Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GHD1-SB-03-8-9

Quant Time: Mar 24 18:48:11 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	7.81	168	137604	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.71	114	266216	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	227883	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	79186	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	85535	58.23	ug/l		-0.01
Spiked Amount 50.000			Recovery = 116.46%				
35) Dibromofluoromethane	7.74	113	77678	53.44	ug/l		-0.01
Spiked Amount 50.000			Recovery = 106.88%				
50) Toluene-d8	10.19	98	316986	51.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.42%				
62) 4-Bromofluorobenzene	12.49	95	97105	45.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.12%				
Target Compounds							Qvalue
16) Acetone	3.97	43	38887	90.886	ug/l		98
17) Carbon Disulfide	4.22	76	41219	8.015	ug/l		100
20) Methylene Chloride	4.75	84	2192	1.195	ug/l	#	81
25) 2-Butanone	7.01	43	17134	26.333	ug/l		92
27) cis-1,2-Dichloroethene	7.01	96	3887	2.058	ug/l		88
40) Benzene	8.18	78	19124	2.519	ug/l		100
52) Toluene	10.25	92	10065	2.182	ug/l		96
67) Ethyl Benzene	11.60	91	10493	1.239	ug/l		100
68) m/p-Xylenes	11.70	106	4267	1.363	ug/l		84
69) o-Xylene	12.03	106	3092	1.048	ug/l		94
70) Styrene	12.05	104	5849	1.157	ug/l		95
73) Isopropylbenzene	12.33	105	6333	1.048	ug/l		95
80) 1,3,5-Trimethylbenzene	12.82	105	5258	1.057	ug/l		86
83) tert-Butylbenzene	13.08	119	4368	1.057	ug/l		86
84) 1,2,4-Trimethylbenzene	13.13	105	8871	1.796	ug/l		97
85) sec-Butylbenzene	13.26	105	8390	1.377	ug/l	#	42
95) Naphthalene	15.24	128	323971	92.372	ug/l		100

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
Data File : VY002050.D
Acq On : 24 Mar 2020 15:03
Operator : SY/MD
Sample : L2013-04
Misc : 8.28G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
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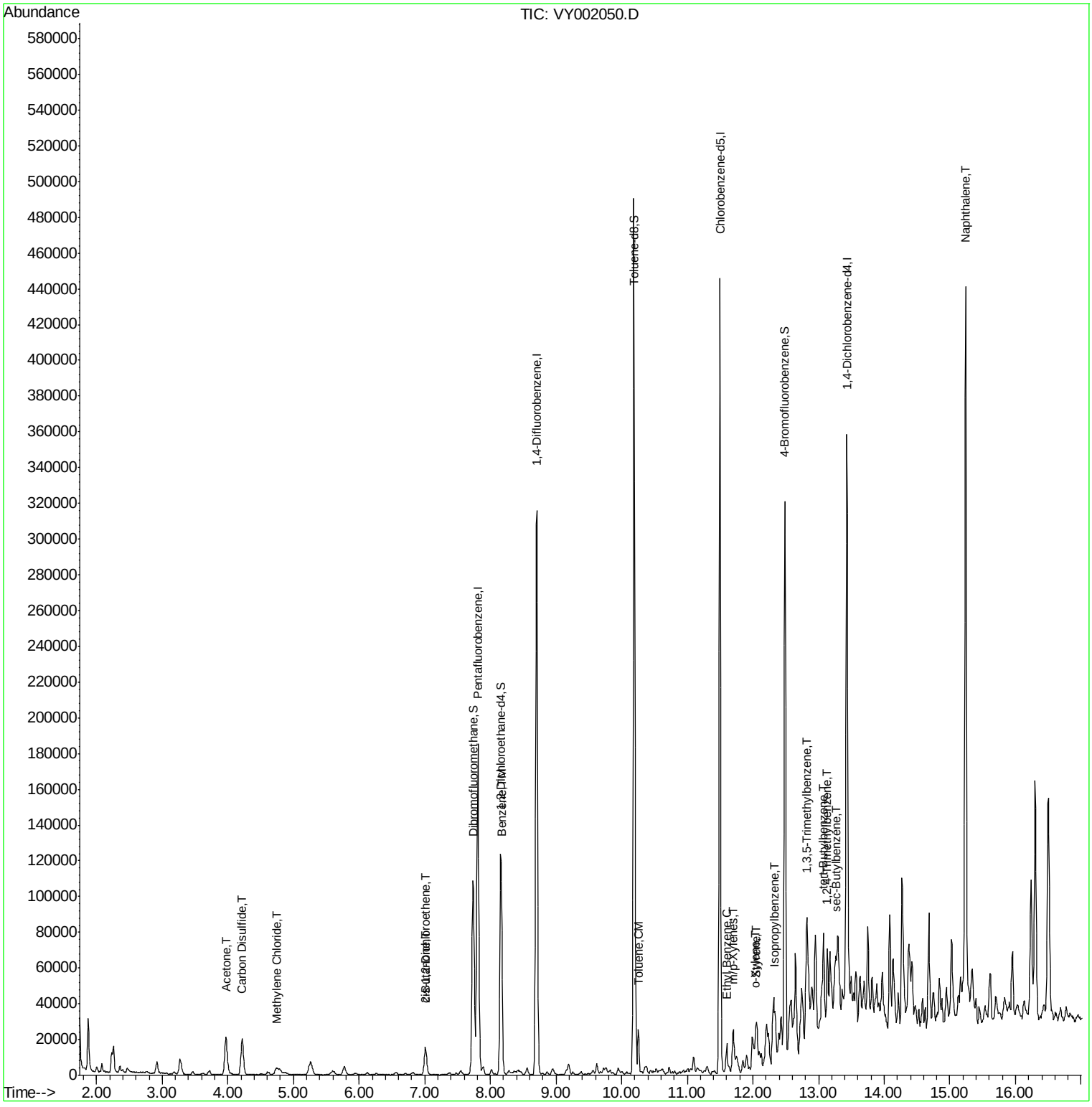
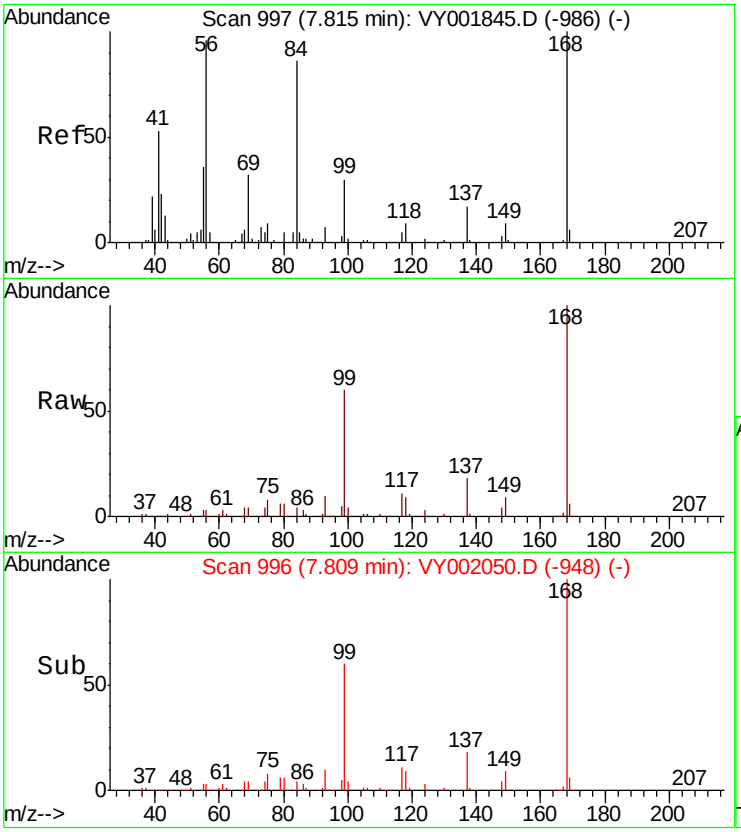
Quant Time: Mar 24 18:48:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



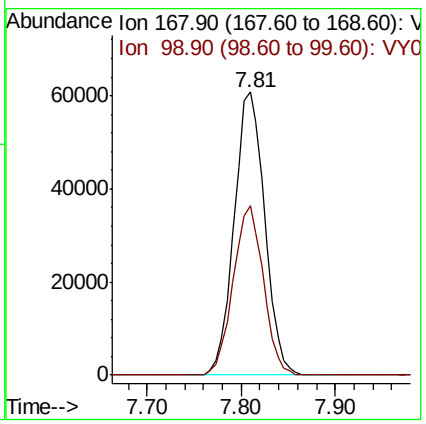


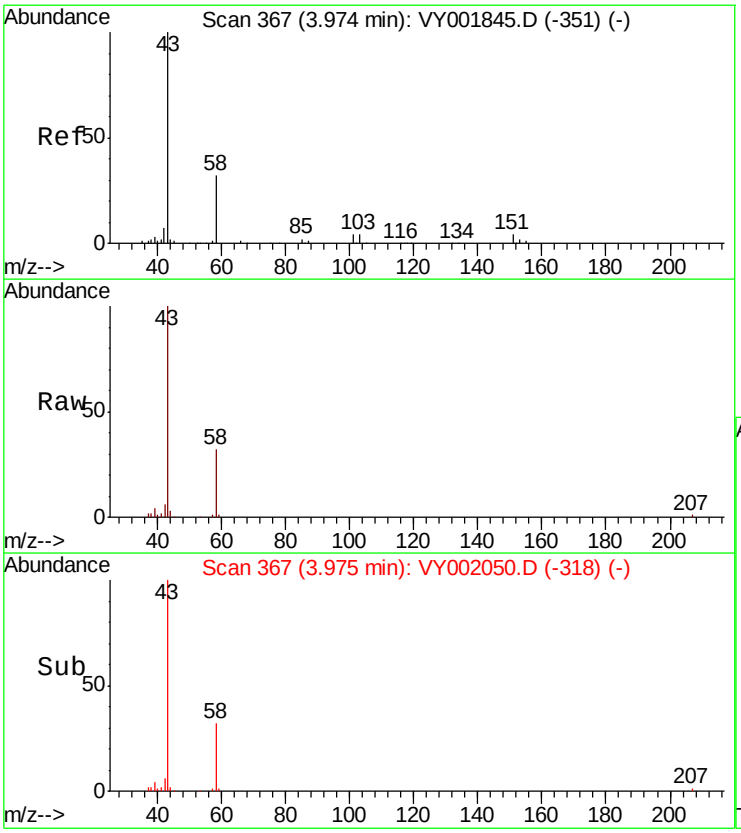
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion:168 Resp: 137604

Ion	Ratio	Lower	Upper
168	100		
99	60.1	46.7	70.1

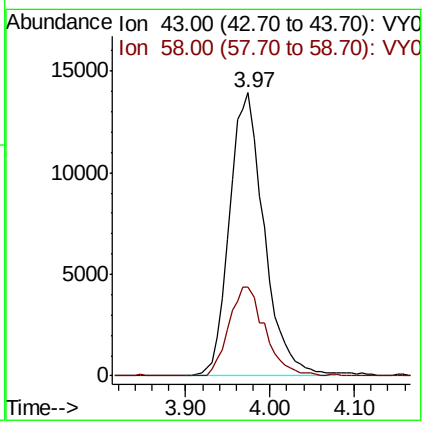


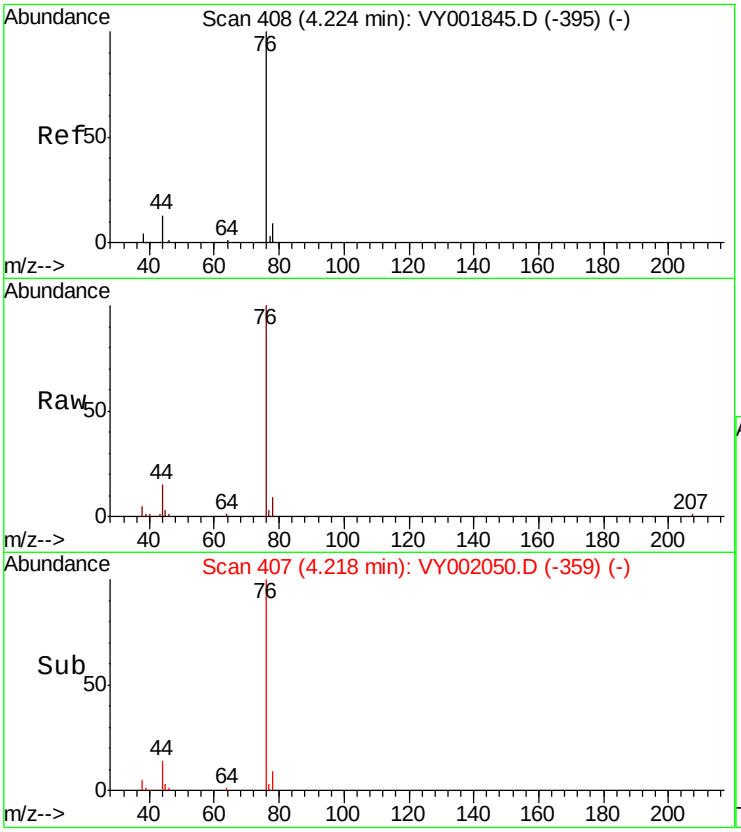


#16
Acetone
Concen: 90.886 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 43 Resp: 38887

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.9	38.9



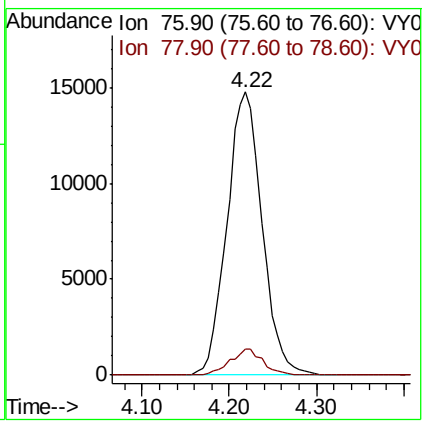


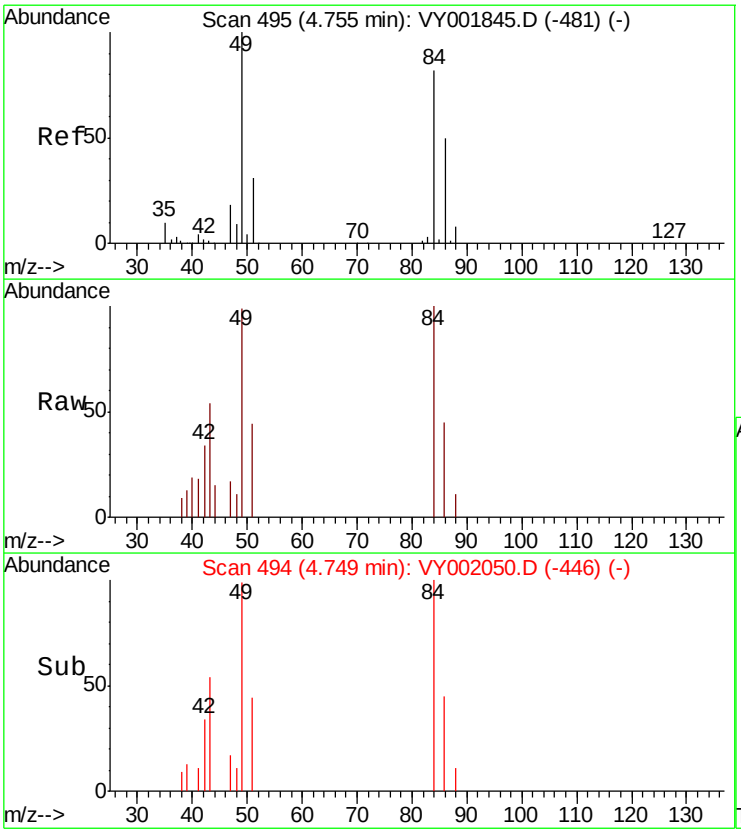
#17
Carbon Disulfide
Concen: 8.015 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument : MSVOA_Y
ClientSampleId : GHD1-SB-03-8-9

Tgt Ion: 76 Resp: 41219

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

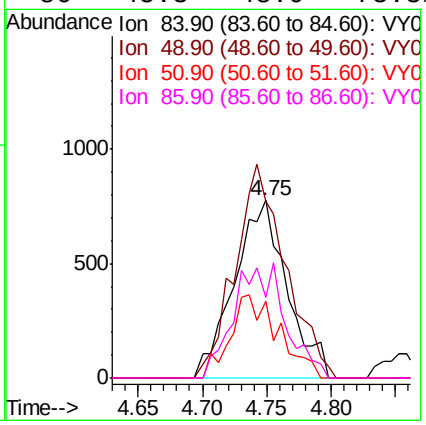


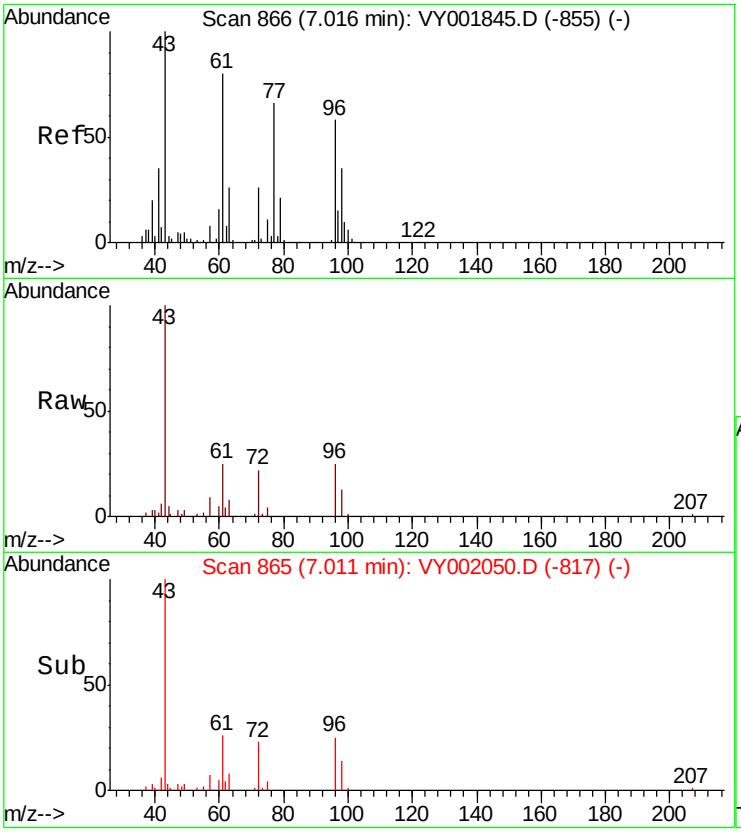


#20
Methylene Chloride
Concen: 1.195 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 84 Resp: 2192

Ion	Ratio	Lower	Upper
84	100		
49	99.1	98.2	147.2
51	43.5	30.2	45.2
86	45.3	48.9	73.3#



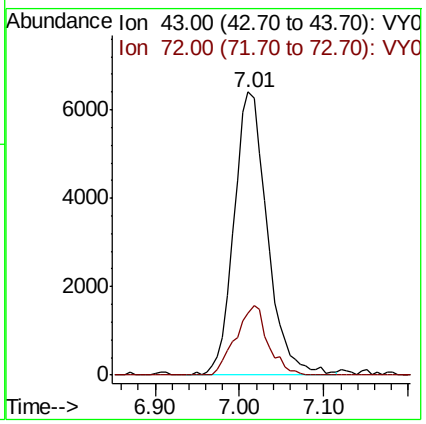


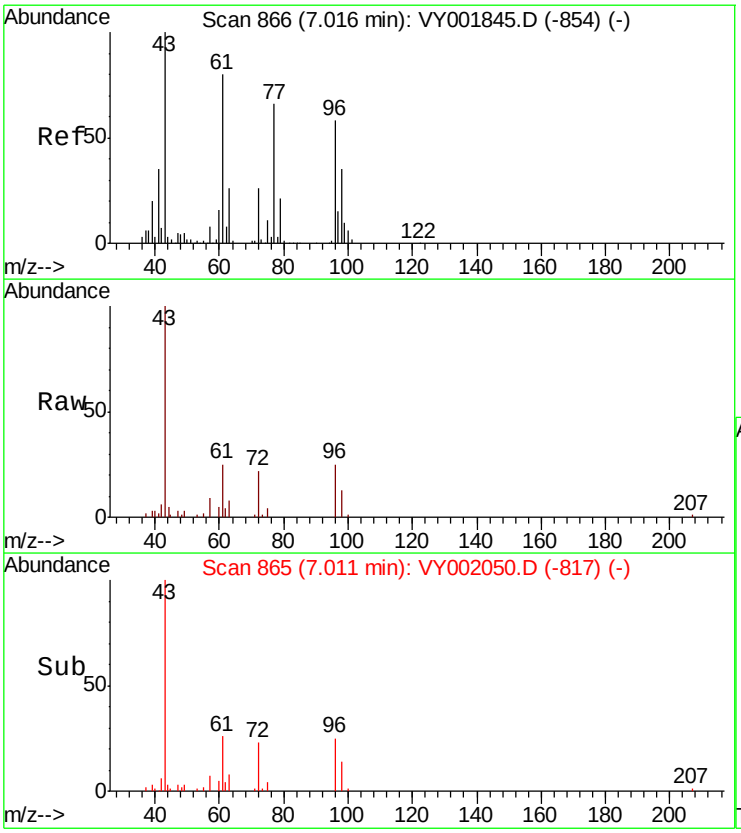
#25
2-Butanone
Concen: 26.333 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion: 43 Resp: 17134

Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.9	31.3

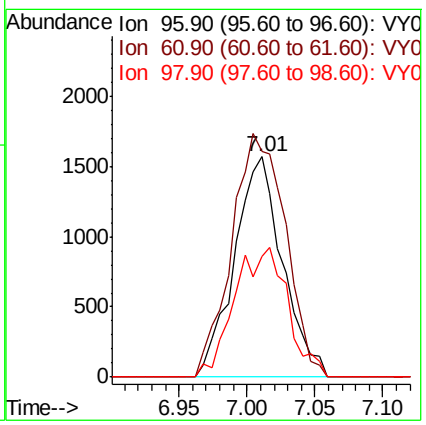


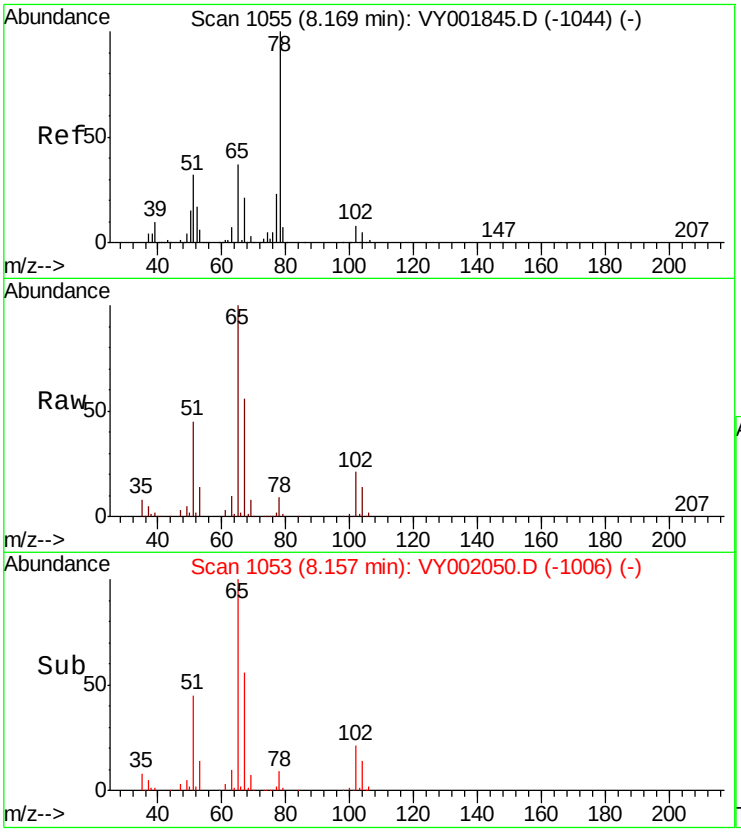


#27
cis-1,2-Dichloroethene
Concen: 2.058 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 96 Resp: 3887

Ion	Ratio	Lower	Upper
96	100		
61	123.0	0.0	288.2
98	65.0	0.0	129.0



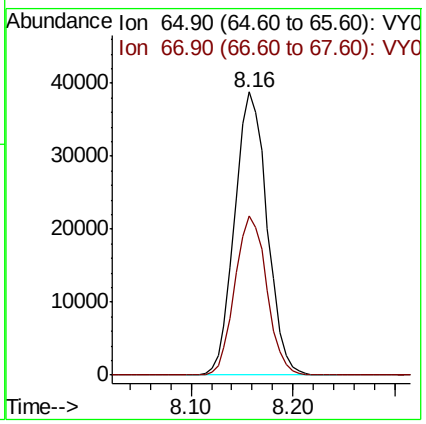


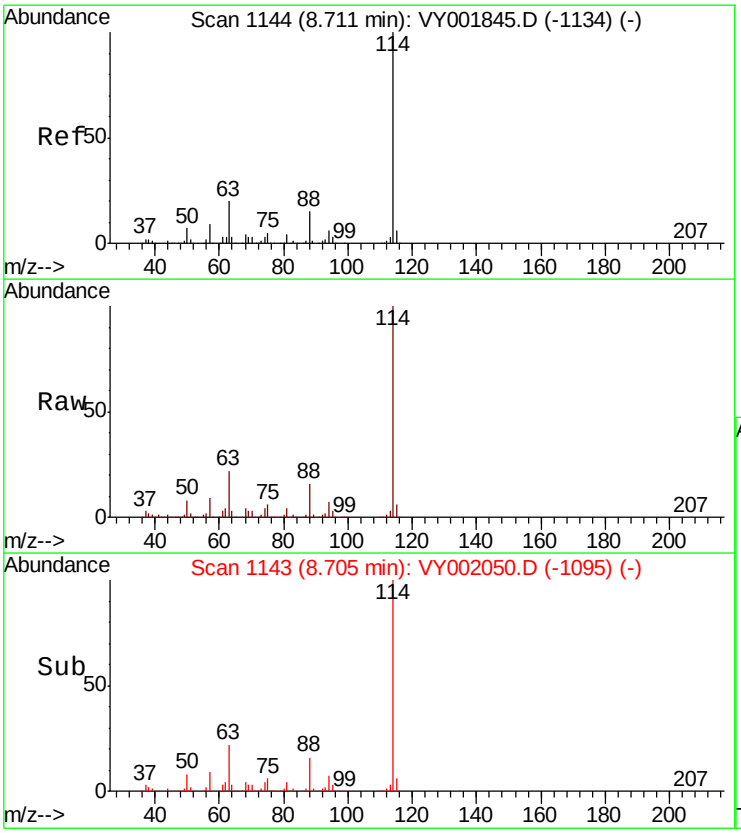
#33
1,2-Dichloroethane-d4
Concen: 58.226 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion: 65 Resp: 85535

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.8

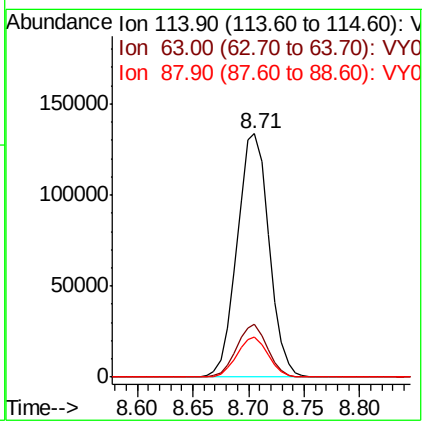


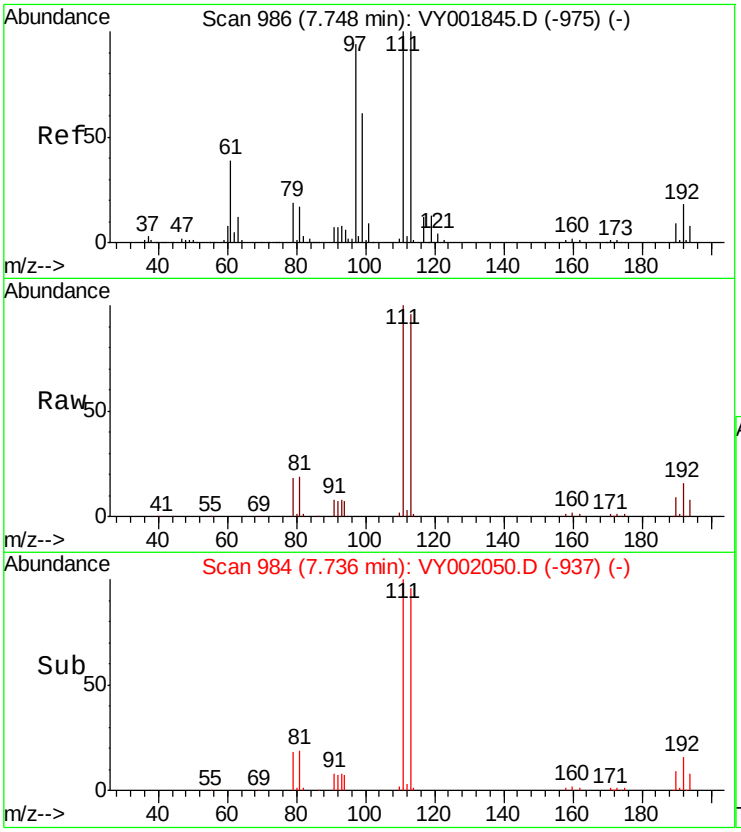


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:114 Resp: 266216

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.4
88	16.3	0.0	30.4



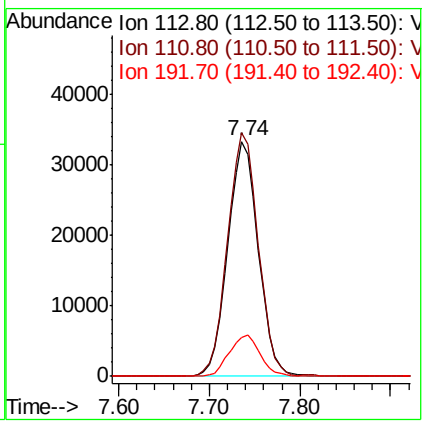


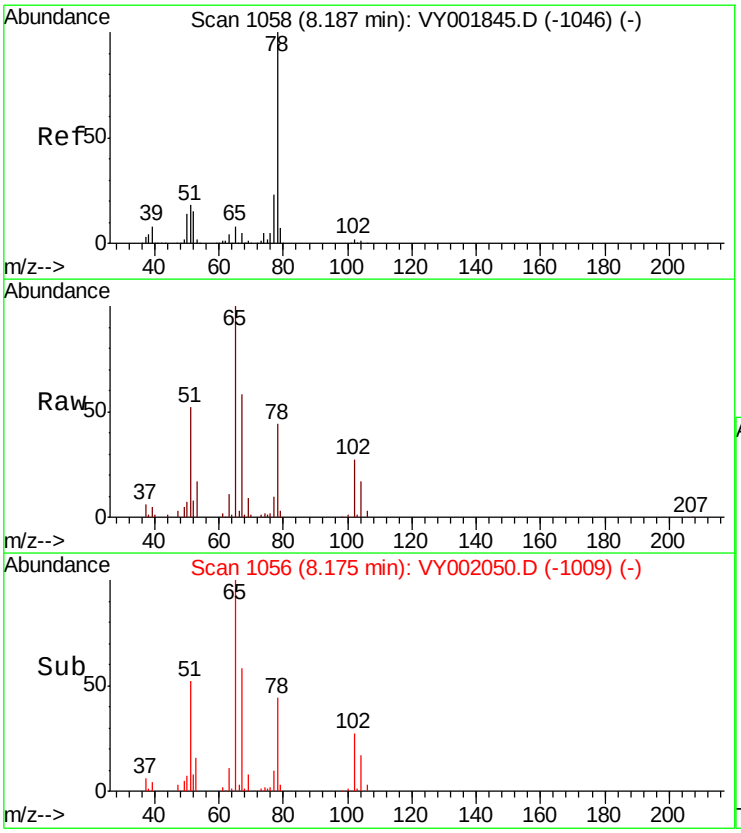
#35
Dibromofluoromethane
Concen: 53.436 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion:113 Resp: 77678

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.8
192	17.7	14.2	21.2

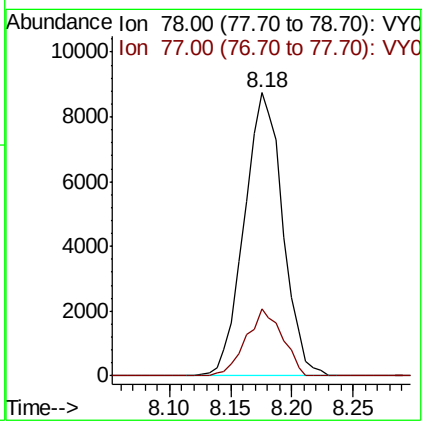


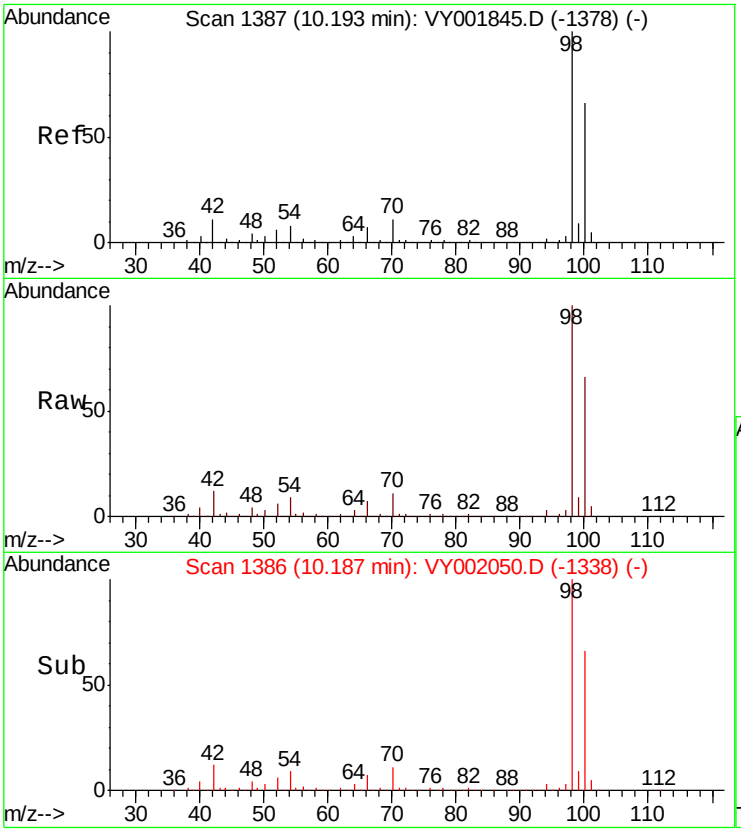


#40
Benzene
Concen: 2.519 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 78 Resp: 19124

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1



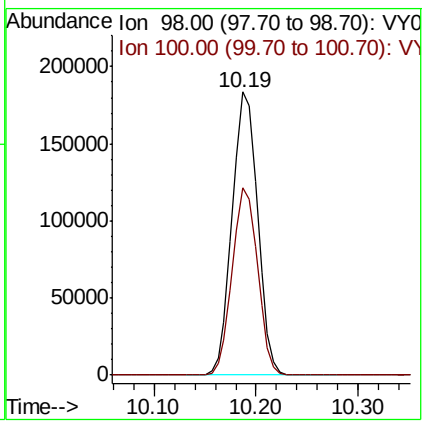


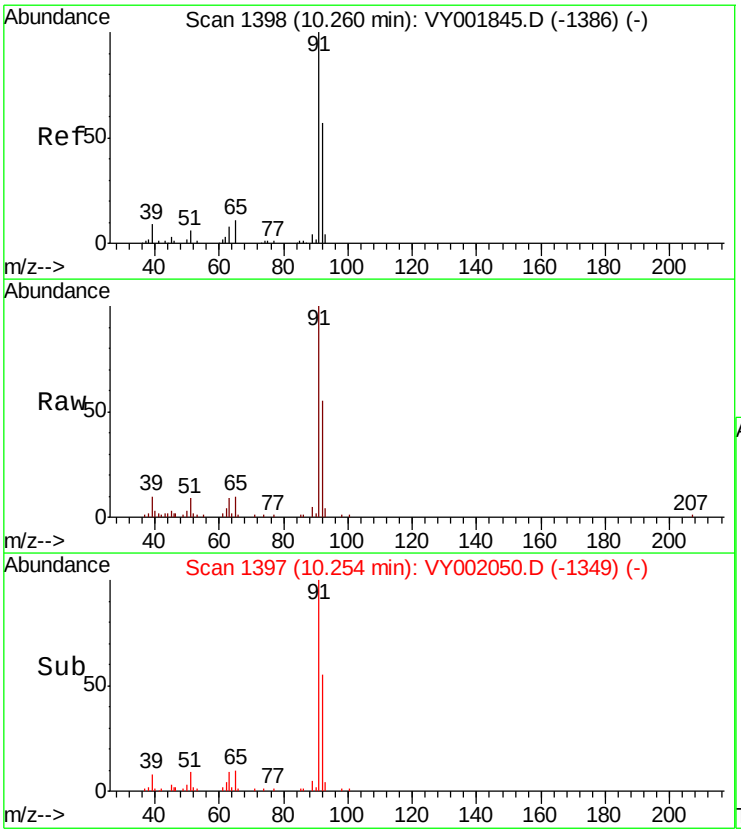
#50
Toluene-d8
Concen: 51.712 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion: 98 Resp: 316986

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4

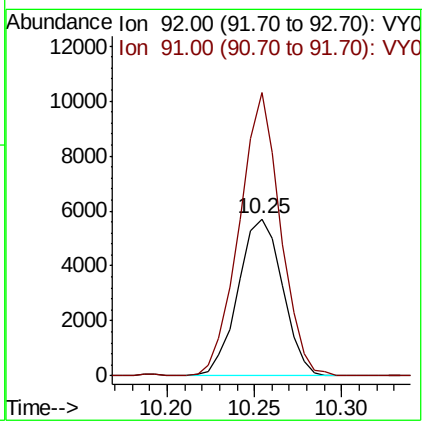


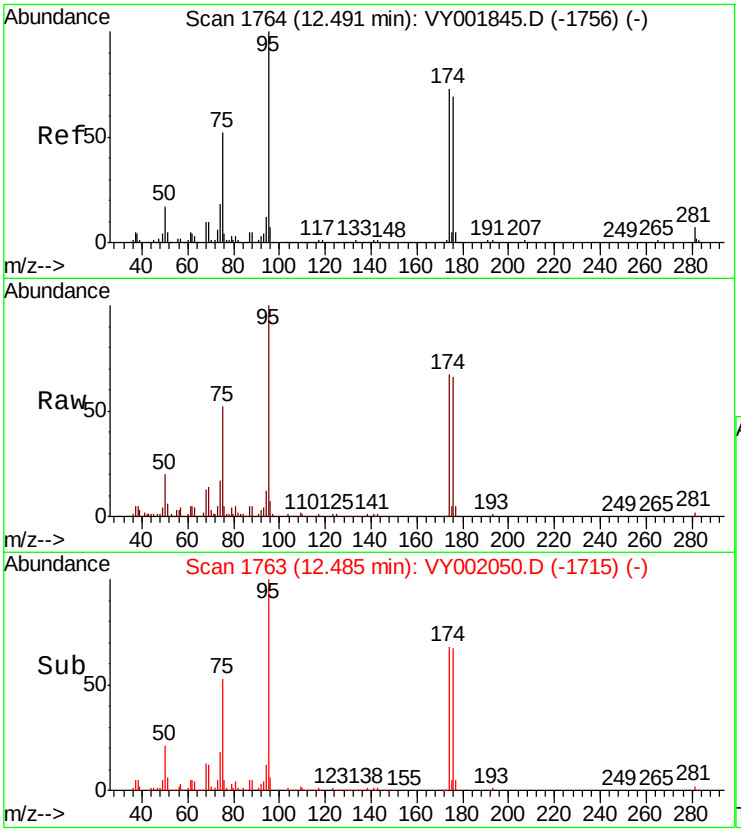


#52
Toluene
Concen: 2.182 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 92 Resp: 10065

Ion	Ratio	Lower	Upper
92	100		
91	167.1	138.6	208.0



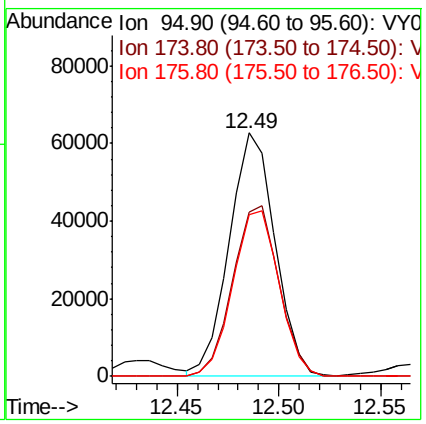


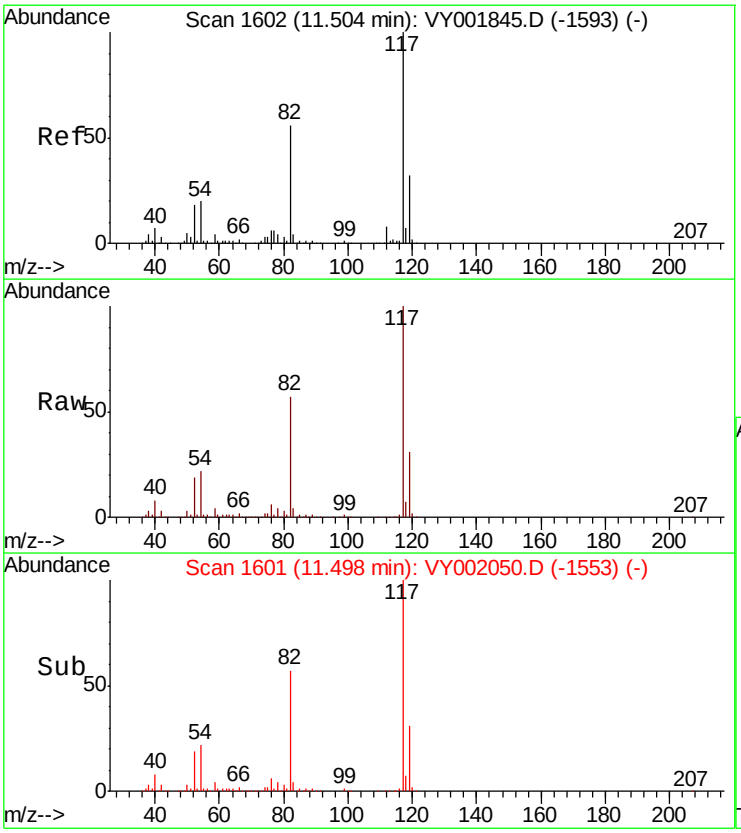
#62
4-Bromofluorobenzene
Concen: 45.559 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion: 95 Resp: 97105

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	145.0
176	69.3	0.0	137.4

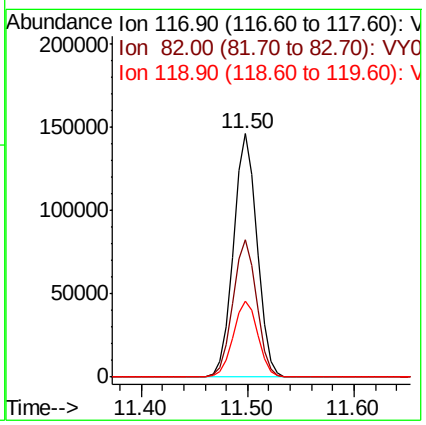


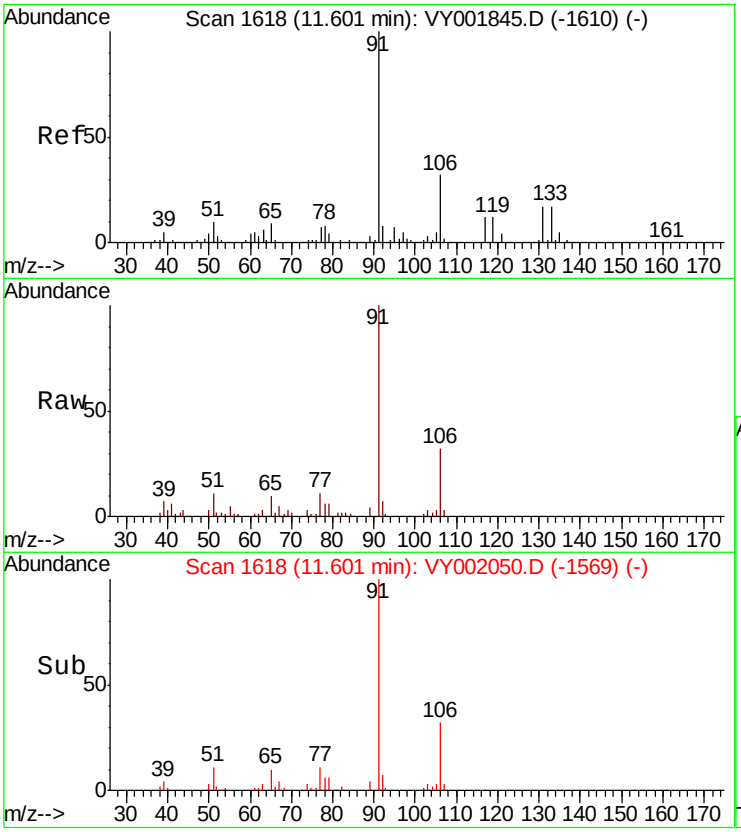


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:117 Resp: 227883

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.5	66.7
119	31.5	25.7	38.5



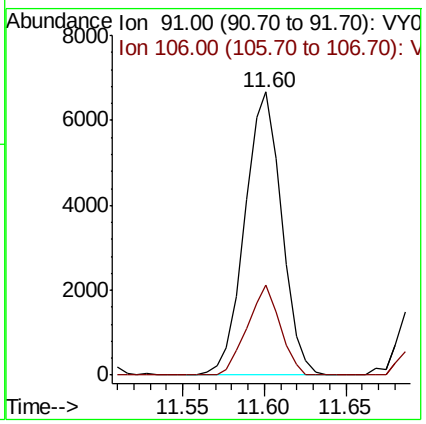


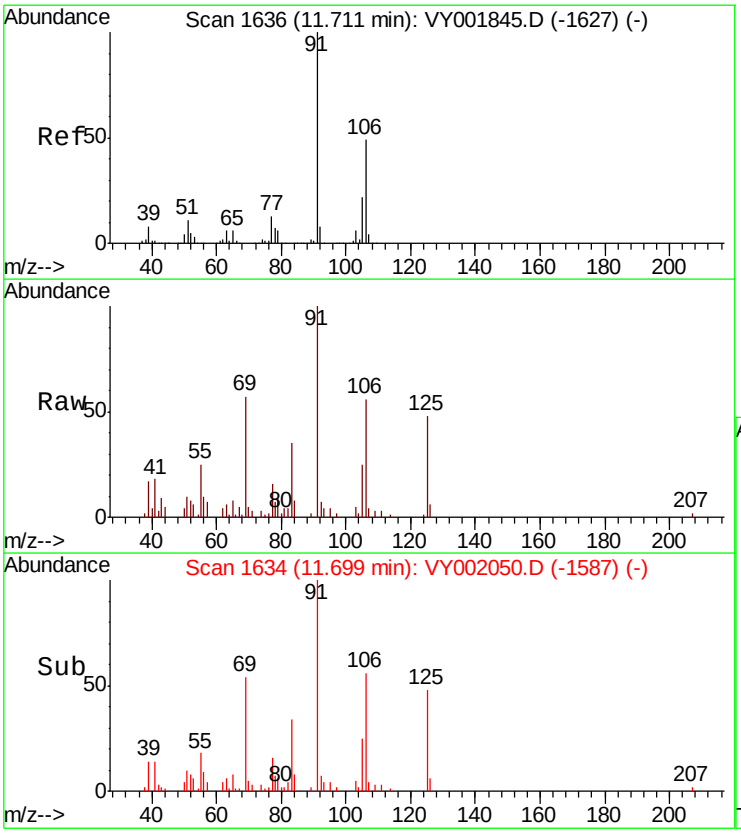
#67
Ethyl Benzene
Concen: 1.239 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion: 91 Resp: 10493

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.2

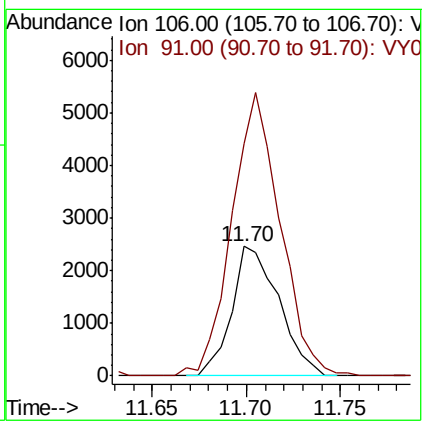


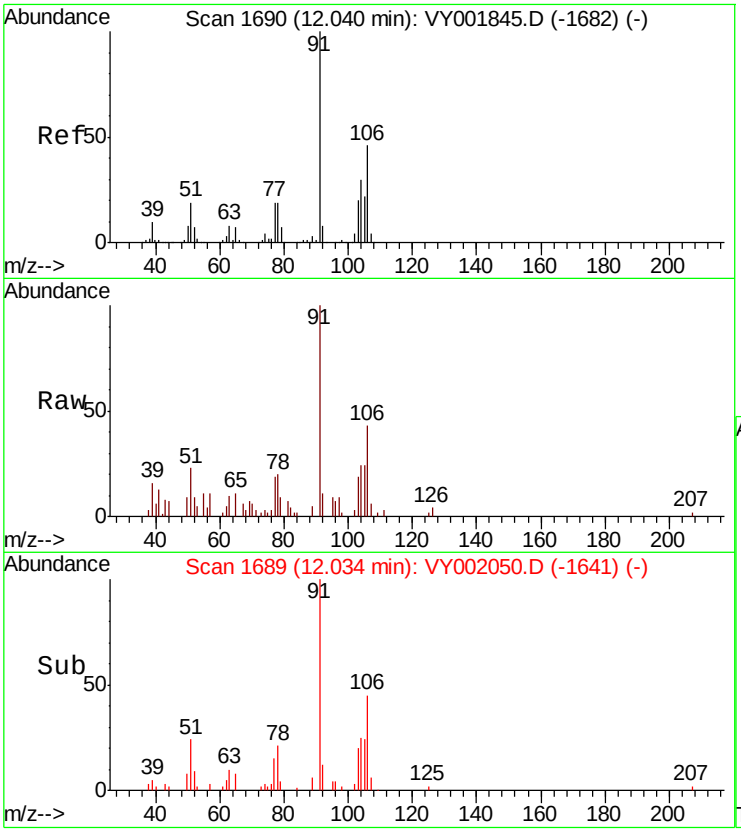


#68
m/p-Xylenes
Concen: 1.363 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:106 Resp: 4267

Ion	Ratio	Lower	Upper
106	100		
91	225.3	161.3	241.9



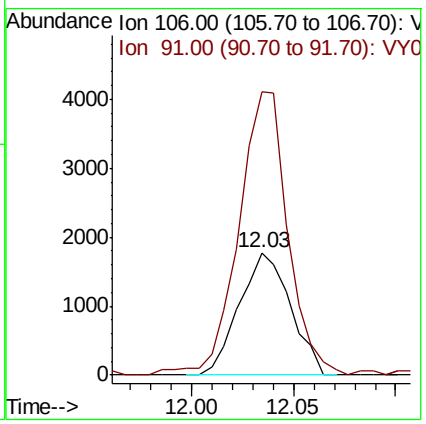


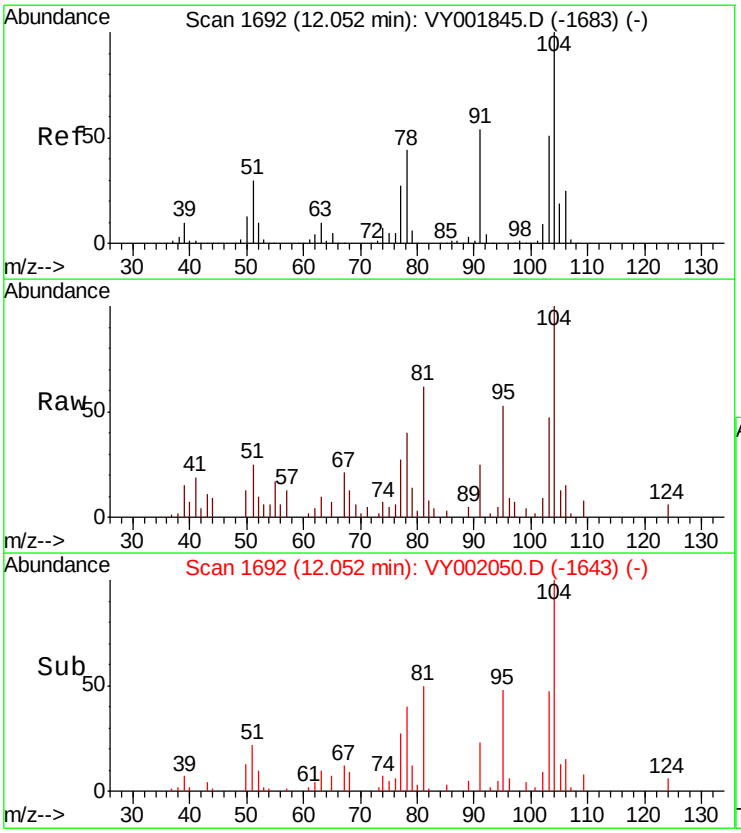
#69
o-Xylene
Concen: 1.048 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion:106 Resp: 3092

Ion	Ratio	Lower	Upper
106	100		
91	222.9	106.8	320.4

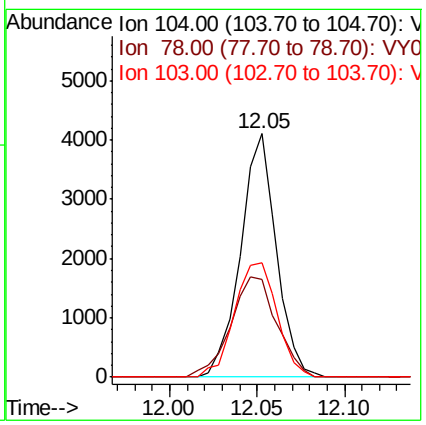


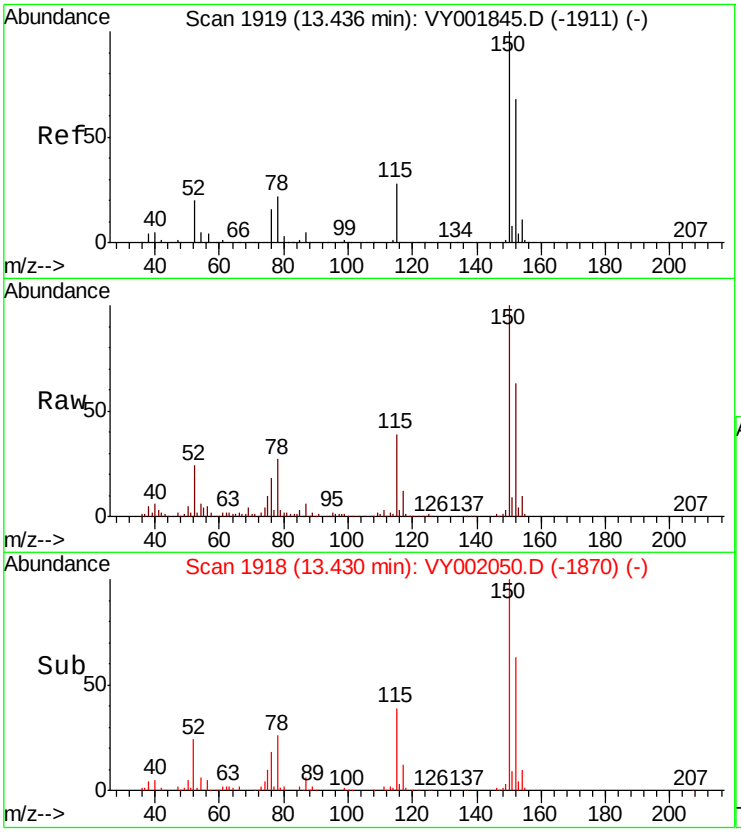


#70
Styrene
Concen: 1.157 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:104 Resp: 5849

Ion	Ratio	Lower	Upper
104	100		
78	52.7	38.5	57.7
103	55.9	42.9	64.3



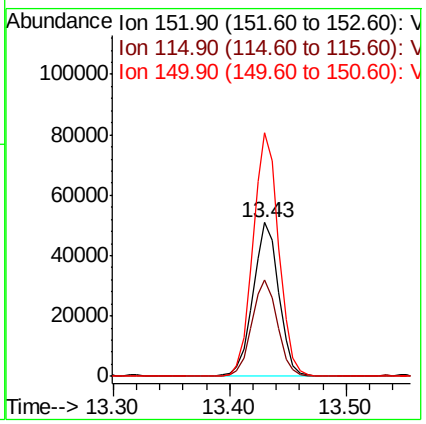


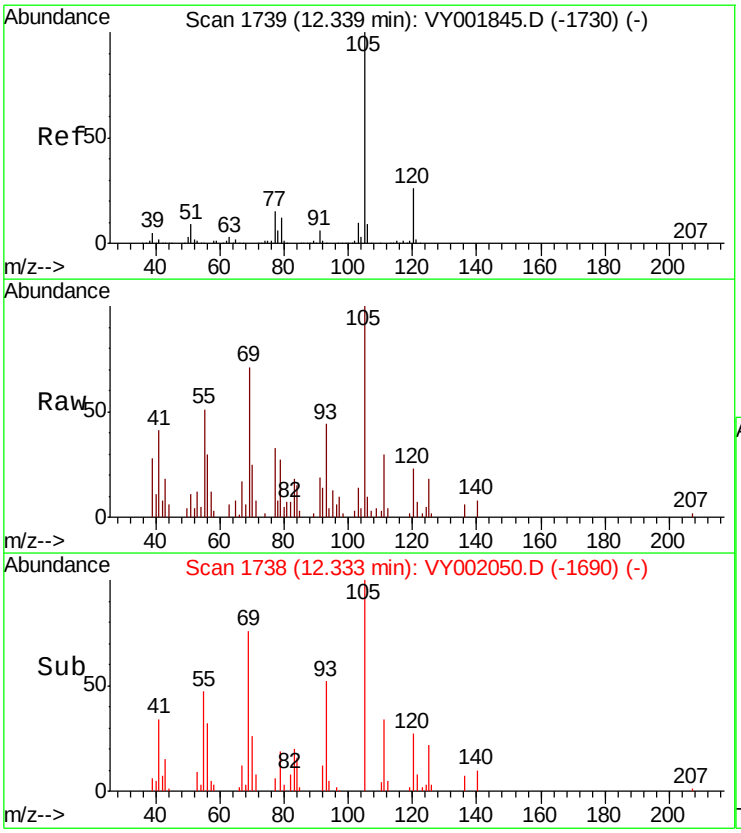
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument : MSVOA_Y
ClientSampleId : GHD1-SB-03-8-9

Tgt Ion:152 Resp: 79186

Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.9	89.7
150	156.3	0.0	340.6

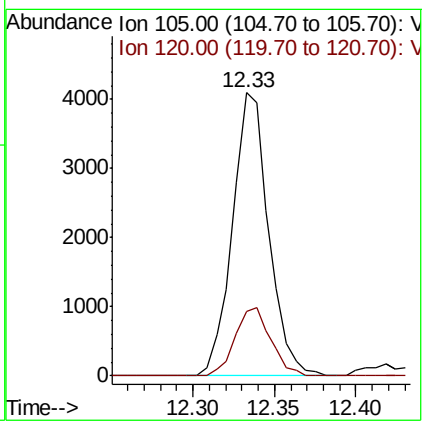


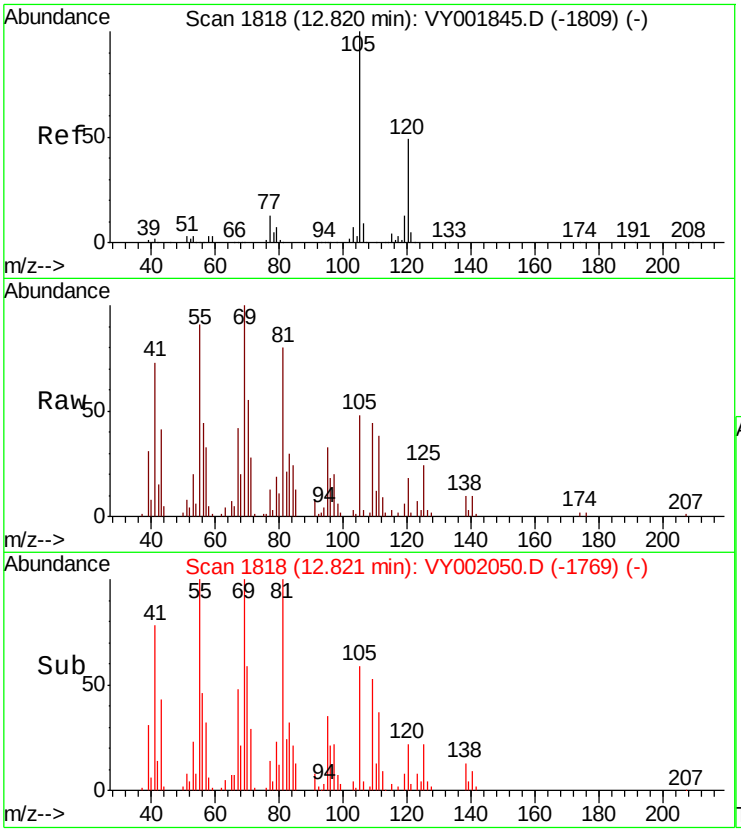


#73
Isopropylbenzene
Concen: 1.048 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:105 Resp: 6333

Ion	Ratio	Lower	Upper
105	100		
120	23.6	13.1	39.3



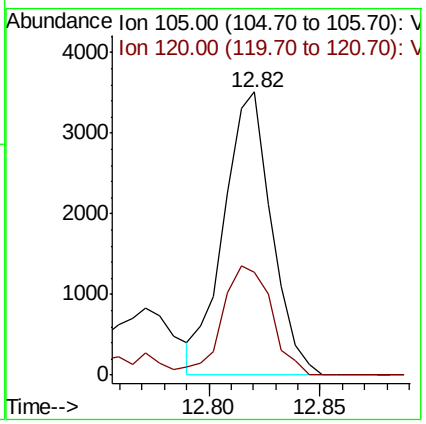


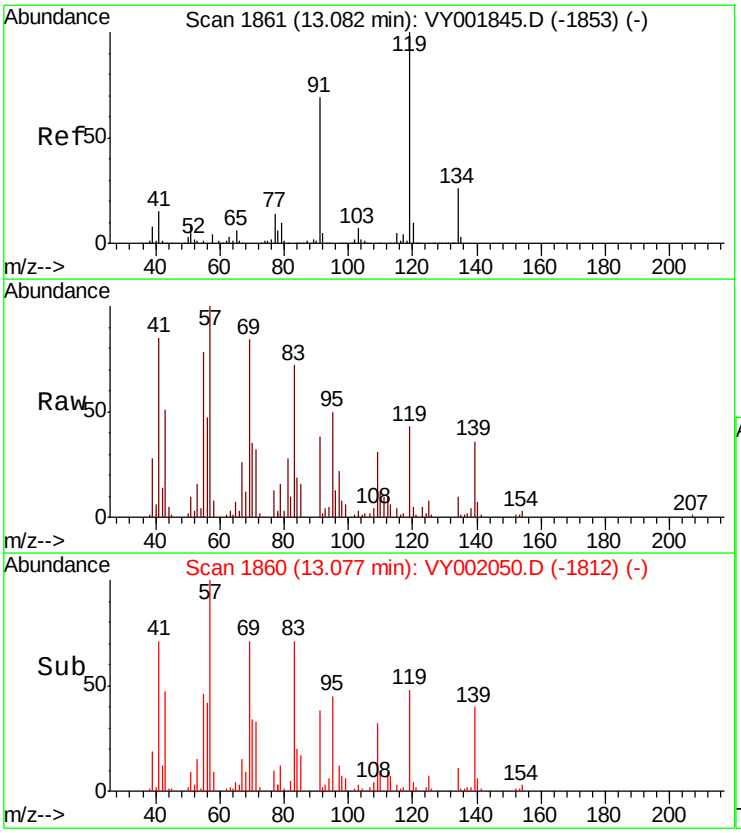
#80
1,3,5-Trimethylbenzene
Concen: 1.057 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion:105 Resp: 5258

Ion	Ratio	Lower	Upper
105	100		
120	39.6	24.4	73.2

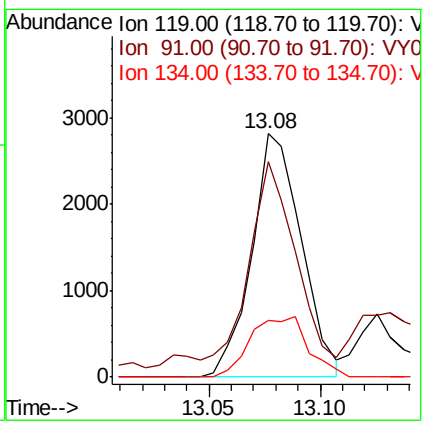


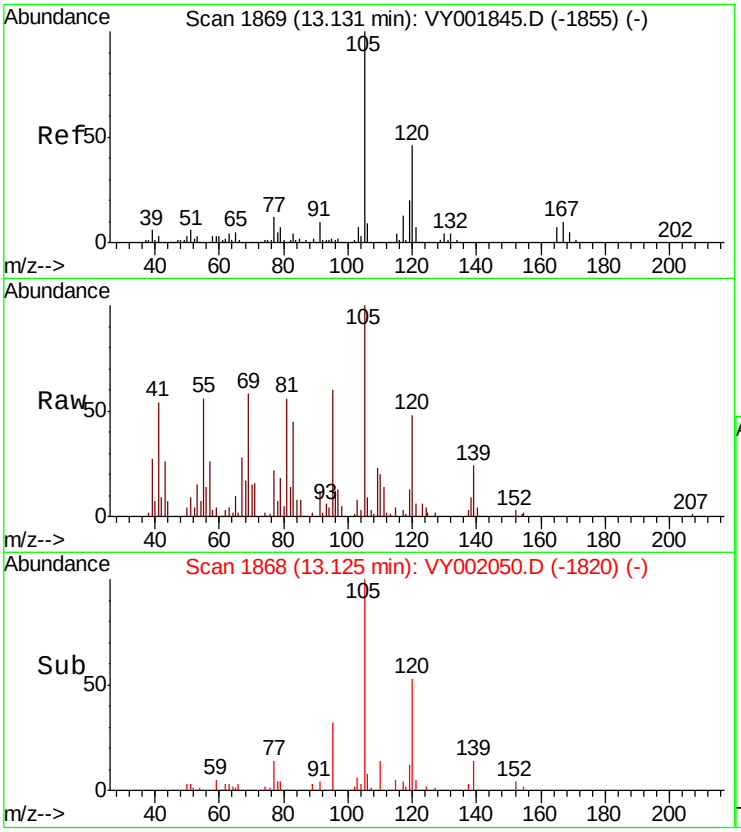


#83
tert-Butylbenzene
Concen: 1.057 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:119 Resp: 4368

Ion	Ratio	Lower	Upper
119	100		
91	82.8	34.0	101.8
134	28.7	13.5	40.4



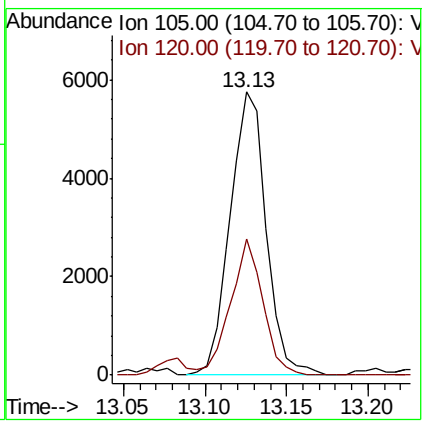


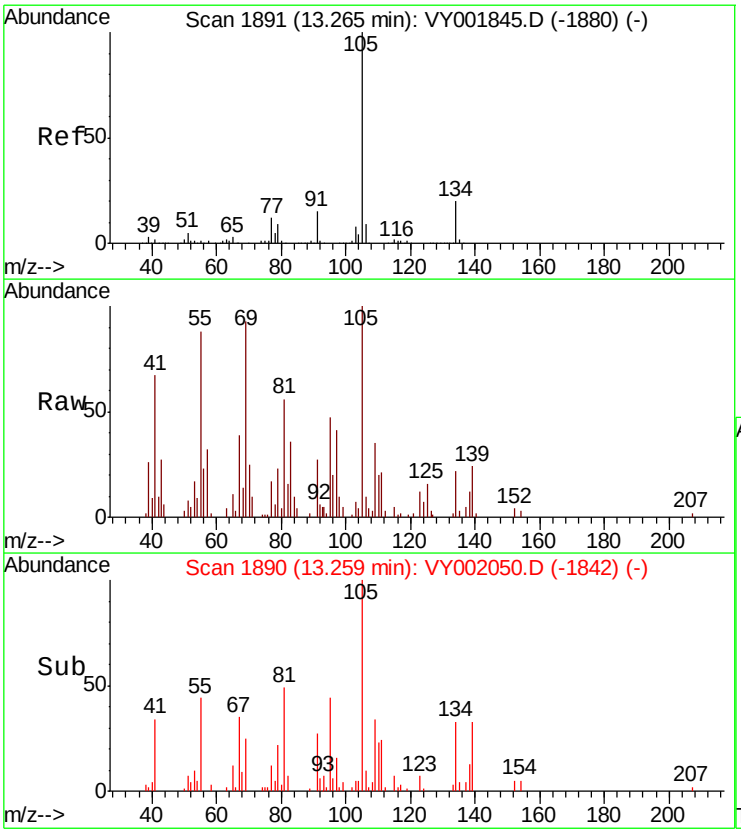
#84
1,2,4-Trimethylbenzene
Concen: 1.796 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion:105 Resp: 8871

Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.6	67.7

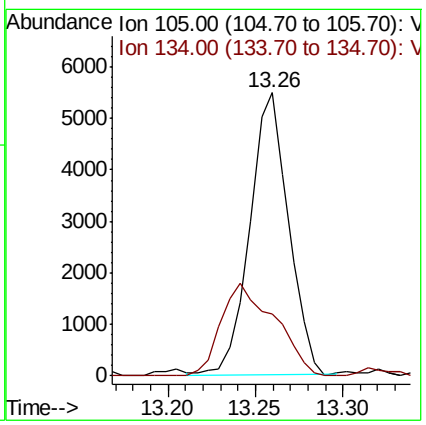


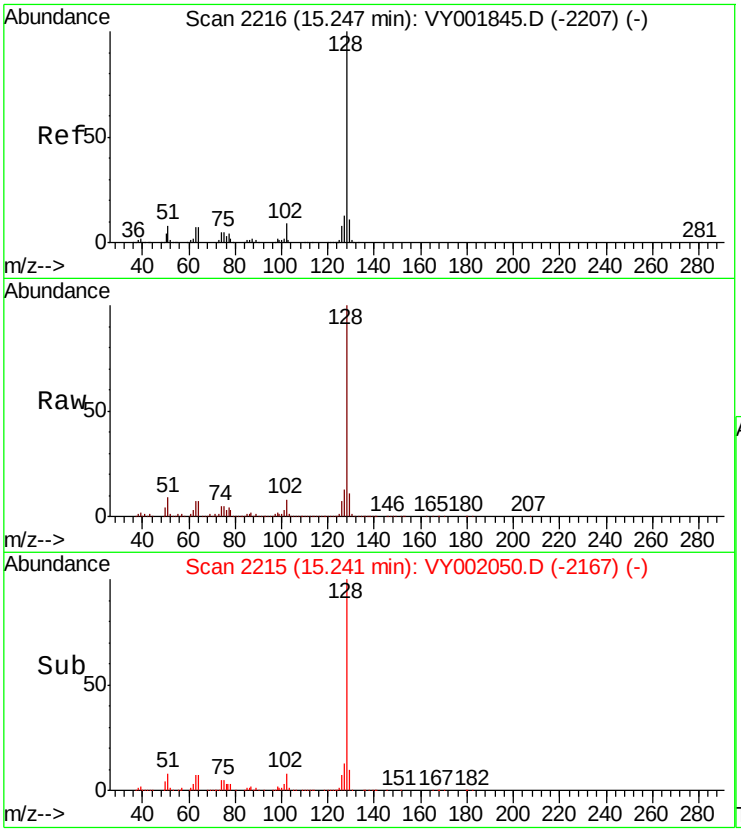


#85
sec-Butylbenzene
Concen: 1.377 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:105 Resp: 8390

Ion	Ratio	Lower	Upper
105	100		
134	45.8	9.7	29.1#





#95
Naphthalene
Concen: 92.372 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion:128 Resp: 323971

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.6	13.0