Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040320\
Data File : VY002216.D
Acq On : 03 Apr 2020 13:43
Operator : SY/MD
Sample : L2112-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : HR-06-040220

Quant Time: Apr 04 01:00:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	122370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	243323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	223971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	87510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79992	59.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.26%			
35) Dibromofluoromethane	7.74	113	73335	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.58%			
50) Toluene-d8	10.19	98	299814	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.88%			
62) 4-Bromofluorobenzene	12.49	95	100631	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.60%			
Target Compounds						Qvalue
52) Toluene	10.25	92	4434	1.075	ug/l	95
67) Ethyl Benzene	11.60	91	50925	6.342	ug/l	98
68) m/p-Xylenes	11.71	106	88427	29.785	ug/l	98
69) o-Xylene	12.04	106	71845	25.511	ug/l	100
73) Isopropylbenzene	12.34	105	38553	5.939	ug/l	99
78) n-propylbenzene	12.68	91	149151	18.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	258970	48.354	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	848400	158.769	ug/l	99
85) sec-Butylbenzene	13.27	105	71603	10.814	ug/l	83
86) p-Isopropyltoluene	13.38	119	58356	10.263	ug/l	98
89) n-Butylbenzene	13.70	91	93215	15.733	ug/l #	80
95) Naphthalene	15.25	128	21142	5.516	ug/l	97

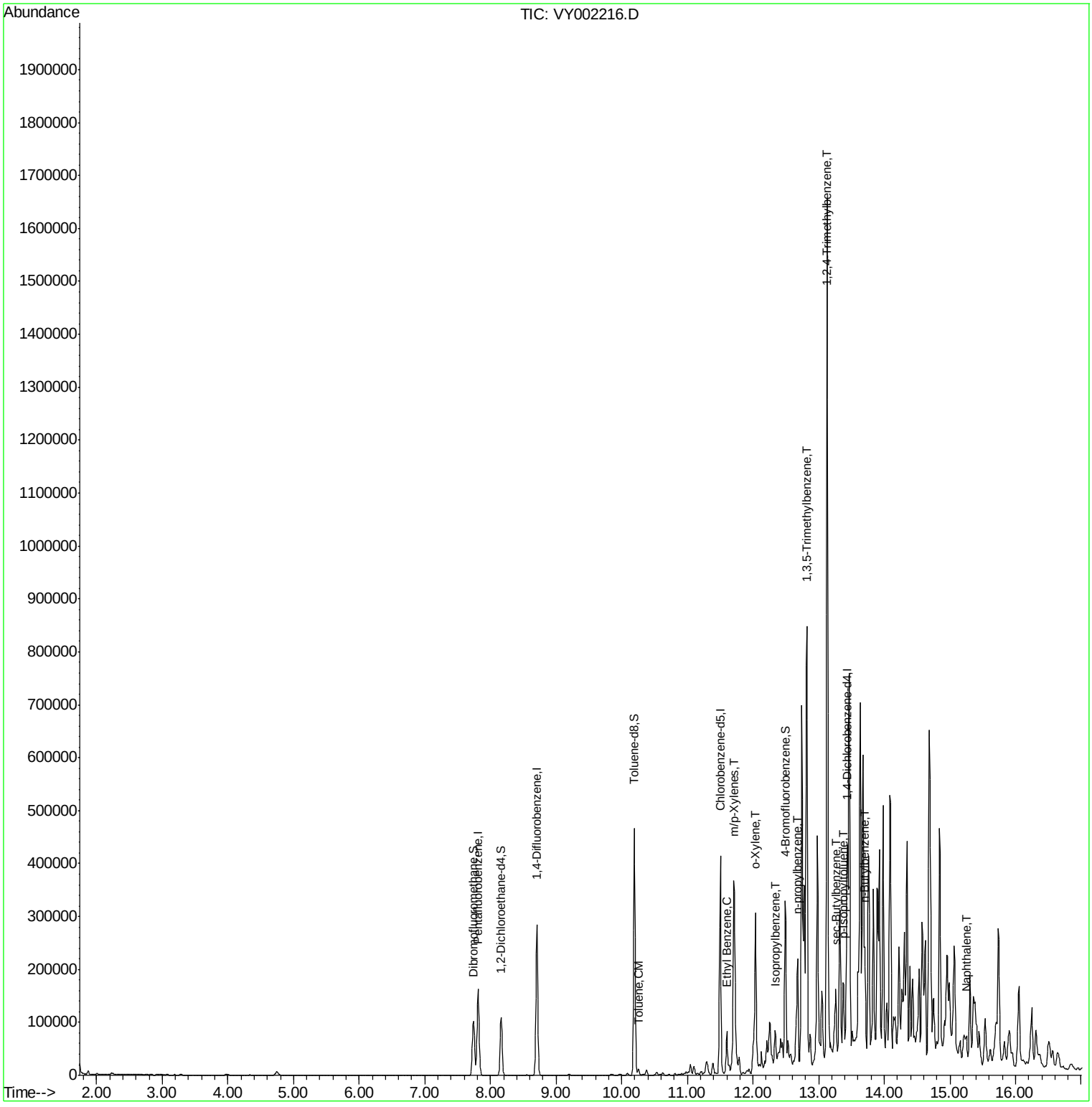
(#) = qualifier out of range (m) = manual integration (+) = signals summed

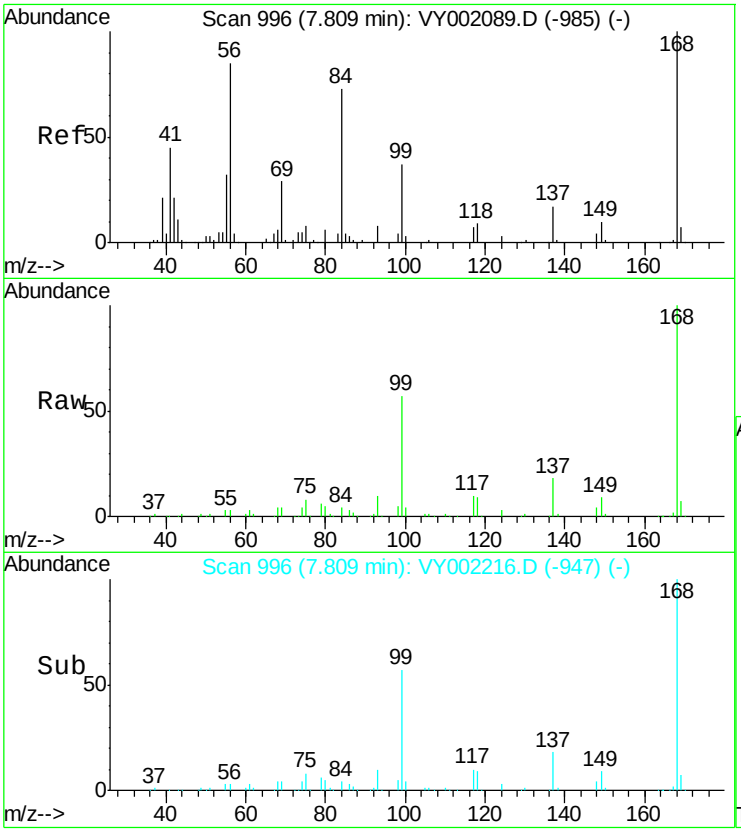
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040320\
Data File : VY002216.D
Acq On : 03 Apr 2020 13:43
Operator : SY/MD
Sample : L2112-01
Misc : 7.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Quant Time: Apr 04 01:00:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration



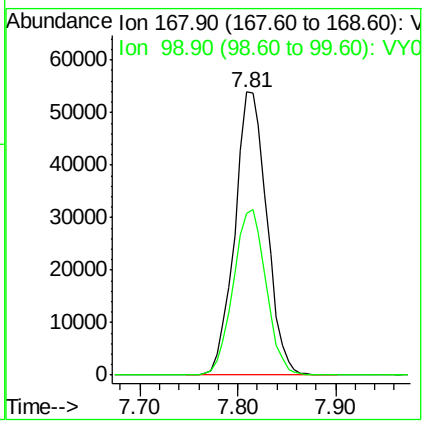


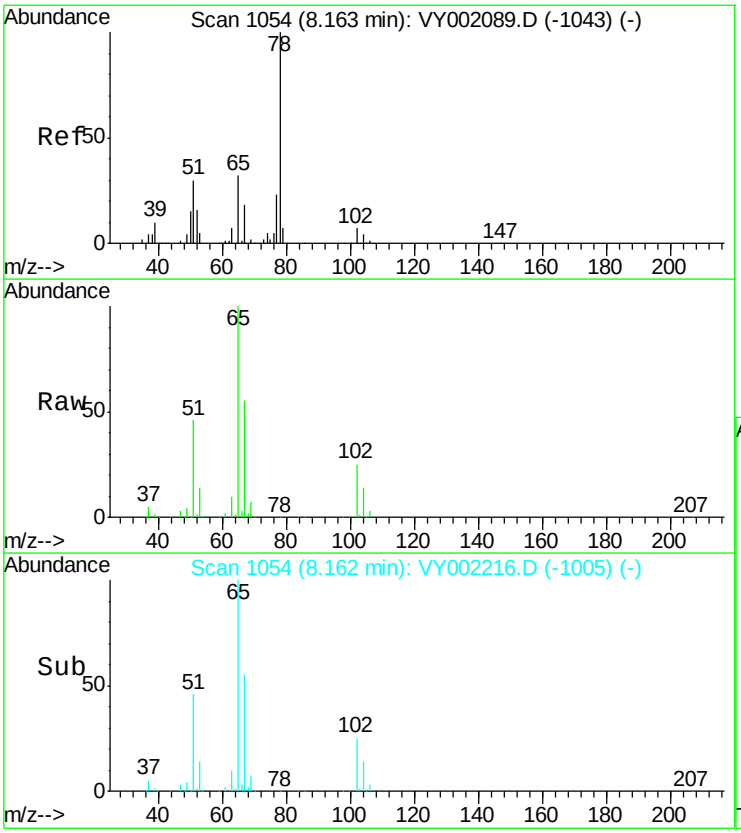
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion:168 Resp: 122370

Ion	Ratio	Lower	Upper
168	100		
99	57.0	47.6	71.4

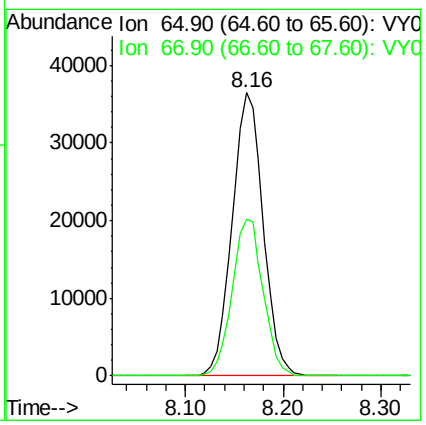


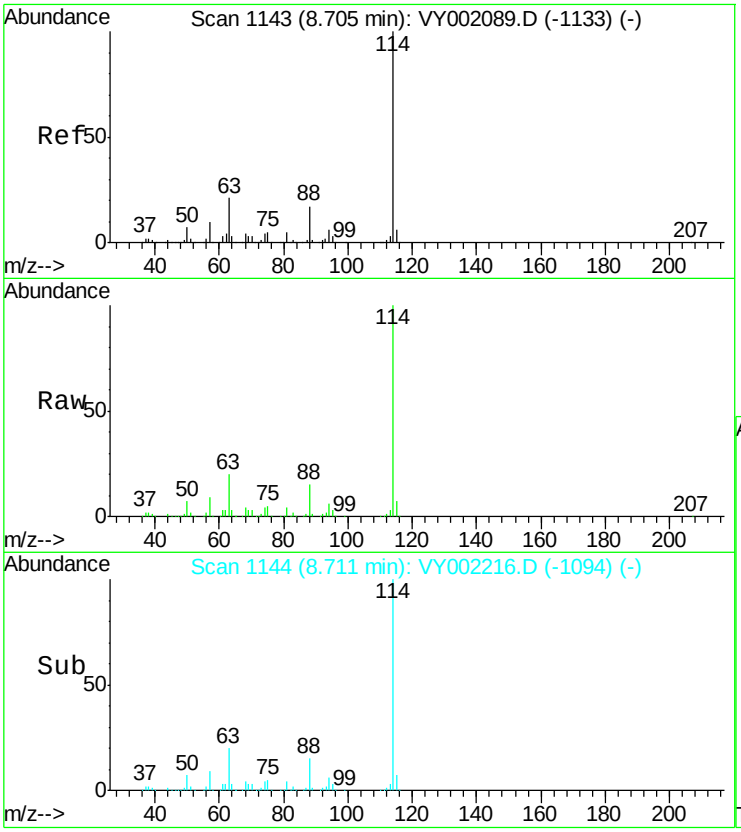


#33
1,2-Dichloroethane-d4
Concen: 59.132 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion: 65 Resp: 79992

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	112.8



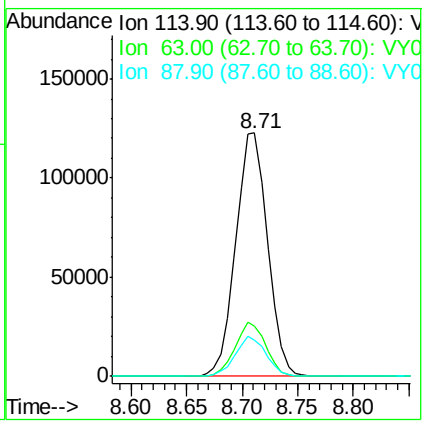


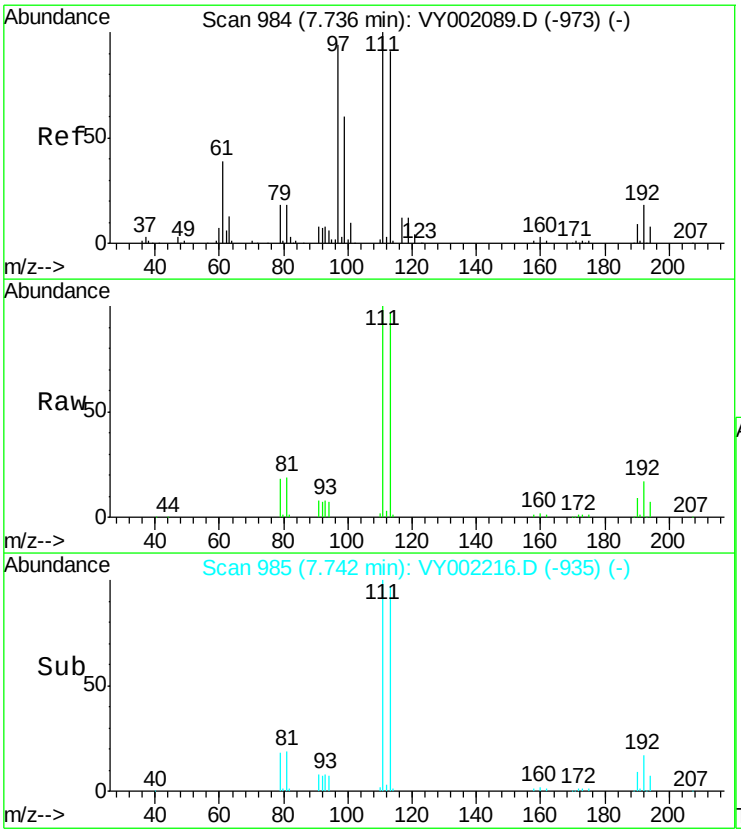
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion:114 Resp: 243323

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	15.0	0.0	33.0

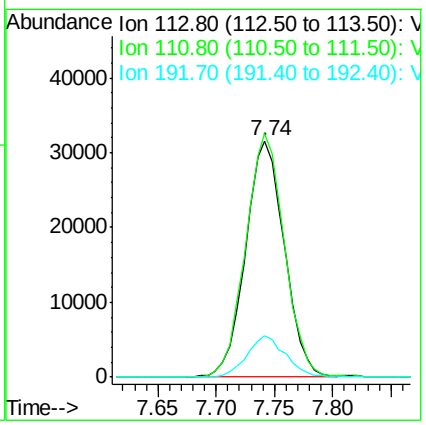


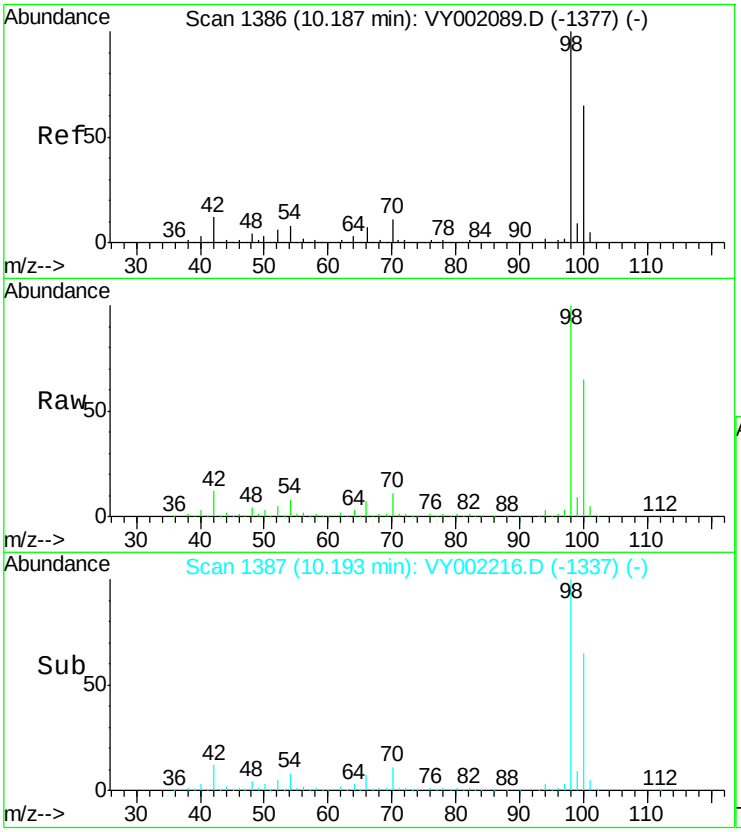


#35
Dibromofluoromethane
Concen: 53.789 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:113 Resp: 73335

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.4	126.6
192	17.4	14.6	21.8



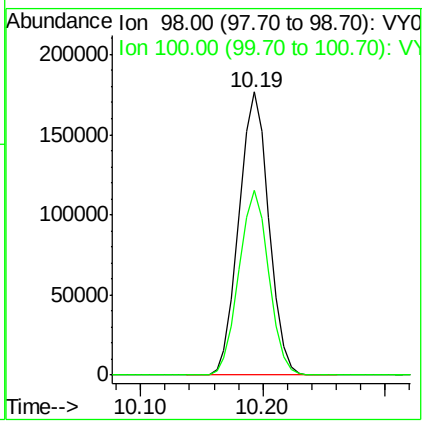


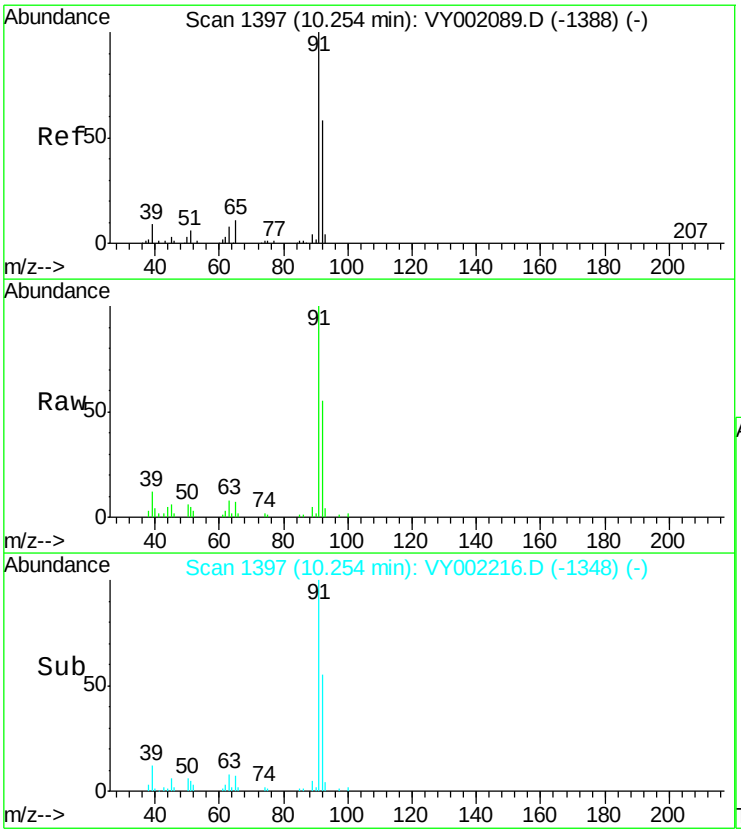
#50
Toluene-d8
Concen: 52.935 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion: 98 Resp: 299814

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4

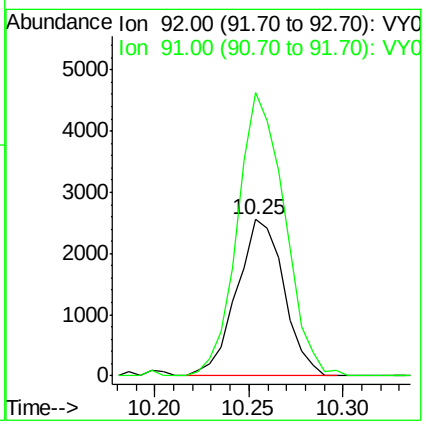


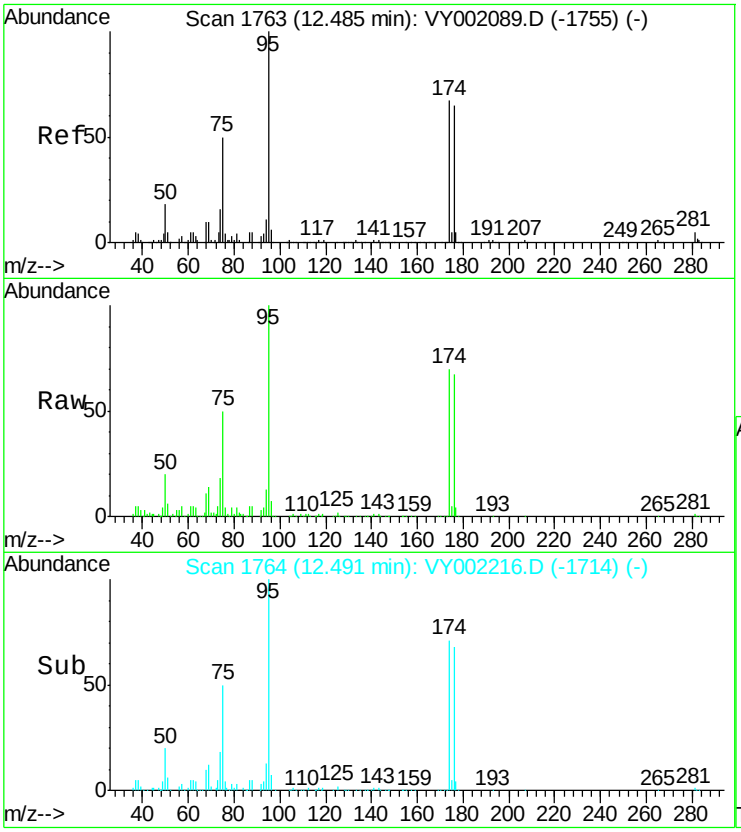


#52
Toluene
Concen: 1.075 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion: 92 Resp: 4434

Ion	Ratio	Lower	Upper
92	100		
91	181.0	139.3	208.9



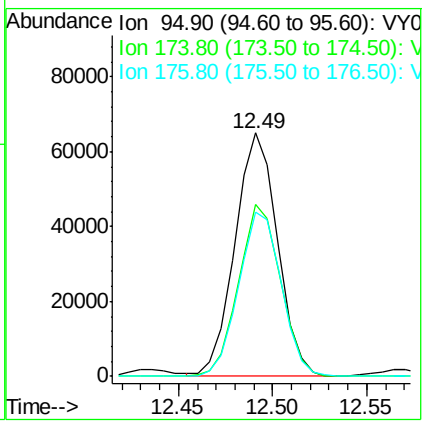


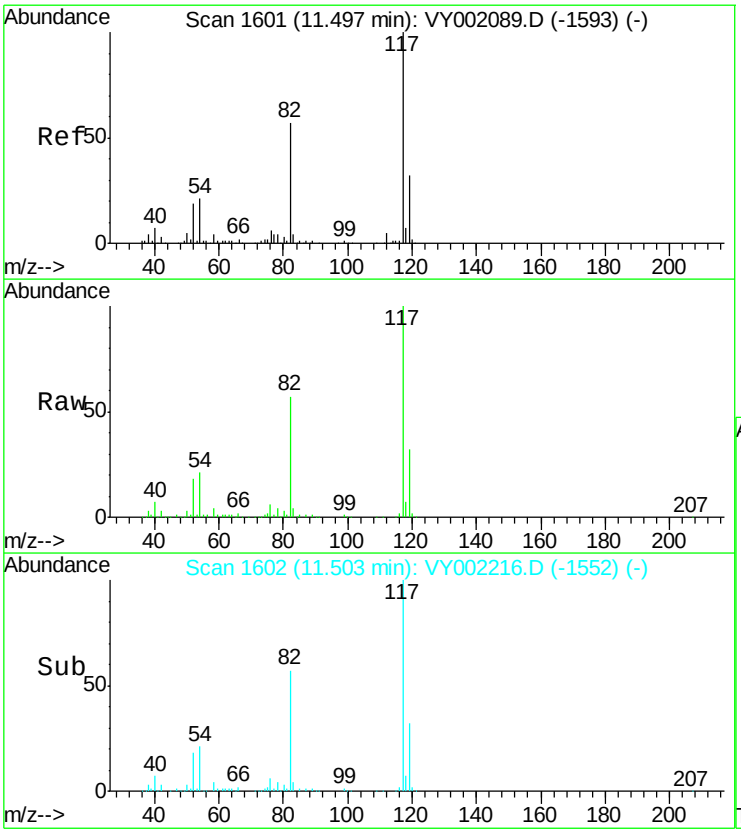
#62
4-Bromofluorobenzene
Concen: 50.803 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument : MSVOA_Y
ClientSampleId : HR-06-040220

Tgt Ion: 95 Resp: 100631

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	143.4
176	68.4	0.0	137.0

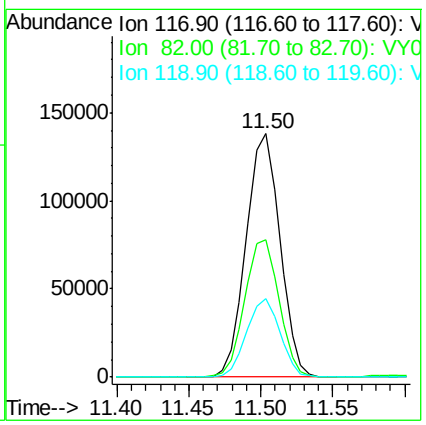


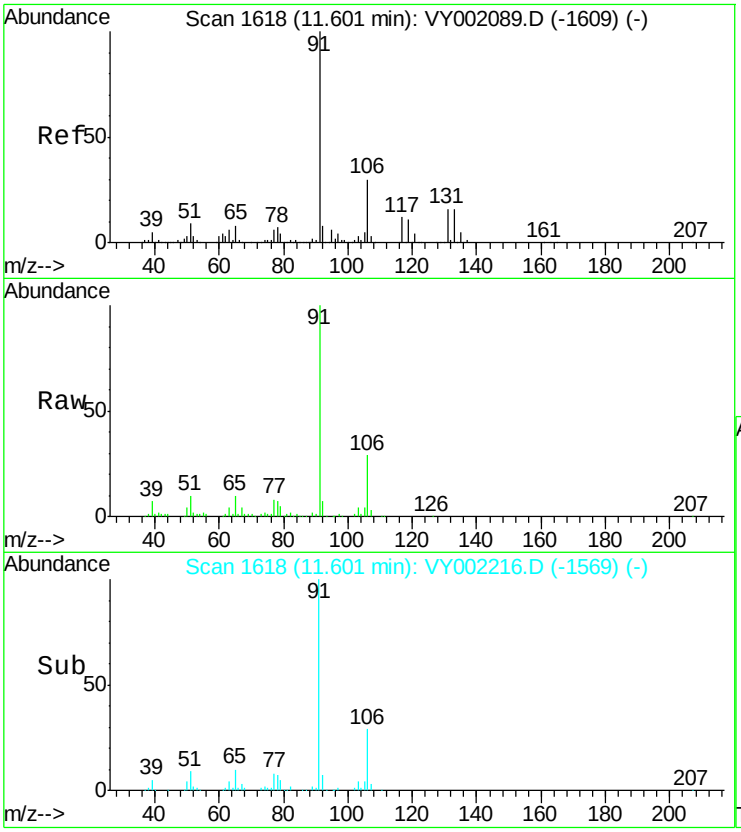


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:117 Resp: 223971

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.2
119	32.1	25.3	37.9



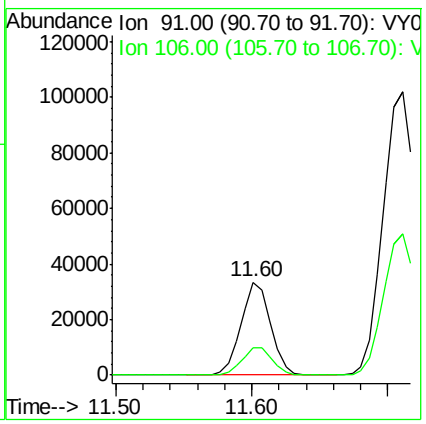


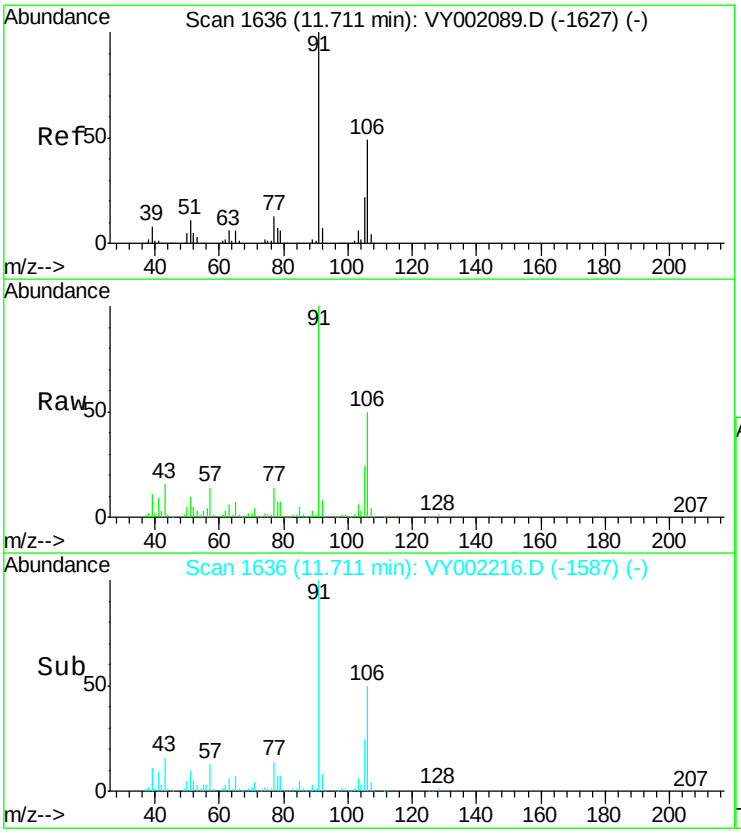
#67
Ethyl Benzene
Concen: 6.342 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument : MSVOA_Y
ClientSampleId : HR-06-040220

Tgt Ion: 91 Resp: 50925

Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.1	36.1

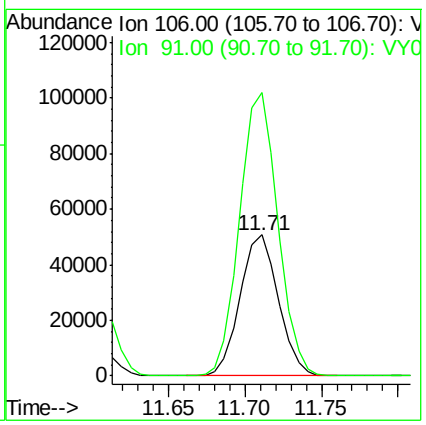


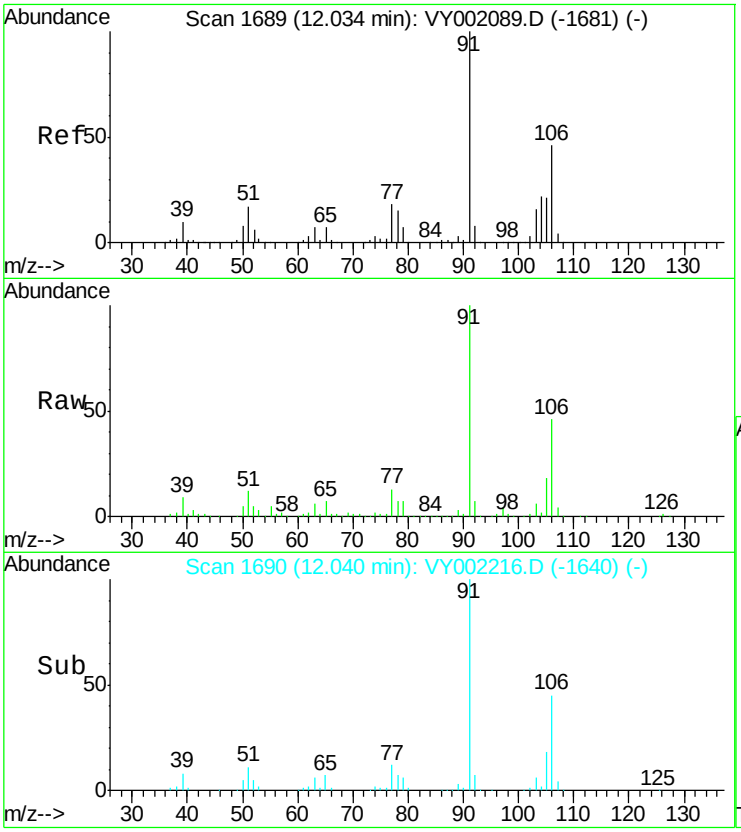


#68
m/p-Xylenes
Concen: 29.785 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:106 Resp: 88427

Ion	Ratio	Lower	Upper
106	100		
91	200.8	162.8	244.2



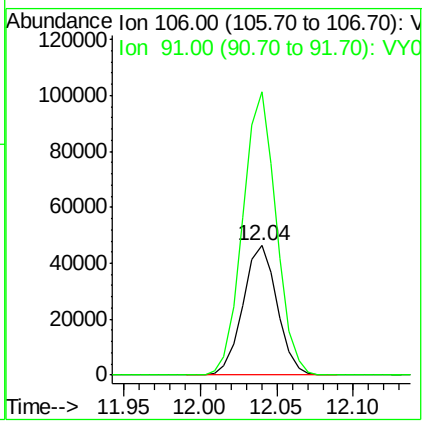


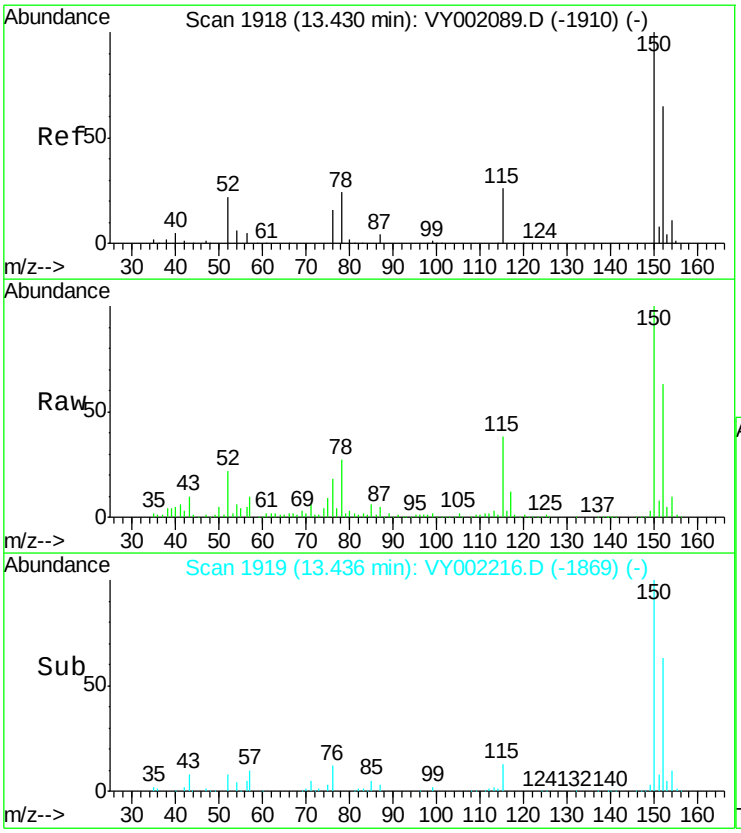
#69
o-Xylene
Concen: 25.511 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion:106 Resp: 71845

Ion	Ratio	Lower	Upper
106	100		
91	214.5	107.3	321.8

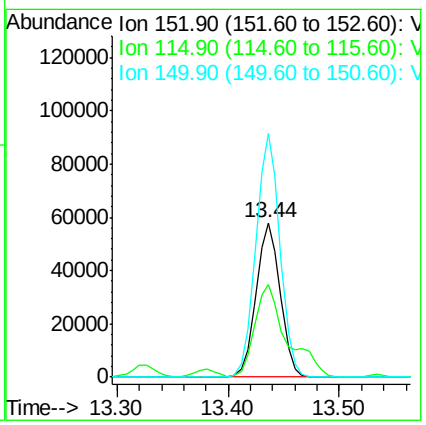


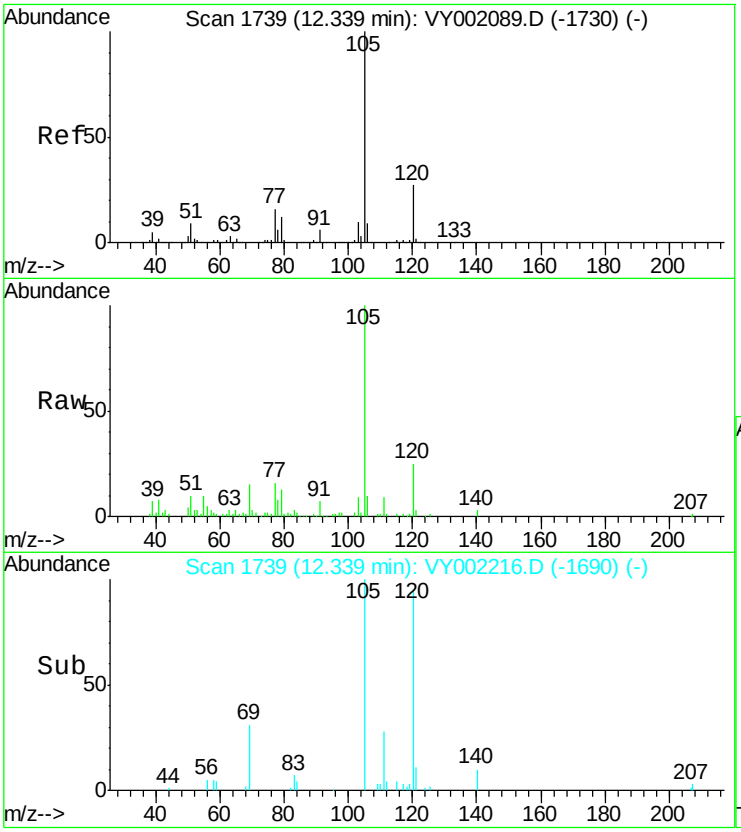


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:152 Resp: 87510

Ion	Ratio	Lower	Upper
152	100		
115	79.6	31.2	93.6
150	157.4	0.0	354.8



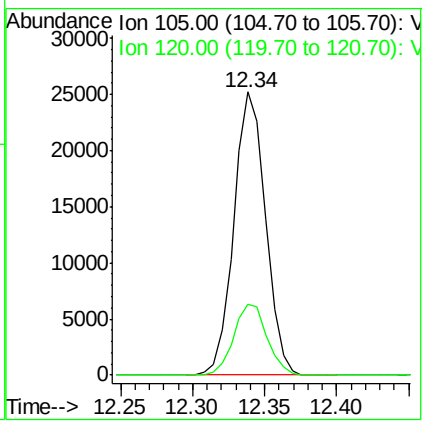


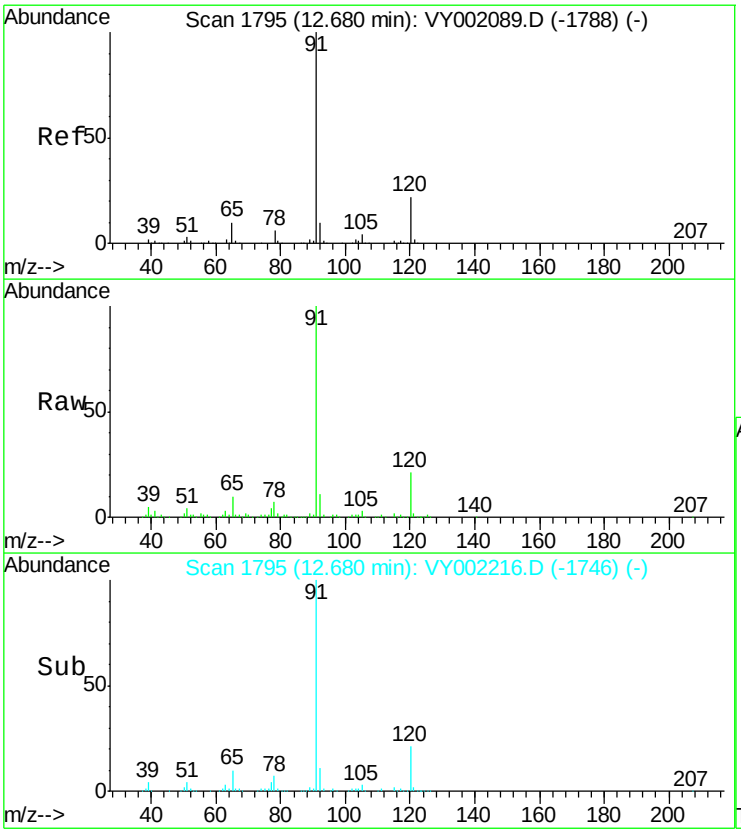
#73
Isopropylbenzene
Concen: 5.939 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion:105 Resp: 38553

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8

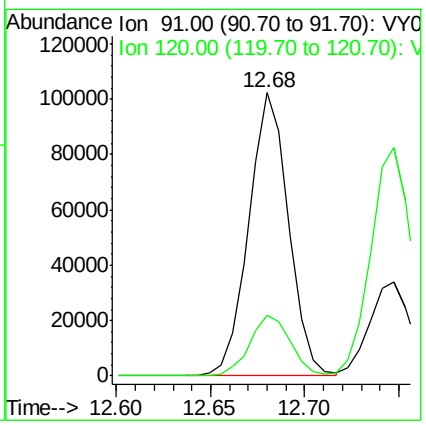


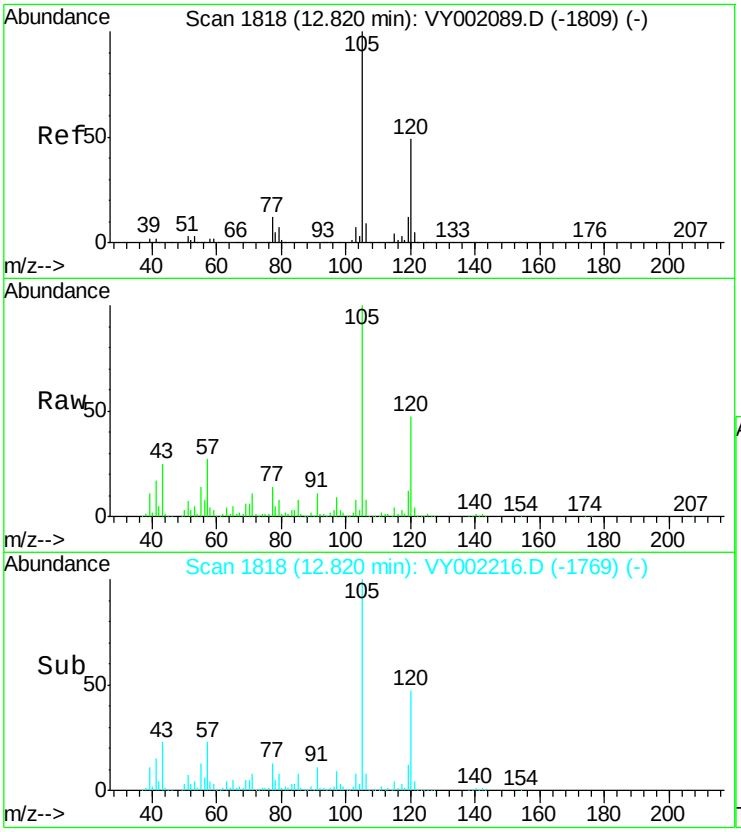


#78
n-propylbenzene
Concen: 18.515 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion: 91 Resp: 149151

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.1



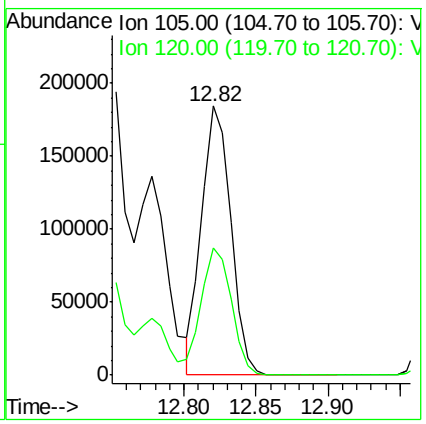


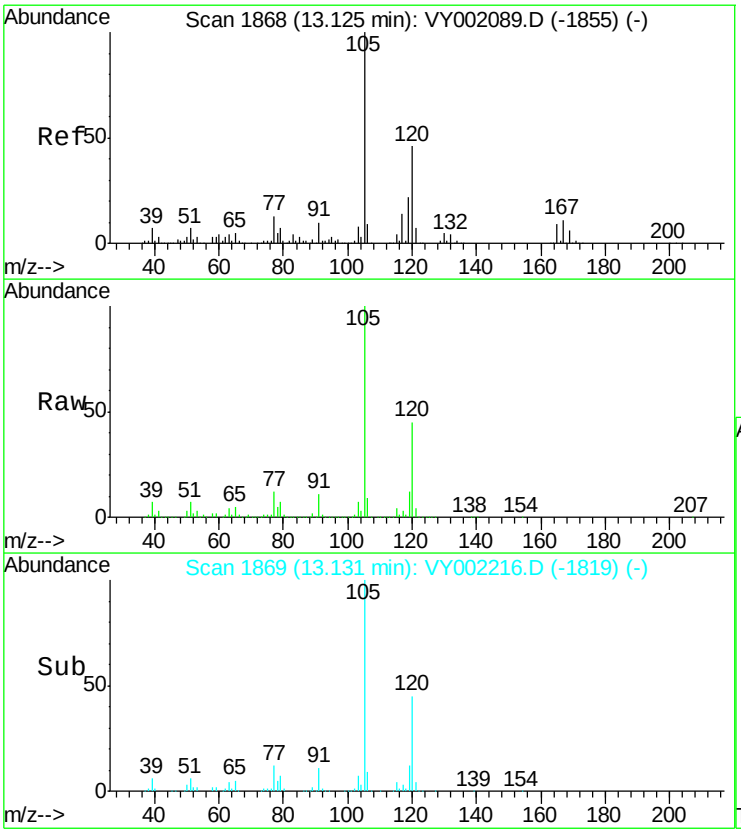
#80
1,3,5-Trimethylbenzene
Concen: 48.354 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion:105 Resp: 258970

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.1	72.4

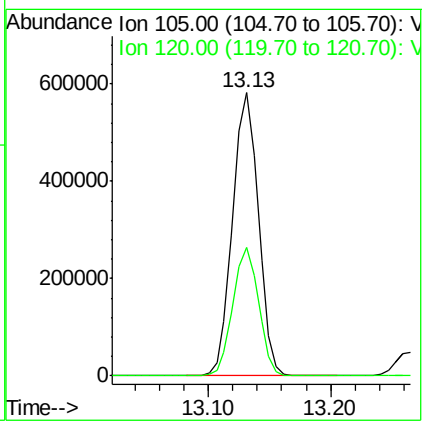


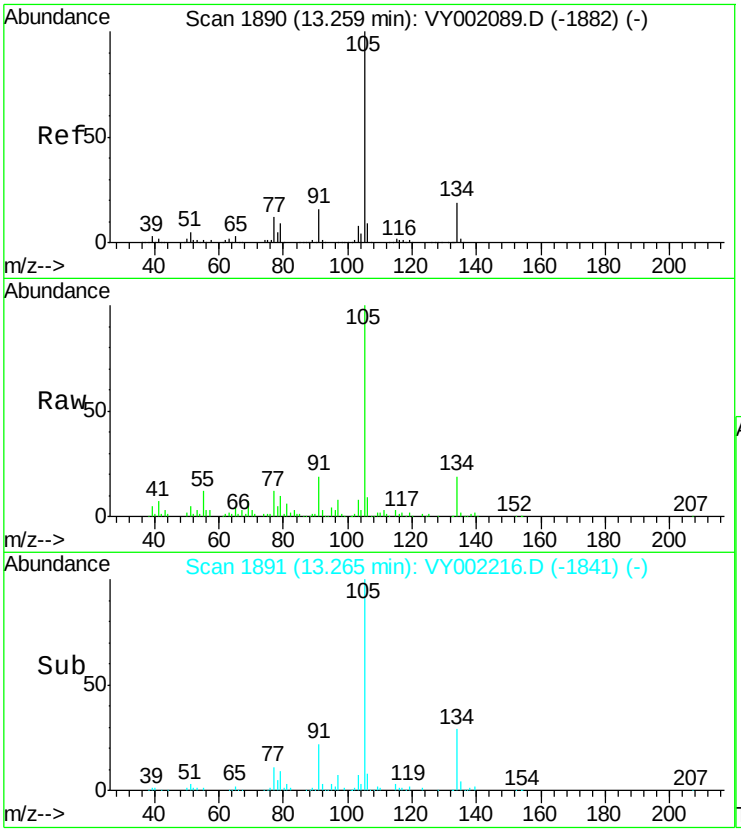


#84
1,2,4-Trimethylbenzene
Concen: 158.769 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:105 Resp: 848400

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.5



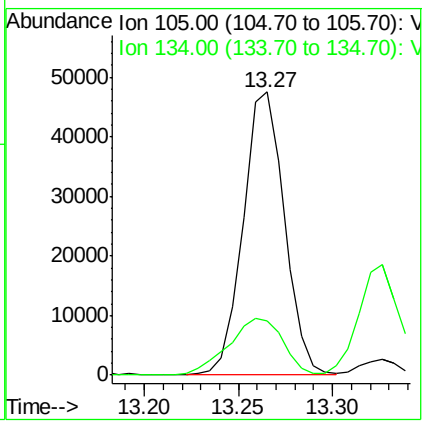


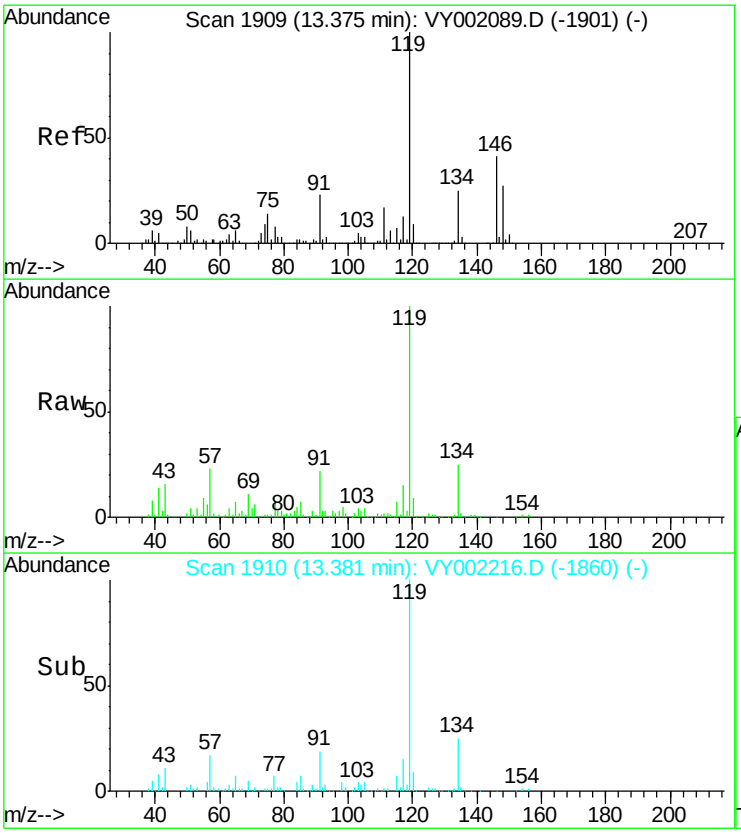
#85
sec-Butylbenzene
Concen: 10.814 ug/l
RT: 13.27 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-06-040220

Tgt Ion:105 Resp: 71603

Ion	Ratio	Lower	Upper
105	100		
134	26.9	9.7	29.1

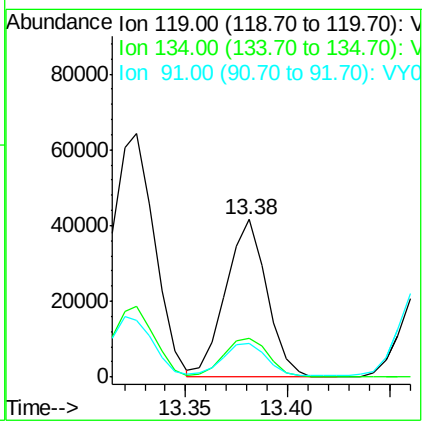


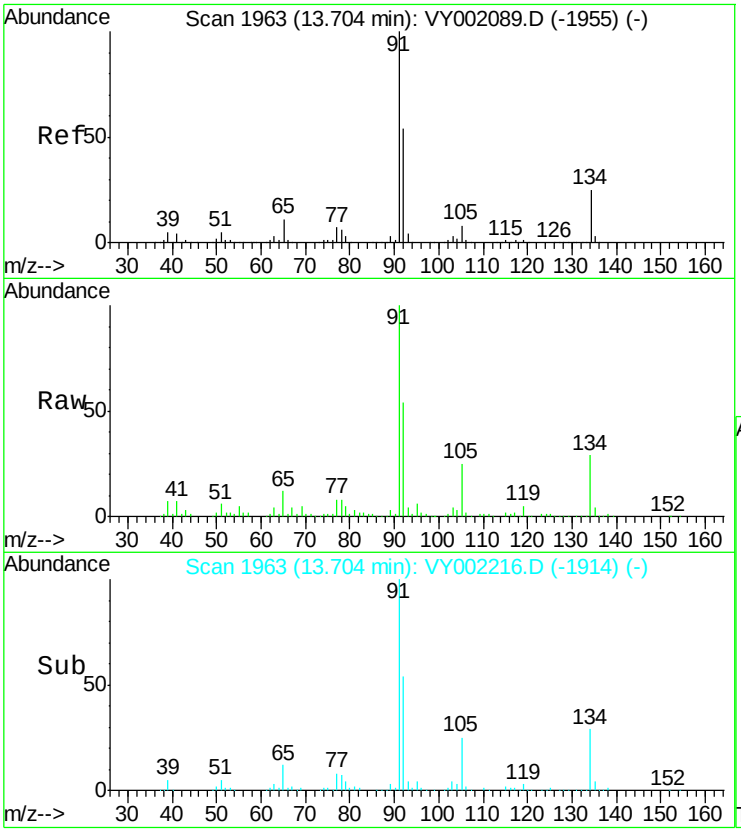


#86
p-Isopropyltoluene
Concen: 10.263 ug/l
RT: 13.38 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:119 Resp: 58356

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.3
91	21.8	11.8	35.3



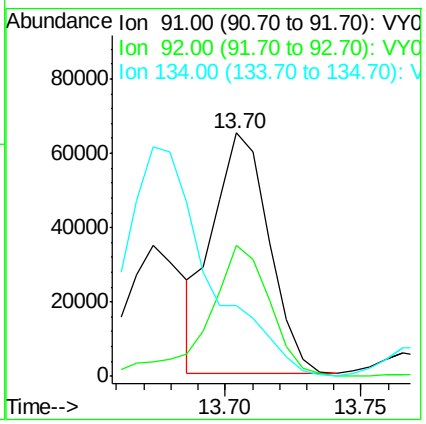


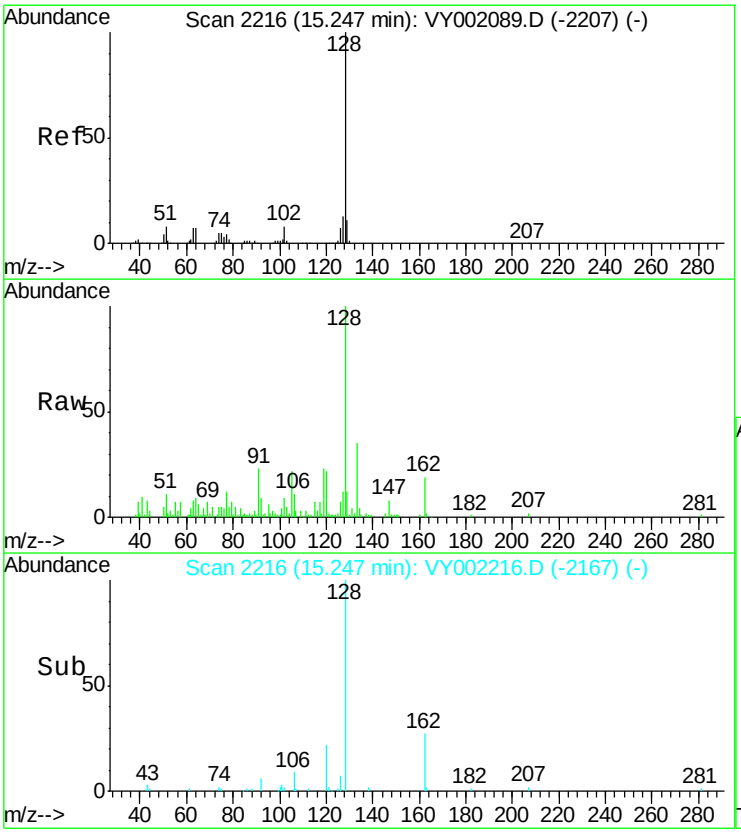
#89
n-Butylbenzene
Concen: 15.733 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Instrument : MSVOA_Y
ClientSampleId : HR-06-040220

Tgt Ion: 91 Resp: 93215

Ion	Ratio	Lower	Upper
91	100		
92	59.1	27.0	81.0
134	0.0	12.3	36.8#





#95
Naphthalene
Concen: 5.516 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002216.D
Acq: 03 Apr 2020 13:43

Tgt Ion:128 Resp: 21142

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.8
129	9.0	8.6	13.0