Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
Data File : VY001476.D
Acq On : 03 Feb 2020 16:29
Operator : SY/MD
Sample : L1383-01
Misc : 6.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-A

Quant Time: Feb 04 07:35:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	205453	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	370752	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	335771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	149936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	117968	52.77	ug/l	-0.01
Spiked Amount 50.000			Recovery = 105.54%			
35) Dibromofluoromethane	7.74	113	112729	51.81	ug/l	-0.01
Spiked Amount 50.000			Recovery = 103.62%			
50) Toluene-d8	10.19	98	441778	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.52%			
62) 4-Bromofluorobenzene	12.49	95	168048	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%			
Target Compounds						Qvalue
16) Acetone	3.97	43	7939	6.085	ug/l	100
20) Methylene Chloride	4.74	84	15218	1.392	ug/l	99
39) Methylcyclohexane	9.19	83	6164	1.374	ug/l	92
67) Ethyl Benzene	11.60	91	19442	1.491	ug/l	100
68) m/p-Xylenes	11.70	106	21147	4.341	ug/l	99
78) n-propylbenzene	12.67	91	50344	3.535	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	44706	4.527	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	145072	14.632	ug/l	100
89) n-Butylbenzene	13.70	91	26049	2.483	ug/l #	81
95) Naphthalene	15.24	128	211777	29.648	ug/l	99

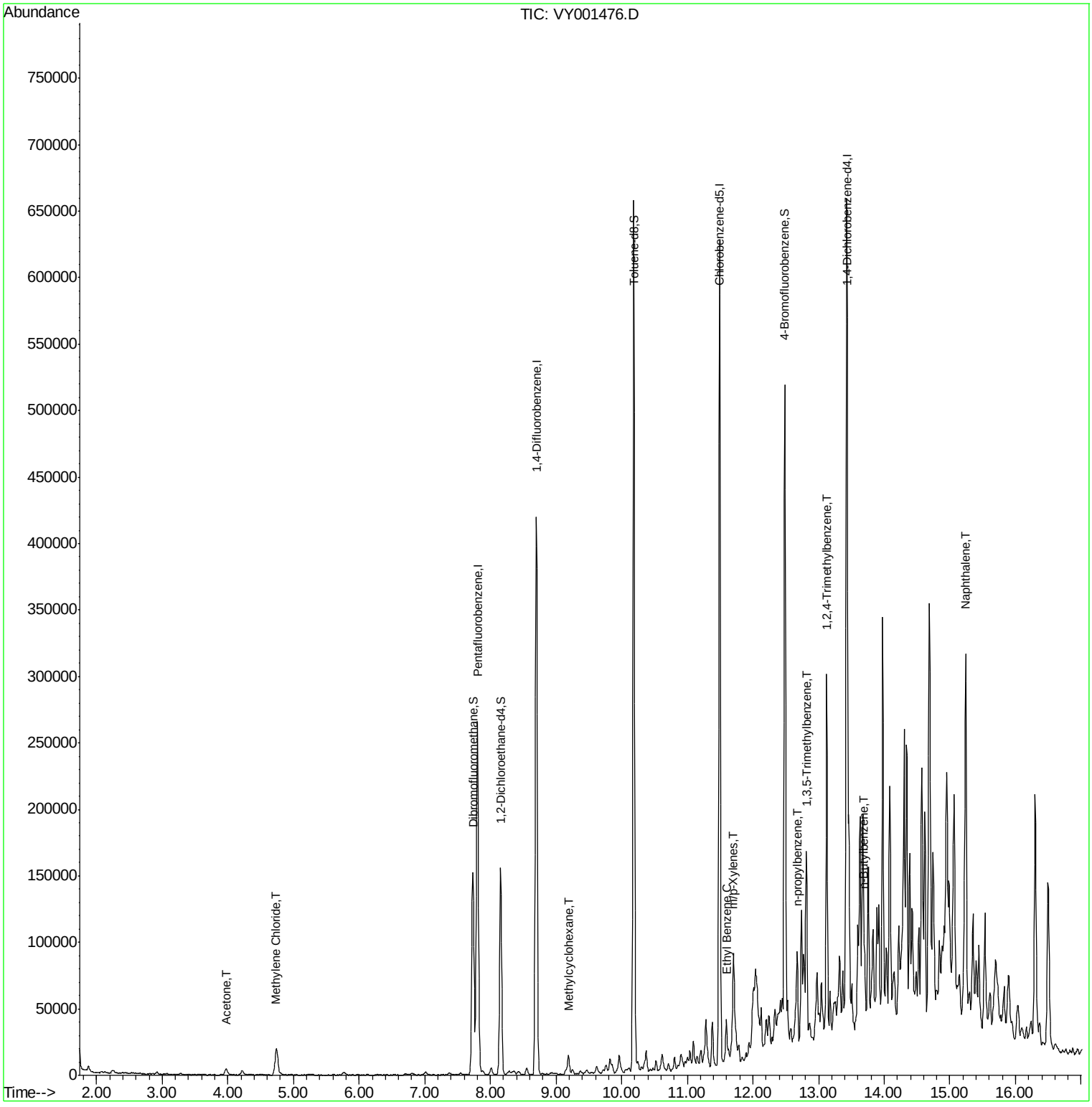
(#) = qualifier out of range (m) = manual integration (+) = signals summed

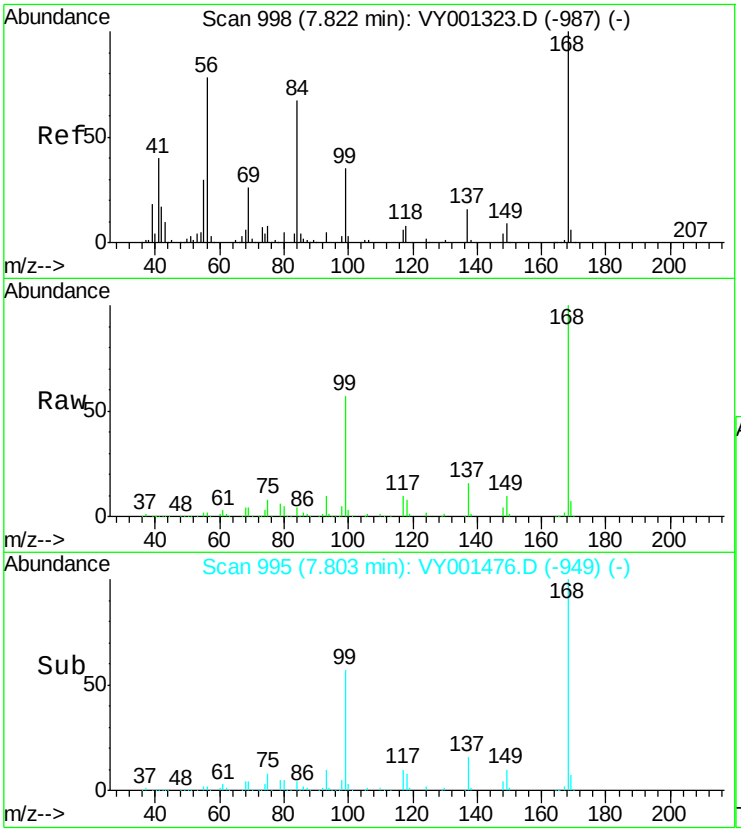
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020320\
Data File : VY001476.D
Acq On : 03 Feb 2020 16:29
Operator : SY/MD
Sample : L1383-01
Misc : 6.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-A

Quant Time: Feb 04 07:35:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration



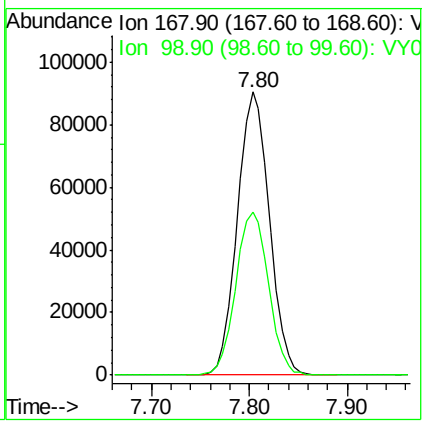


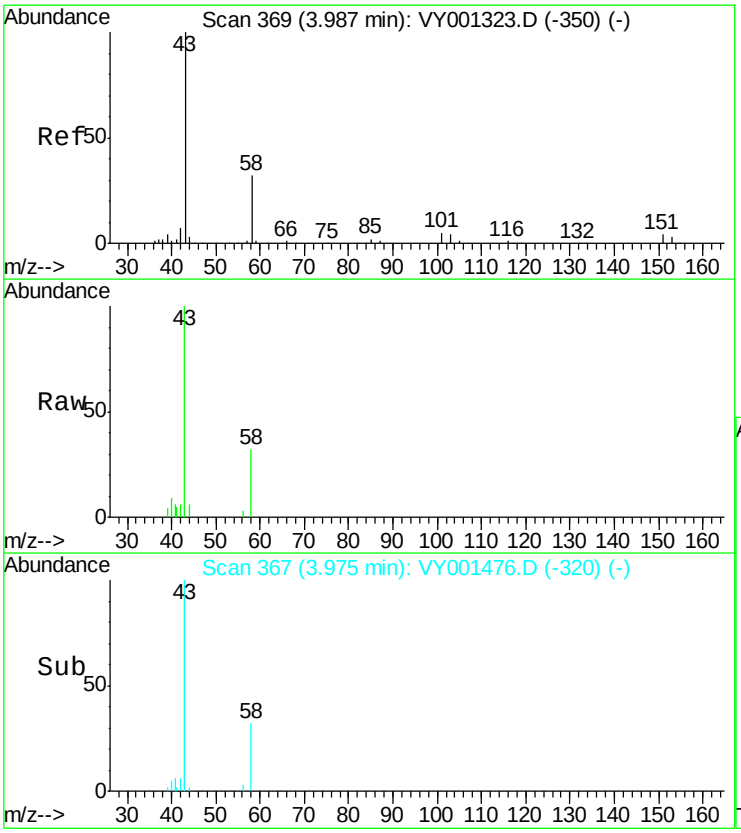
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.02 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument : MSVOA_Y
ClientSampleId : TP-A

Tgt Ion:168 Resp: 205453

Ion	Ratio	Lower	Upper
168	100		
99	57.4	44.3	66.5

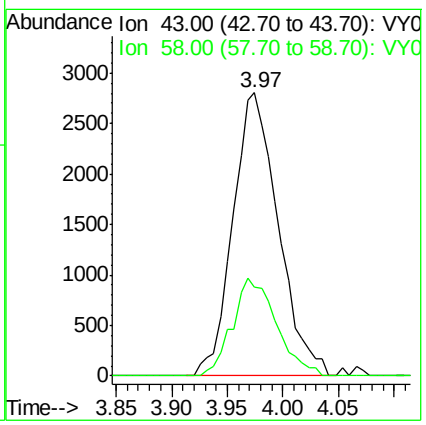


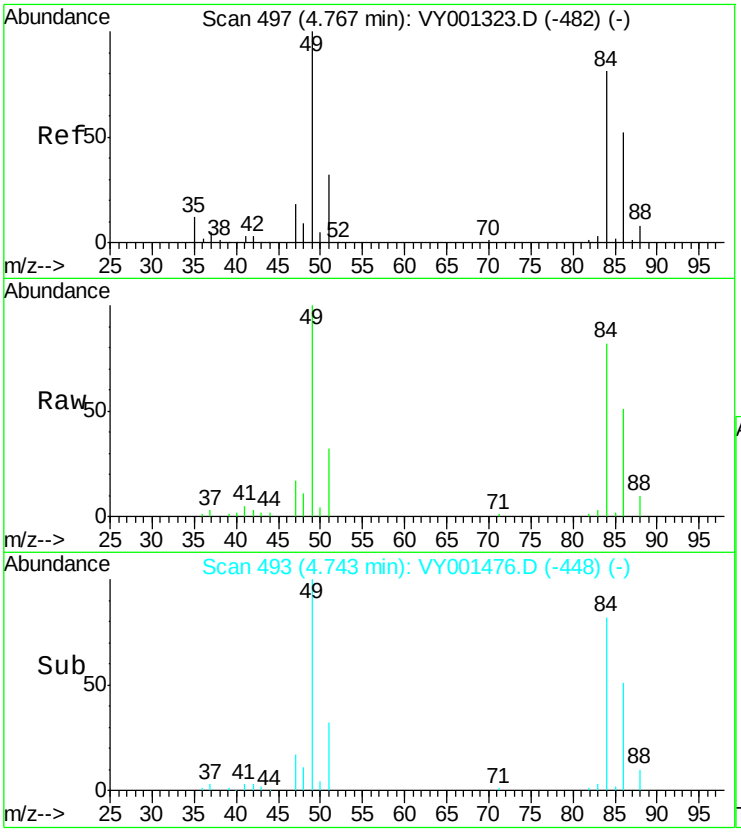


#16
Acetone
Concen: 6.085 ug/l
RT: 3.97 min Scan# 367
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion: 43 Resp: 7939

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.4	38.0



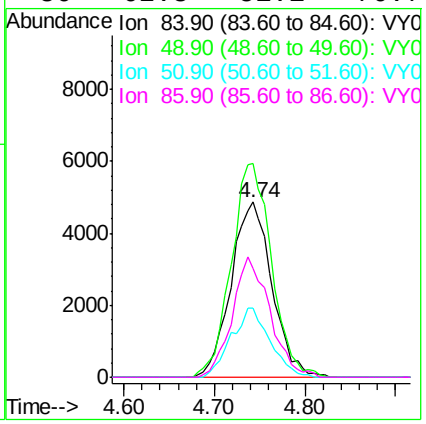


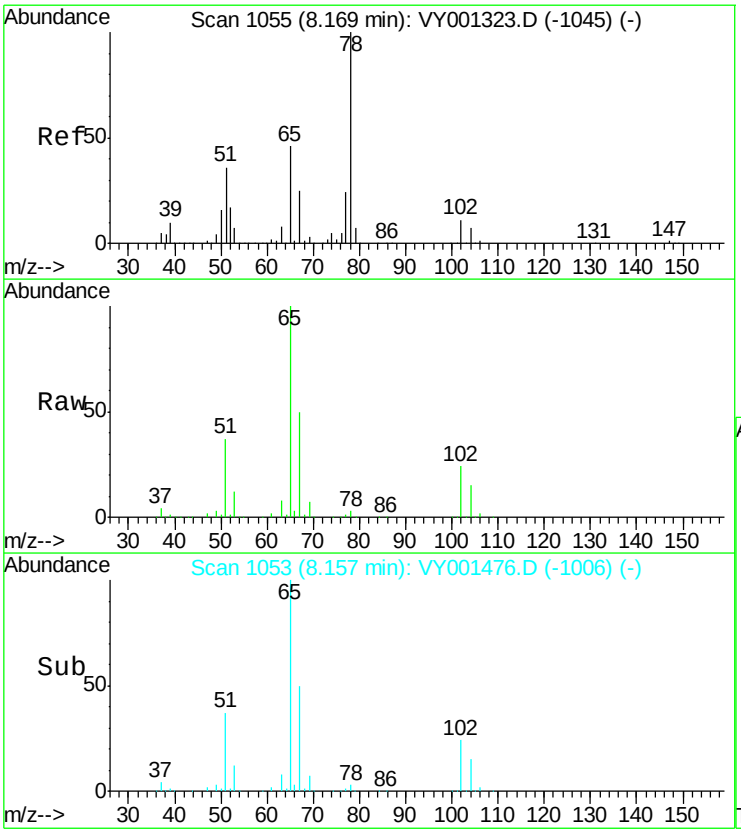
#20
Methylene Chloride
Concen: 1.392 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument : MSVOA_Y
ClientSampleId : TP-A

Tgt Ion: 84 Resp: 15218

Ion	Ratio	Lower	Upper
84	100		
49	122.1	98.3	147.5
51	39.5	31.6	47.4
86	62.3	51.1	76.7

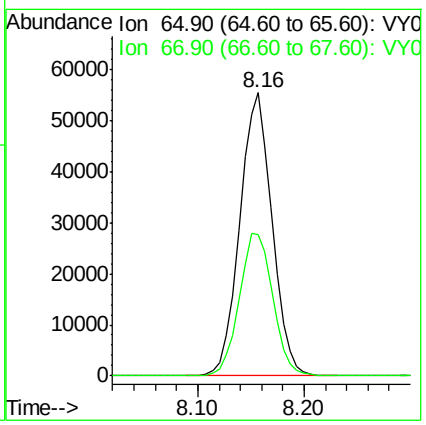


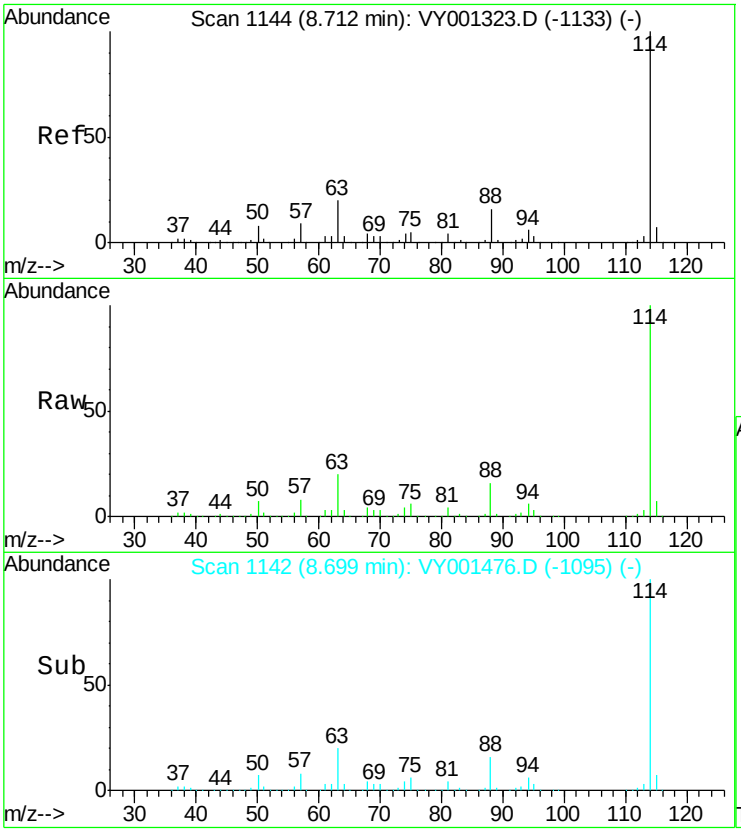


#33
1,2-Dichloroethane-d4
Concen: 52.768 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion: 65 Resp: 117968

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	108.6



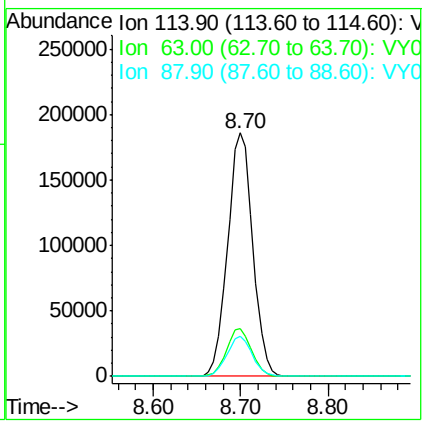


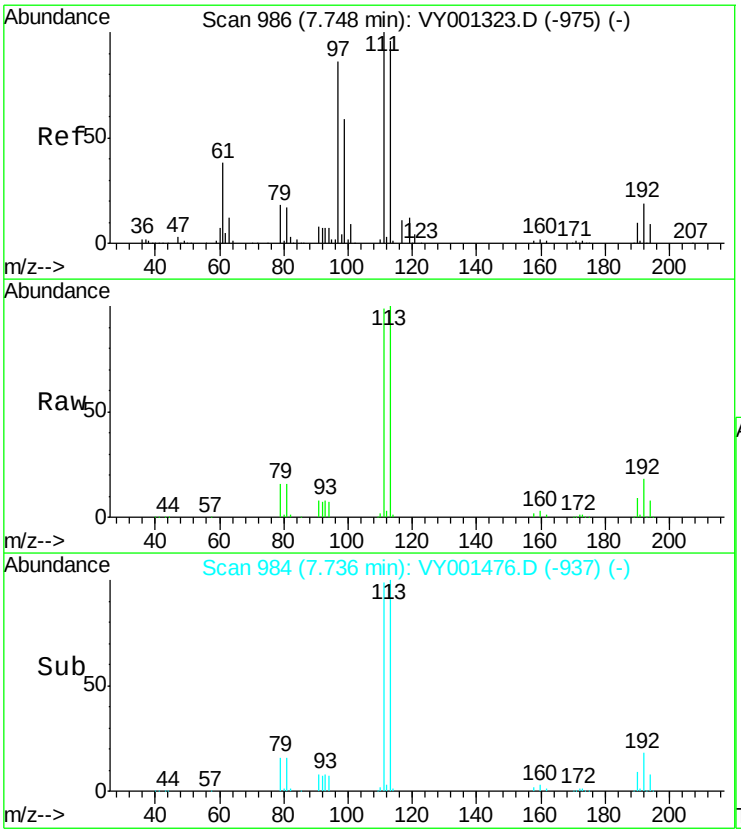
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-A

Tgt Ion:114 Resp: 370752

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	16.3	0.0	31.0

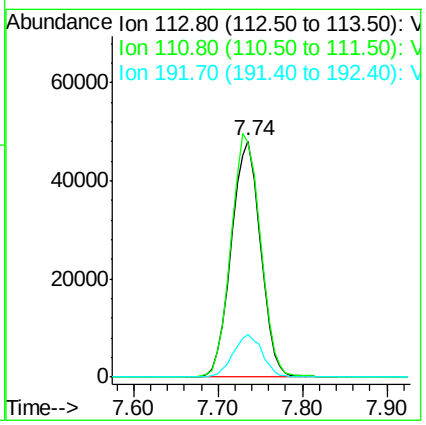


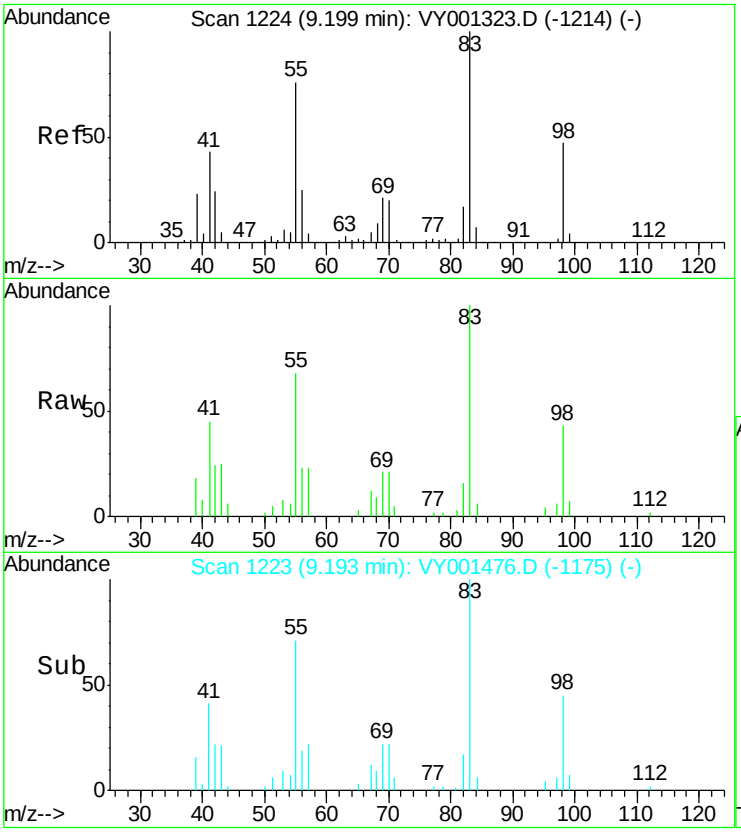


#35
Dibromofluoromethane
Concen: 51.806 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion:113 Resp: 112729

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.8	124.2
192	18.0	15.5	23.3



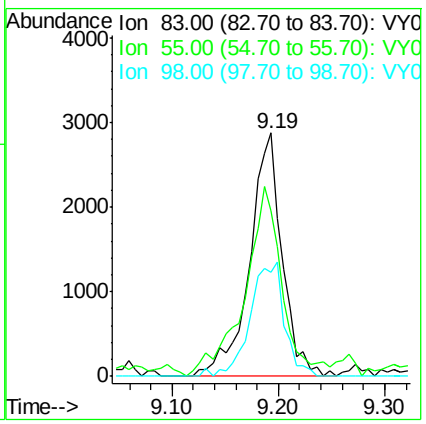


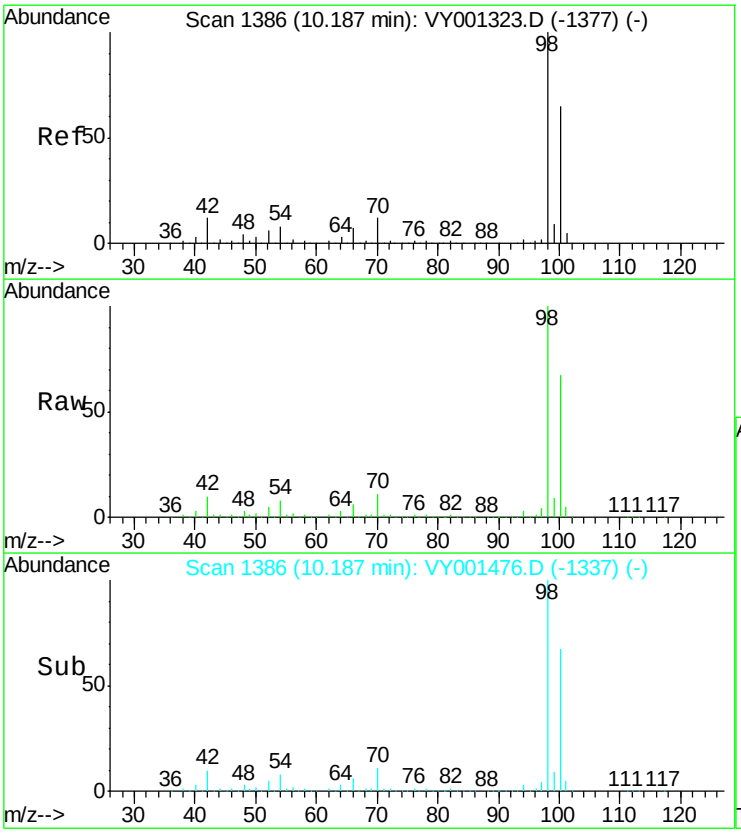
#39
Methylcyclohexane
Concen: 1.374 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument : MSVOA_Y
ClientSampleId : TP-A

Tgt Ion: 83 Resp: 6164

Ion	Ratio	Lower	Upper
83	100		
55	68.1	60.7	91.1
98	43.0	37.8	56.8

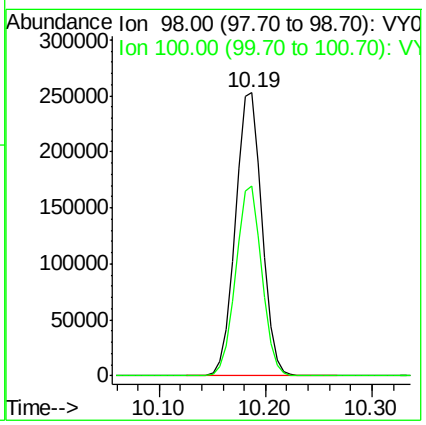


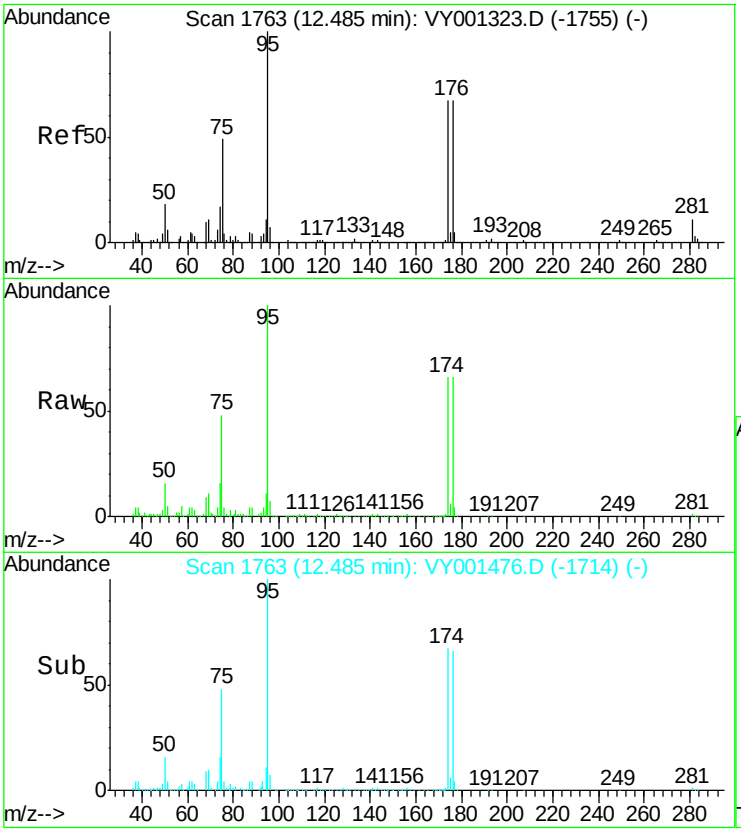


#50
Toluene-d8
Concen: 52.256 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion: 98 Resp: 441778

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0



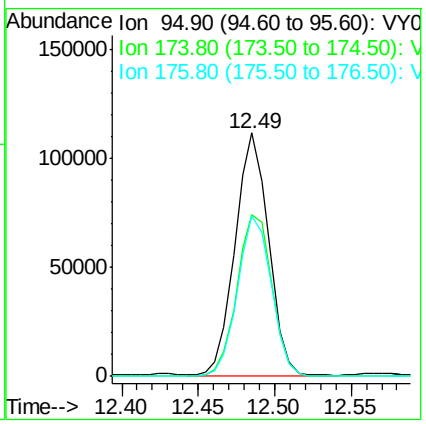


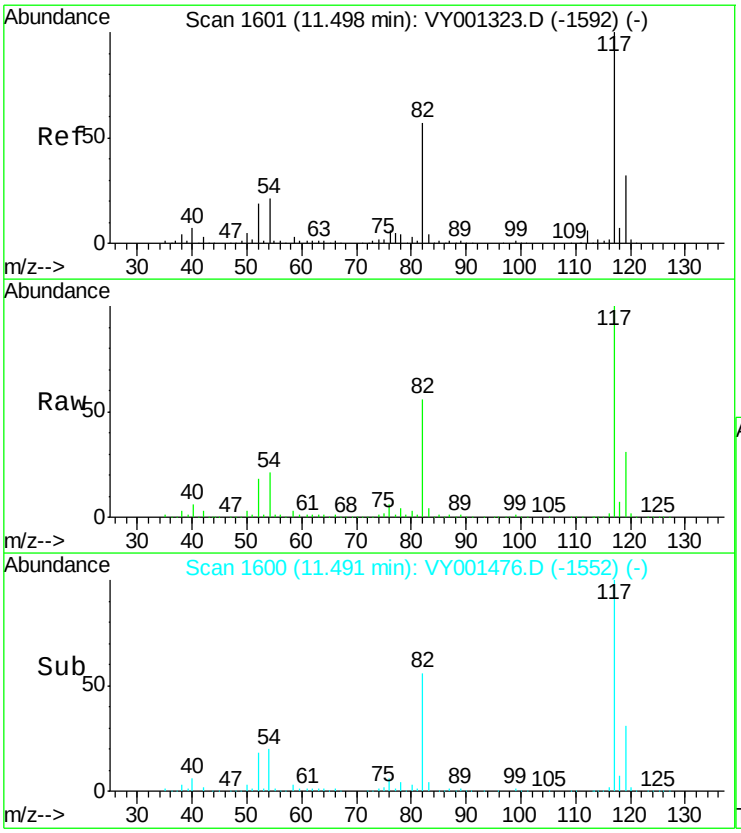
#62
4-Bromofluorobenzene
Concen: 49.914 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-A

Tgt Ion: 95 Resp: 168048

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	142.0
176	67.2	0.0	138.6

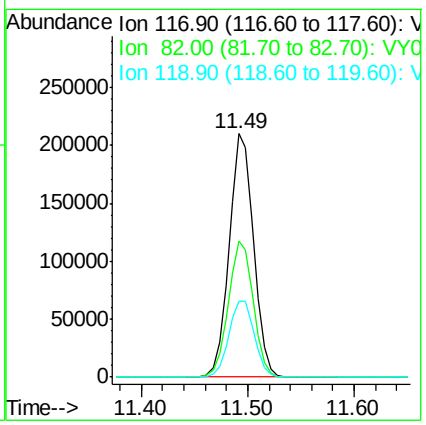


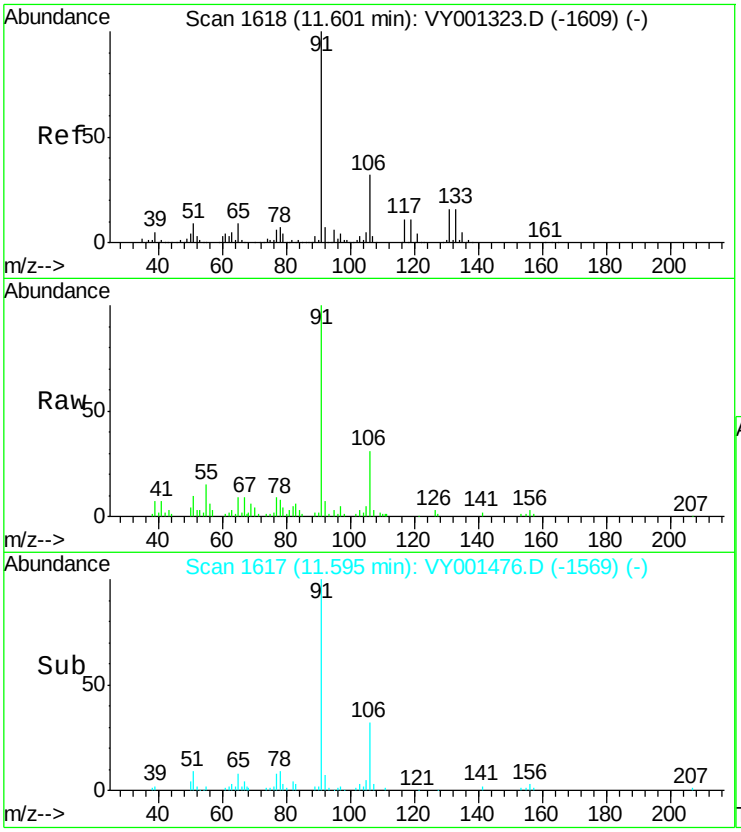


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion:117 Resp: 335771

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.5	68.3
119	31.0	25.8	38.6



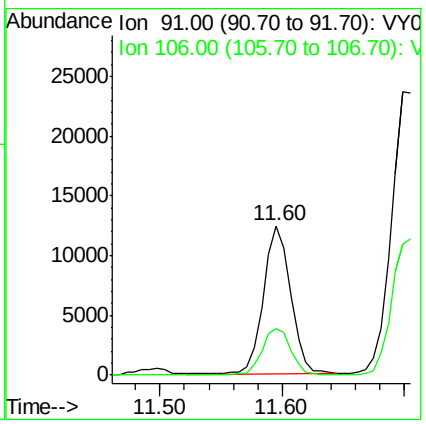


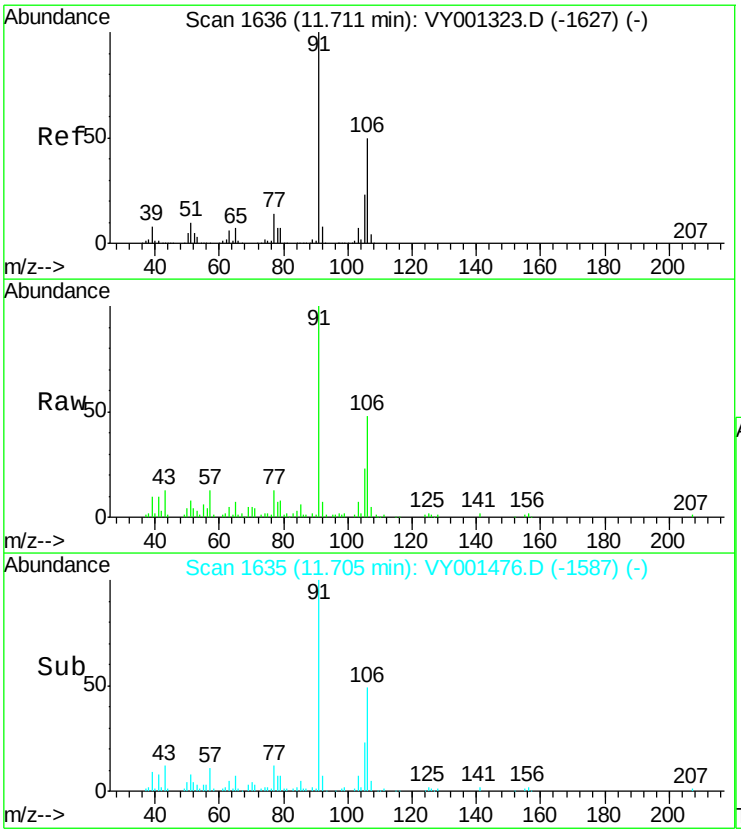
#67
Ethyl Benzene
Concen: 1.491 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument : MSVOA_Y
ClientSampleId : TP-A

Tgt Ion: 91 Resp: 19442

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.4	38.0

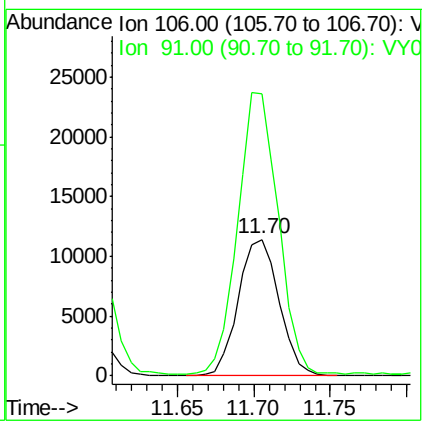


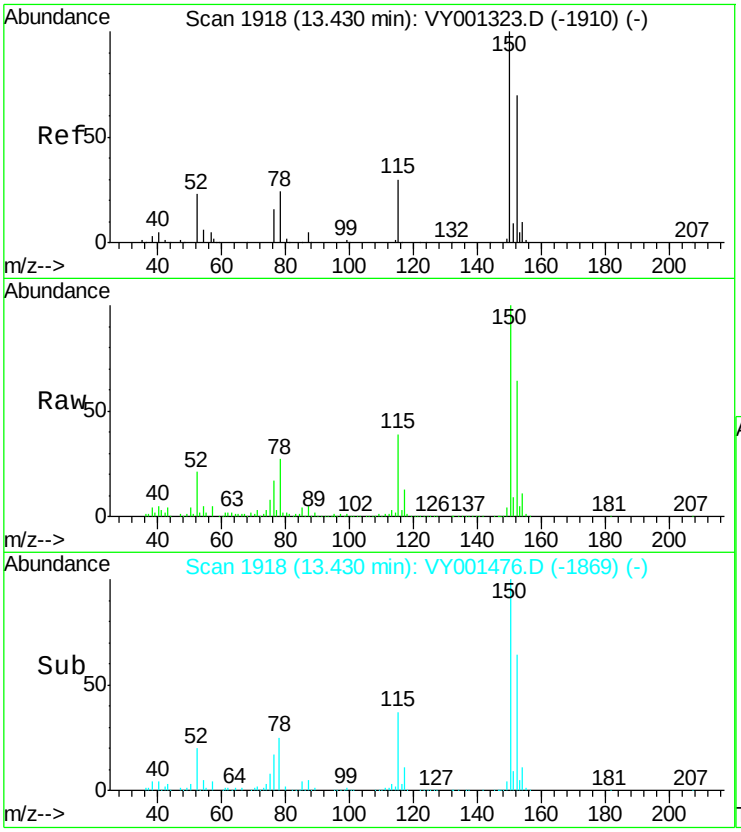


#68
m/p-Xylenes
Concen: 4.341 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion:106 Resp: 21147

Ion	Ratio	Lower	Upper
106	100		
91	204.4	162.8	244.2



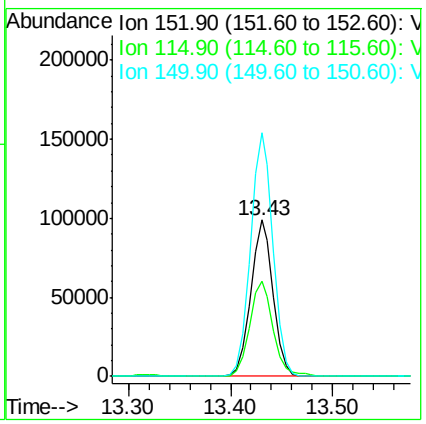


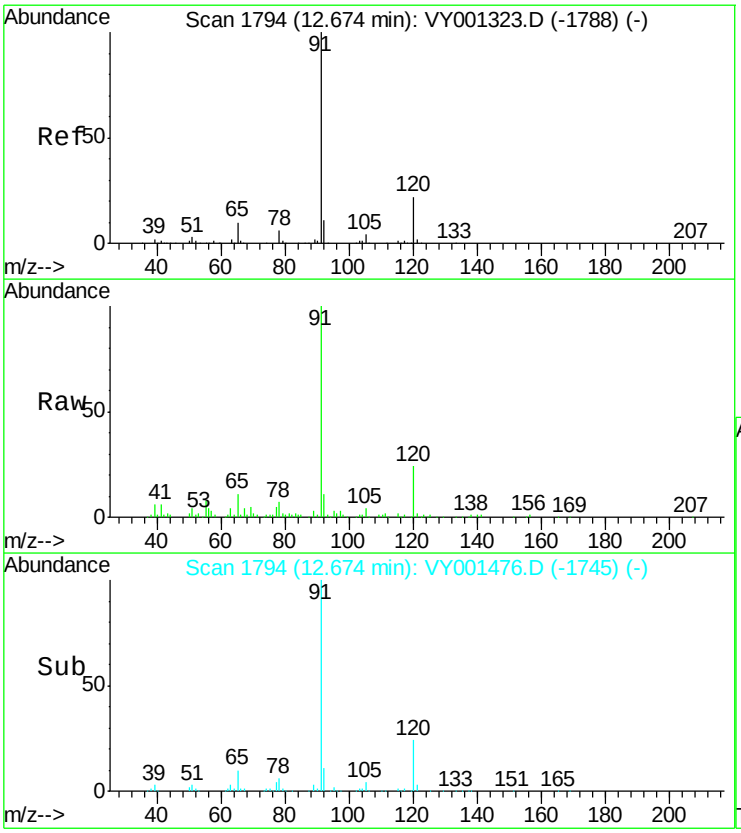
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument : MSVOA_Y
ClientSampleId : TP-A

Tgt Ion:152 Resp: 149936

Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.9	92.8
150	157.2	0.0	349.2

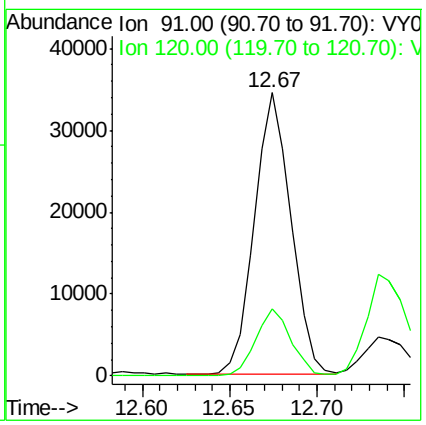


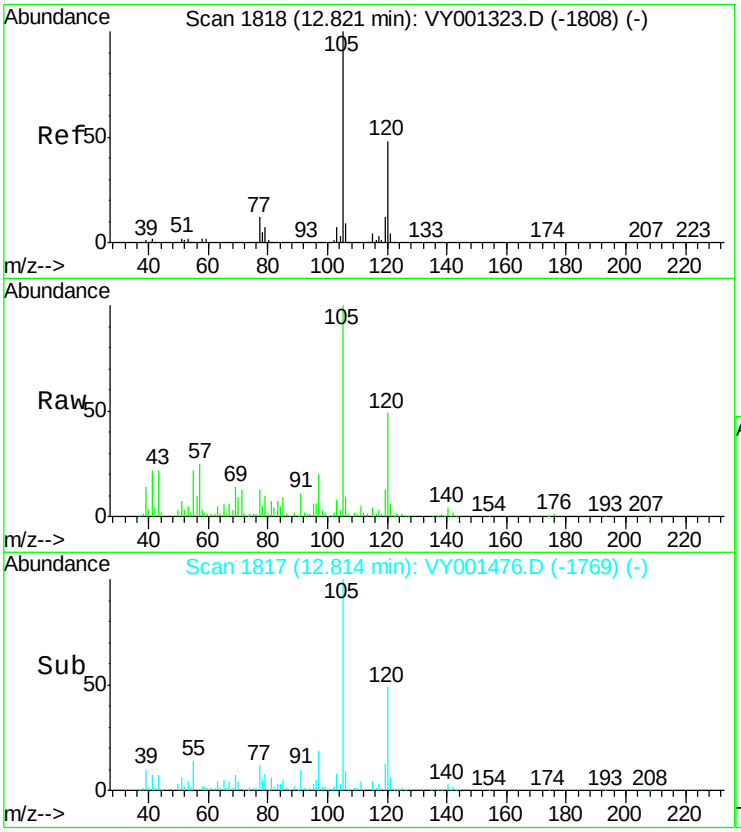


#78
n-propylbenzene
Concen: 3.535 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion: 91 Resp: 50344

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.3	33.8



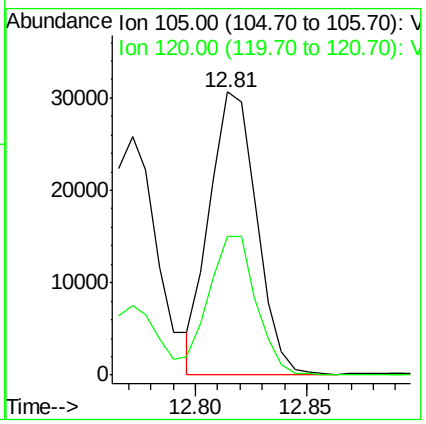


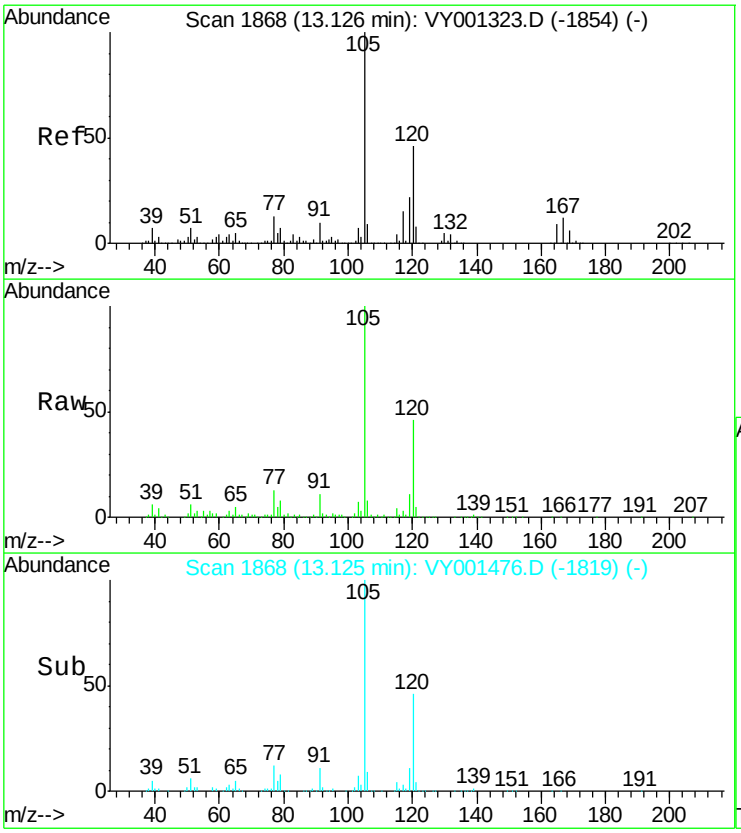
#80
1,3,5-Trimethylbenzene
Concen: 4.527 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-A

Tgt Ion:105 Resp: 44706

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.3	72.9

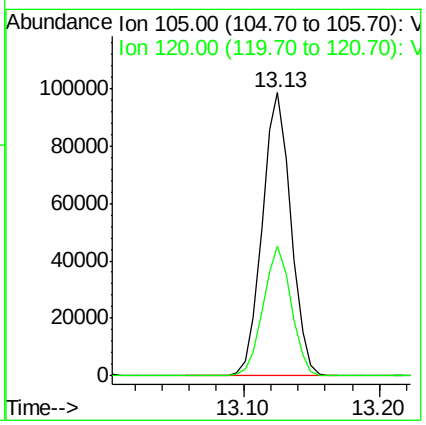


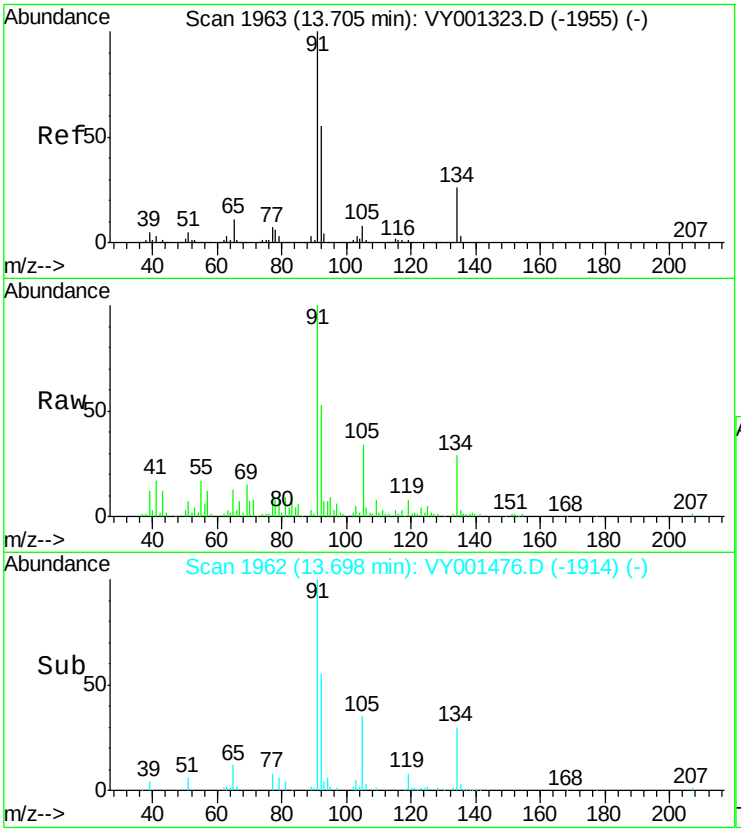


#84
1,2,4-Trimethylbenzene
Concen: 14.632 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion:105 Resp: 145072

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.3



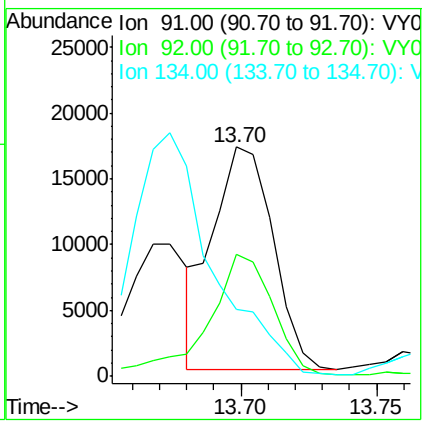


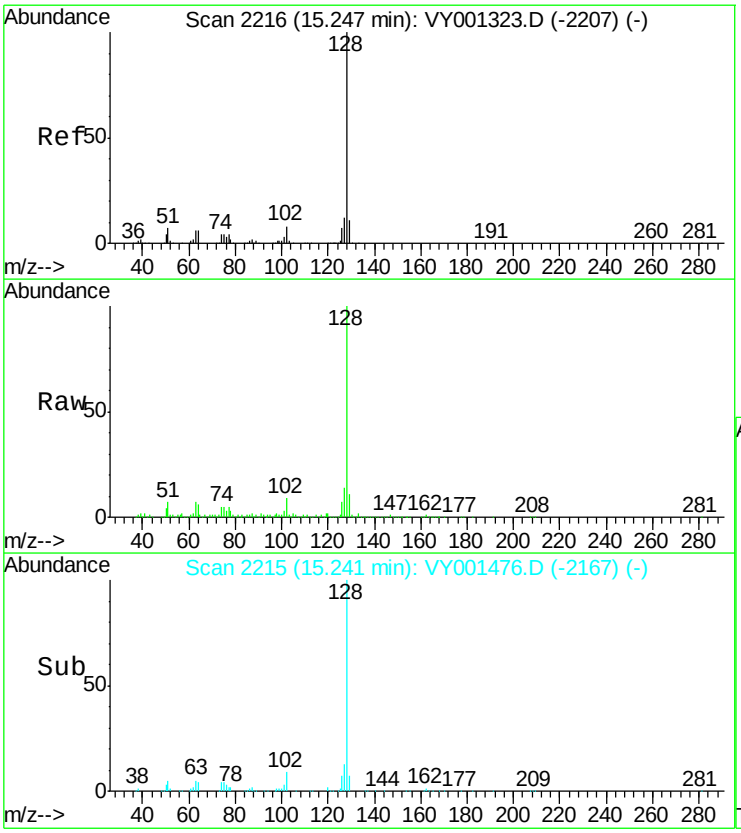
#89
n-Butylbenzene
Concen: 2.483 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Instrument : MSVOA_Y
ClientSampleId : TP-A

Tgt Ion: 91 Resp: 26049

Ion	Ratio	Lower	Upper
91	100		
92	58.3	27.6	82.8
134	0.0	12.9	38.6#





#95
Naphthalene
Concen: 29.648 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001476.D
Acq: 03 Feb 2020 16:29

Tgt Ion:128 Resp: 211777

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.7	13.1