Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
Data File : VY001915.D
Acq On : 09 Mar 2020 17:54
Operator : SY/MD
Sample : L1852-22
Misc : 6.59G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-4-S2

Quant Time: Mar 10 12:20:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	143444	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	274617	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	244298	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	93010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90310	58.97	ug/l	-0.02
Spiked Amount 50.000			Recovery = 117.94%			
35) Dibromofluoromethane	7.73	113	80425	53.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.26%			
50) Toluene-d8	10.18	98	331193	52.38	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.76%			
62) 4-Bromofluorobenzene	12.48	95	104924	47.72	ug/l	-0.01
Spiked Amount 50.000			Recovery = 95.44%			
Target Compounds						Qvalue
16) Acetone	3.96	43	4048	9.076	ug/l	92
20) Methylene Chloride	4.73	84	8738	4.571	ug/l	95
39) Methylcyclohexane	9.19	83	15479	4.416	ug/l	91
52) Toluene	10.25	92	11241	2.362	ug/l	99
67) Ethyl Benzene	11.60	91	14454	1.592	ug/l	91
68) m/p-Xylenes	11.70	106	23069	6.873	ug/l	97
69) o-Xylene	12.03	106	13164	4.161	ug/l	100
78) n-propylbenzene	12.67	91	11021	1.258	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	32018	5.478	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	73254	12.628	ug/l	99
95) Naphthalene	15.24	128	11951	2.901	ug/l #	93

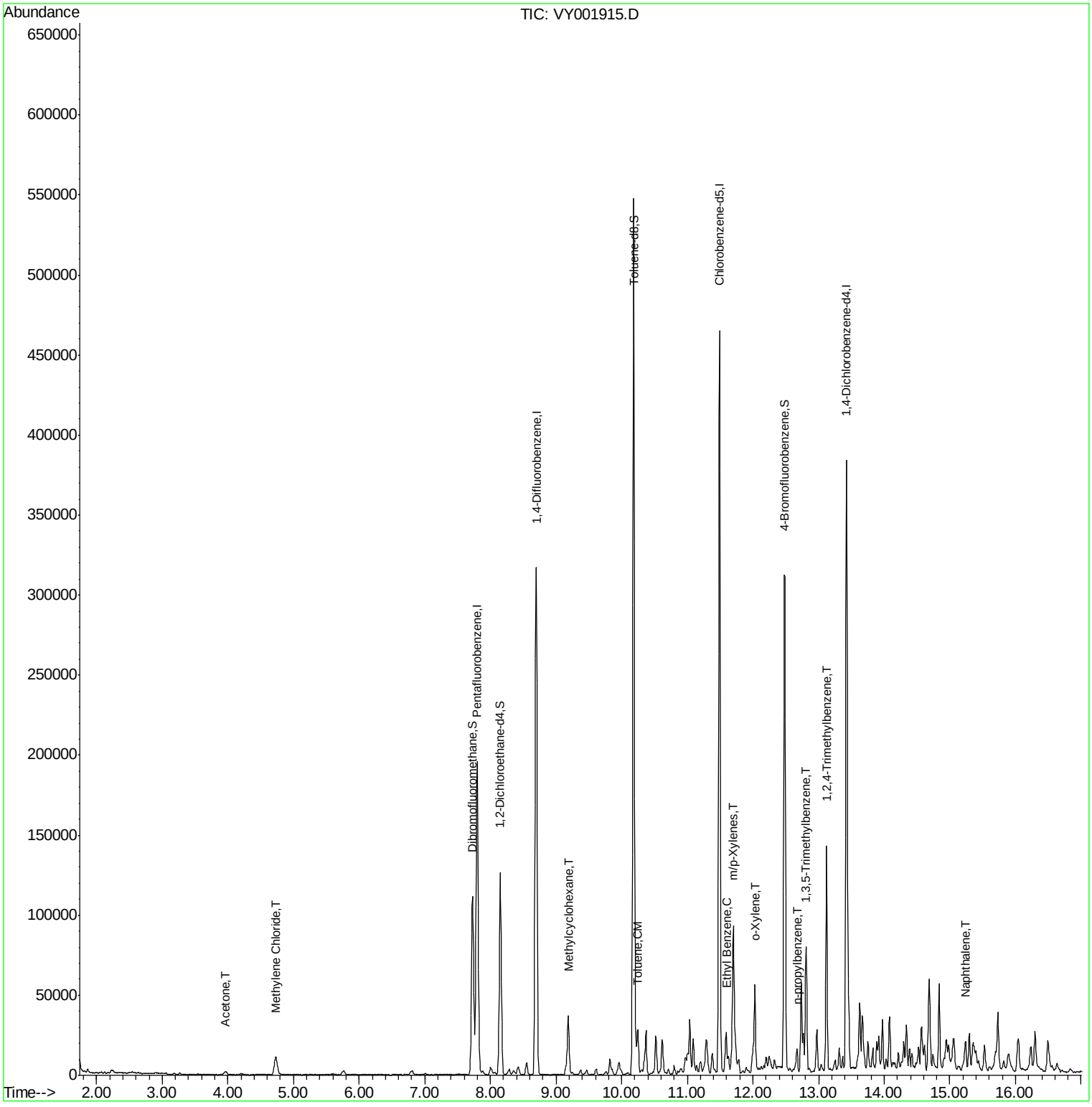
(#) = qualifier out of range (m) = manual integration (+) = signals summed

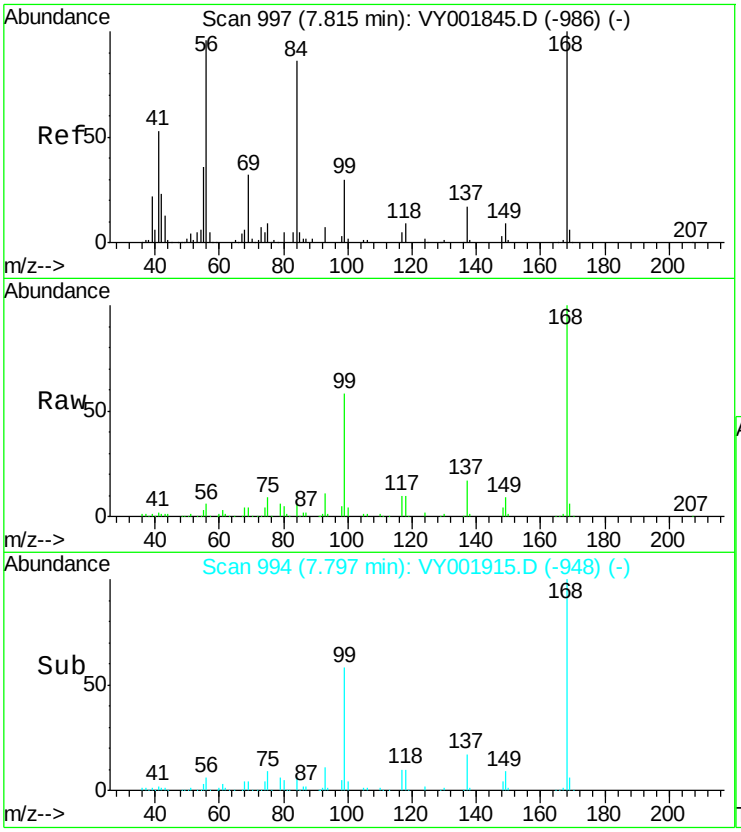
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
Data File : VY001915.D
Acq On : 09 Mar 2020 17:54
Operator : SY/MD
Sample : L1852-22
Misc : 6.59G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Quant Time: Mar 10 12:20:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



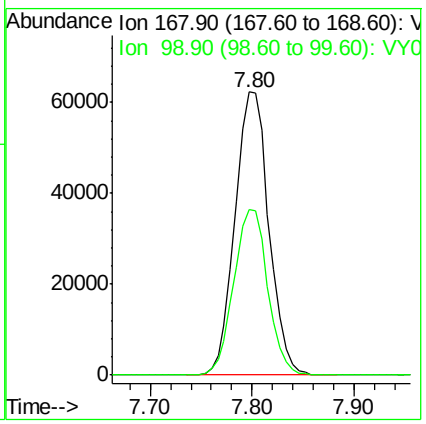


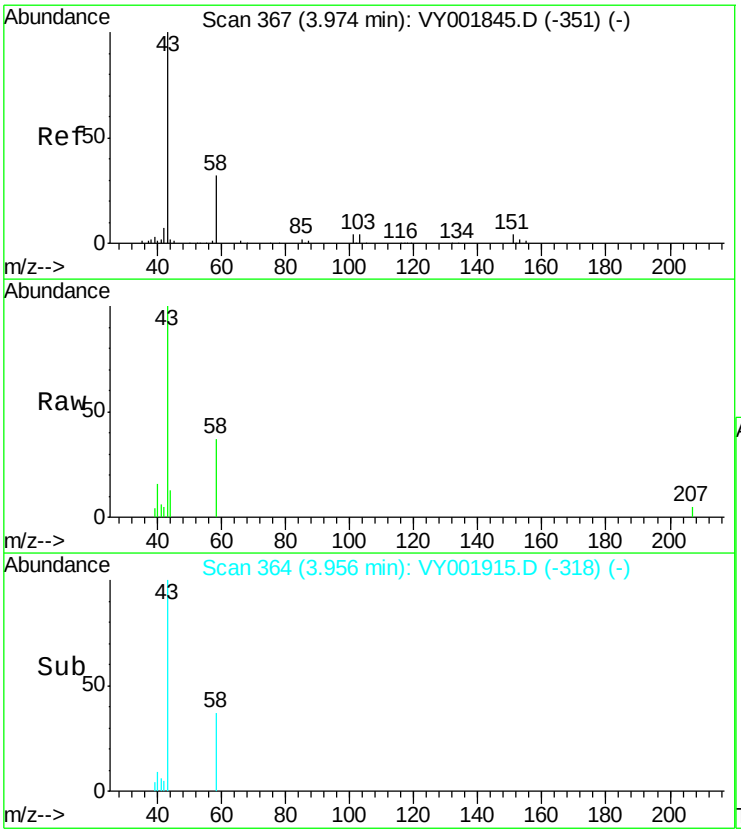
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:168 Resp: 143444

Ion	Ratio	Lower	Upper
168	100		
99	58.4	46.7	70.1

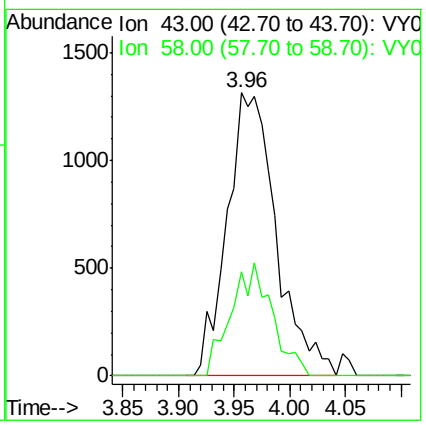


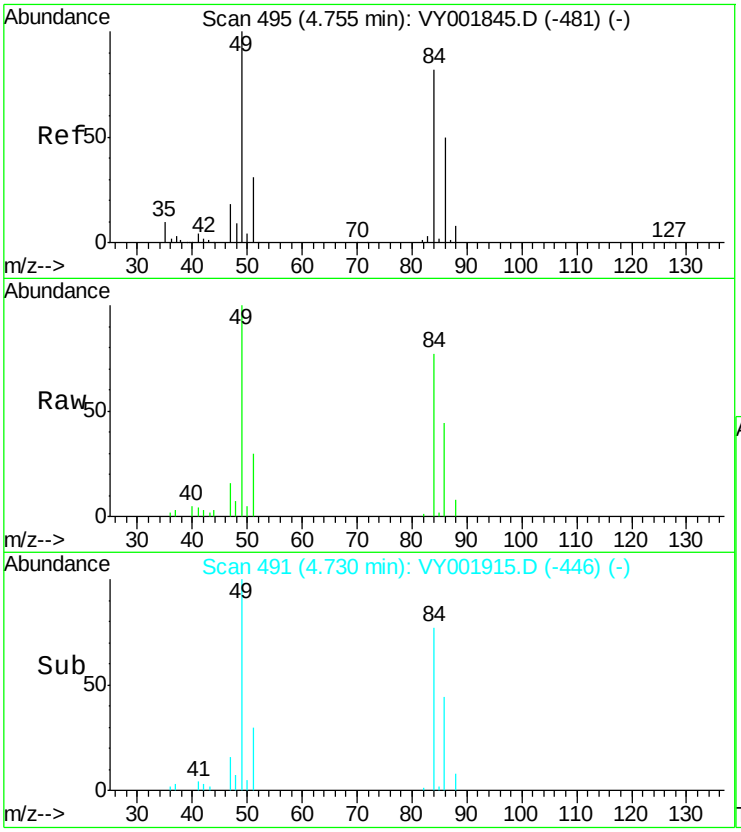


#16
Acetone
Concen: 9.076 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.02 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion: 43 Resp: 4048

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.9	38.9



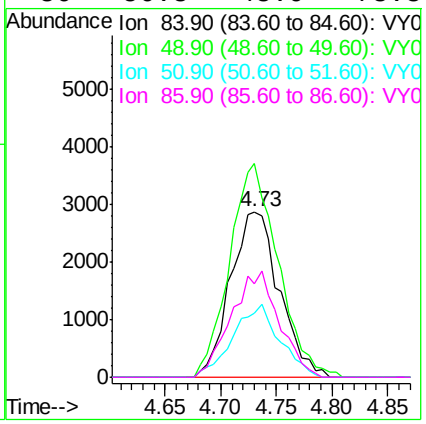


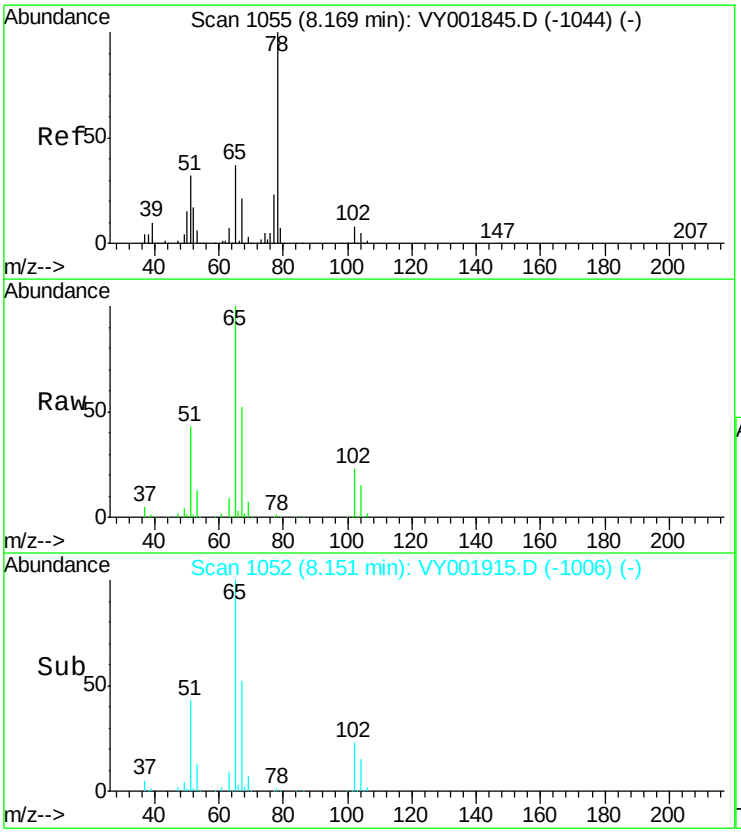
#20
Methylene Chloride
Concen: 4.571 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion: 84 Resp: 8738

Ion	Ratio	Lower	Upper
84	100		
49	129.1	98.2	147.2
51	38.5	30.2	45.2
86	56.8	48.9	73.3

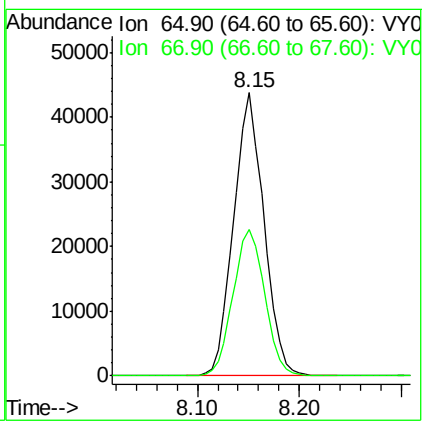


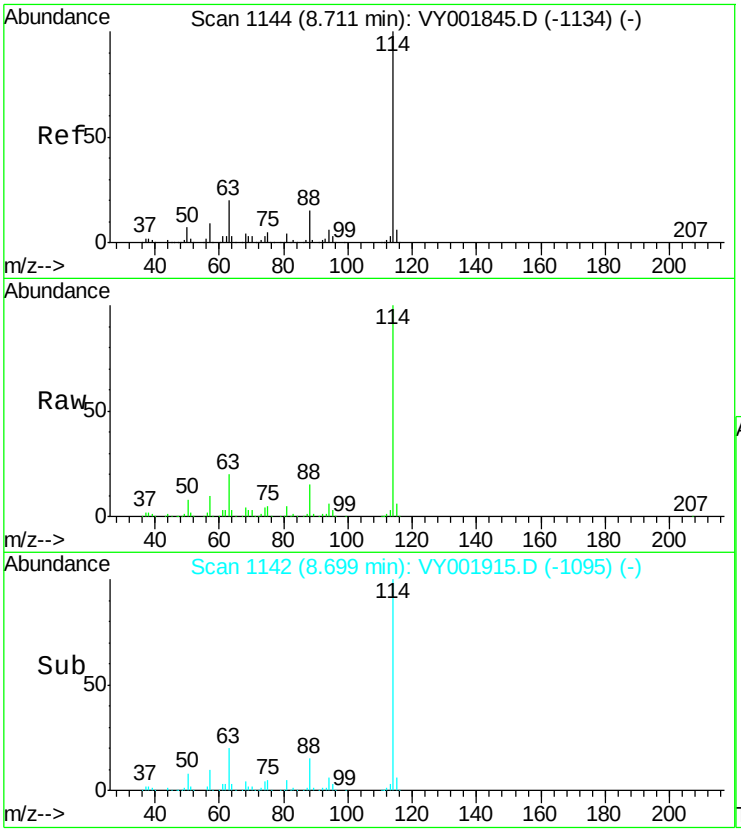


#33
1,2-Dichloroethane-d4
Concen: 58.974 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion: 65 Resp: 90310

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.8



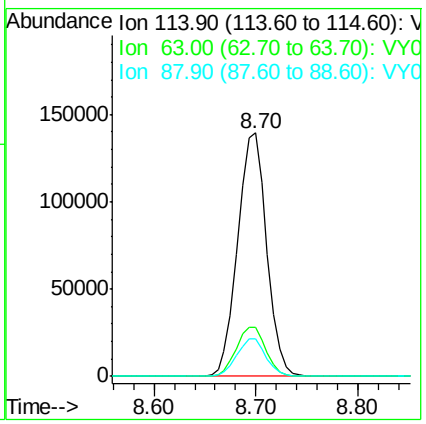


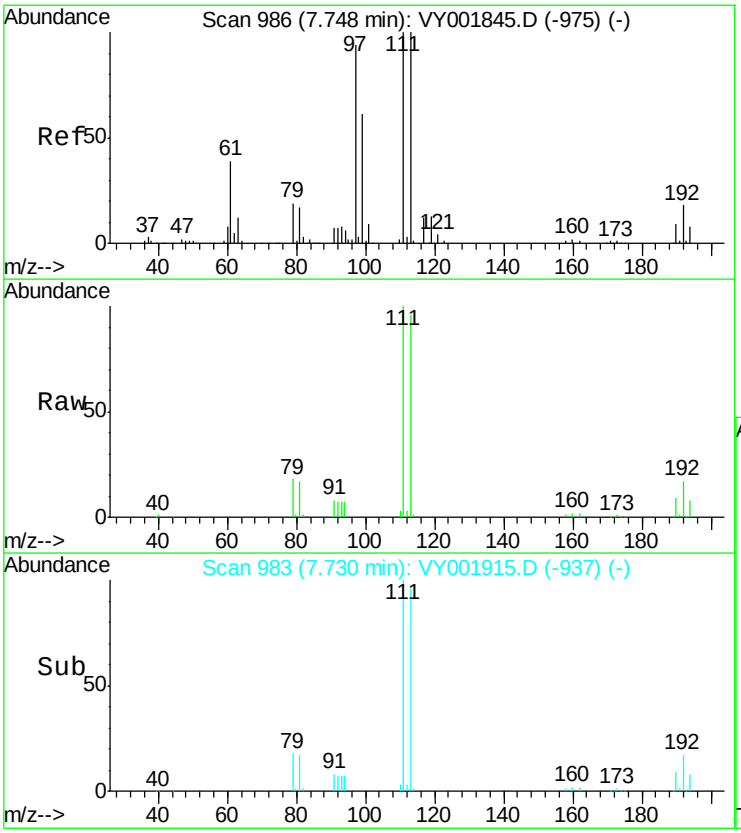
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:114 Resp: 274617

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.4
88	15.3	0.0	30.4

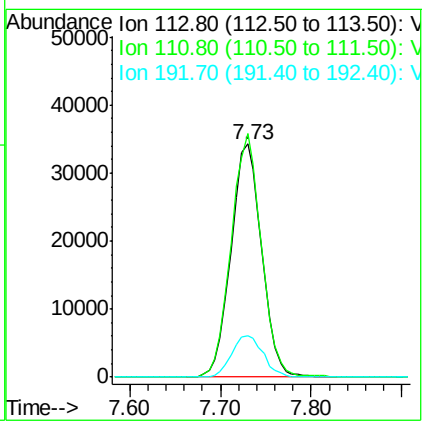


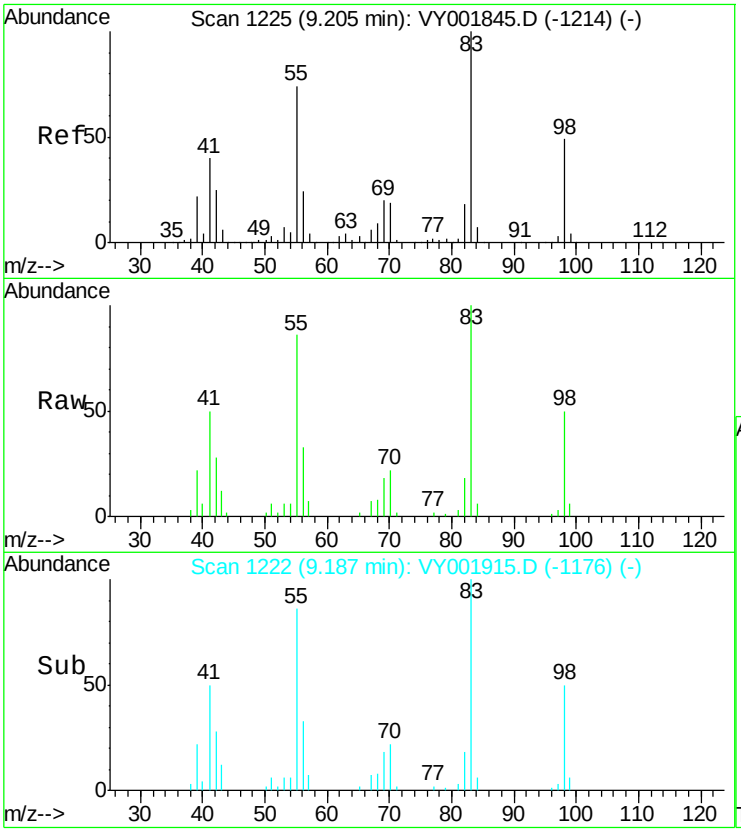


#35
Dibromofluoromethane
Concen: 53.633 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion:113 Resp: 80425

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	18.2	14.2	21.2



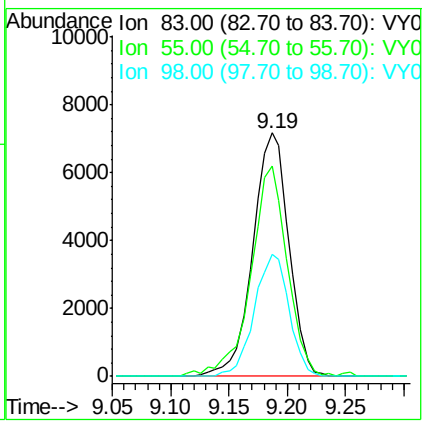


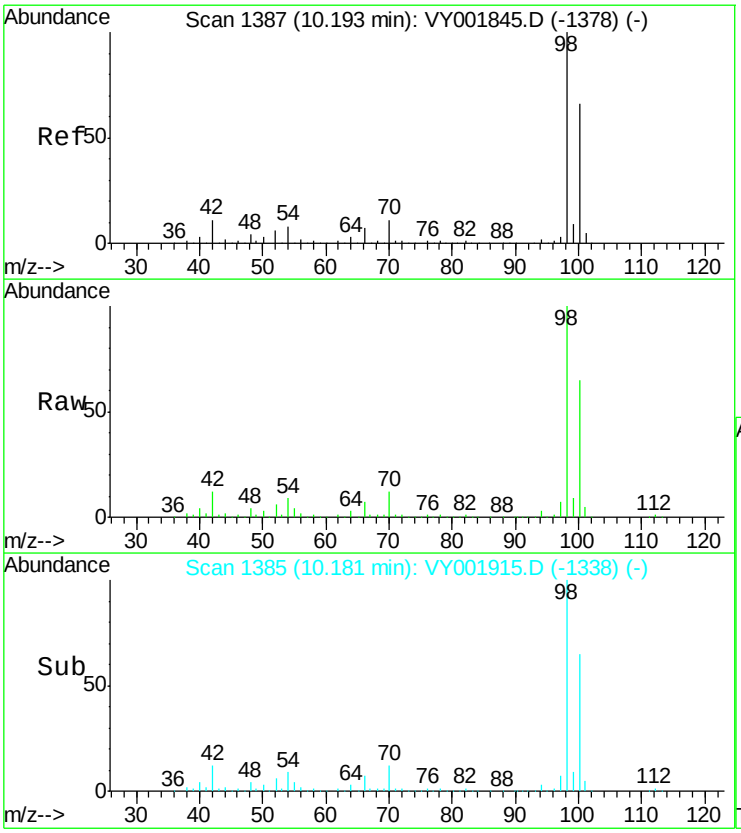
#39
Methylcyclohexane
Concen: 4.416 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion: 83 Resp: 15479

Ion	Ratio	Lower	Upper
83	100		
55	86.4	59.4	89.0
98	49.9	38.9	58.3

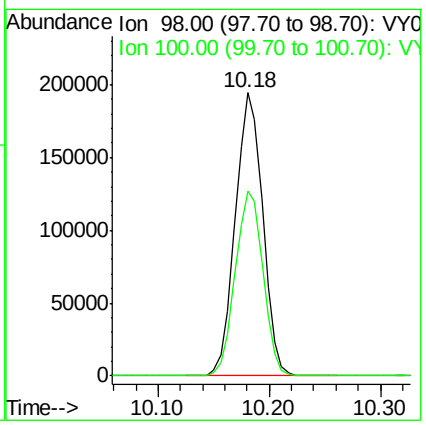


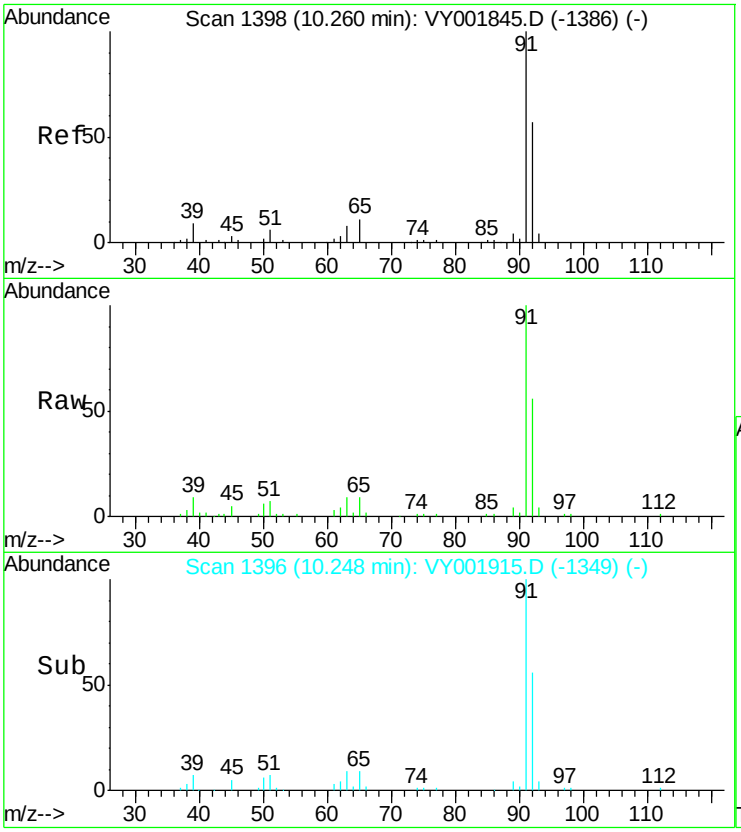


#50
Toluene-d8
Concen: 52.377 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion: 98 Resp: 331193

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



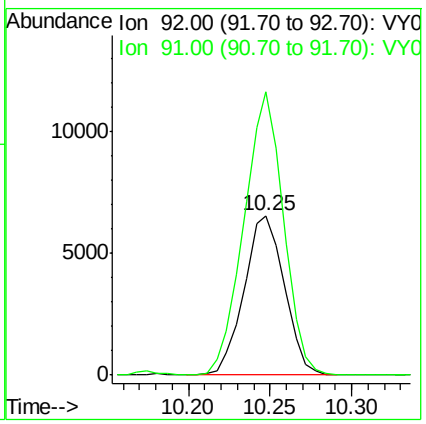


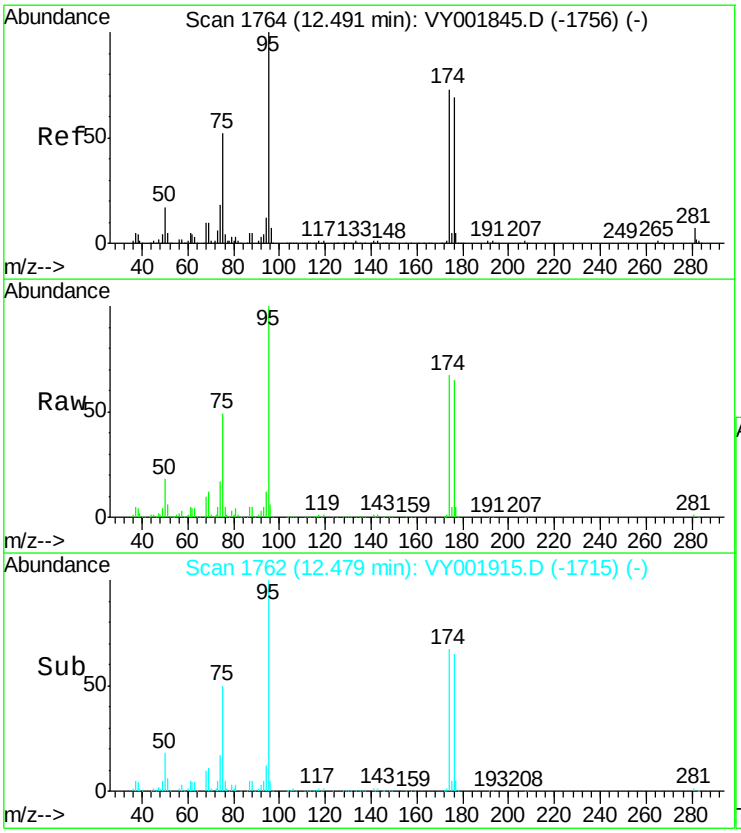
#52
Toluene
Concen: 2.362 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion: 92 Resp: 11241

Ion	Ratio	Lower	Upper
92	100		
91	174.0	138.6	208.0

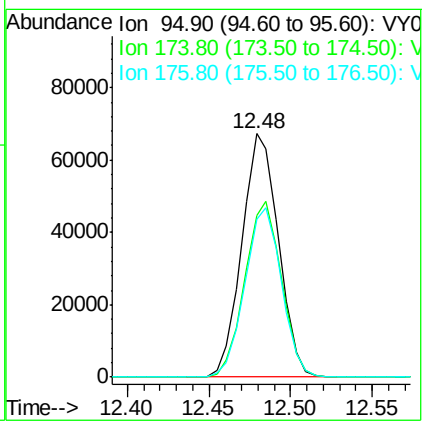


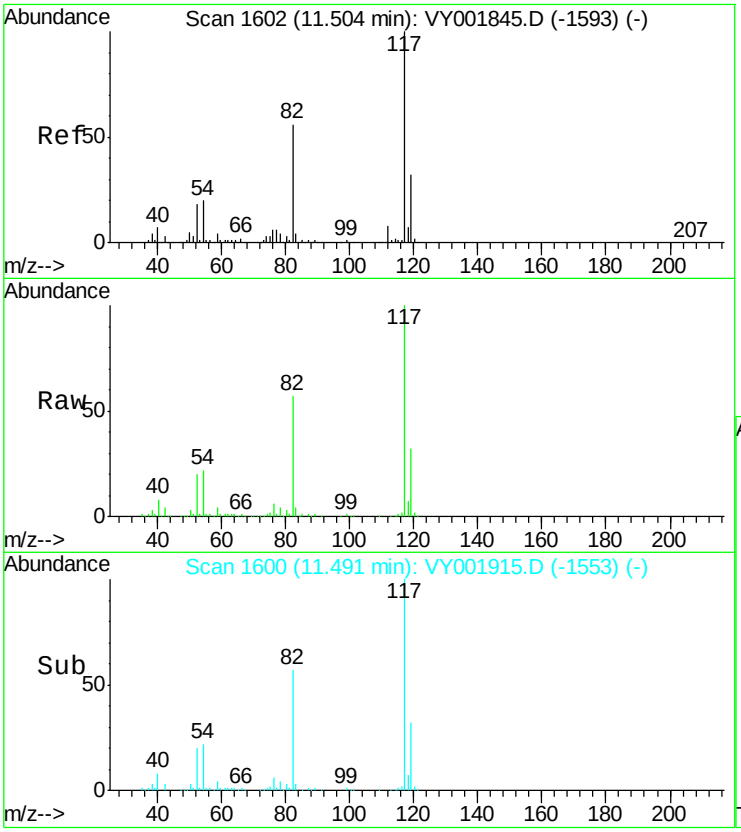


#62
4-Bromofluorobenzene
Concen: 47.721 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion: 95 Resp: 104924

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	145.0
176	69.9	0.0	137.4



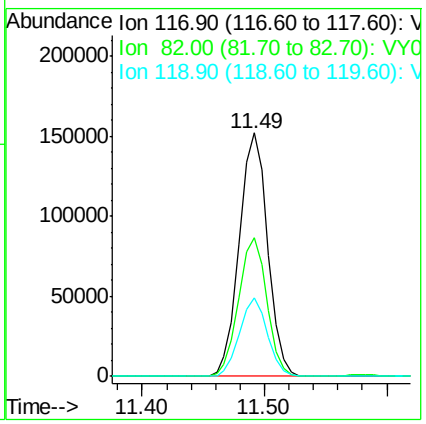


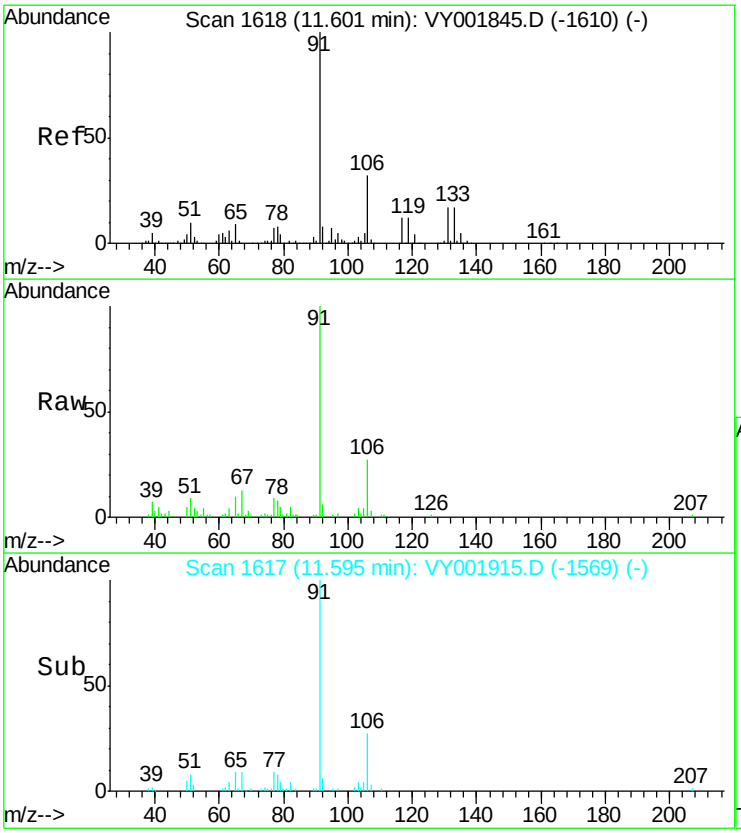
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:117 Resp: 244298

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.5	66.7
119	32.1	25.7	38.5

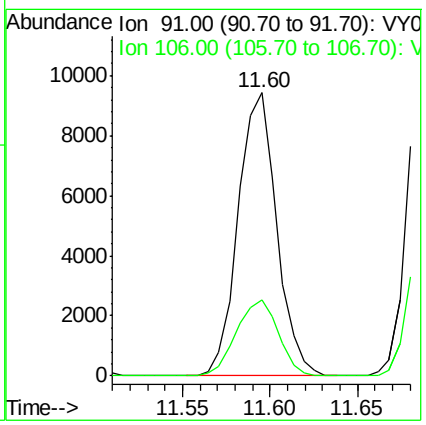


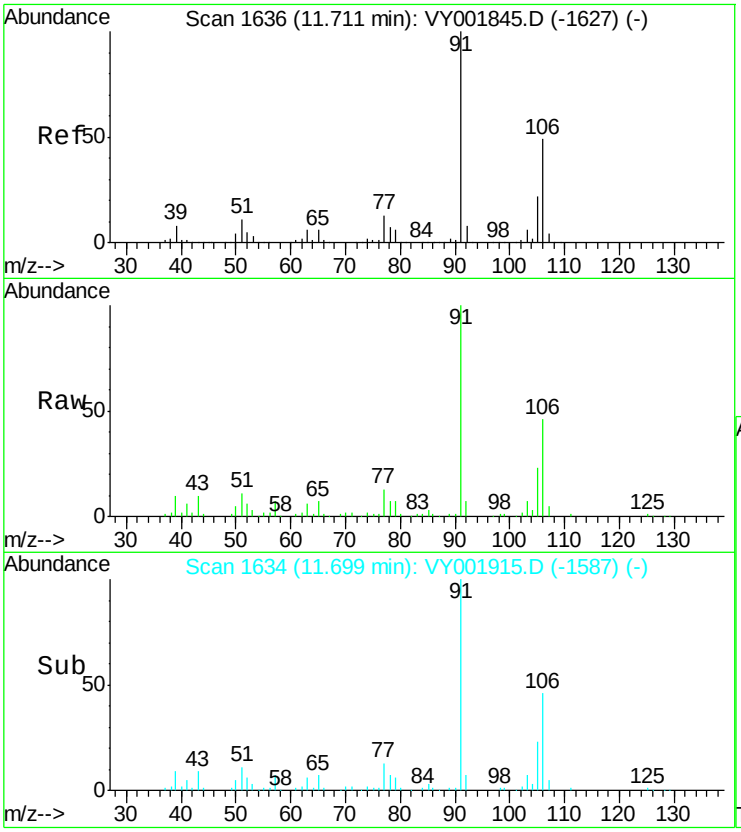


#67
Ethyl Benzene
Concen: 1.592 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion: 91 Resp: 14454

Ion	Ratio	Lower	Upper
91	100		
106	26.8	25.4	38.2



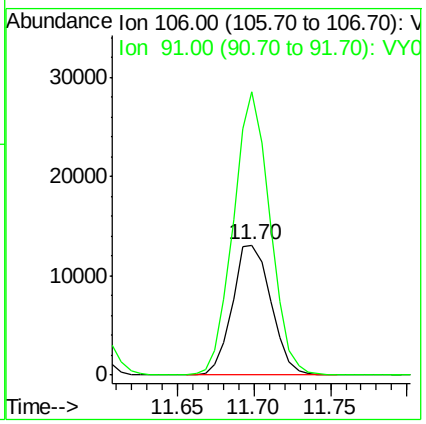


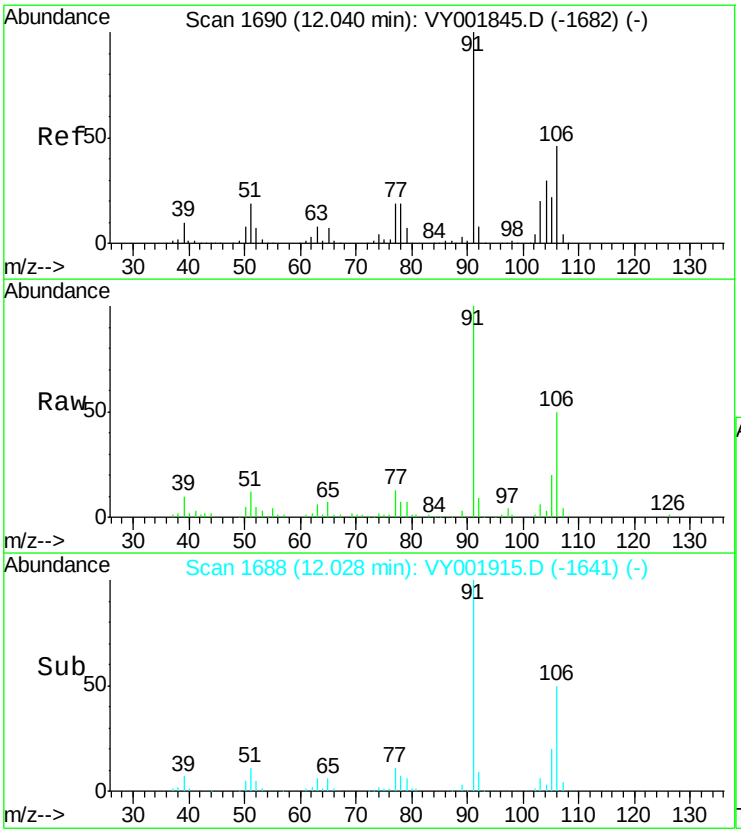
#68
m/p-Xylenes
Concen: 6.873 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:106 Resp: 23069

Ion	Ratio	Lower	Upper
106	100		
91	205.7	161.3	241.9

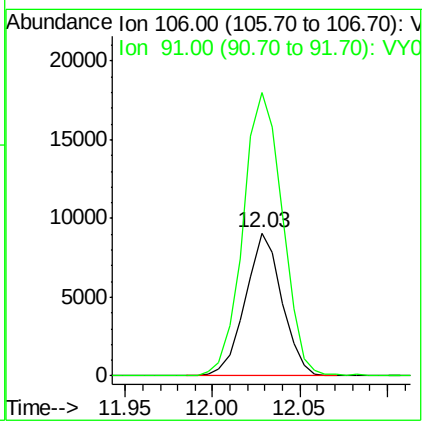


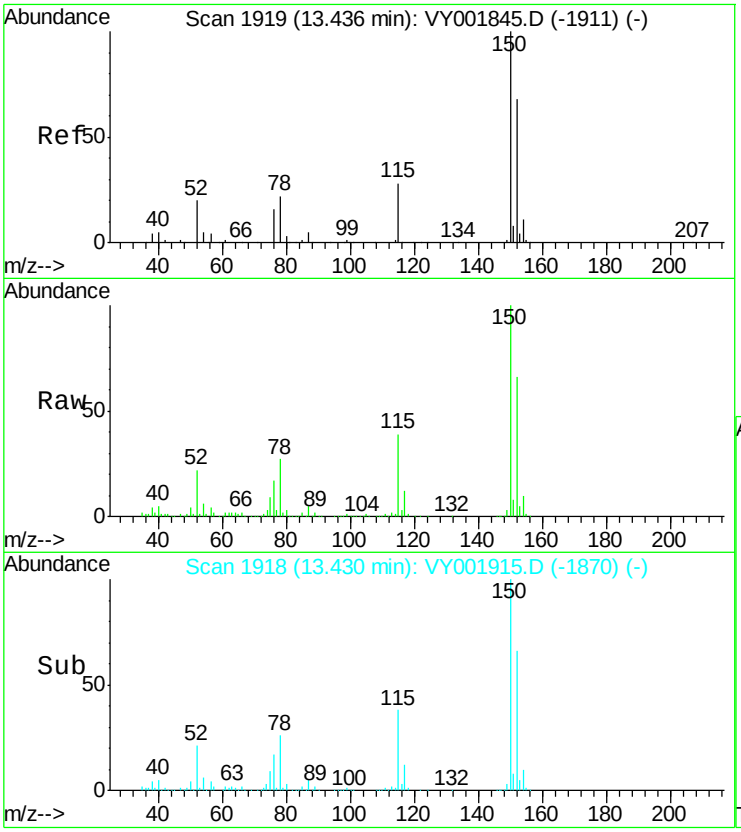


#69
o-Xylene
Concen: 4.161 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion:106 Resp: 13164

Ion	Ratio	Lower	Upper
106	100		
91	214.3	106.8	320.4



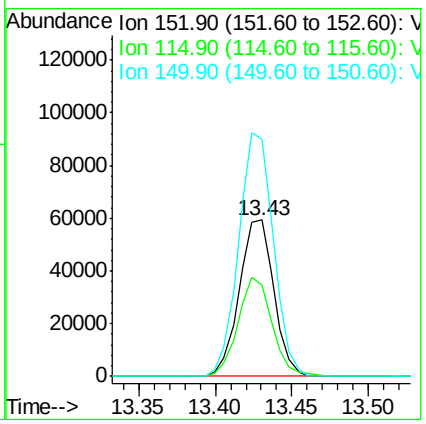


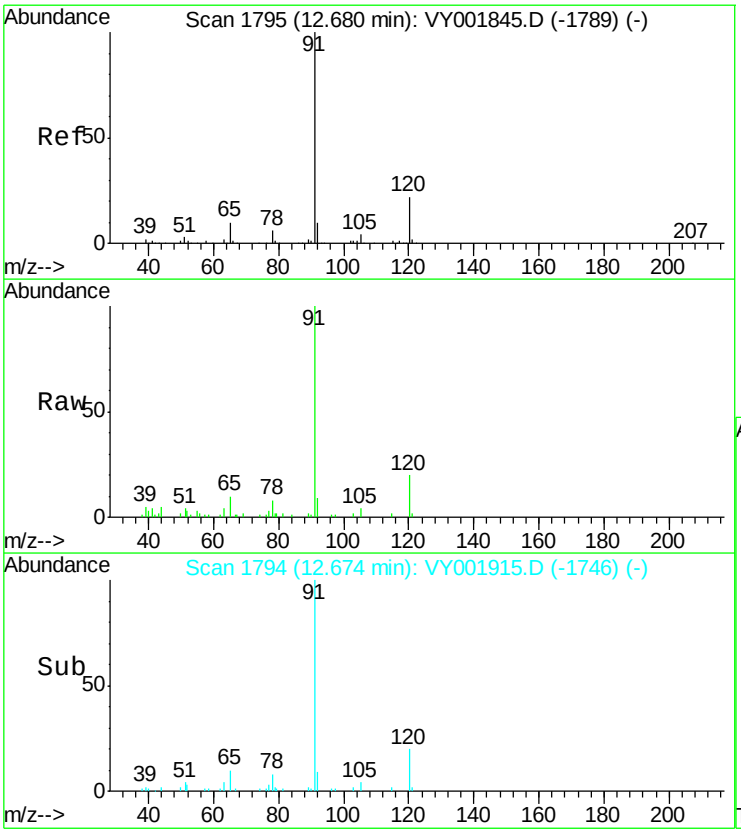
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:152 Resp: 93010

Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.9	89.7
150	156.5	0.0	340.6

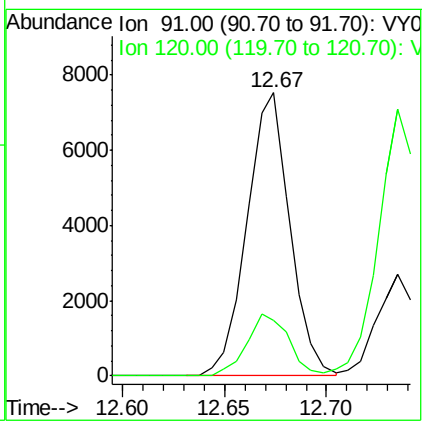


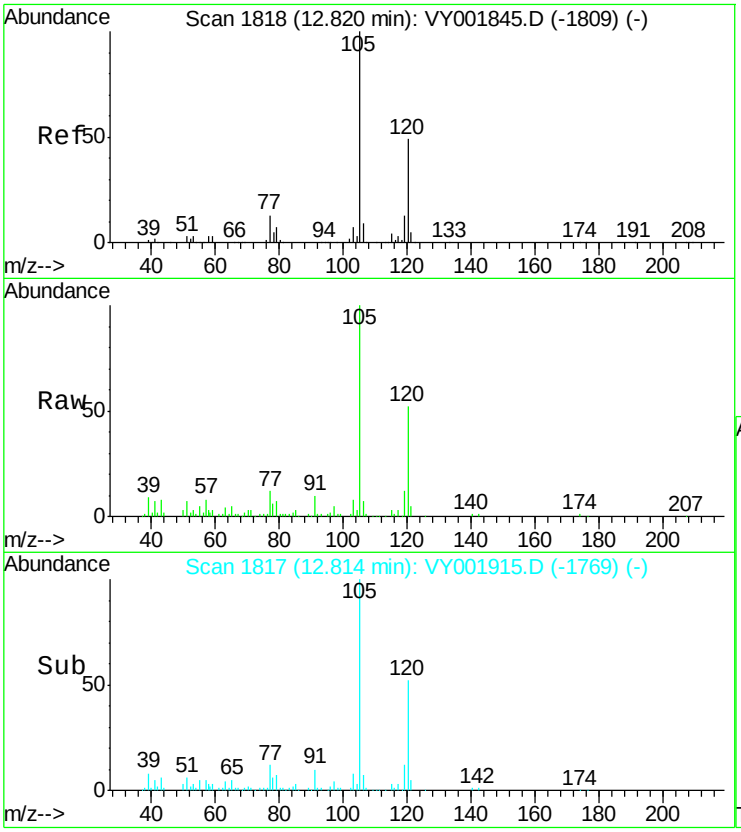


#78
n-propylbenzene
Concen: 1.258 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion: 91 Resp: 11021

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.0	33.0



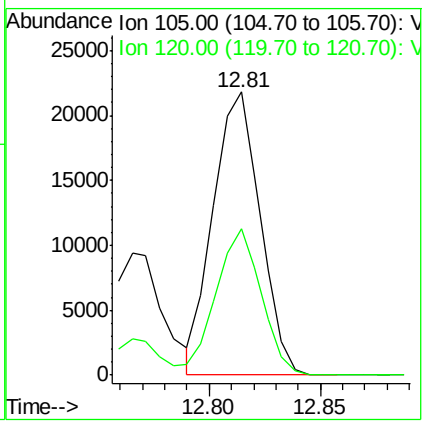


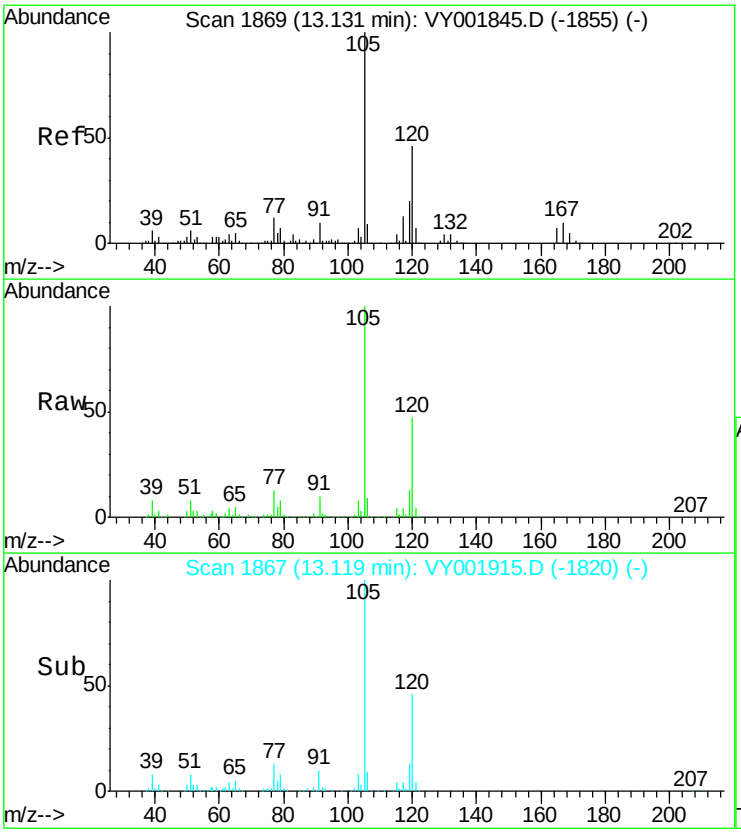
#80
1,3,5-Trimethylbenzene
Concen: 5.478 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:105 Resp: 32018

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.4	73.2

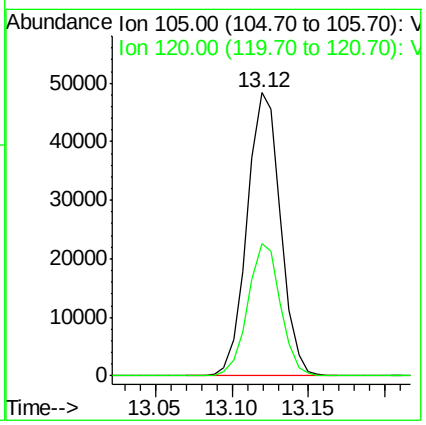


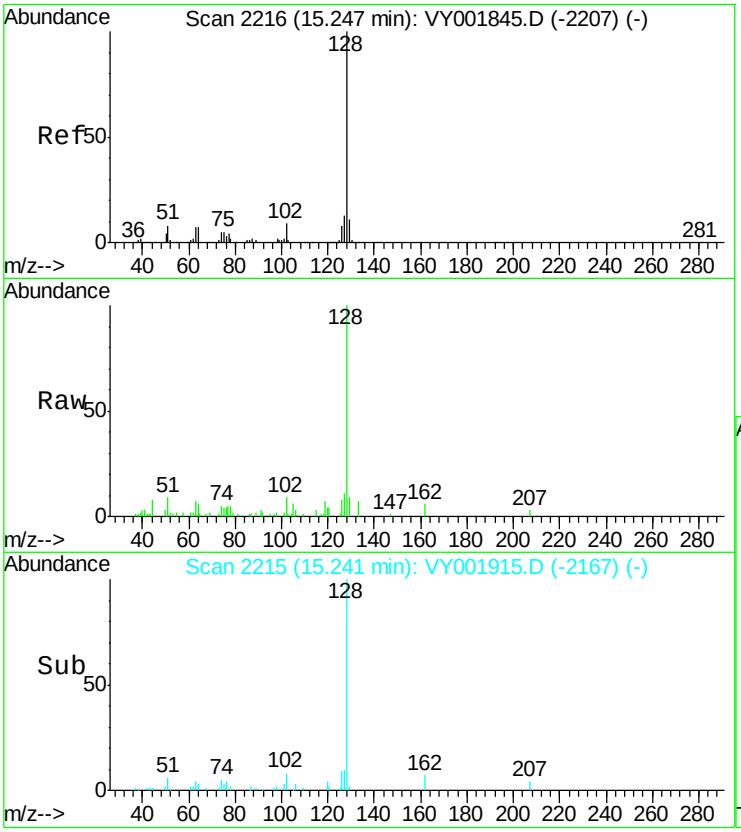


#84
1,2,4-Trimethylbenzene
Concen: 12.628 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Tgt Ion:105 Resp: 73254

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.7





#95
Naphthalene
Concen: 2.901 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001915.D
Acq: 09 Mar 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion:128 Resp: 11951

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	15.1	8.6	13.0#