Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060120\
Data File : VY002808.D
Acq On : 01 Jun 2020 14:50
Operator : SY/MD
Sample : L2814-01RE
Misc : 4.67G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : PL-02-052920

Quant Time: Jun 01 18:28:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	297107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	481187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	204154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	146383	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.48%			
35) Dibromofluoromethane	7.72	113	149784	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.22%			
50) Toluene-d8	10.18	98	556219	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
62) 4-Bromofluorobenzene	12.48	95	181589	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	5415	7.123	ug/l #	93
16) Acetone	3.96	43	117054	193.506	ug/l	99
20) Methylene Chloride	4.72	84	204454	69.162	ug/l	98
25) 2-Butanone	6.99	43	26137	27.733	ug/l	95
40) Benzene	8.16	78	19752	1.649	ug/l	100
68) m/p-Xylenes	11.70	106	14898	2.586	ug/l	99
69) o-Xylene	12.03	106	12514	2.301	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	16178	1.473	ug/l	97
95) Naphthalene	15.24	128	14143	1.599	ug/l	99

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

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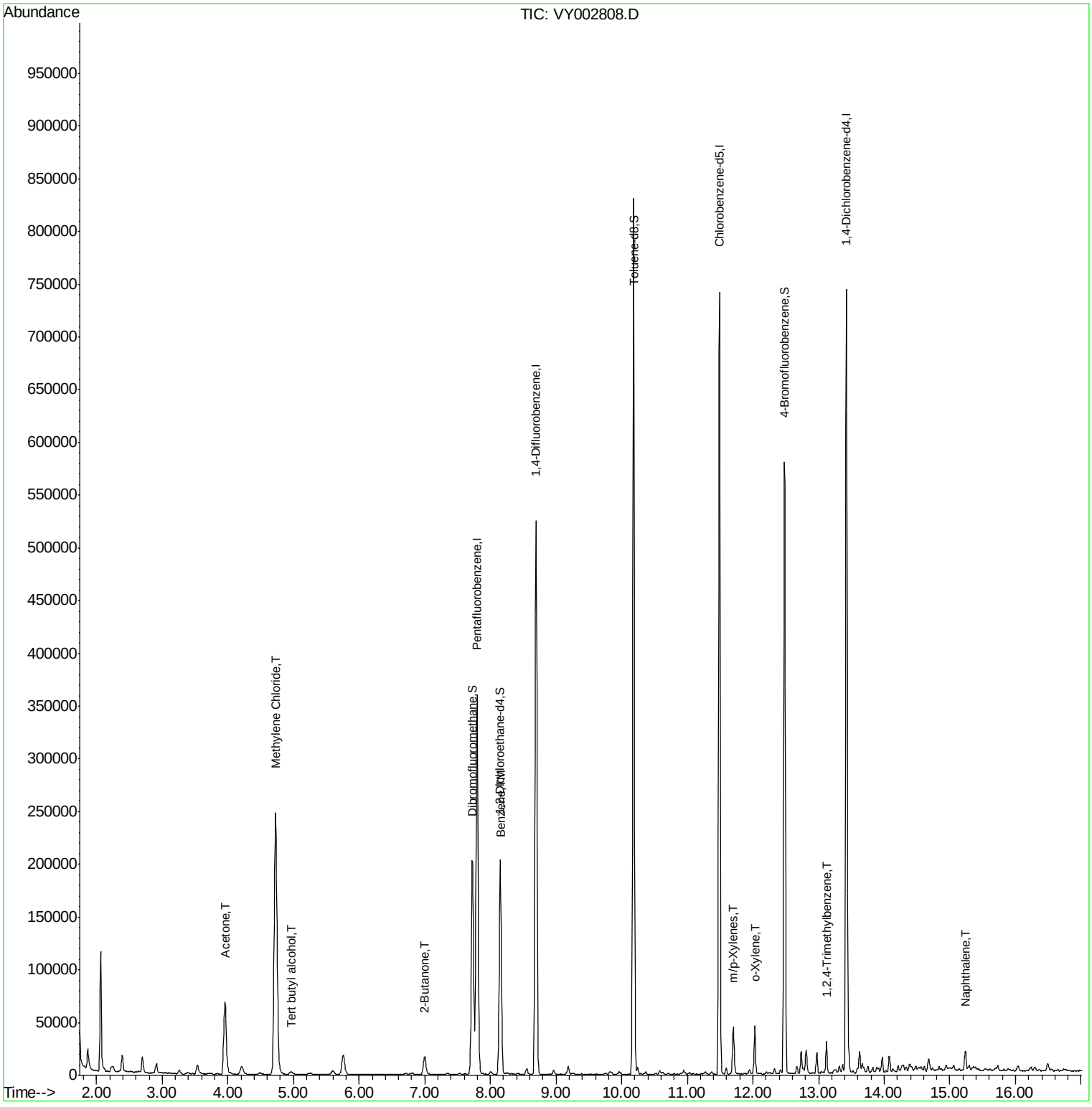
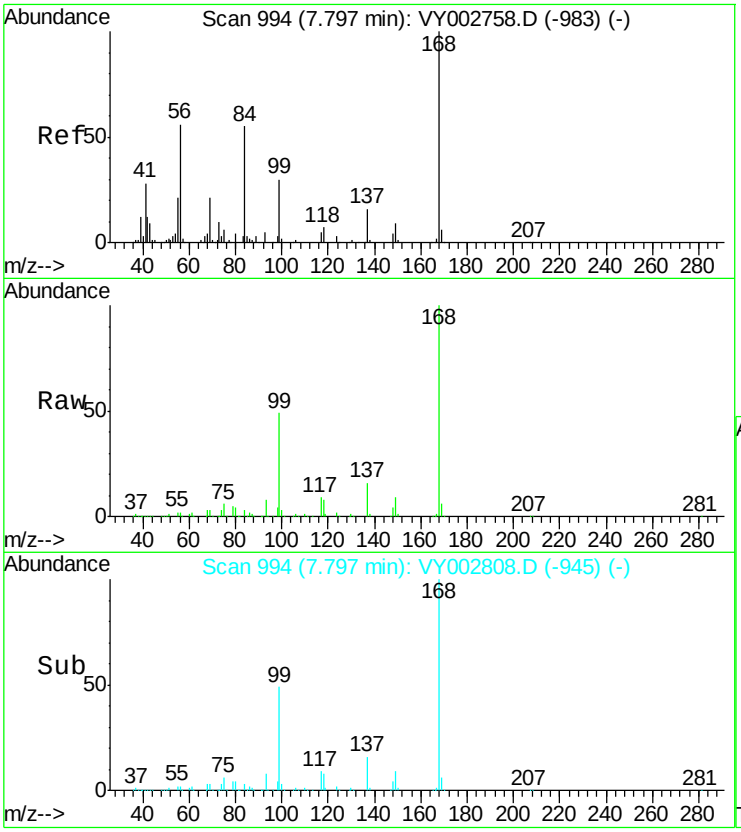
Response via : Initial Calibration



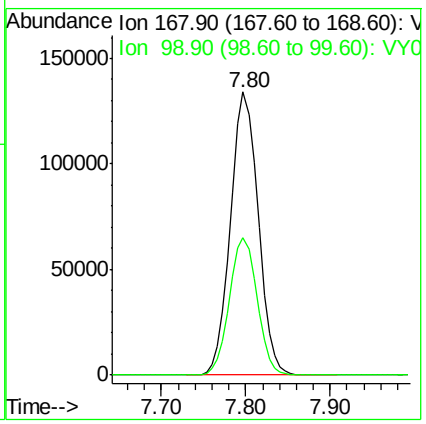


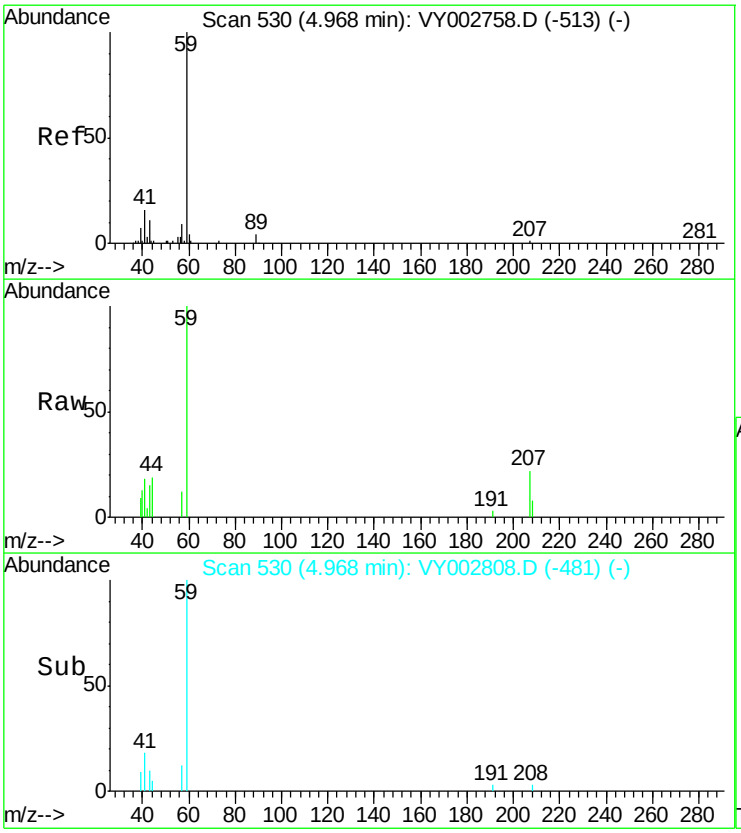
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion:168 Resp: 297107

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.0	58.4

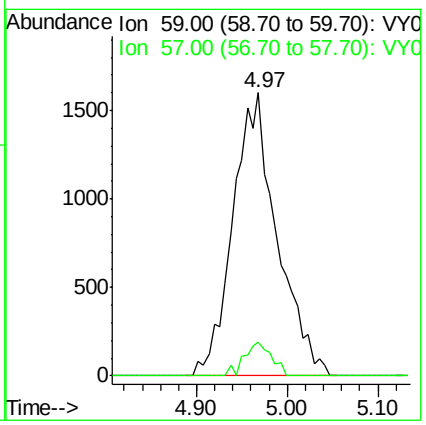


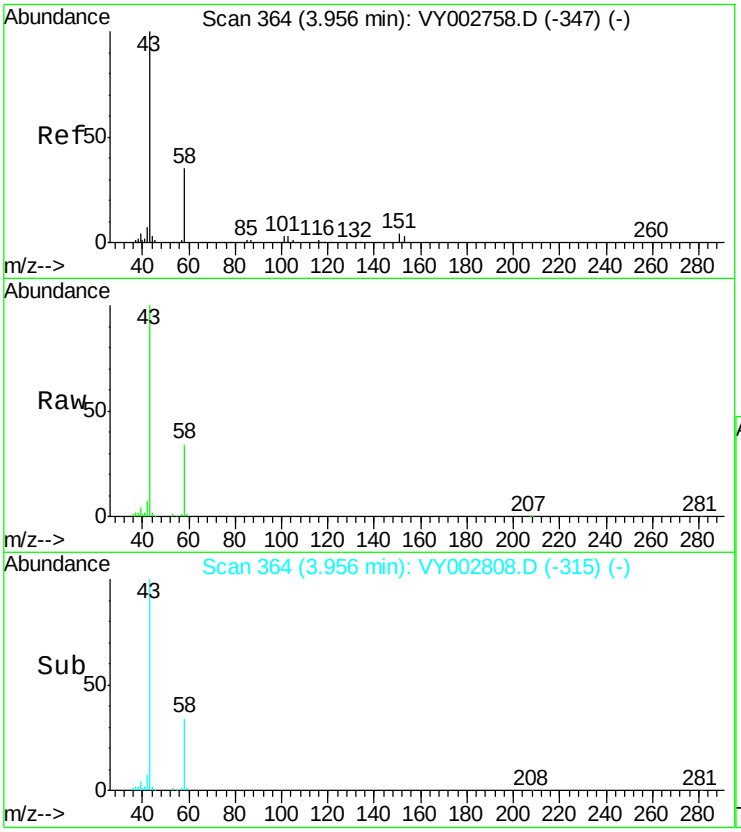


#11
Tert butyl alcohol
Concen: 7.123 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion: 59 Resp: 5415

Ion	Ratio	Lower	Upper
59	100		
57	7.2	7.7	11.5#



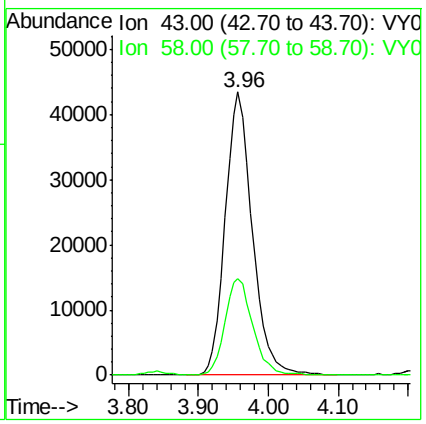


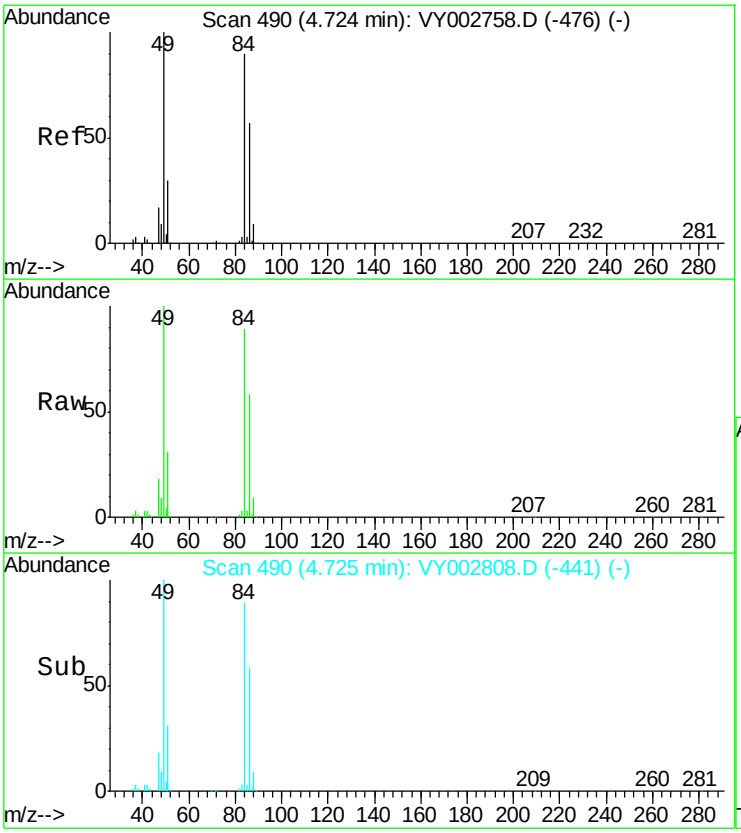
#16
Acetone
Concen: 193.506 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion: 43 Resp: 117054

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.7	41.5

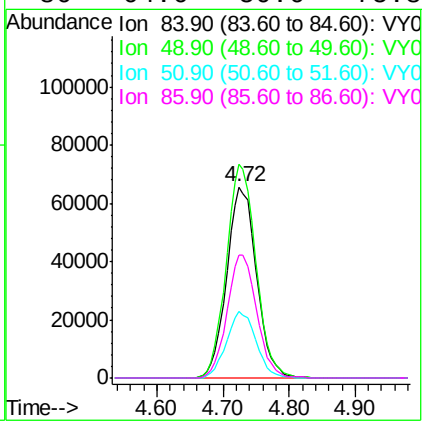


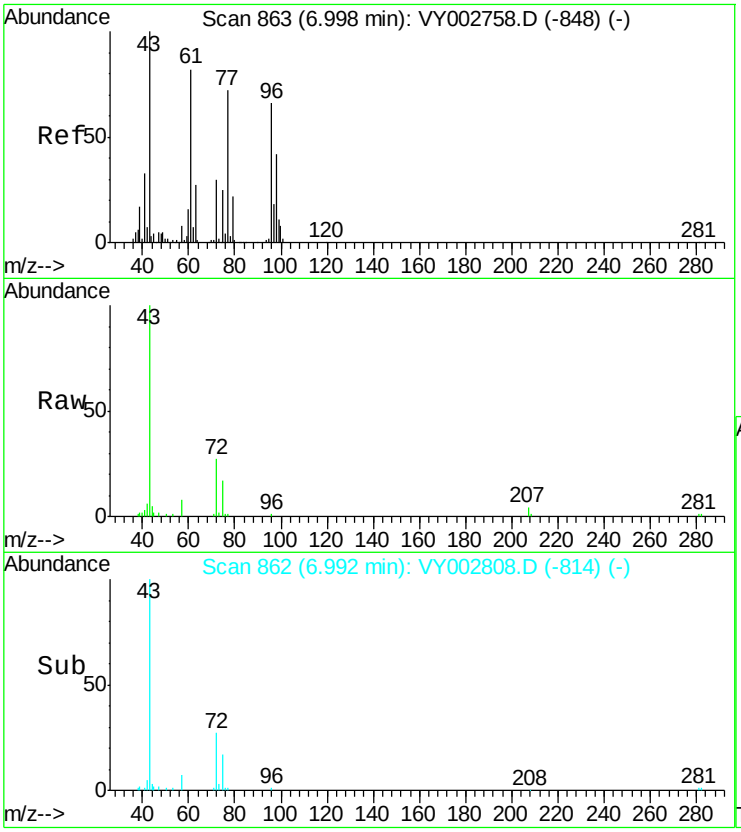


#20
Methylene Chloride
Concen: 69.162 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion: 84 Resp: 204454

Ion	Ratio	Lower	Upper
84	100		
49	112.0	88.5	132.7
51	34.6	26.8	40.2
86	64.6	50.6	75.8



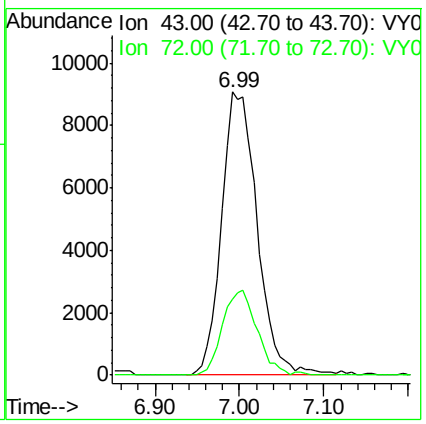


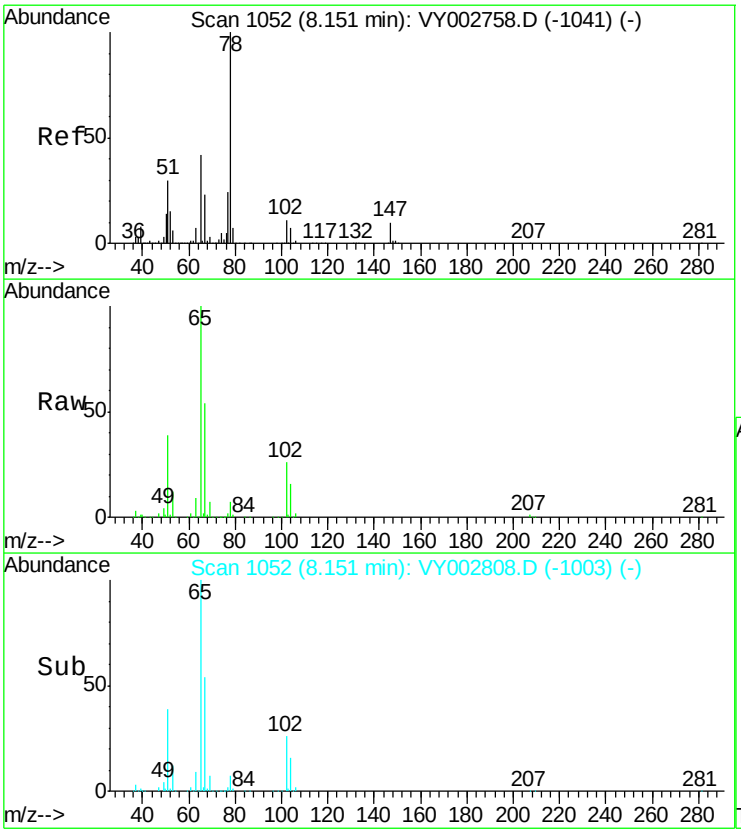
#25
2-Butanone
Concen: 27.733 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion: 43 Resp: 26137

Ion	Ratio	Lower	Upper
43	100		
72	27.0	23.9	35.9

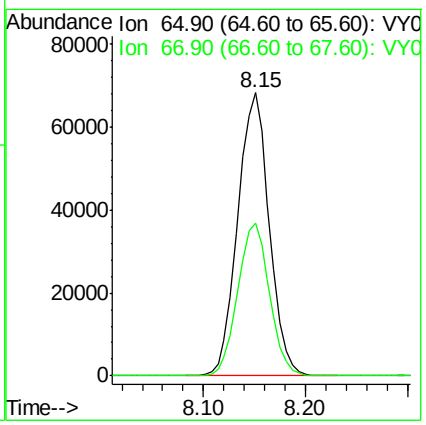


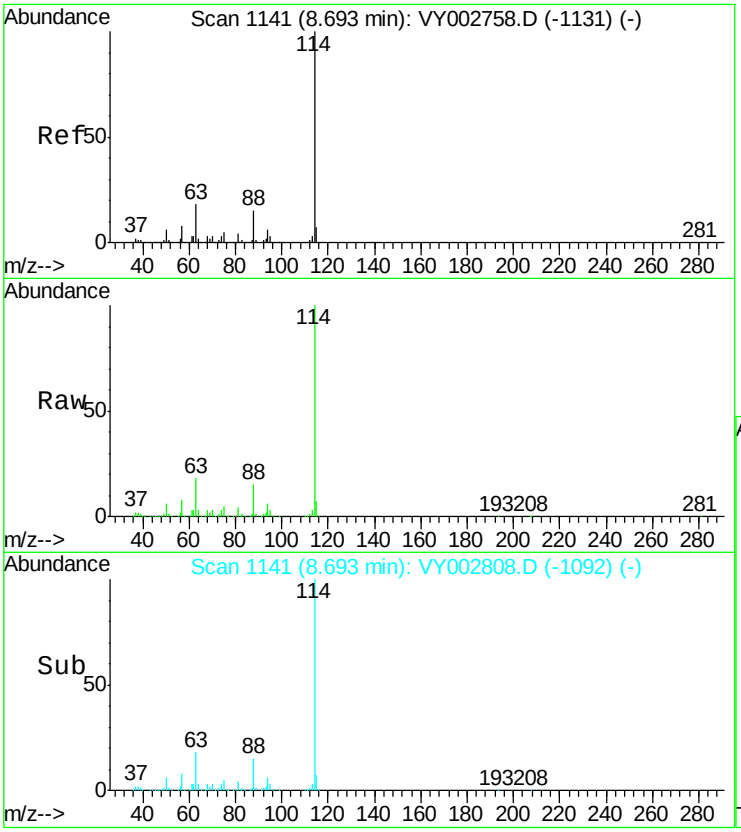


#33
1,2-Dichloroethane-d4
Concen: 56.744 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion: 65 Resp: 146383

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	111.0



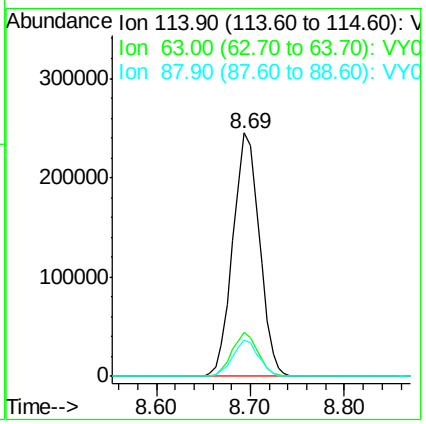


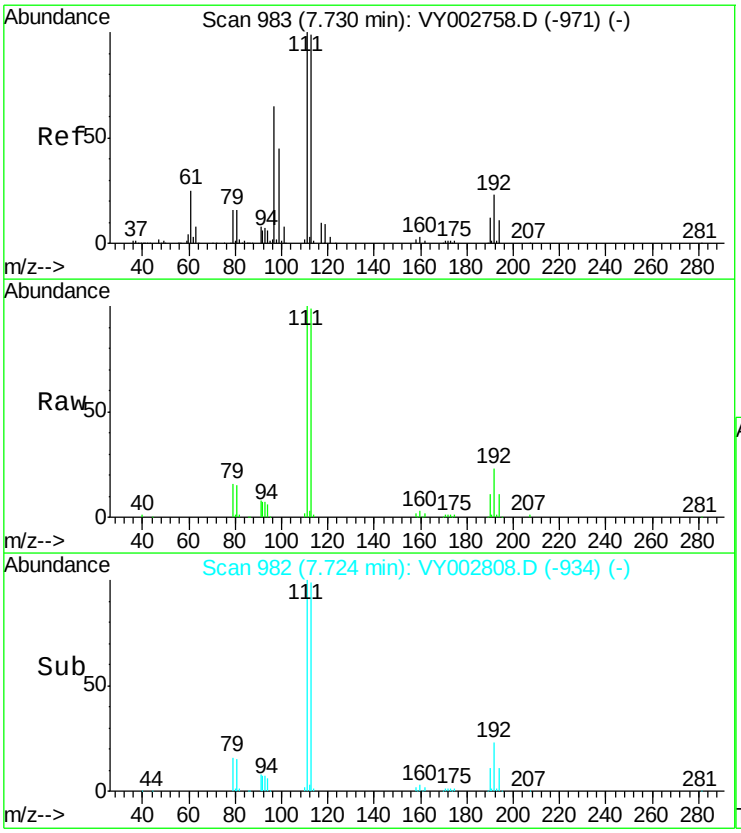
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion:114 Resp: 481187

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.7	0.0	29.2

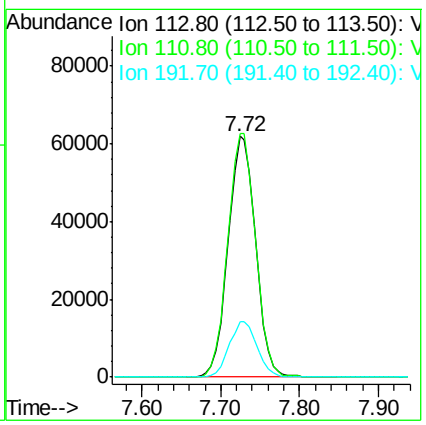


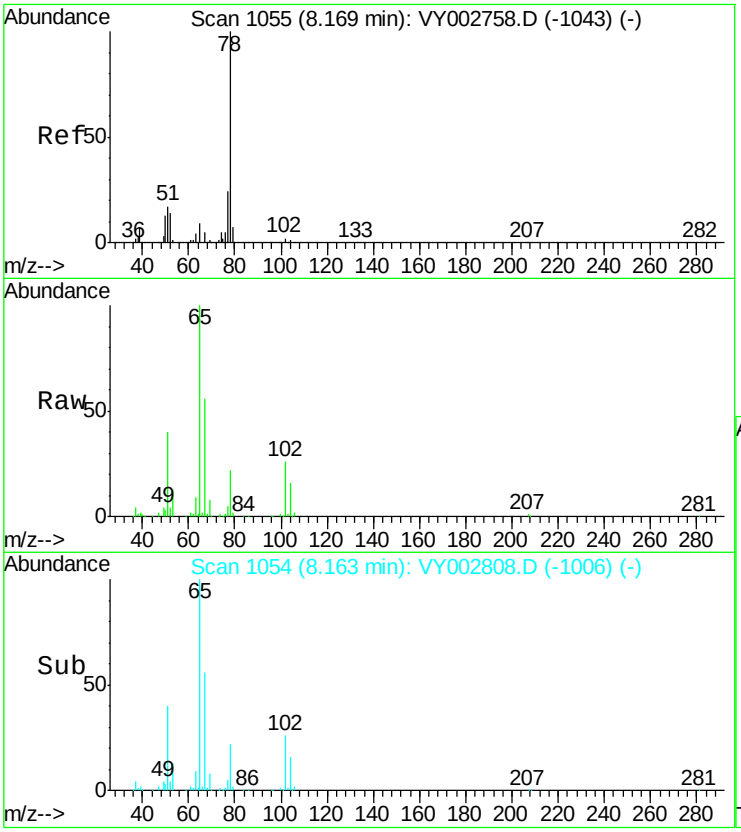


#35
Dibromofluoromethane
Concen: 53.115 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion:113 Resp: 149784

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.3	18.9	28.3



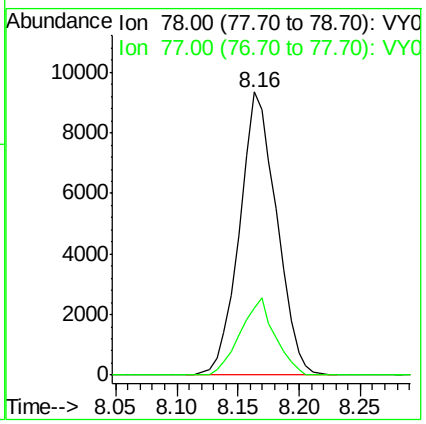


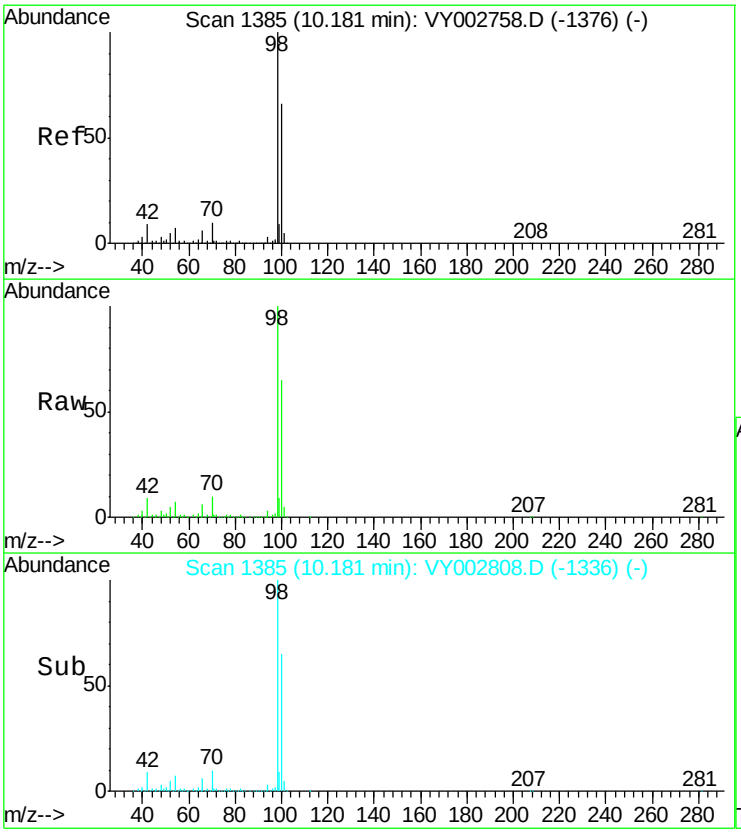
#40
Benzene
Concen: 1.649 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion: 78 Resp: 19752

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

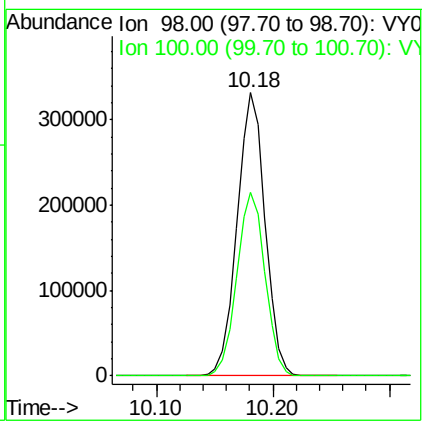


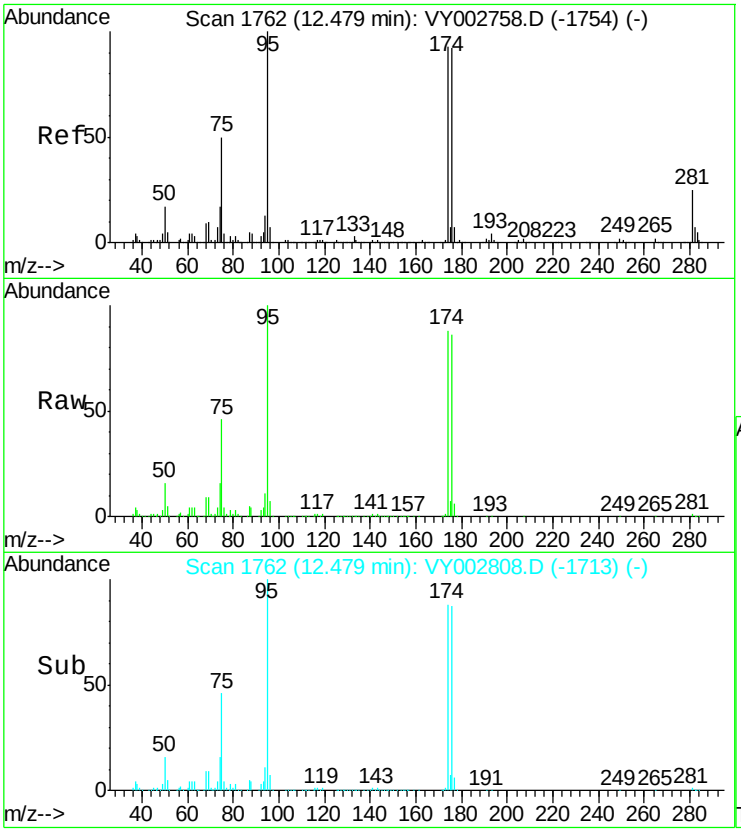


#50
Toluene-d8
Concen: 48.783 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion: 98 Resp: 556219

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



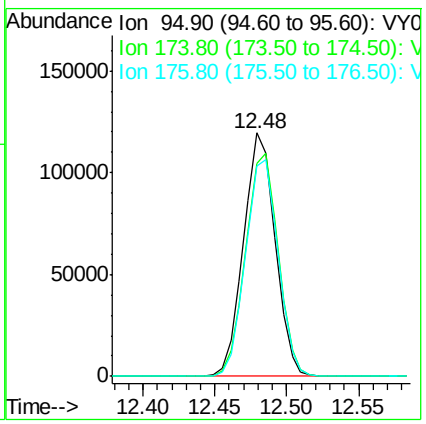


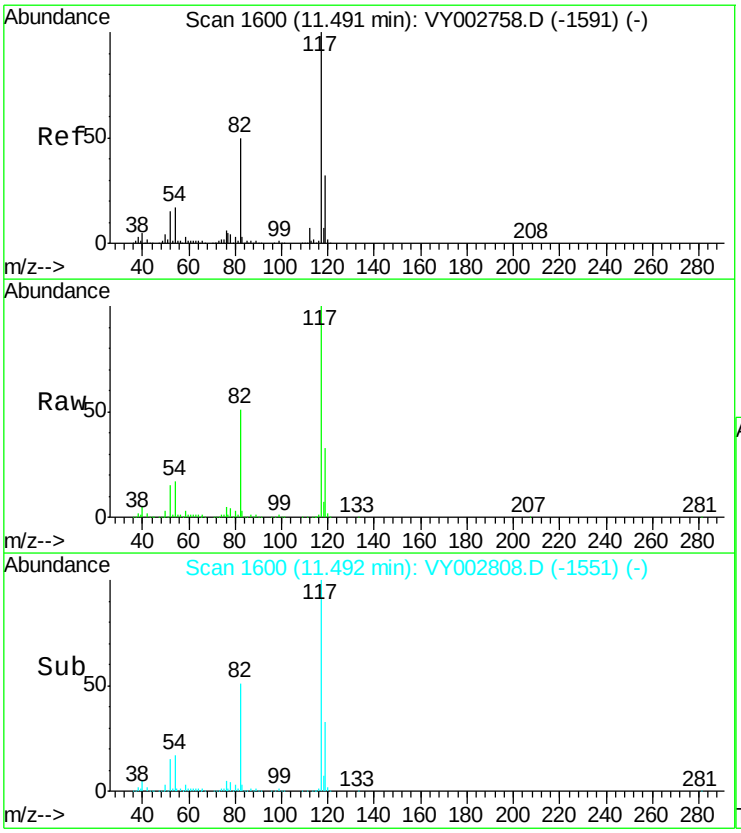
#62
4-Bromofluorobenzene
Concen: 46.601 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion: 95 Resp: 181589

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	191.2
176	91.6	0.0	188.8

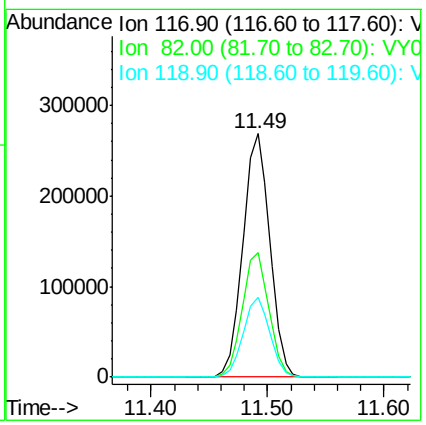


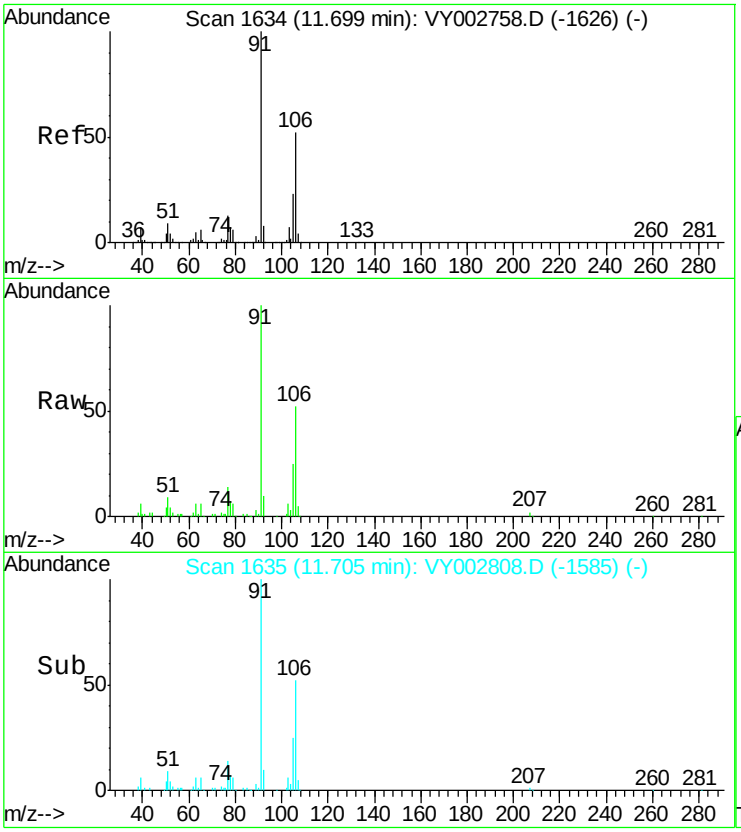


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion:117 Resp: 433646

Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.2	60.4
119	32.9	25.8	38.8



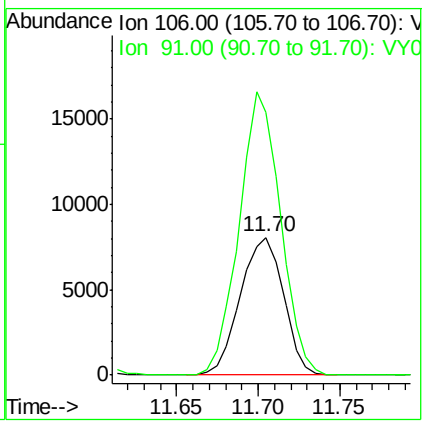


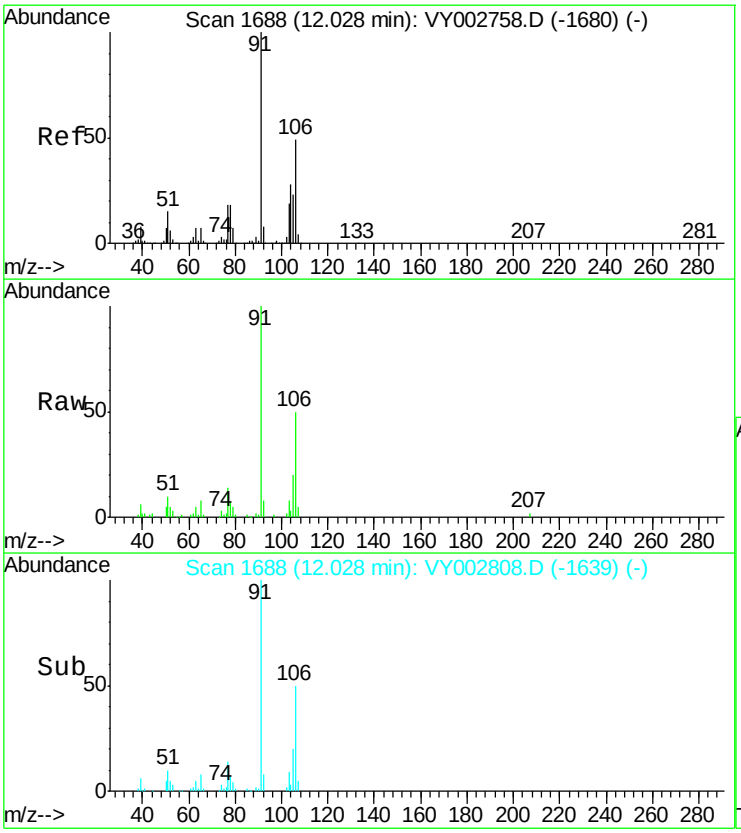
#68
m/p-Xylenes
Concen: 2.586 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion:106 Resp: 14898

Ion	Ratio	Lower	Upper
106	100		
91	197.2	156.0	234.0

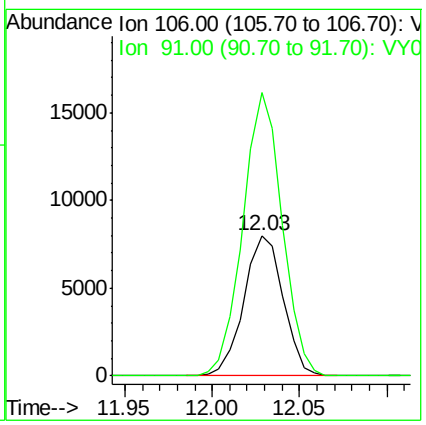


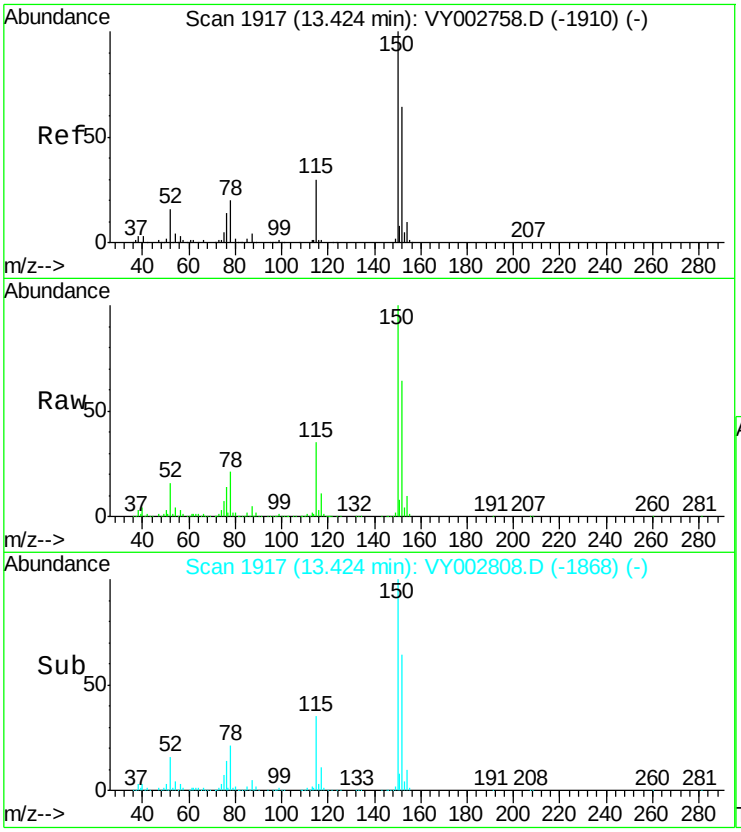


#69
o-Xylene
Concen: 2.301 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion:106 Resp: 12514

Ion	Ratio	Lower	Upper
106	100		
91	201.6	102.4	307.1



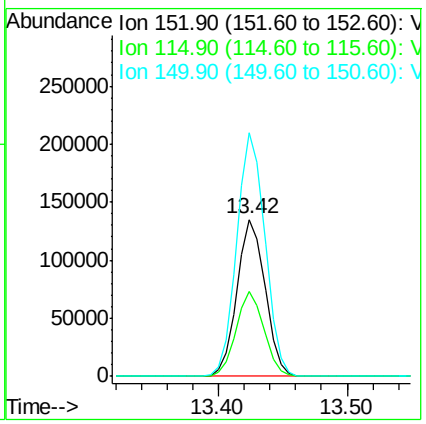


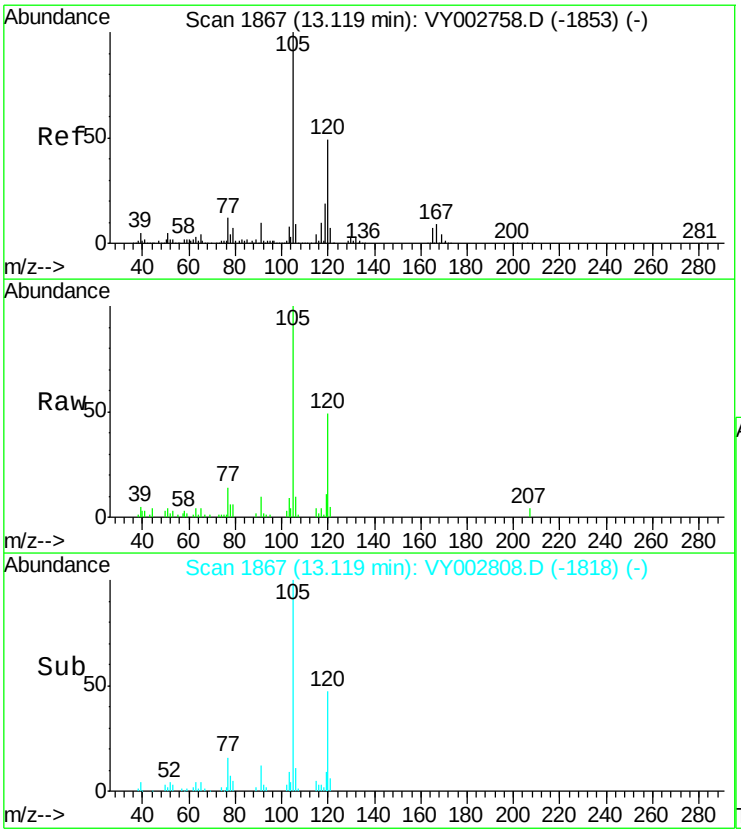
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion:152 Resp: 204154

Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	156.1	0.0	344.8

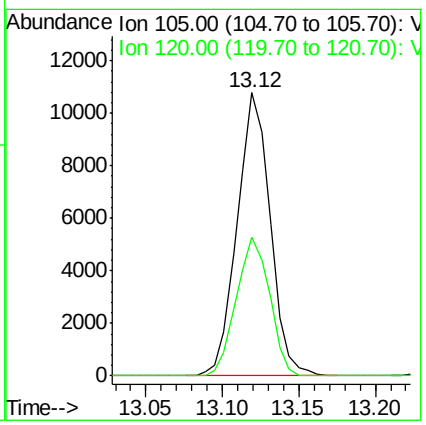


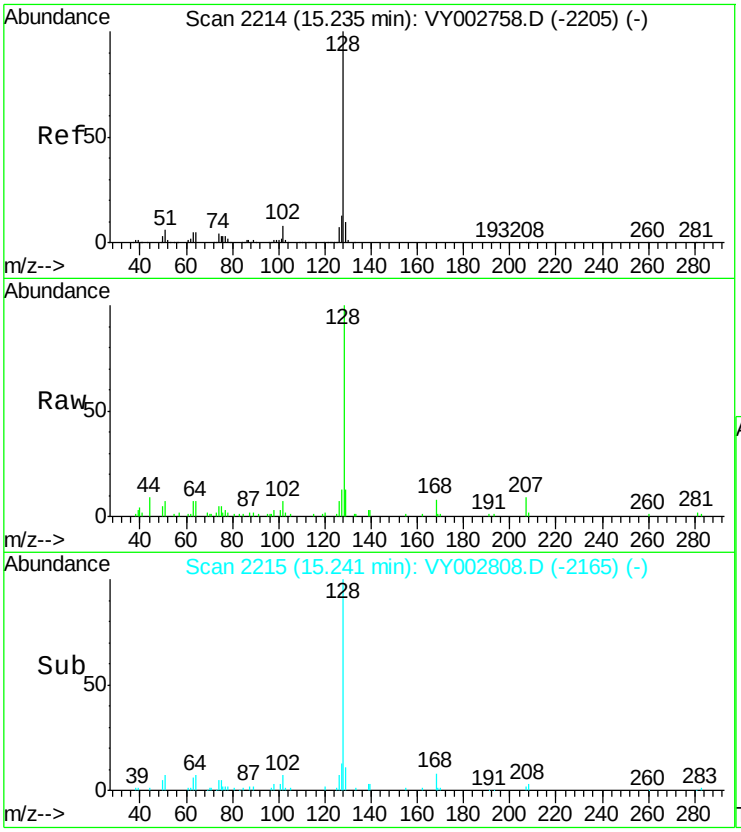


#84
1,2,4-Trimethylbenzene
Concen: 1.473 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Tgt Ion:105 Resp: 16178

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.6	70.8





#95
Naphthalene
Concen: 1.599 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002808.D
Acq: 01 Jun 2020 14:50

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tgt Ion:128 Resp: 14143

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	12.0	8.7	13.1