Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022020\
Data File : VY001725.D
Acq On : 20 Feb 2020 16:04
Operator : SY/MD
Sample : L1624-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : WASTE-2

Quant Time: Feb 21 08:37:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	22831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	38061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	27773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	10288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	9966	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.16%			
35) Dibromofluoromethane	7.74	113	9902	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.84%			
50) Toluene-d8	10.19	98	42080	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.54%			
62) 4-Bromofluorobenzene	12.49	95	11725	35.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.68%			
Target Compounds						Qvalue
52) Toluene	10.25	92	2108	3.161	ug/l	93
67) Ethyl Benzene	11.60	91	6538	6.354	ug/l	95
68) m/p-Xylenes	11.70	106	9389	24.427	ug/l	97
69) o-Xylene	12.03	106	3774	10.328	ug/l	98
78) n-propylbenzene	12.67	91	4141	4.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	5136	7.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	18838	29.125	ug/l	95
95) Naphthalene	15.25	128	7042	15.156	ug/l	98

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

Quantitation Report (QT/LSC Reviewed)

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Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

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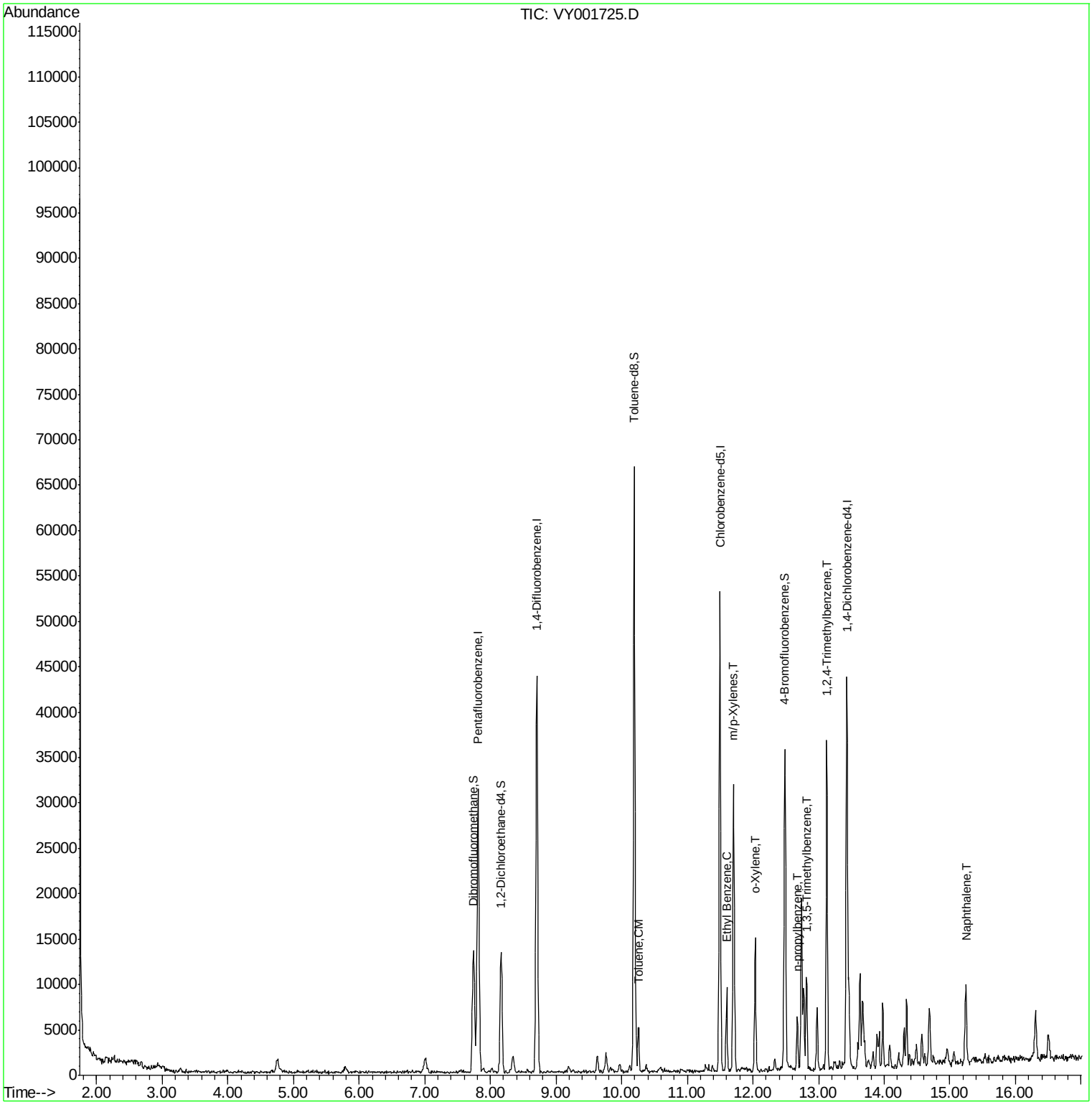
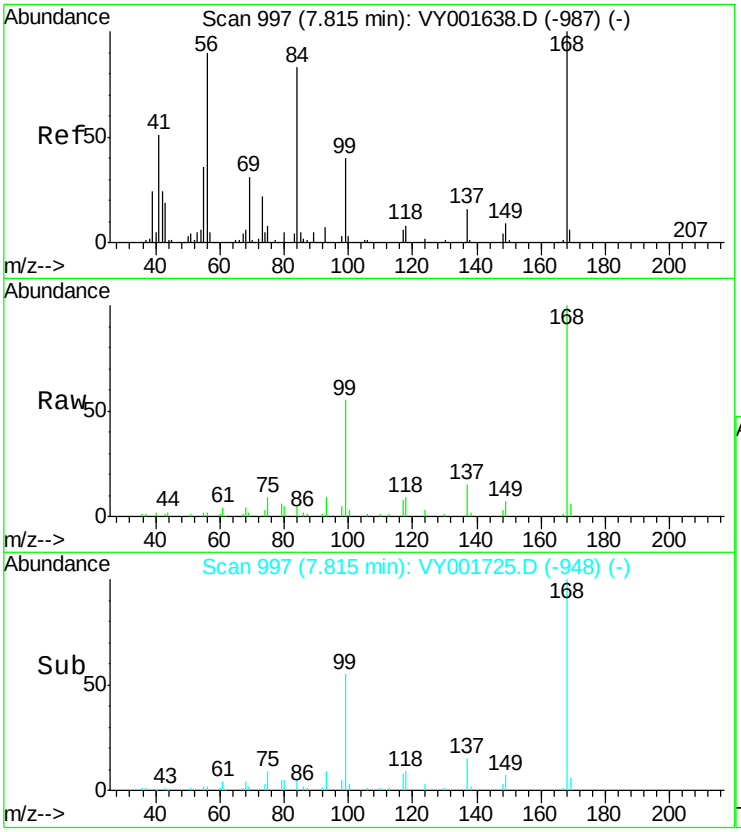
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration



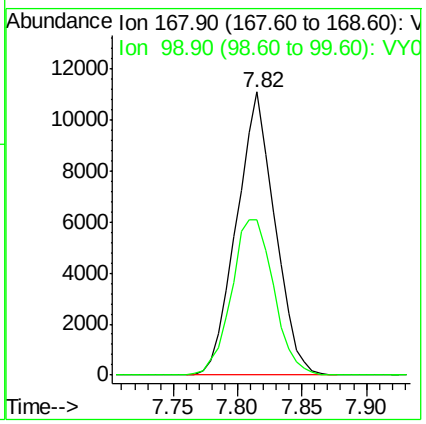


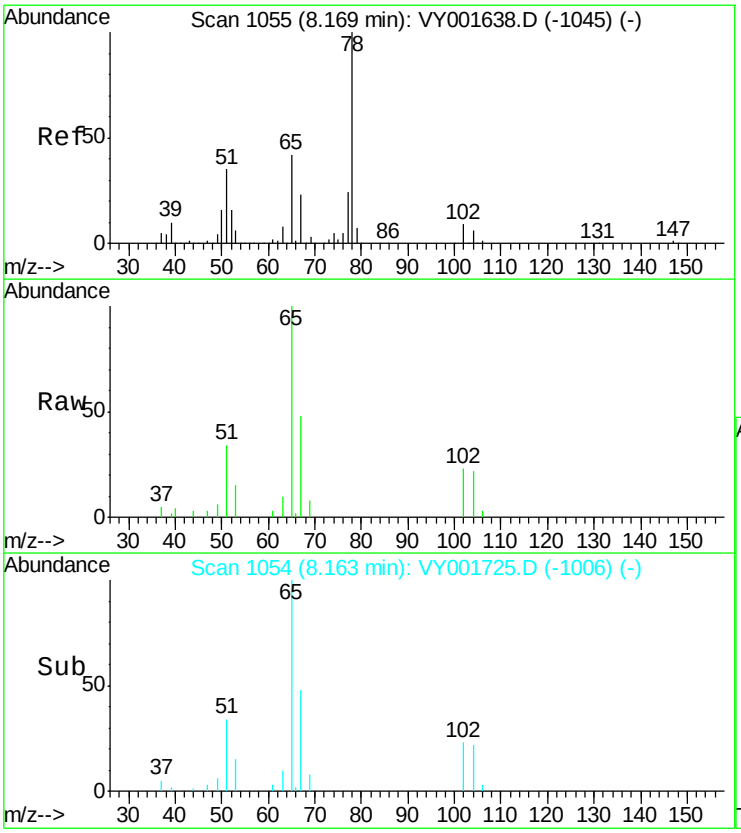
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Tgt Ion:168 Resp: 22831

Ion	Ratio	Lower	Upper
168	100		
99	54.8	47.5	71.3

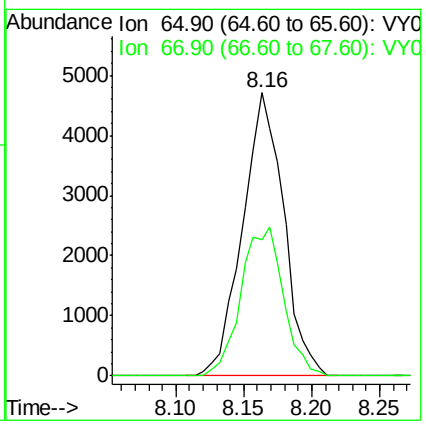


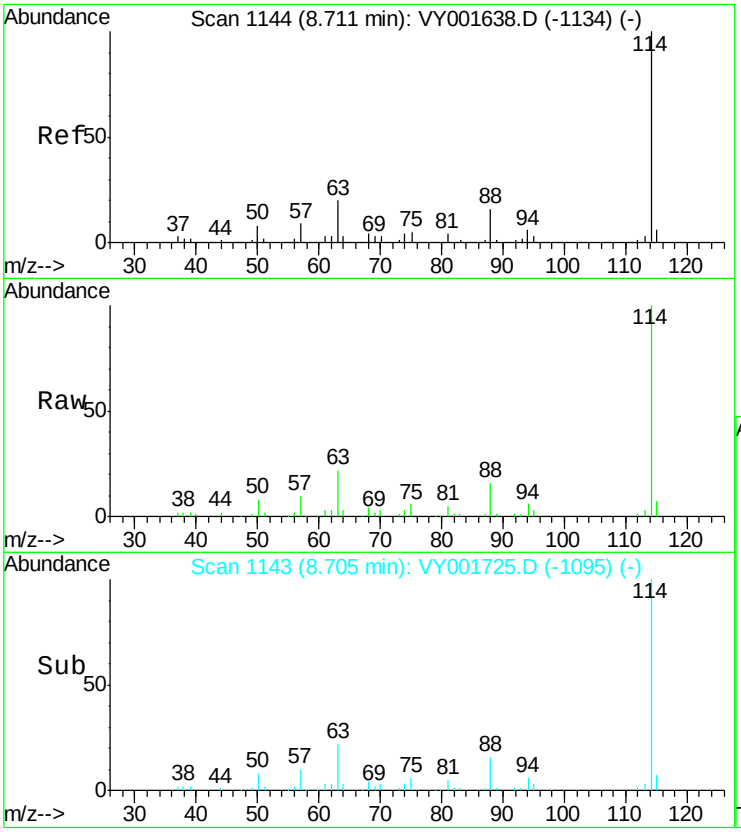


#33
1,2-Dichloroethane-d4
Concen: 40.581 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion: 65 Resp: 9966

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	111.0



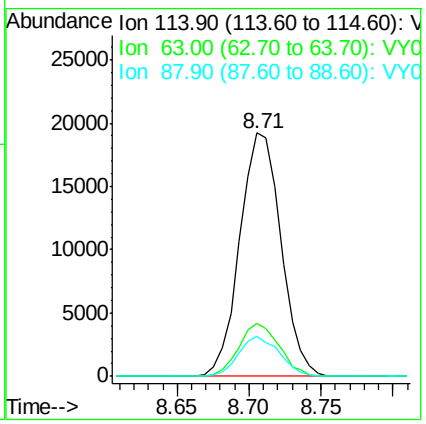


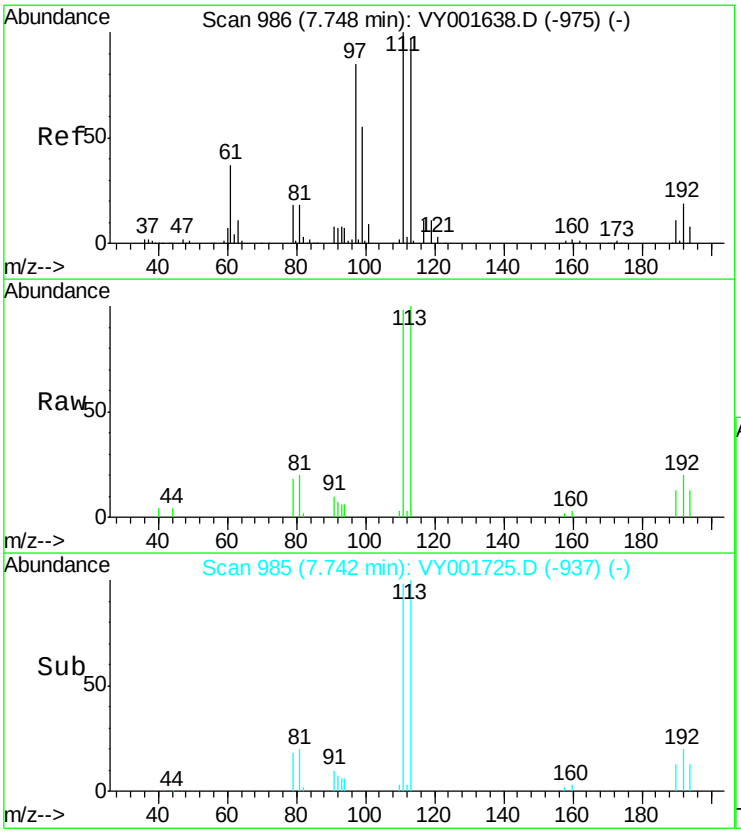
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Tgt Ion:114 Resp: 38061

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.4
88	16.5	0.0	32.8

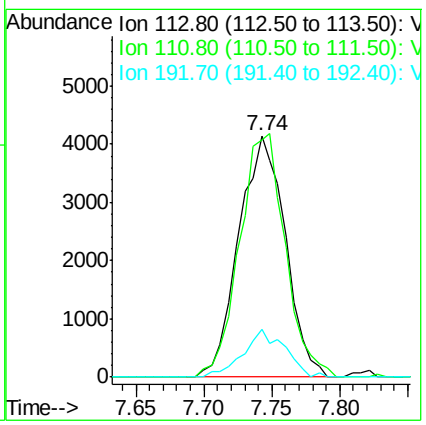


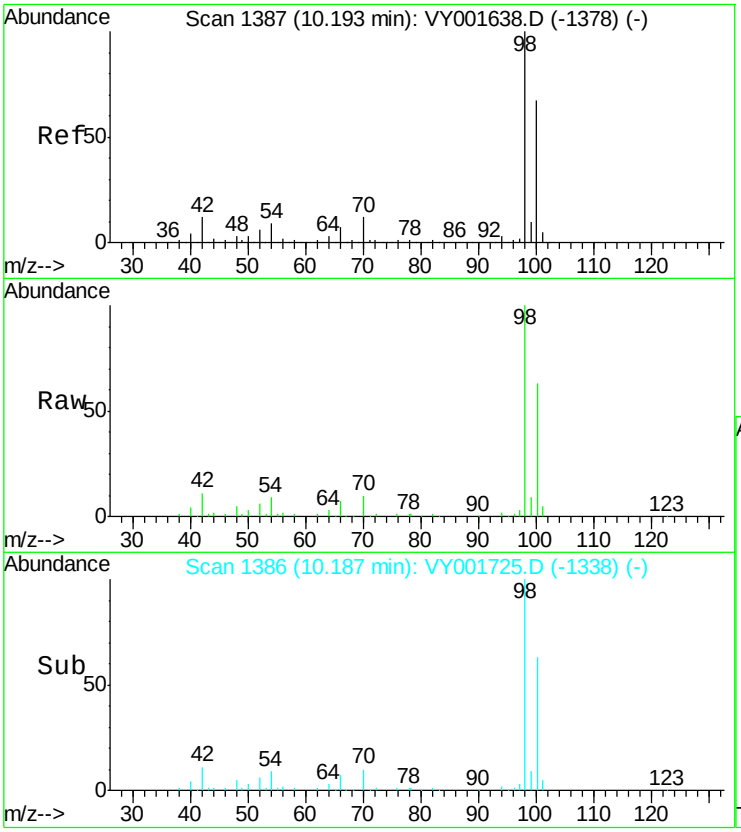


#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion:113 Resp: 9902

Ion	Ratio	Lower	Upper
113	100		
111	98.9	81.9	122.9
192	17.8	14.3	21.5



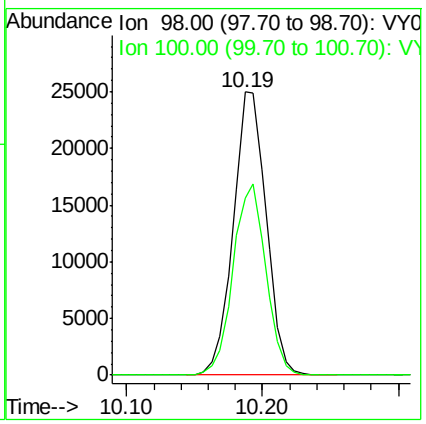


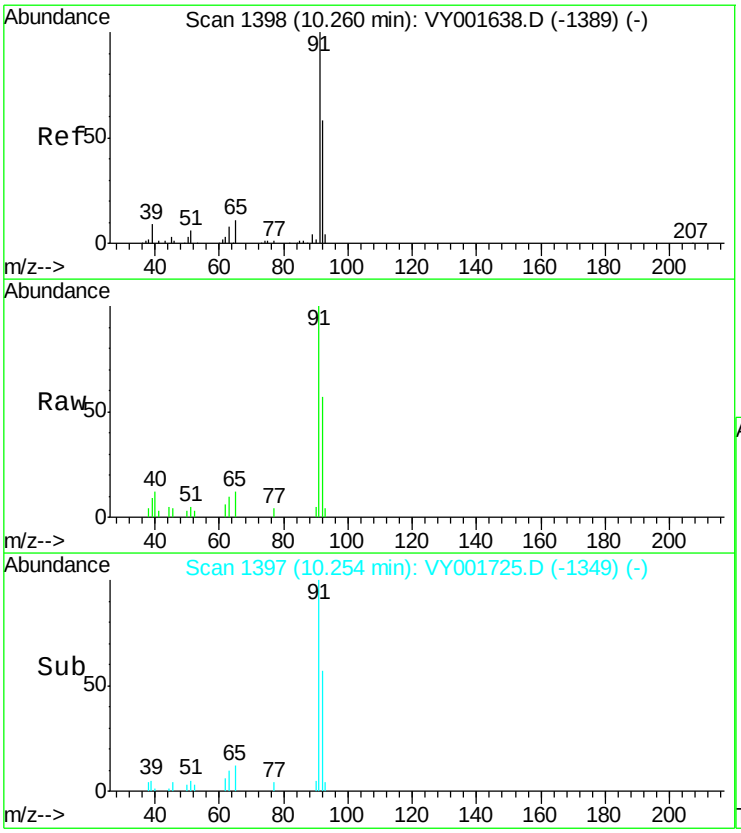
#50
Toluene-d8
Concen: 49.271 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument : MSVOA_Y
ClientSampleId : WASTE-2

Tgt Ion: 98 Resp: 42080

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

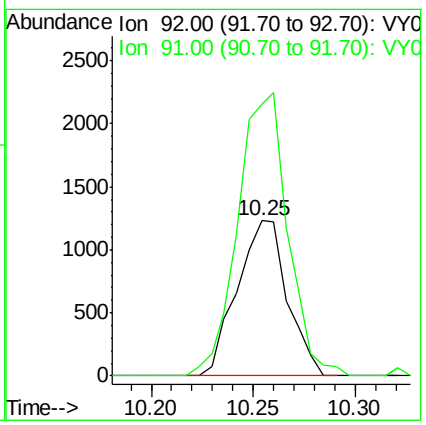


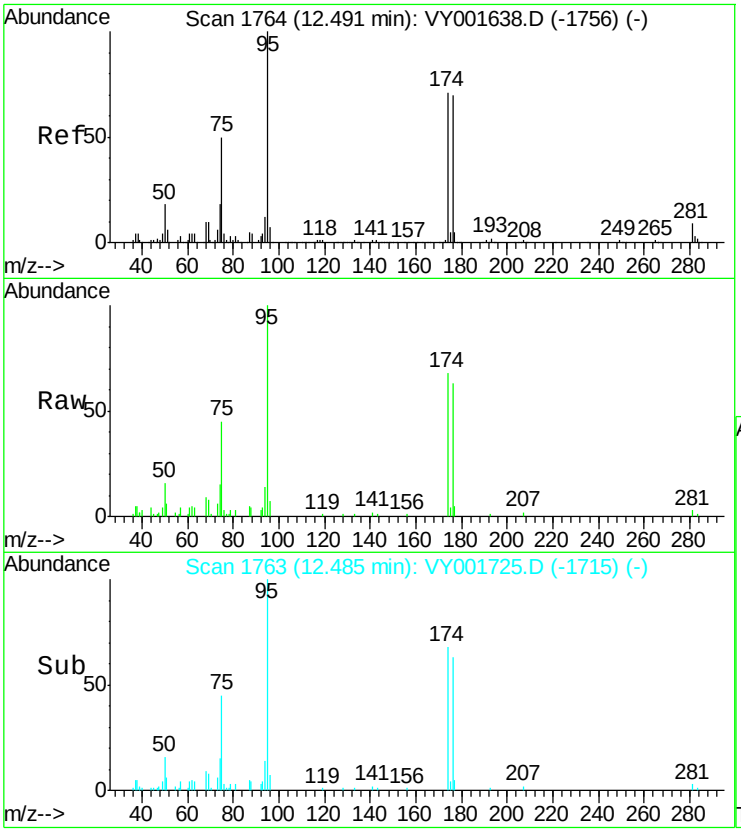


#52
Toluene
Concen: 3.161 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion: 92 Resp: 2108

Ion	Ratio	Lower	Upper
92	100		
91	181.6	137.0	205.6



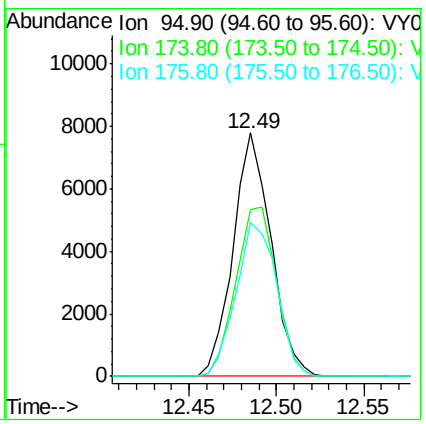


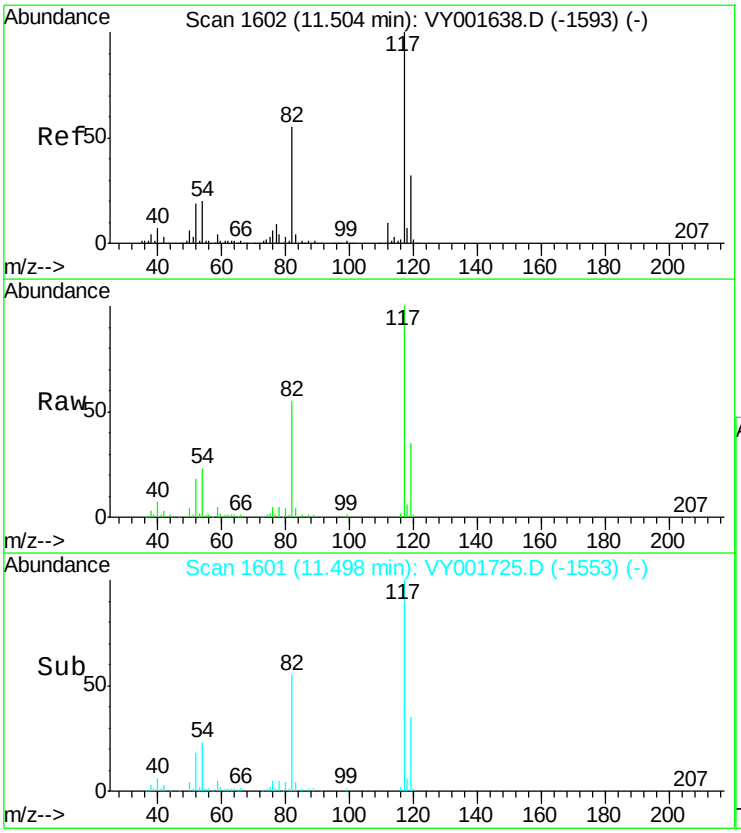
#62
4-Bromofluorobenzene
Concen: 35.339 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Tgt Ion: 95 Resp: 11725

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	138.4
176	68.0	0.0	131.8

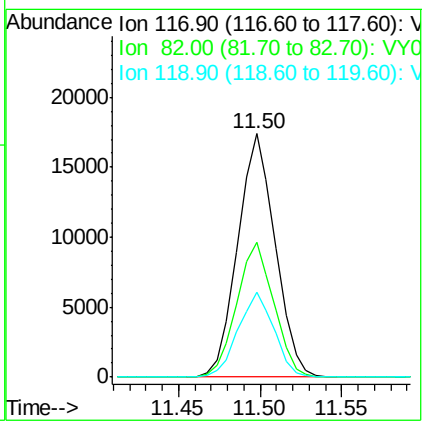


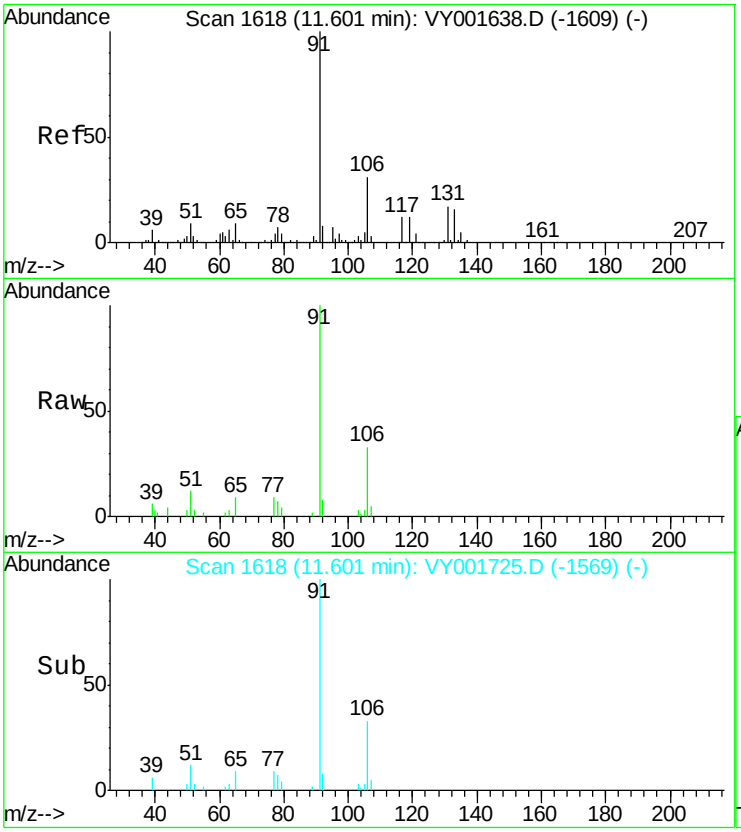


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion:117 Resp: 27773

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.5	68.3
119	34.7	25.8	38.6



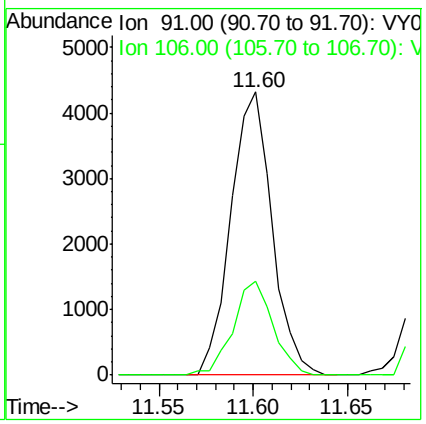


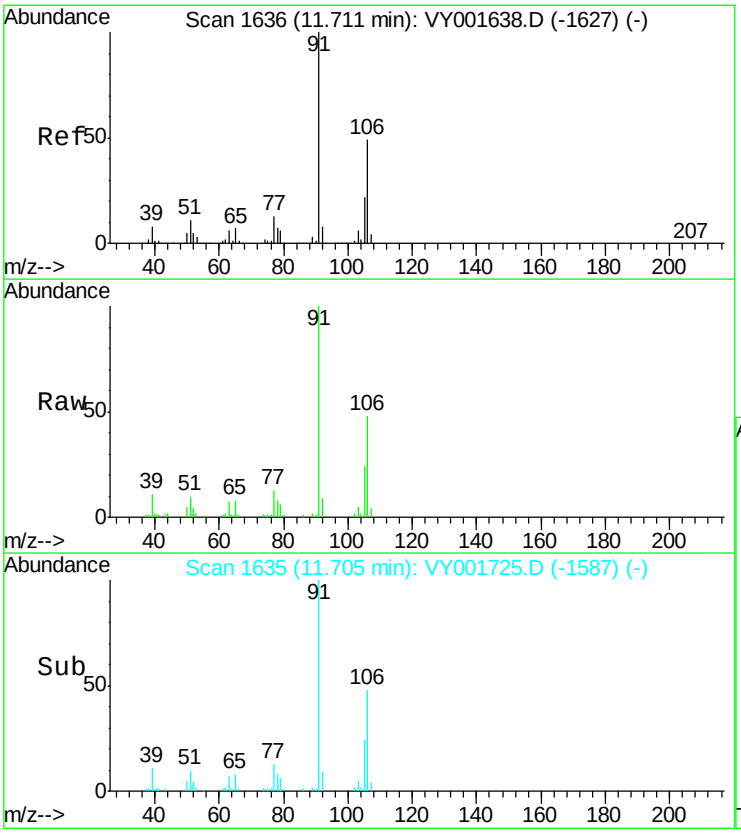
#67
Ethyl Benzene
Concen: 6.354 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument : MSVOA_Y
ClientSampleId : WASTE-2

Tgt Ion: 91 Resp: 6538

Ion	Ratio	Lower	Upper
91	100		
106	33.3	24.5	36.7

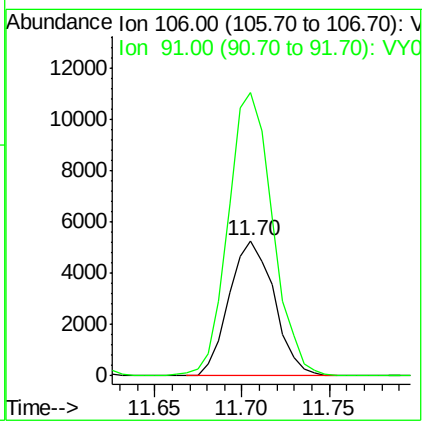


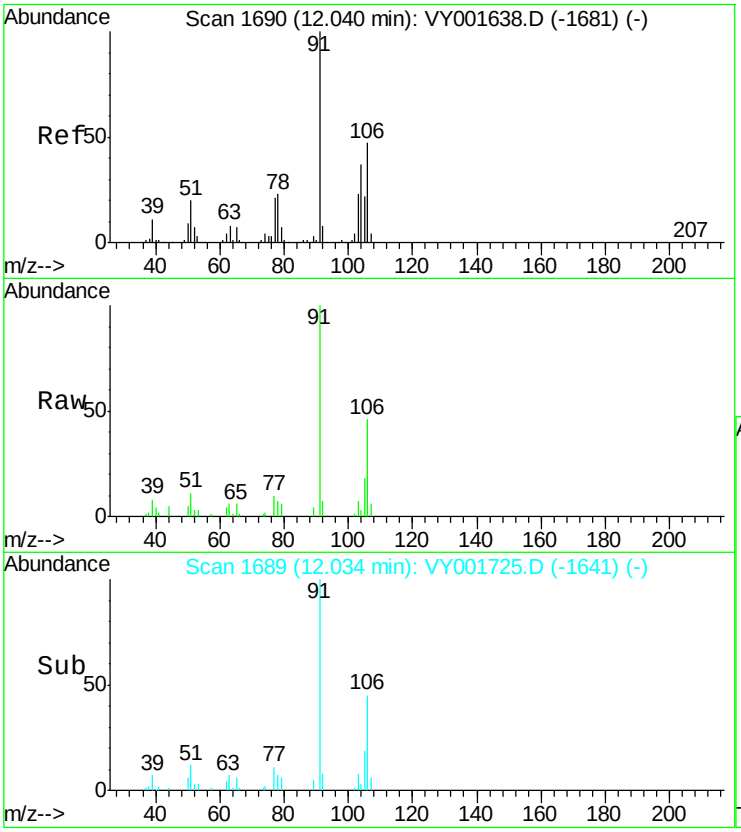


#68
m/p-Xylenes
Concen: 24.427 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion:106 Resp: 9389

Ion	Ratio	Lower	Upper
106	100		
91	208.3	163.3	244.9



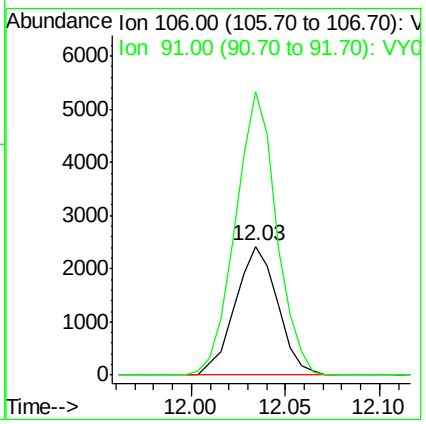


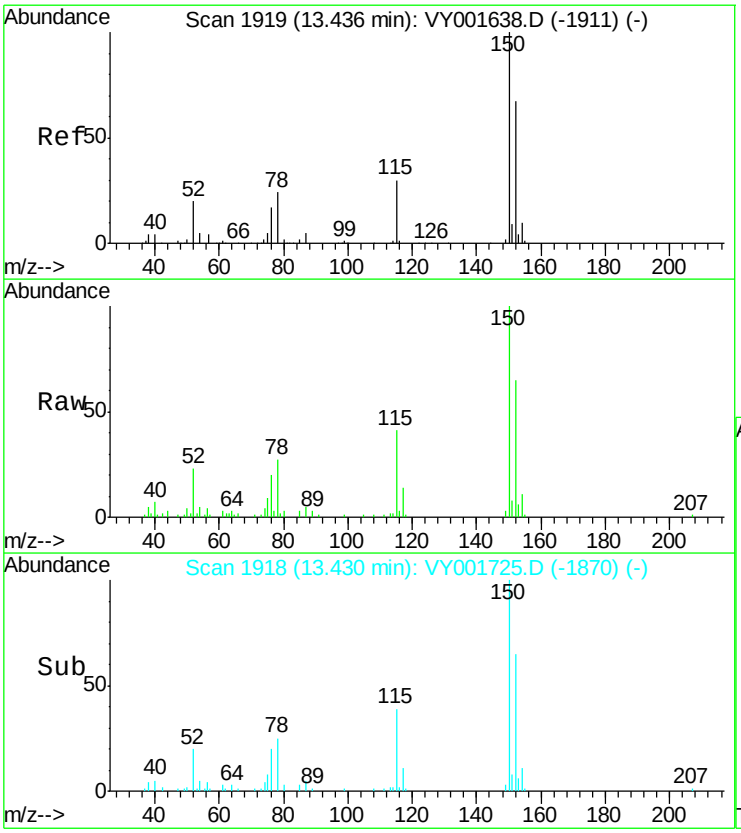
#69
o-Xylene
Concen: 10.328 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Tgt Ion:106 Resp: 3774

Ion	Ratio	Lower	Upper
106	100		
91	213.0	108.3	324.9

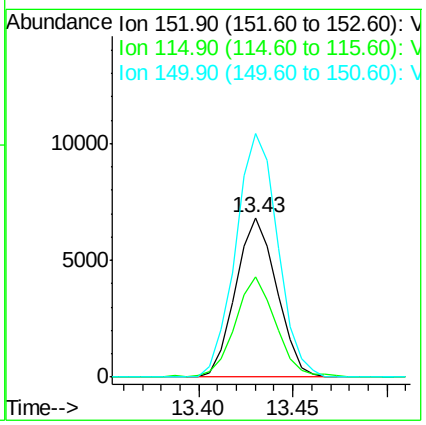


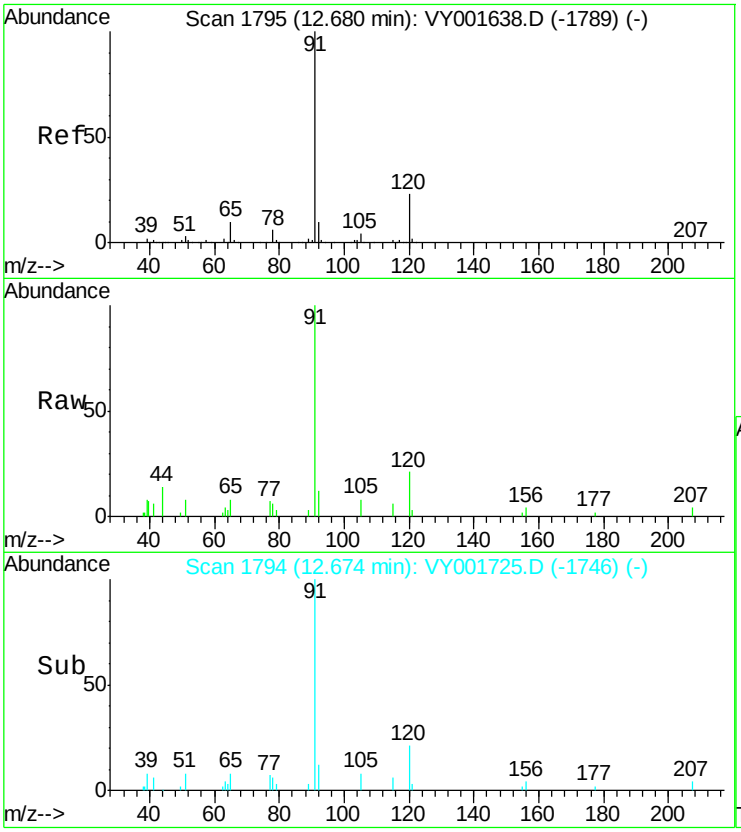


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion:152 Resp: 10288

Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.4	94.2
150	156.3	0.0	407.2



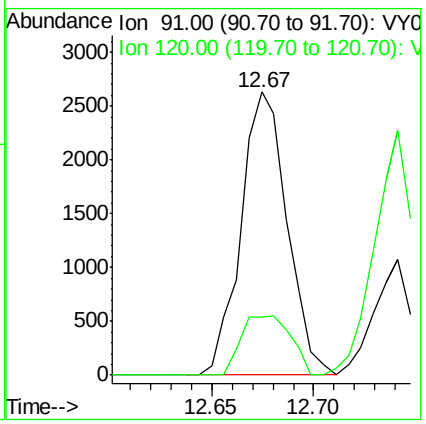


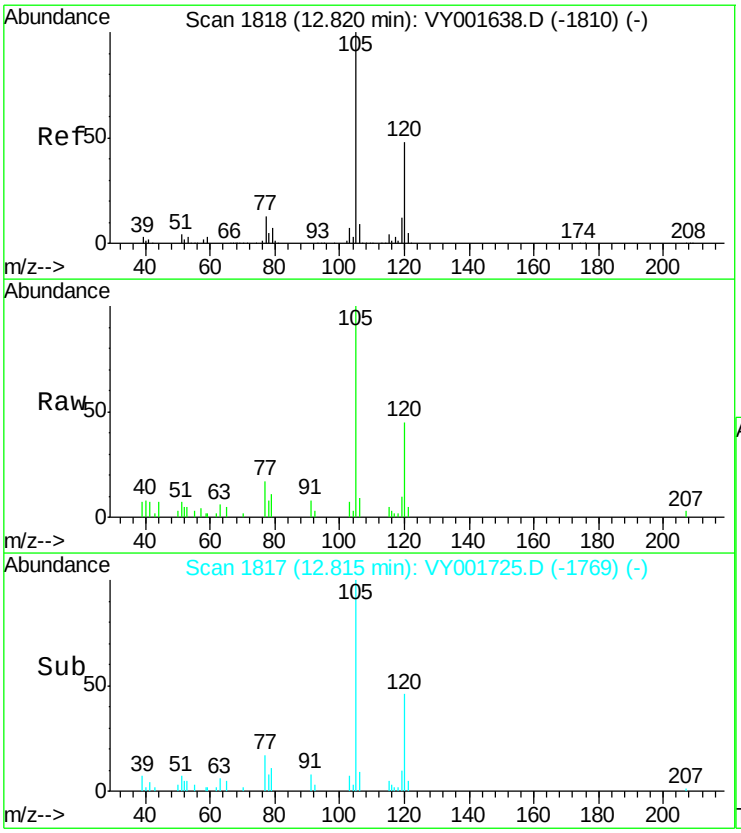
#78
n-propylbenzene
Concen: 4.338 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Tgt Ion: 91 Resp: 4141

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1

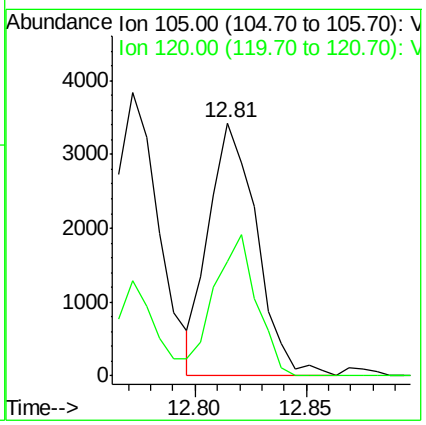


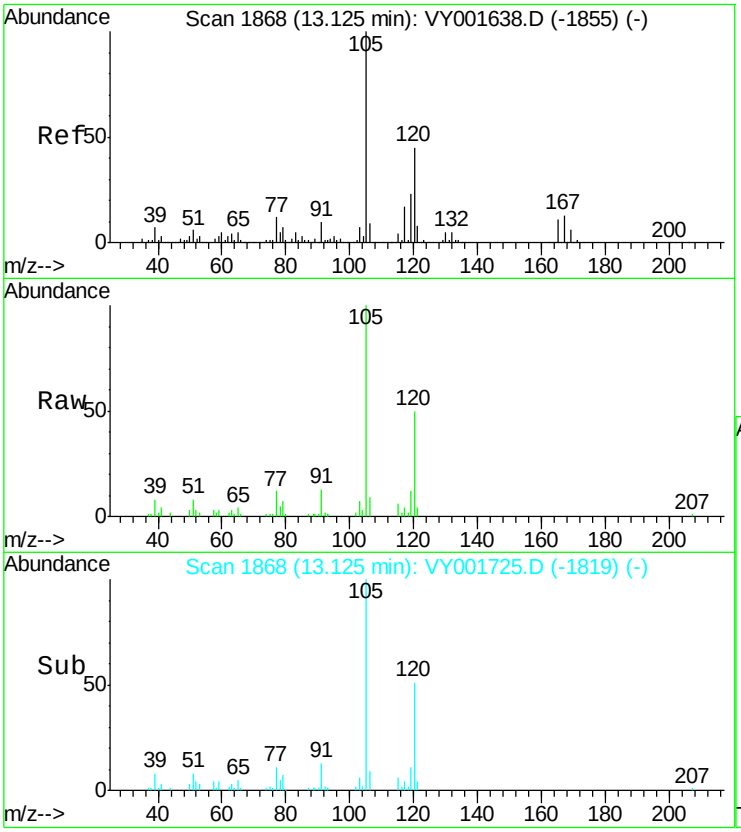


#80
1,3,5-Trimethylbenzene
Concen: 7.916 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion:105 Resp: 5136

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.3	72.9



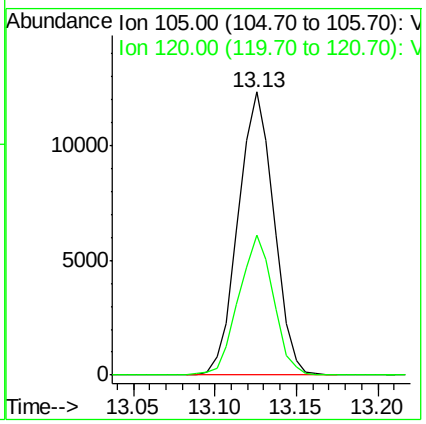


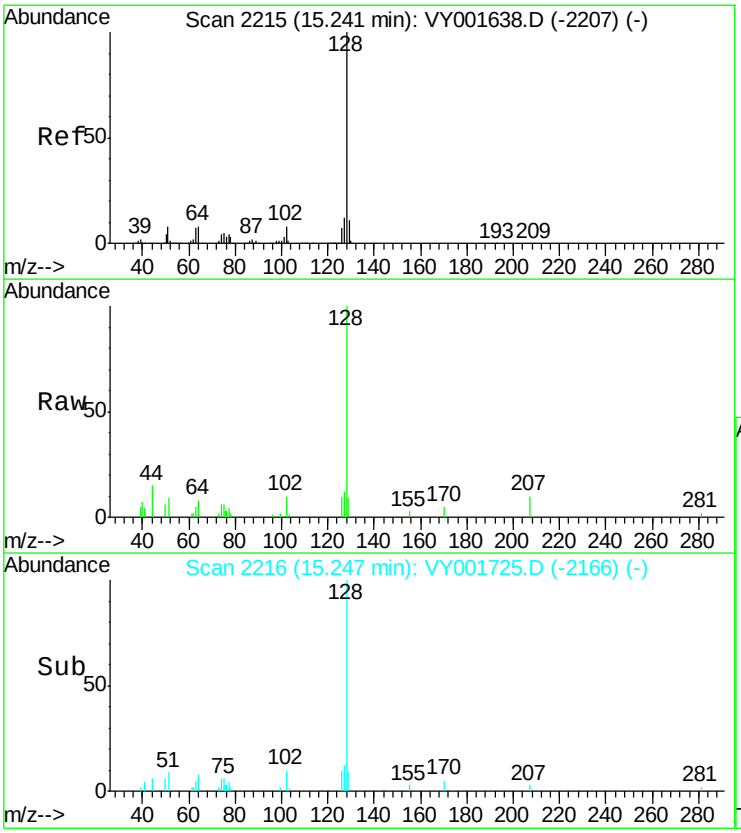
#84
1,2,4-Trimethylbenzene
Concen: 29.125 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-2

Tgt Ion:105 Resp: 18838

Ion	Ratio	Lower	Upper
105	100		
120	48.3	22.4	67.3





#95
Naphthalene
Concen: 15.156 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001725.D
Acq: 20 Feb 2020 16:04

Tgt Ion:128 Resp: 7042

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	11.4	8.6	13.0