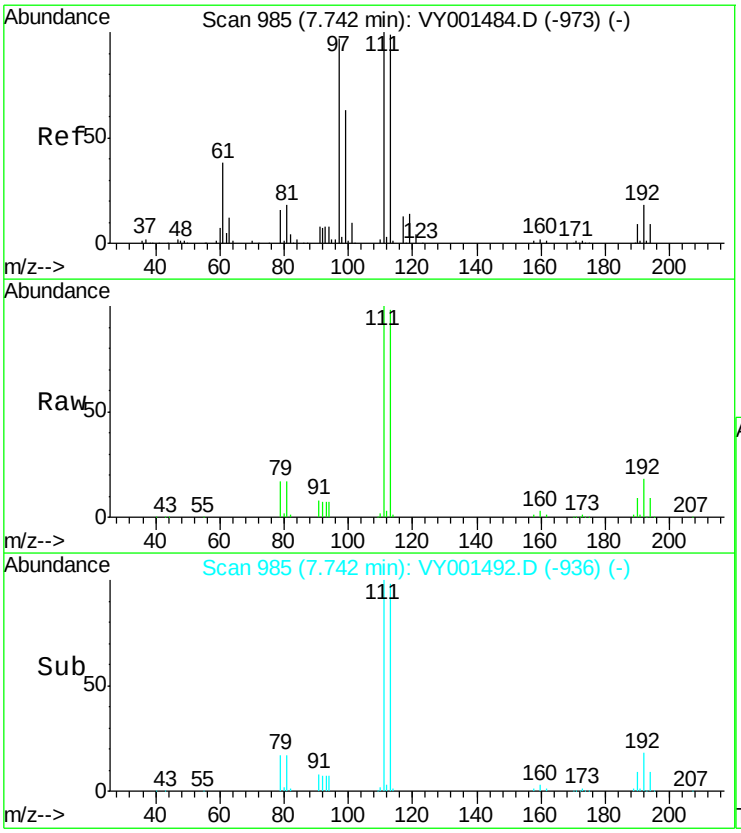
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion:114 Resp: 333483

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.8
88	16.5	0.0	32.6

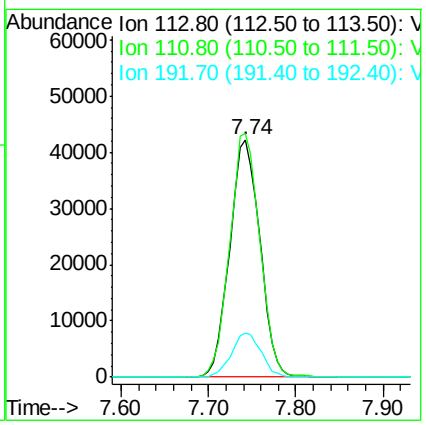


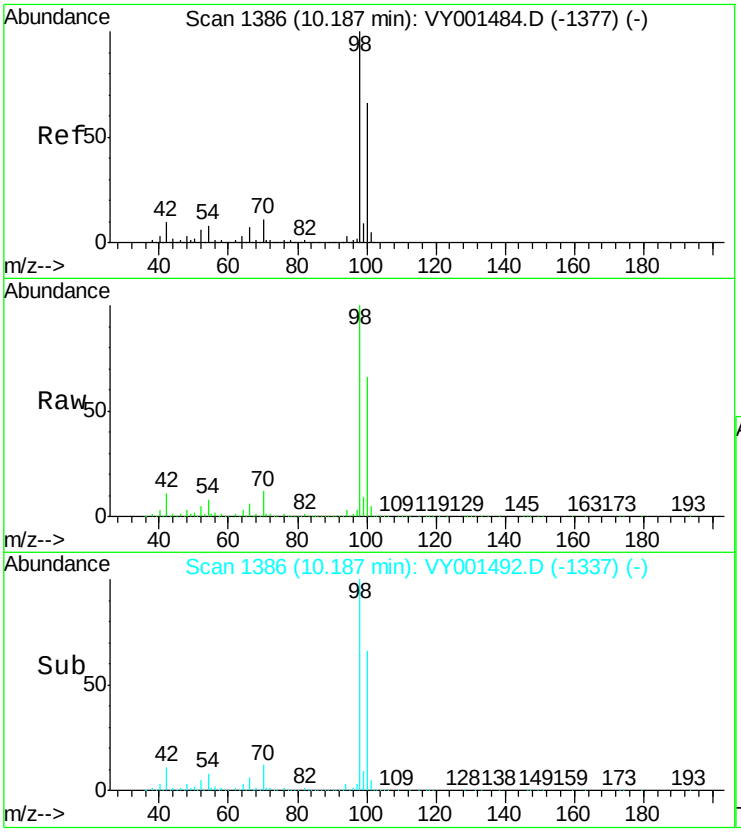


#35
Dibromofluoromethane
Concen: 52.978 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:113 Resp: 101878

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	18.0	14.6	22.0



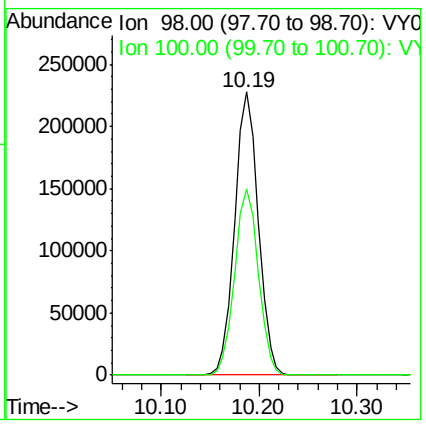


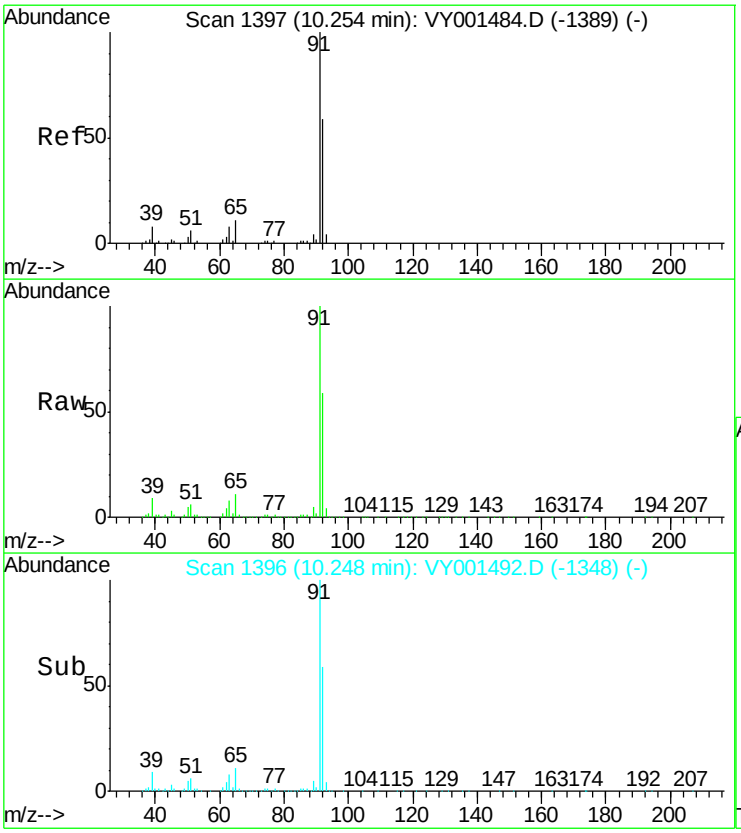
#50
Toluene-d8
Concen: 52.318 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion: 98 Resp: 380645

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6

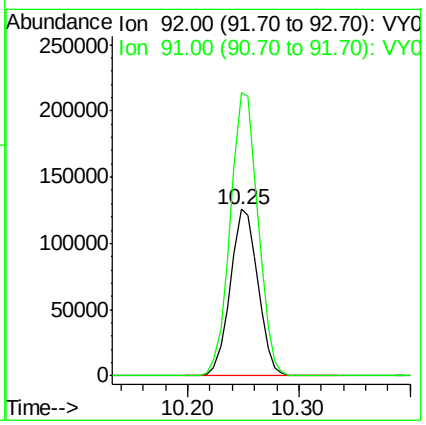


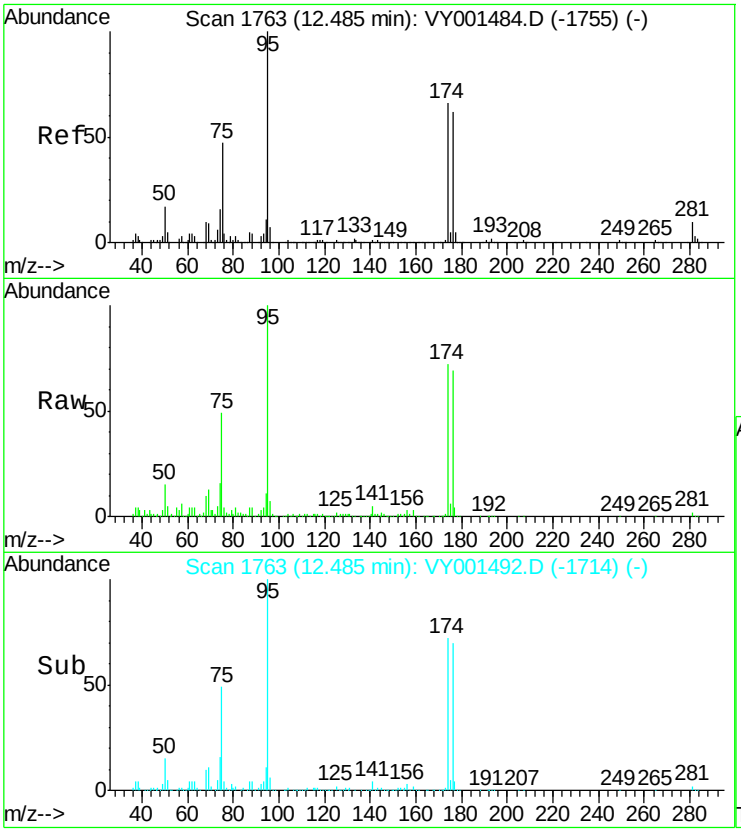


#52
Toluene
Concen: 39.062 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion: 92 Resp: 215670

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.6	204.8



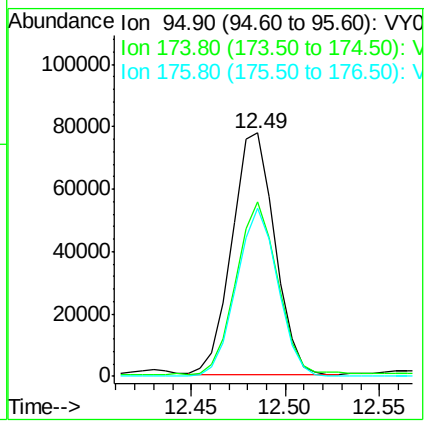


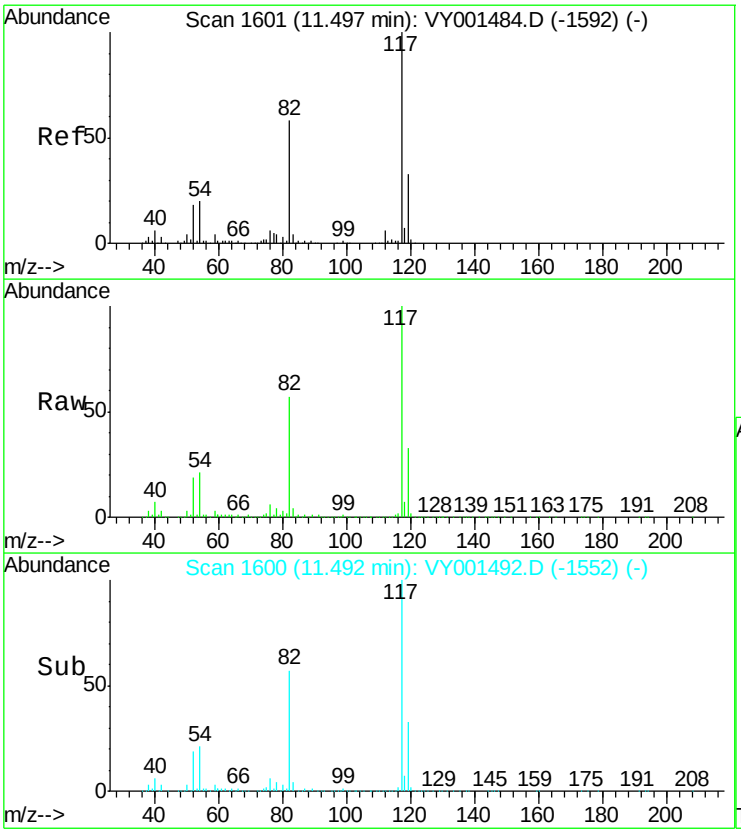
#62
4-Bromofluorobenzene
Concen: 42.723 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion: 95 Resp: 122453

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.4
176	66.9	0.0	135.4

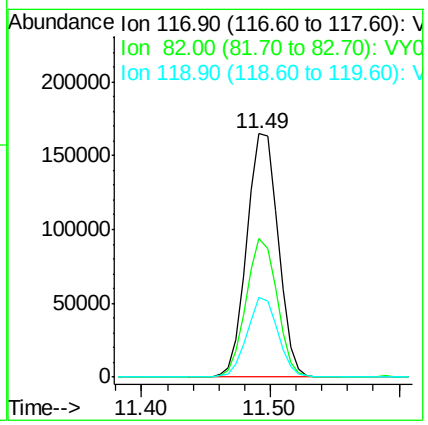


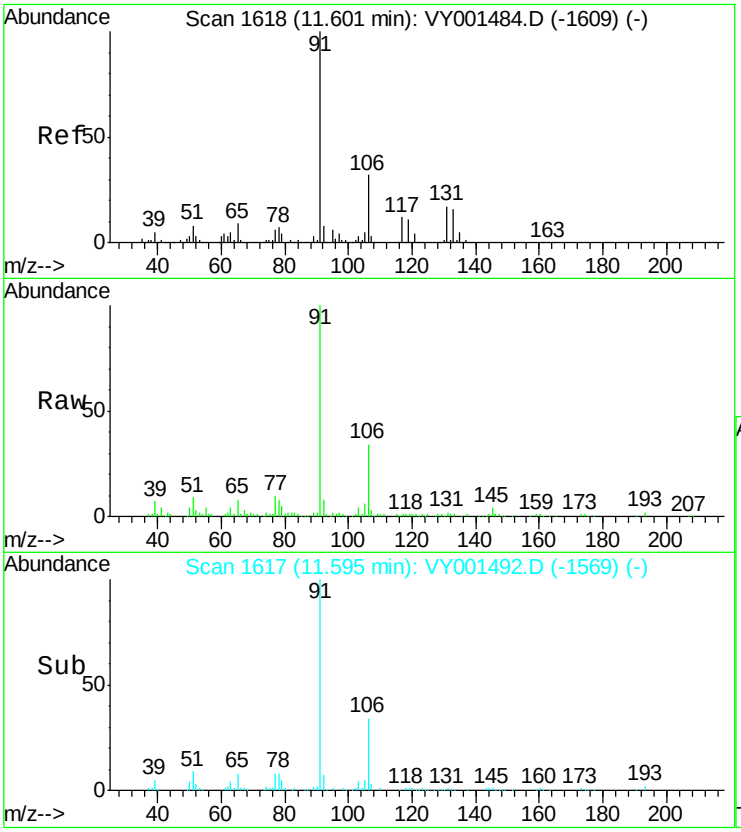


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:117 Resp: 276411

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.1	69.1
119	32.7	26.1	39.1



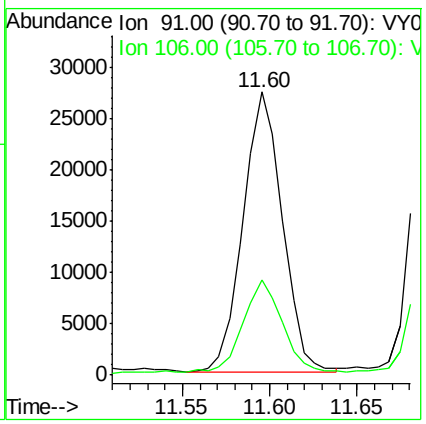


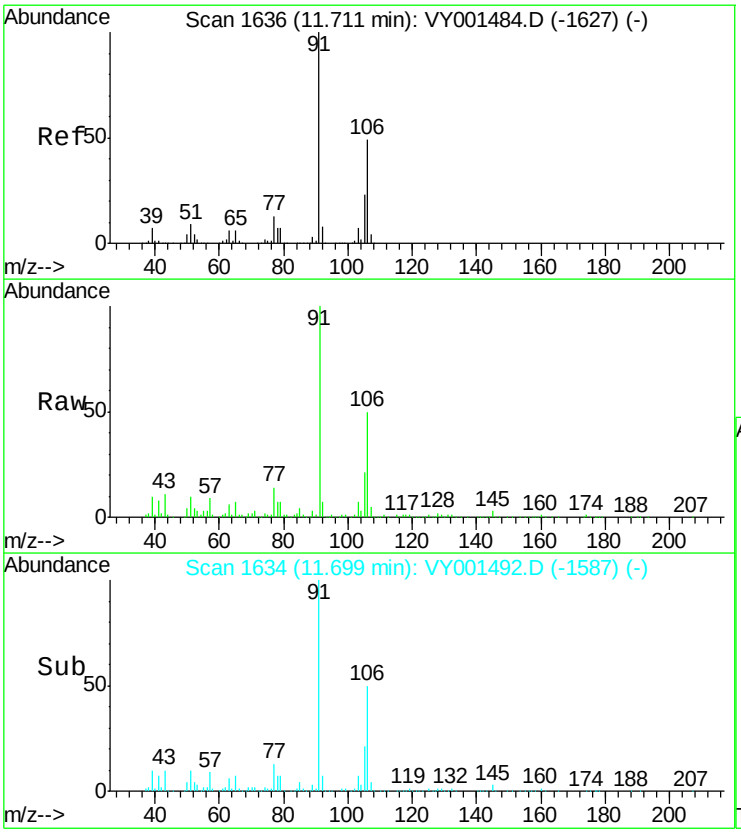
#67
Ethyl Benzene
Concen: 4.239 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument : MSVOA_Y
ClientSampleId : EO-01-020320

Tgt Ion: 91 Resp: 42542

Ion	Ratio	Lower	Upper
91	100		
106	33.1	25.3	37.9

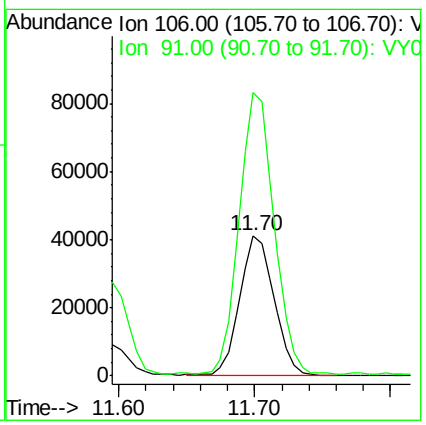


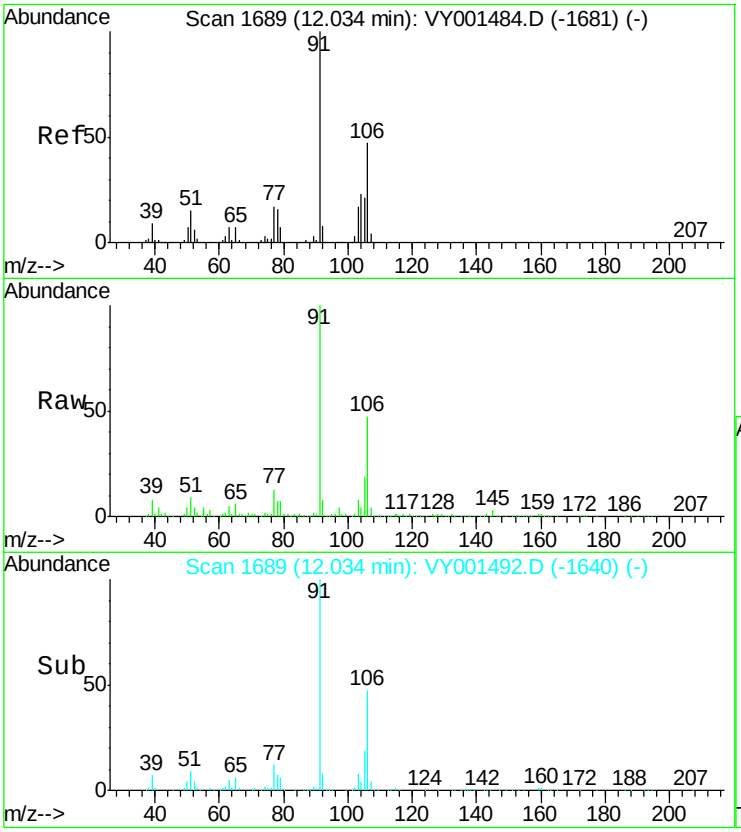


#68
m/p-Xylenes
Concen: 19.287 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:106 Resp: 72656

Ion	Ratio	Lower	Upper
106	100		
91	203.4	163.6	245.4



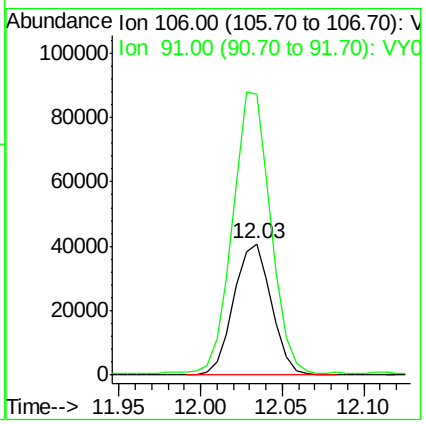


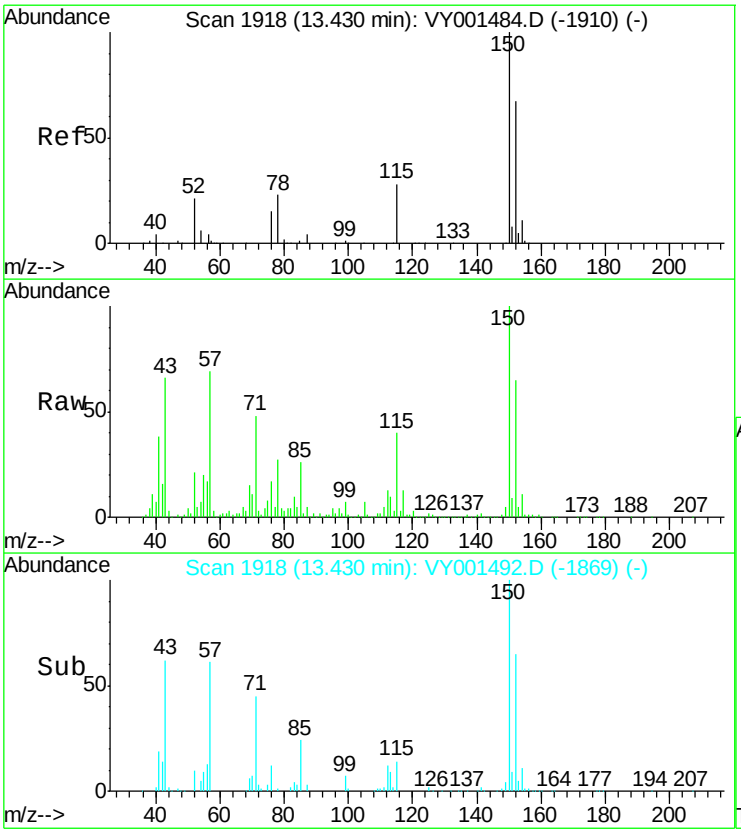
#69
o-Xylene
Concen: 18.361 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion:106 Resp: 65217

Ion	Ratio	Lower	Upper
106	100		
91	216.4	106.0	318.0

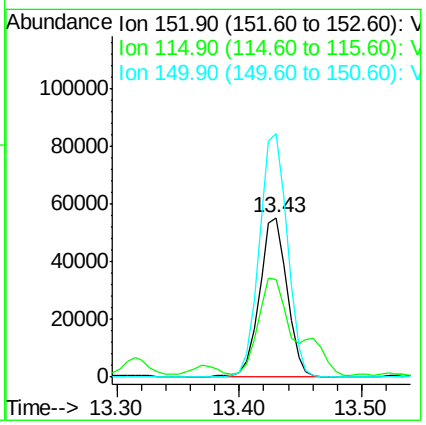


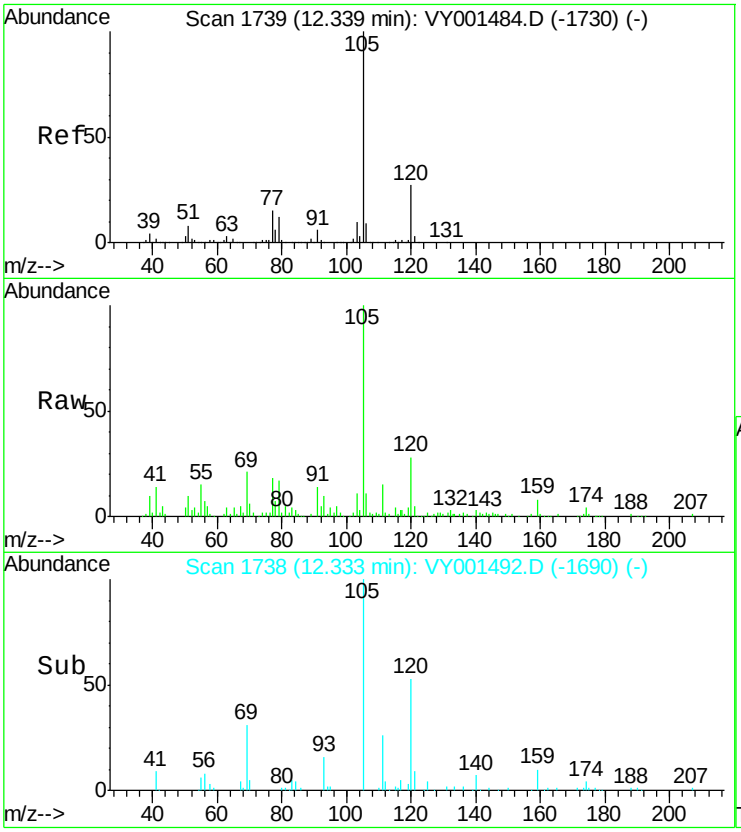


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:152 Resp: 86476

Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.4	94.3
150	155.3	0.0	346.8



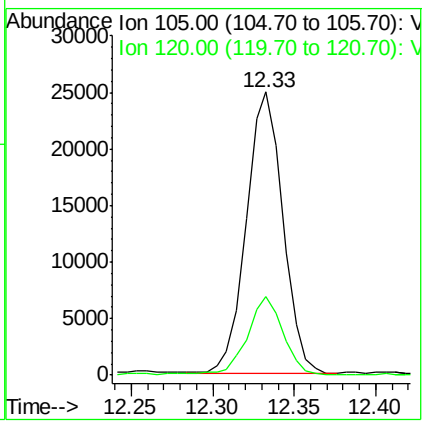


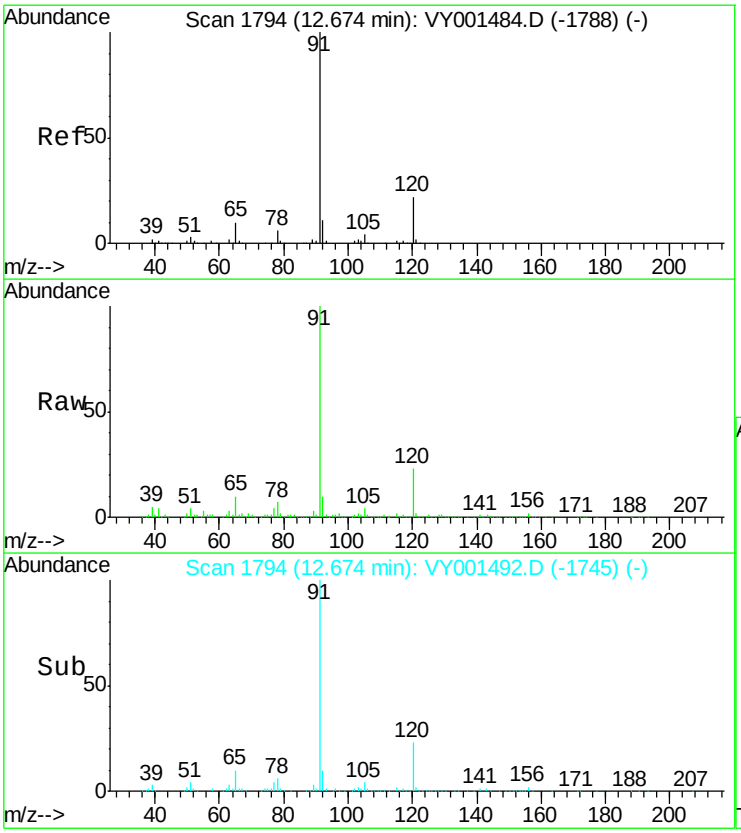
#73
Isopropylbenzene
Concen: 5.859 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument : MSVOA_Y
ClientSampleId : EO-01-020320

Tgt Ion:105 Resp: 38645

Ion	Ratio	Lower	Upper
105	100		
120	28.2	13.3	39.9

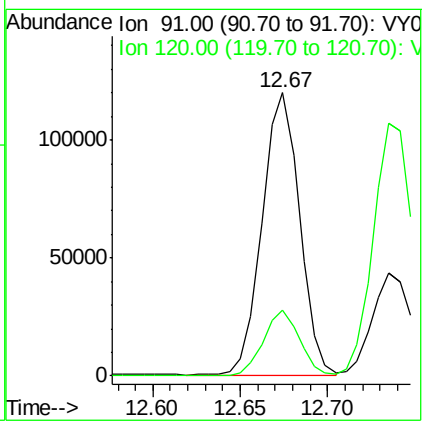


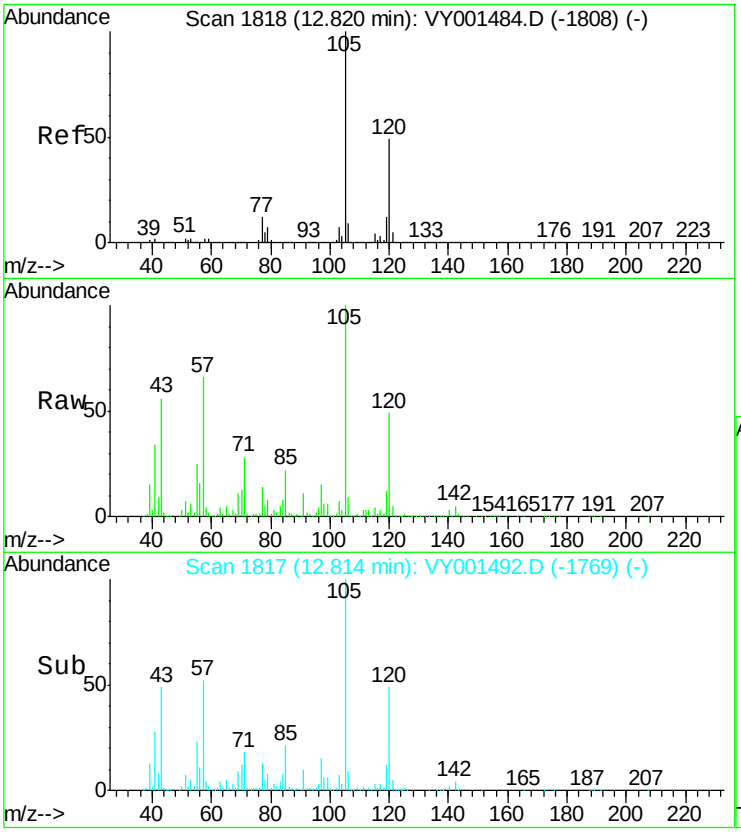


#78
n-propylbenzene
Concen: 22.604 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion: 91 Resp: 178477

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.4	34.2



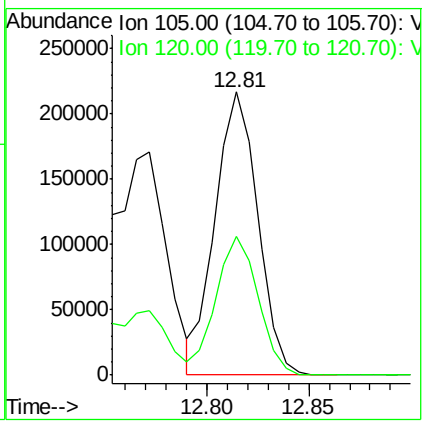


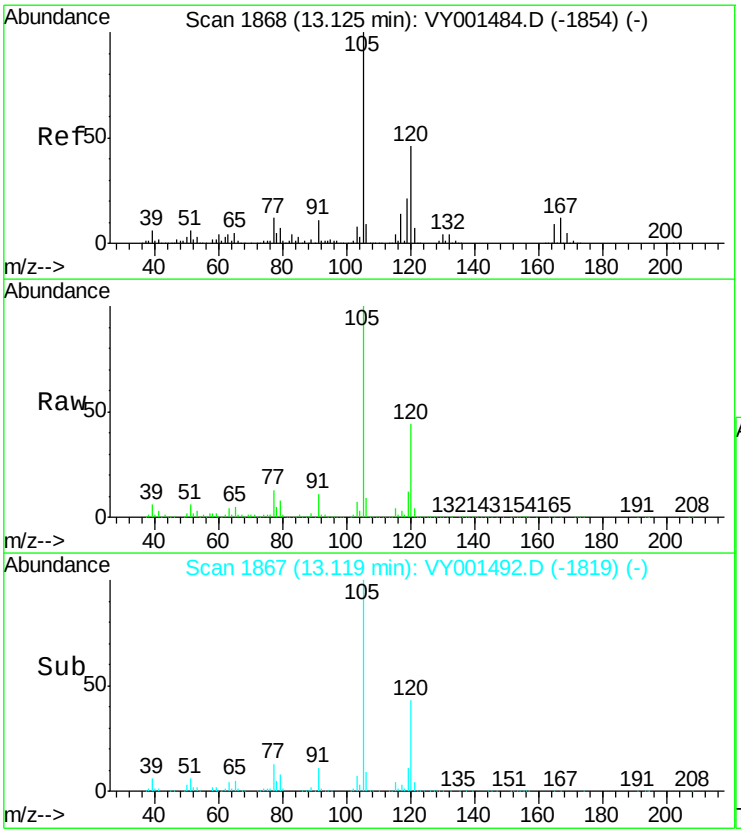
#80
1,3,5-Trimethylbenzene
Concen: 56.551 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion:105 Resp: 314106

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.2

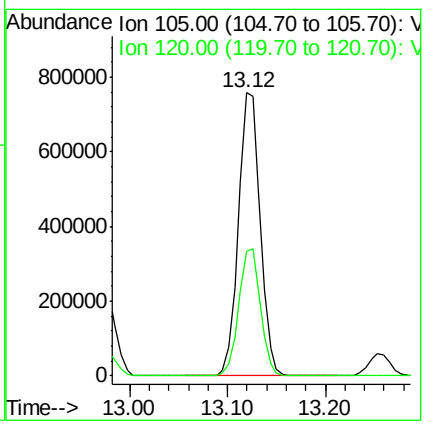


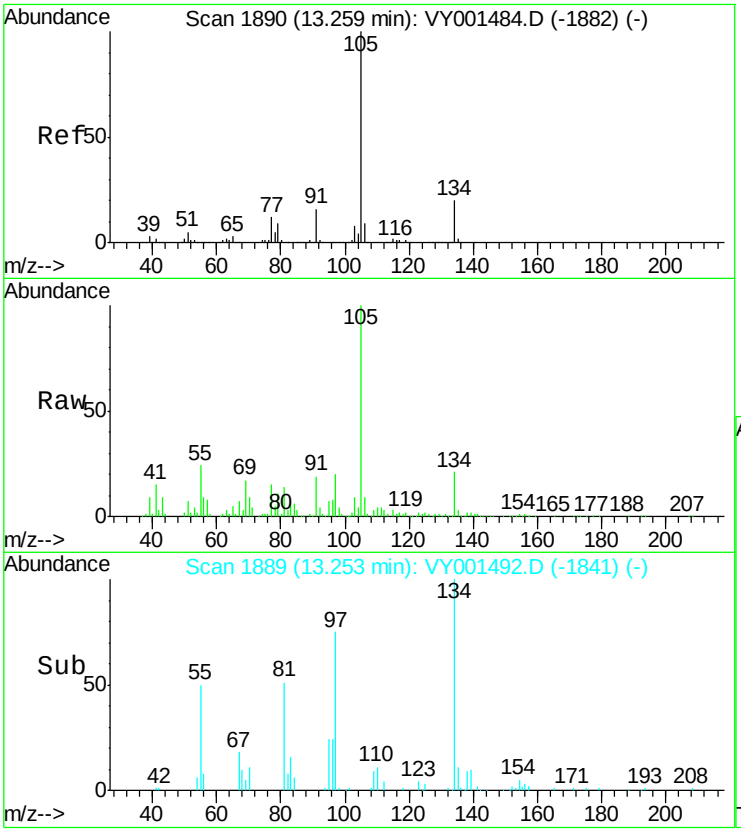


#84
1,2,4-Trimethylbenzene
Concen: 212.173 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:105 Resp: 1166407

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.0



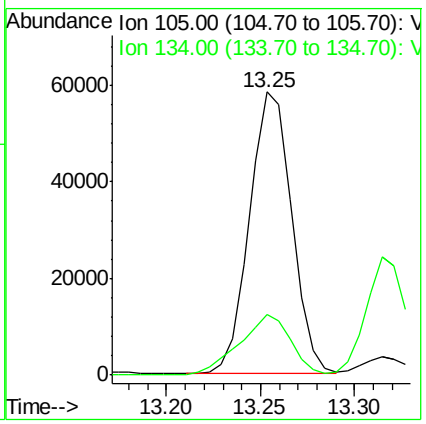


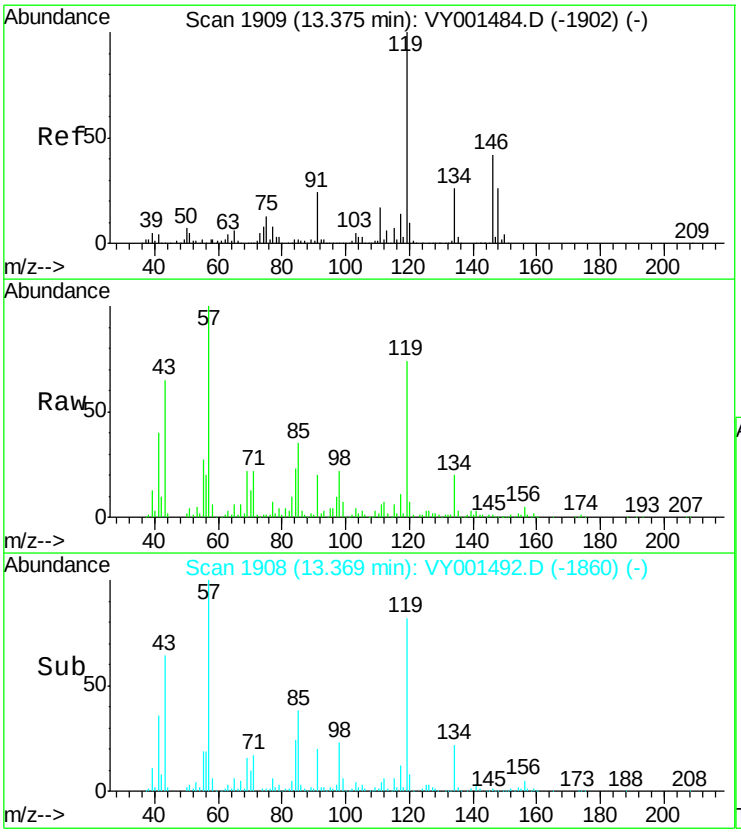
#85
sec-Butylbenzene
Concen: 13.761 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020320

Tgt Ion:105 Resp: 90835

Ion	Ratio	Lower	Upper
105	100		
134	26.4	10.0	29.8

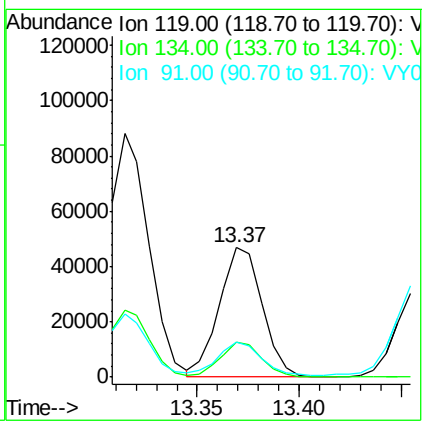


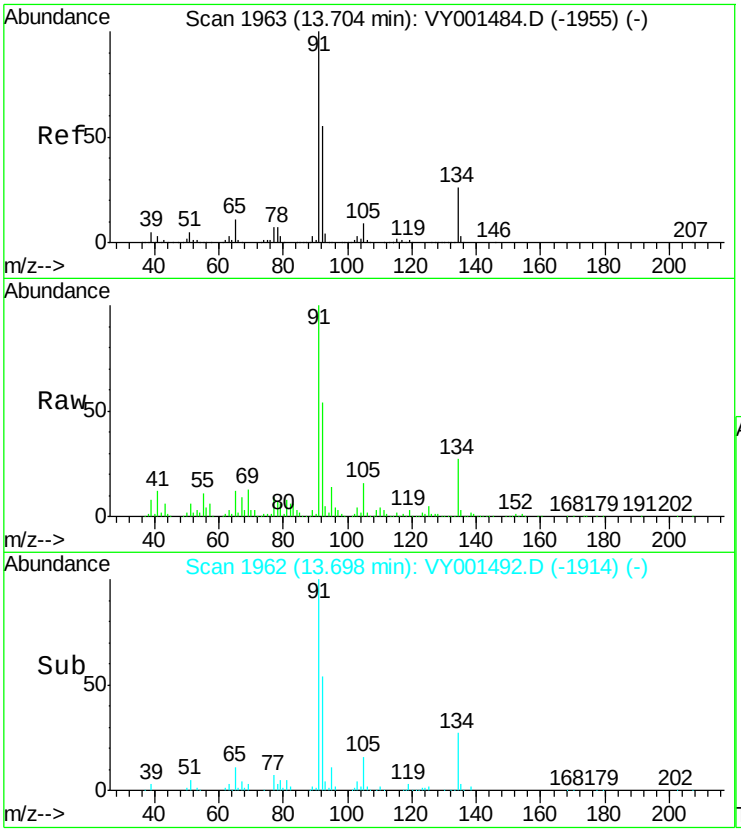


#86
p-Isopropyltoluene
Concen: 11.718 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:119 Resp: 68163

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.8
91	25.1	12.2	36.6



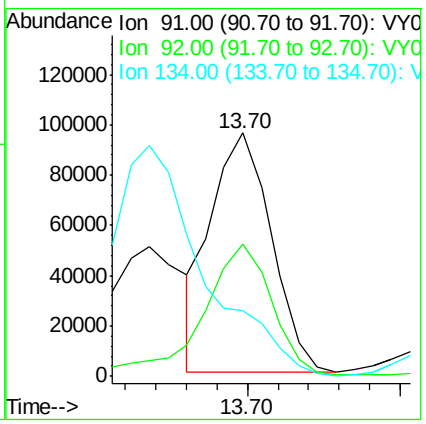


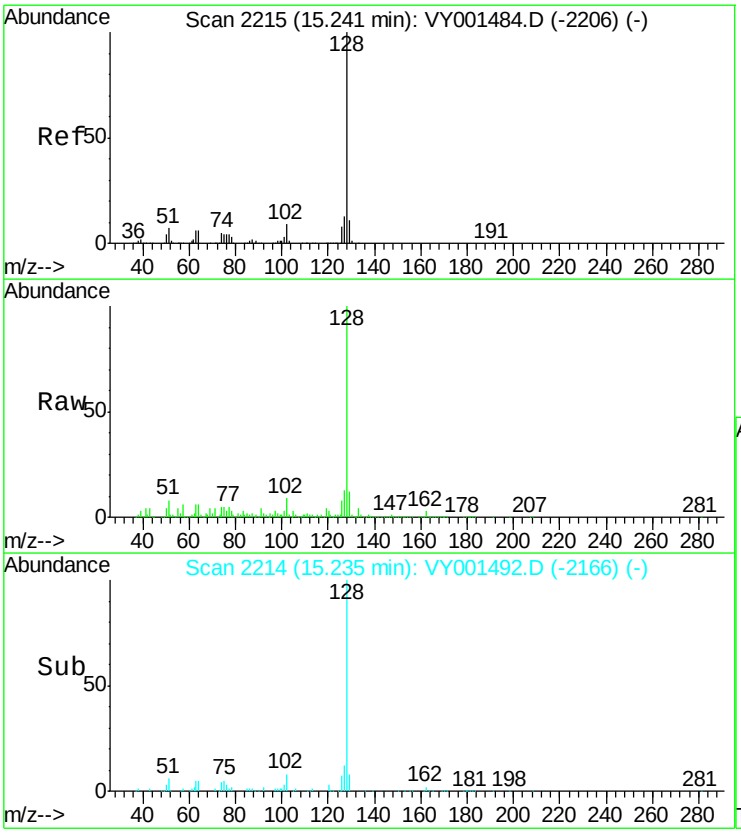
#89
n-Butylbenzene
Concen: 22.598 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Instrument : MSVOA_Y
ClientSampleId : EO-01-020320

Tgt Ion: 91 Resp: 129702

Ion	Ratio	Lower	Upper
91	100		
92	62.8	27.3	81.9
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 138.801 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001492.D
Acq: 04 Feb 2020 17:21

Tgt Ion:128 Resp: 544922

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.5	8.9	13.3