Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050520\
Data File : VY002582.D
Acq On : 05 May 2020 13:36
Operator : SY/MD
Sample : L2456-02
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 201-206

Quant Time: May 06 07:00:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	330117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	528493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	461661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	208688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	156742	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.94%			
35) Dibromofluoromethane	7.73	113	160709	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.34%			
50) Toluene-d8	10.19	98	605206	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
62) 4-Bromofluorobenzene	12.49	95	194786	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.98	59	14678	51.399	ug/l	99
39) Methylcyclohexane	9.19	83	6254	1.069	ug/l	91
52) Toluene	10.25	92	22756	2.767	ug/l	99
67) Ethyl Benzene	11.60	91	273415	17.736	ug/l	99
68) m/p-Xylenes	11.71	106	79888	13.393	ug/l	100
69) o-Xylene	12.03	106	251521	45.036	ug/l	99
73) Isopropylbenzene	12.33	105	30495	2.255	ug/l	99
78) n-propylbenzene	12.68	91	211802	13.494	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	253657	22.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	390603	34.959	ug/l	99
86) p-Isopropyltoluene	13.38	119	21606	1.690	ug/l	97
89) n-Butylbenzene	13.70	91	45988	3.952	ug/l #	70
95) Naphthalene	15.24	128	95429	12.626	ug/l	99

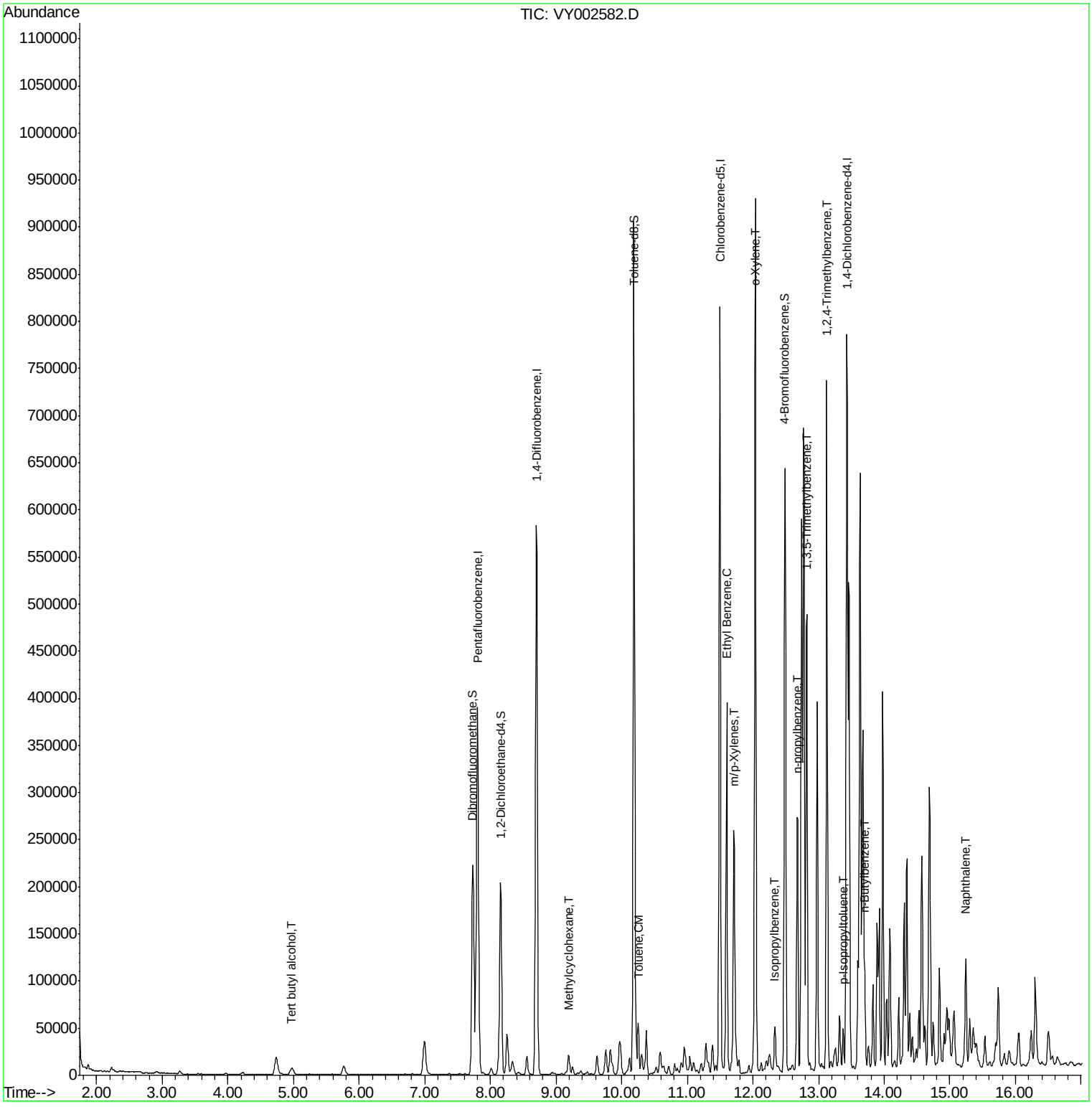
(#) = qualifier out of range (m) = manual integration (+) = signals summed

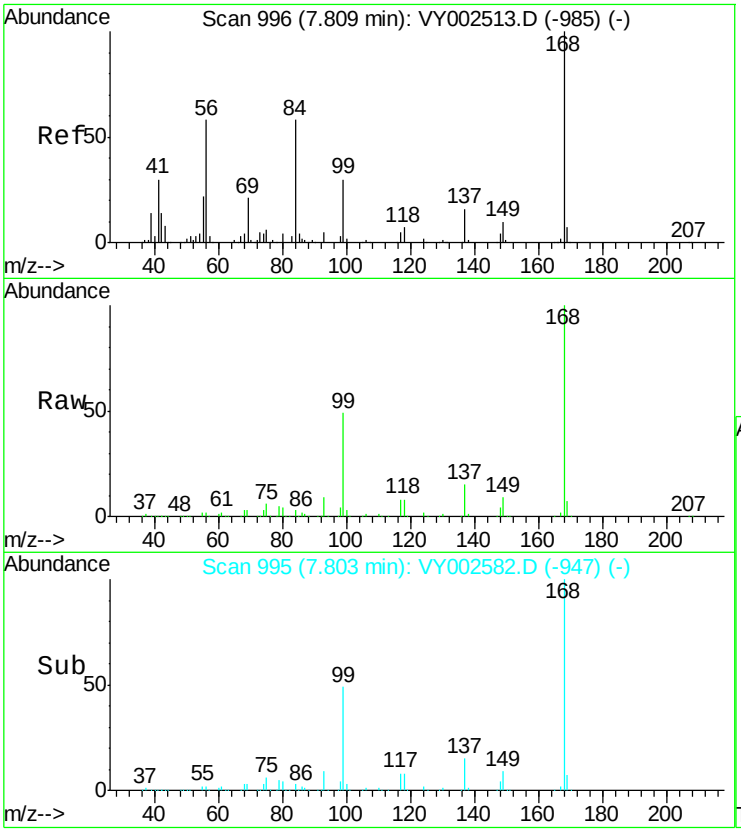
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050520\
Data File : VY002582.D
Acq On : 05 May 2020 13:36
Operator : SY/MD
Sample : L2456-02
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 201-206

Quant Time: May 06 07:00:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



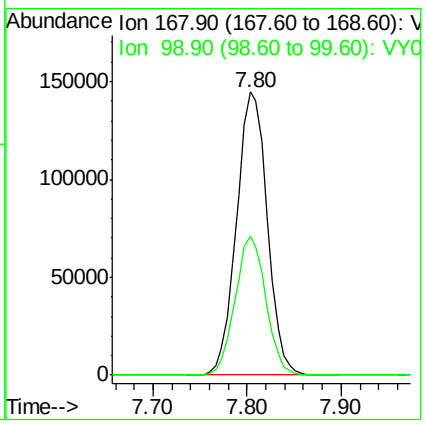


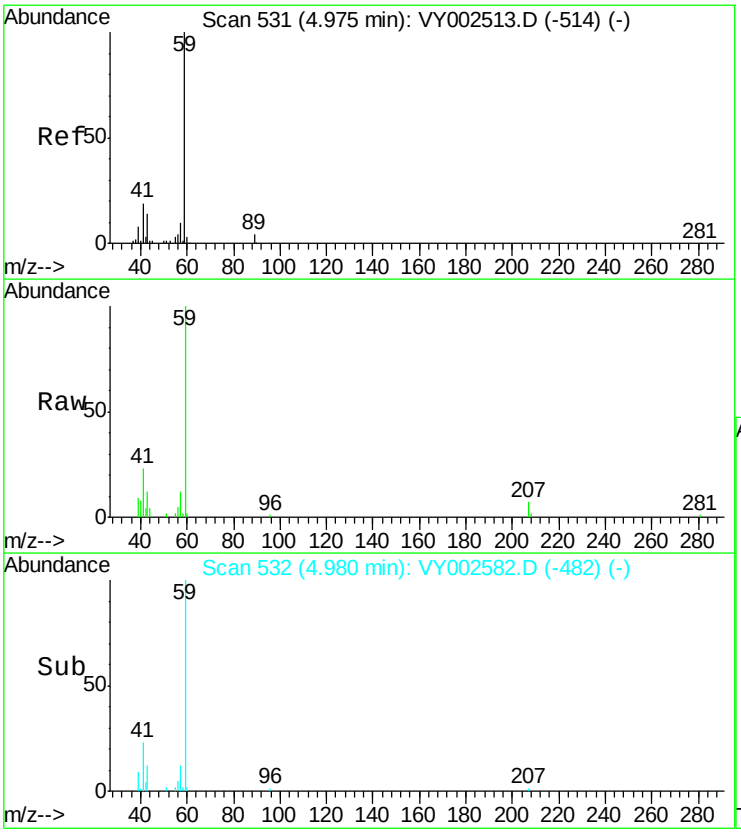
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tgt Ion:168 Resp: 330117

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.2	58.8

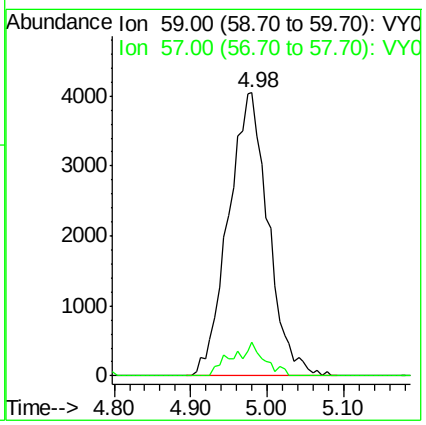


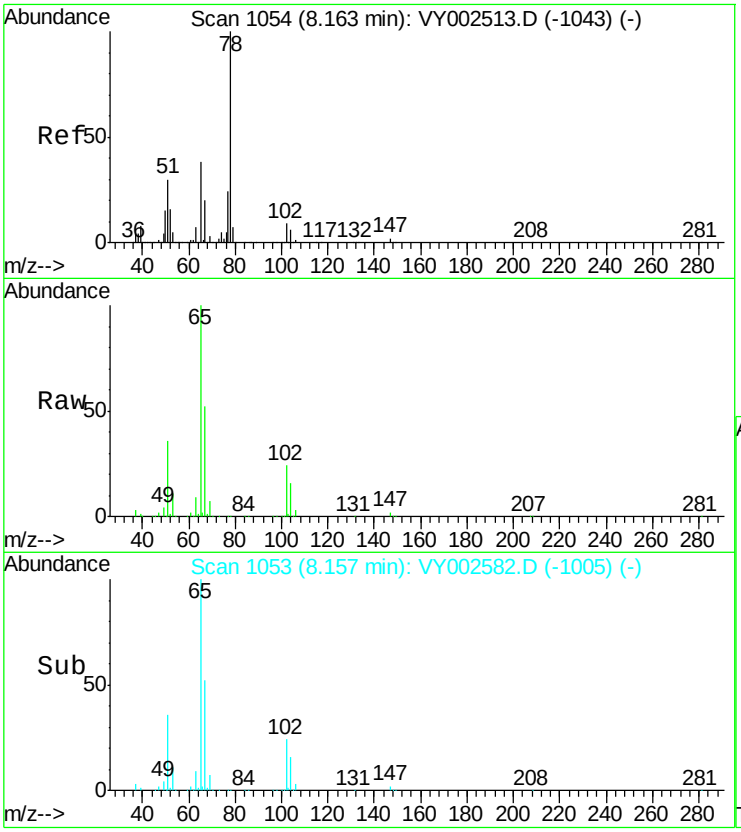


#11
Tert butyl alcohol
Concen: 51.399 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion: 59 Resp: 14678

Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.6



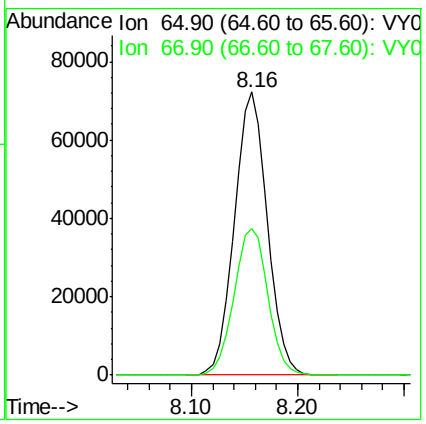


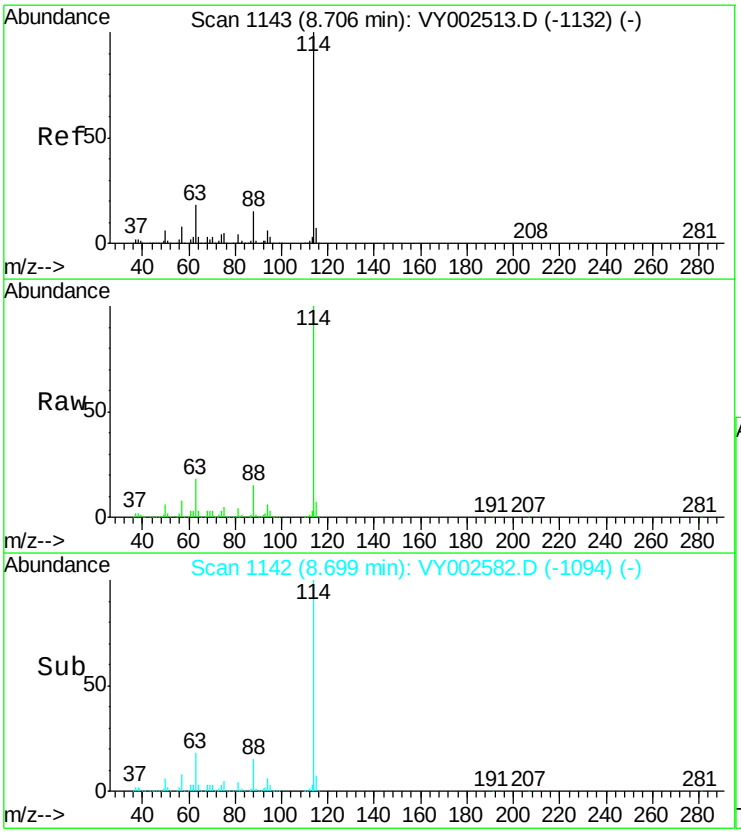
#33
1,2-Dichloroethane-d4
Concen: 56.470 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument : MSVOA_Y
ClientSampleId : 201-206

Tgt Ion: 65 Resp: 156742

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

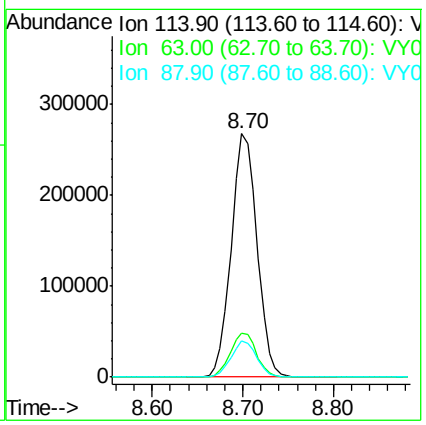


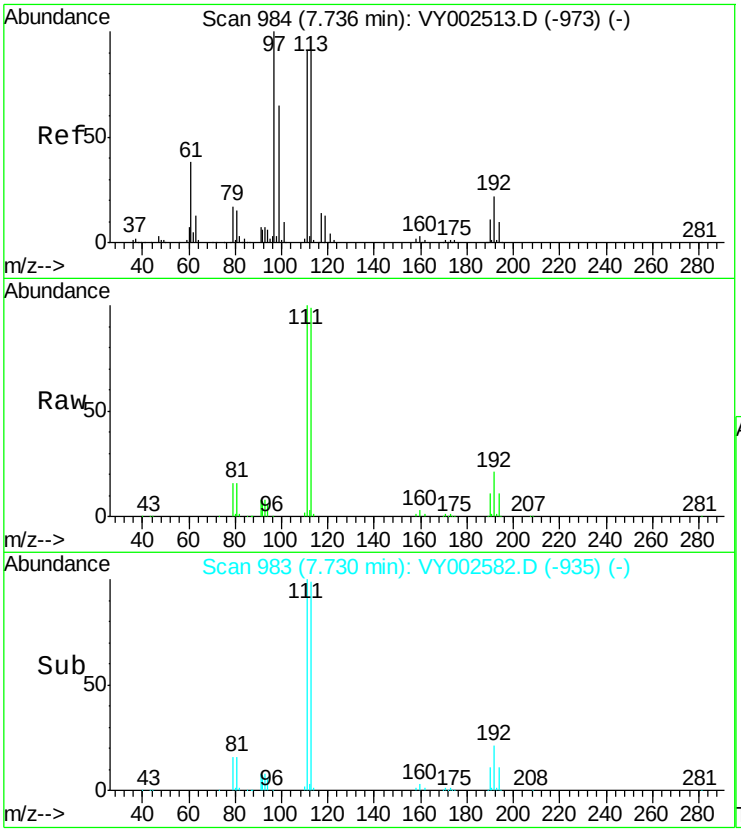


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion:114 Resp: 528493

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.4
88	14.9	0.0	29.6



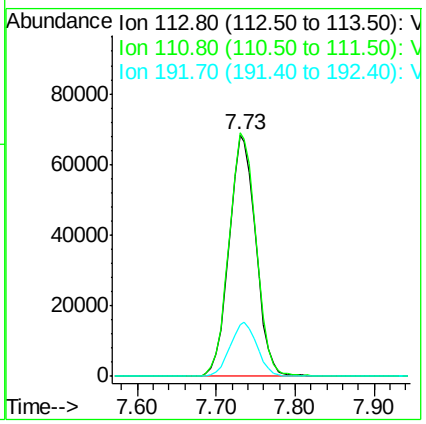


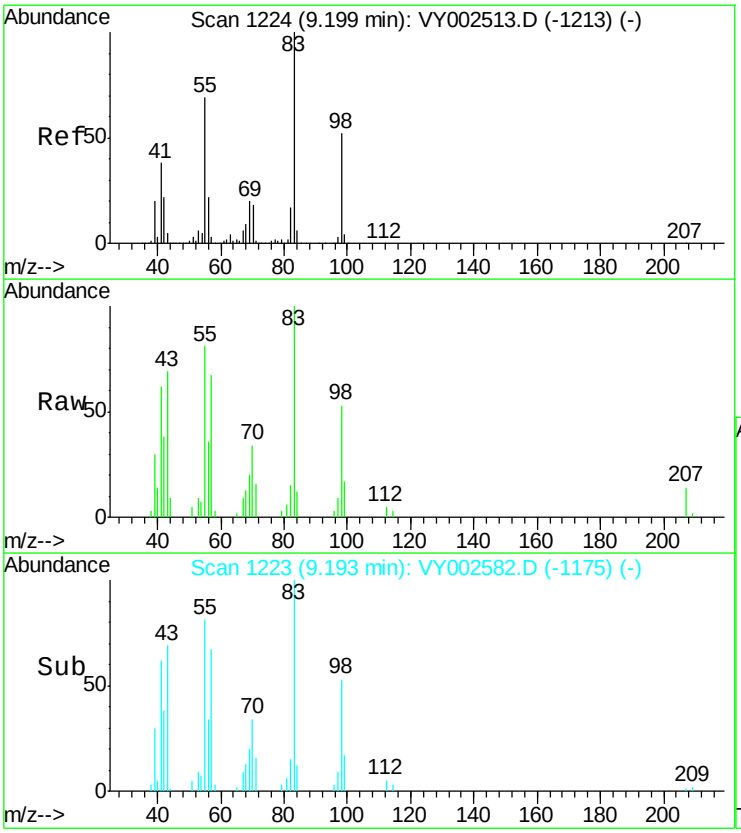
#35
Dibromofluoromethane
Concen: 53.171 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument : MSVOA_Y
ClientSampleId : 201-206

Tgt Ion:113 Resp: 160709

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	22.4	18.2	27.4

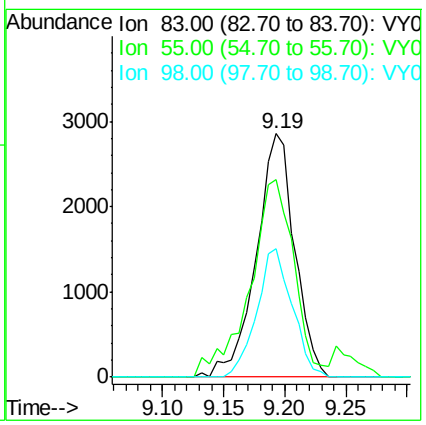


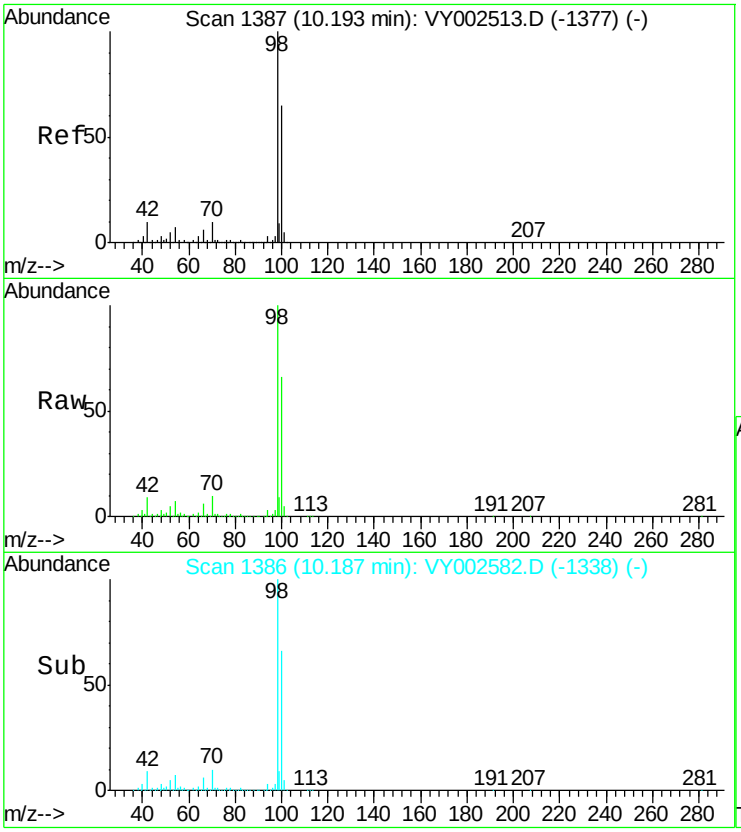


#39
Methylcyclohexane
Concen: 1.069 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion: 83 Resp: 6254

Ion	Ratio	Lower	Upper
83	100		
55	81.0	55.4	83.0
98	52.5	41.3	61.9



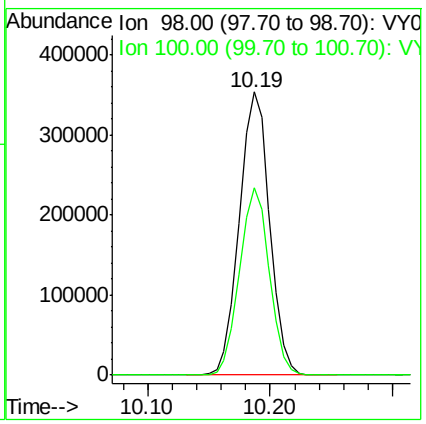


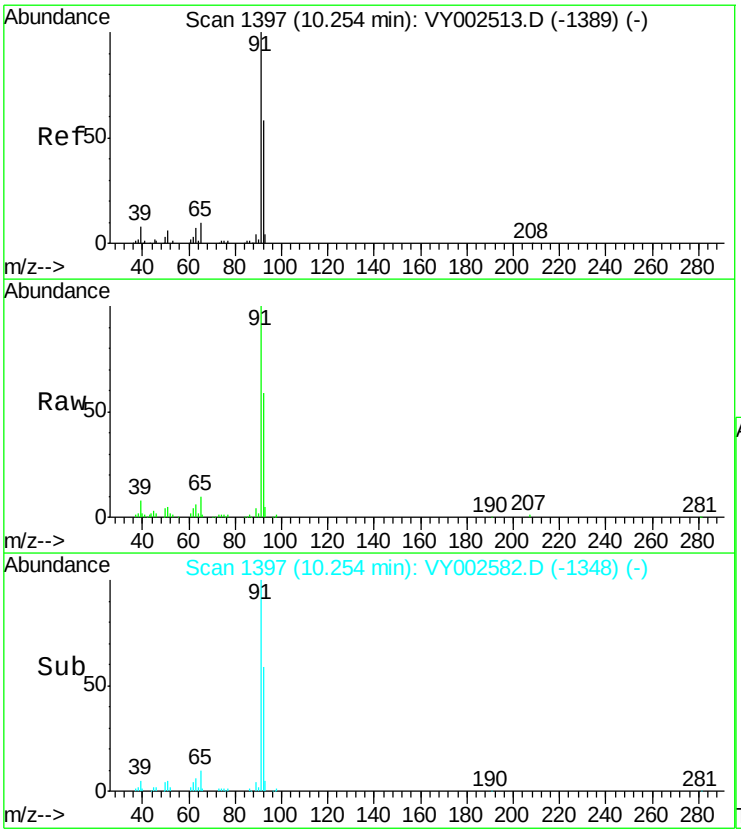
#50
Toluene-d8
Concen: 51.275 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tgt Ion: 98 Resp: 605206

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

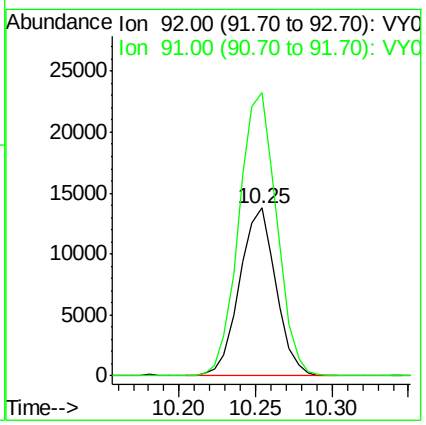


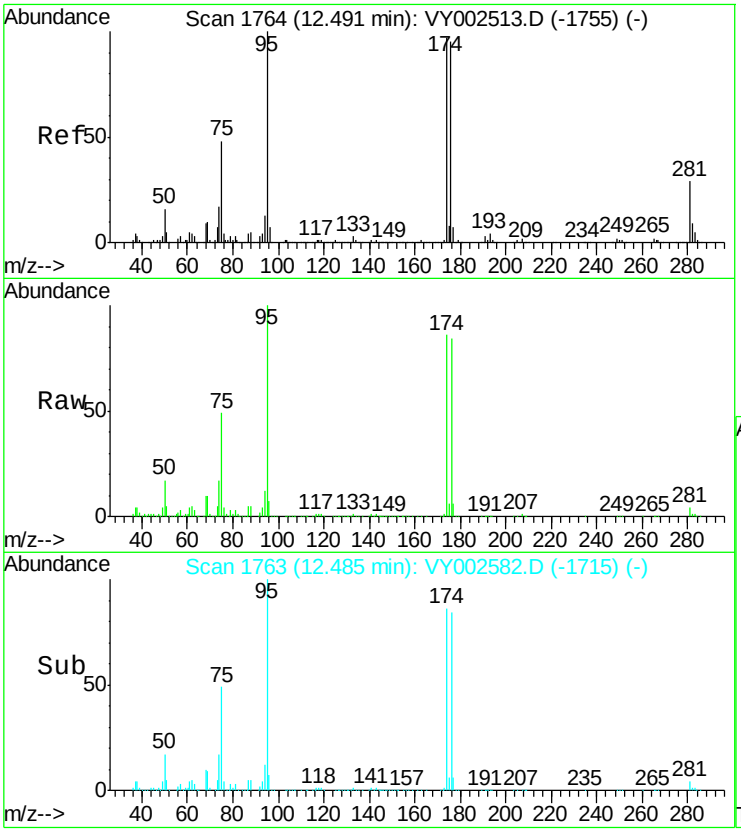


#52
Toluene
Concen: 2.767 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion: 92 Resp: 22756

Ion	Ratio	Lower	Upper
92	100		
91	175.1	139.3	208.9



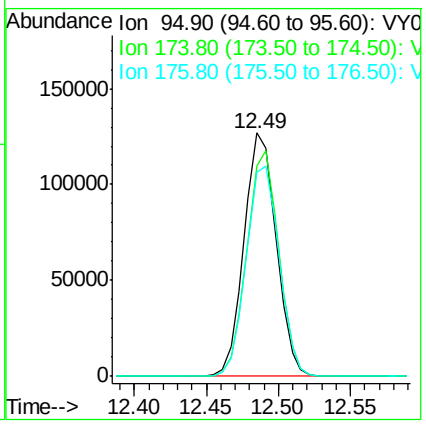


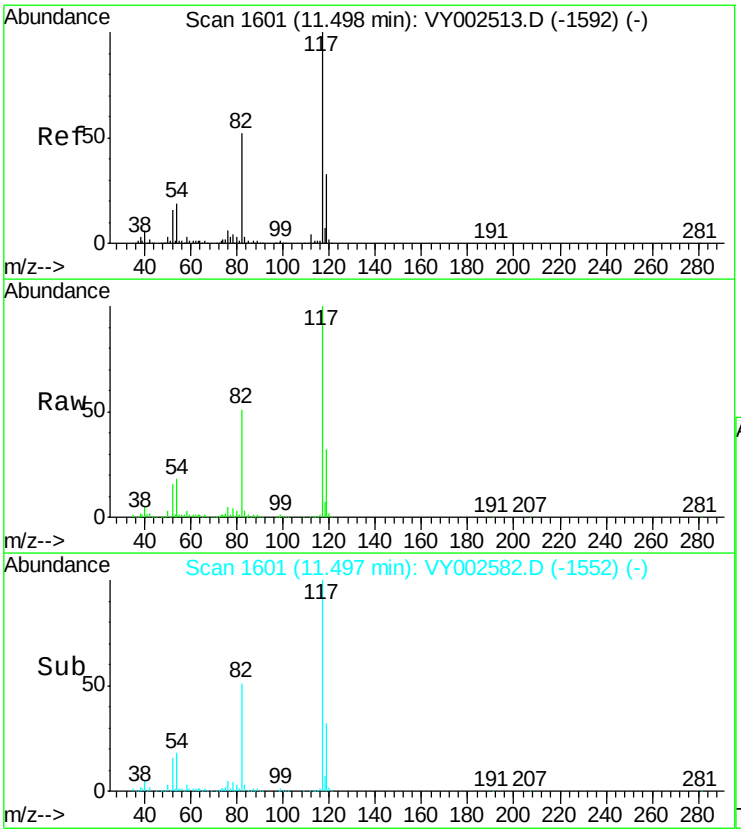
#62
4-Bromofluorobenzene
Concen: 48.634 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument : MSVOA_Y
ClientSampleId : 201-206

Tgt Ion: 95 Resp: 194786

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	188.8
176	88.9	0.0	183.2

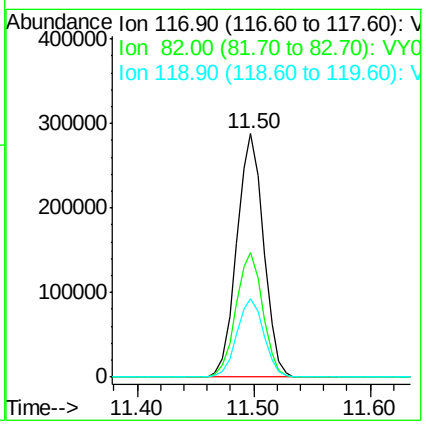


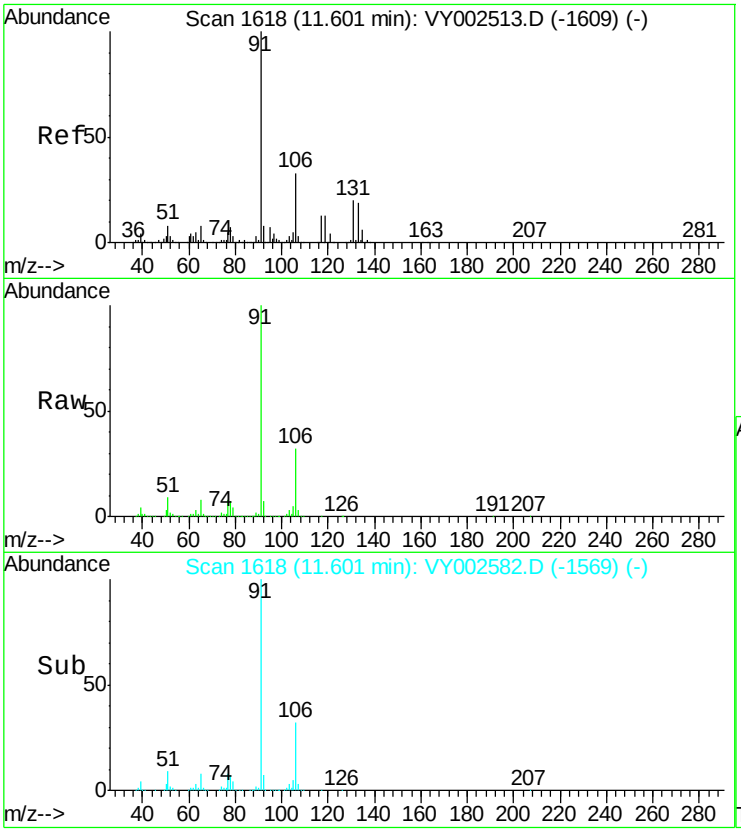


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion:117 Resp: 461661

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.3	61.9
119	32.5	26.0	39.0



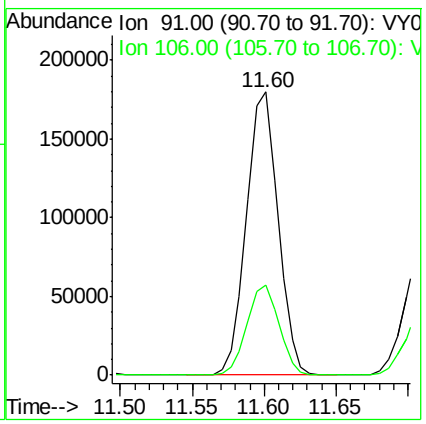


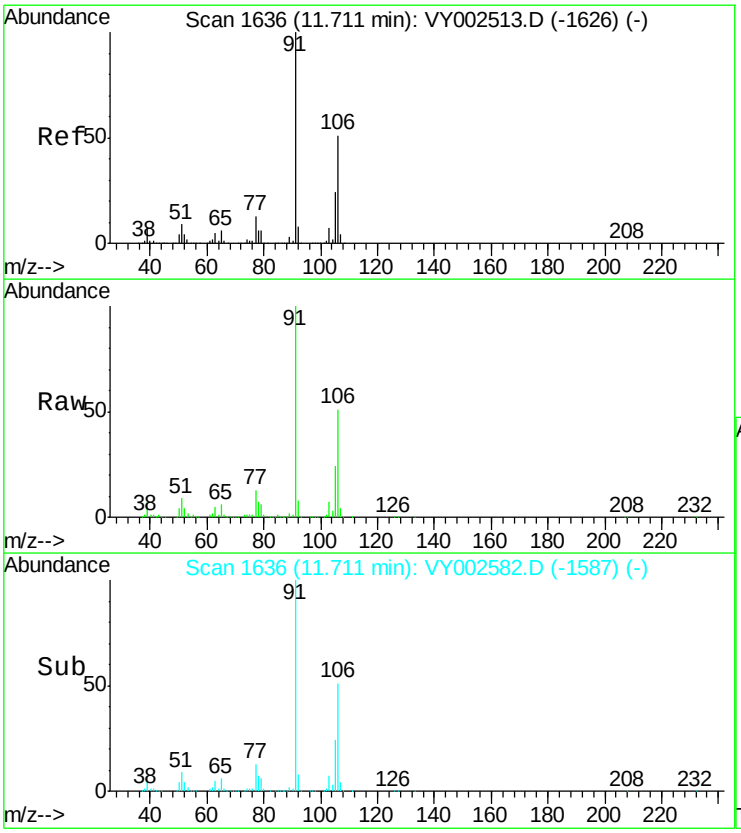
#67
Ethyl Benzene
Concen: 17.736 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument : MSVOA_Y
ClientSampleId : 201-206

Tgt Ion: 91 Resp: 273415

Ion	Ratio	Lower	Upper
91	100		
106	31.8	26.1	39.1

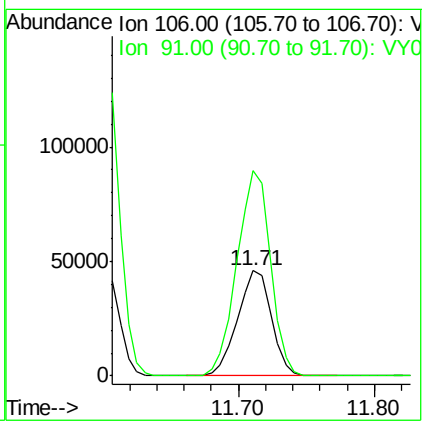


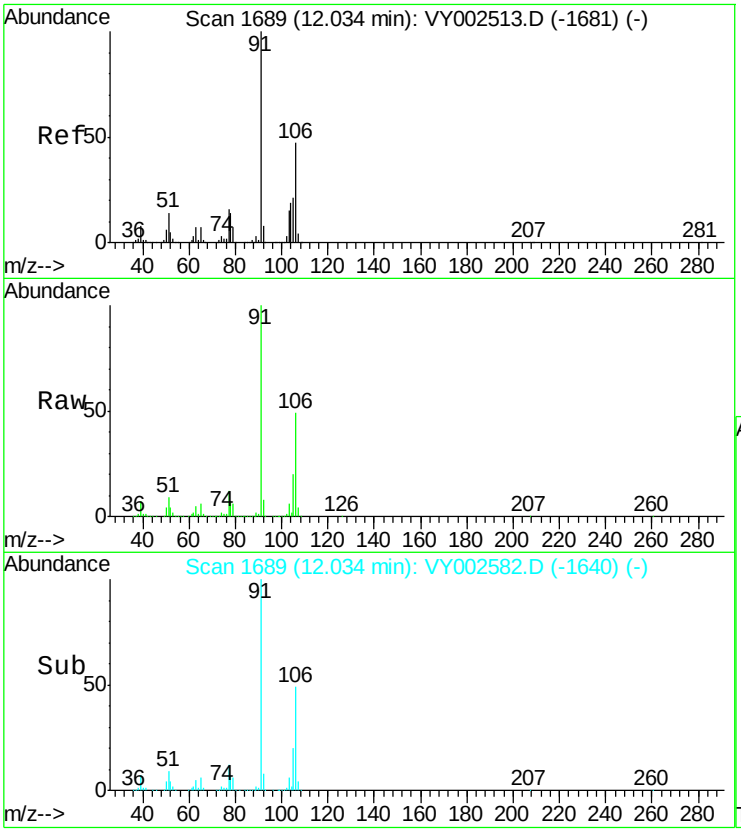


#68
m/p-Xylenes
Concen: 13.393 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion:106 Resp: 79888

Ion	Ratio	Lower	Upper
106	100		
91	194.0	155.2	232.8



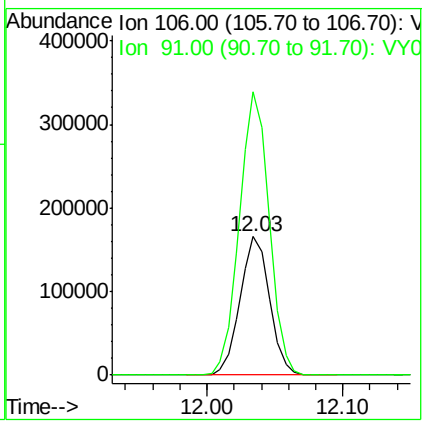


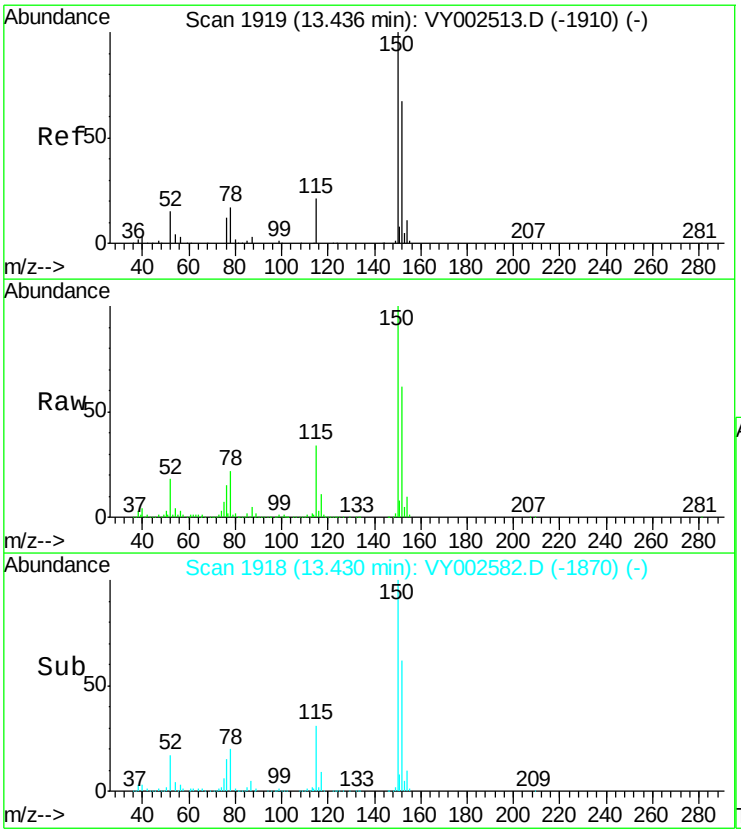
#69
o-Xylene
Concen: 45.036 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tgt Ion:106 Resp: 251521

Ion	Ratio	Lower	Upper
106	100		
91	206.1	103.8	311.3

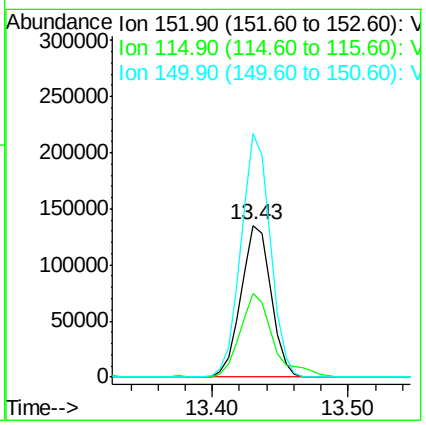


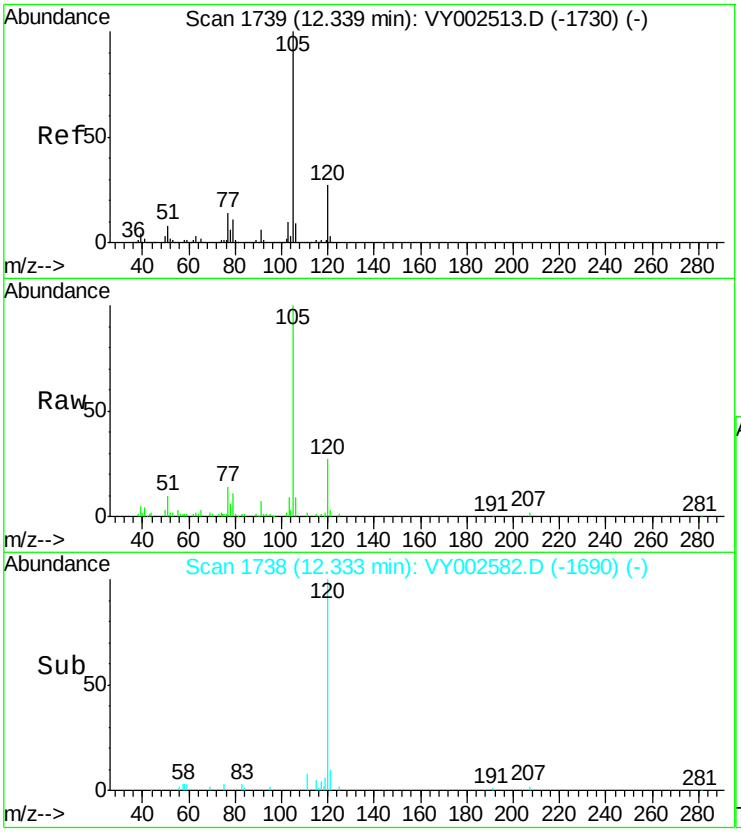


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion:152 Resp: 208688

Ion	Ratio	Lower	Upper
152	100		
115	60.1	27.5	82.4
150	156.9	0.0	346.4



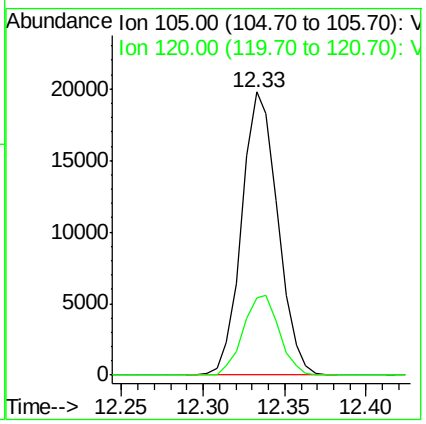


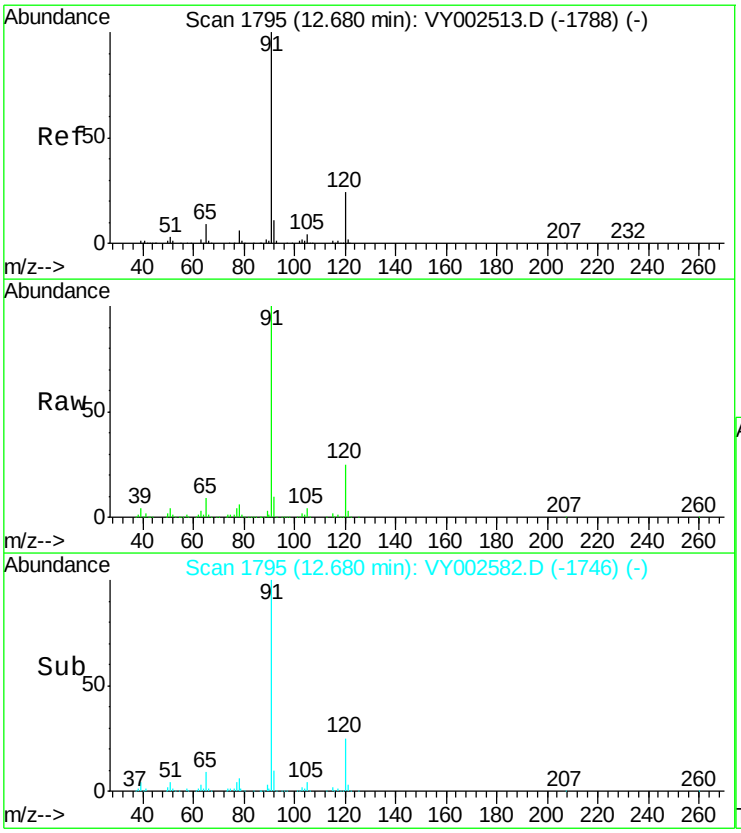
#73
Isopropylbenzene
Concen: 2.255 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument : MSVOA_Y
ClientSampleId : 201-206

Tgt Ion:105 Resp: 30495

Ion	Ratio	Lower	Upper
105	100		
120	28.3	13.8	41.3

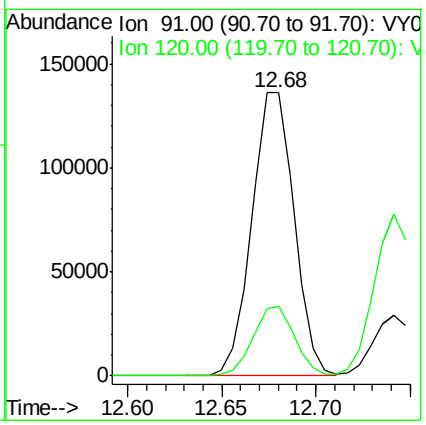


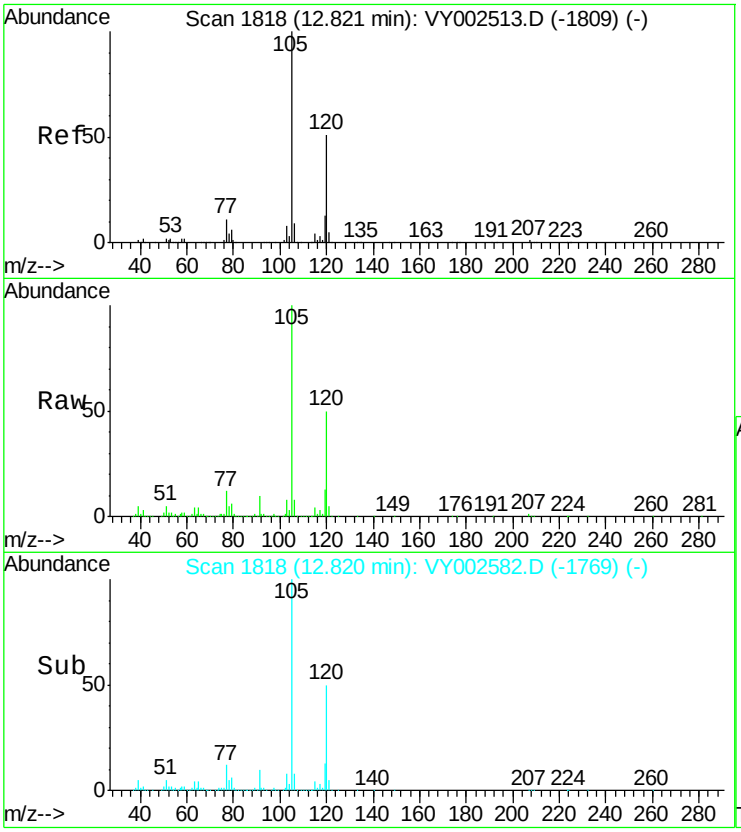


#78
n-propylbenzene
Concen: 13.494 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion: 91 Resp: 211802

Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.4



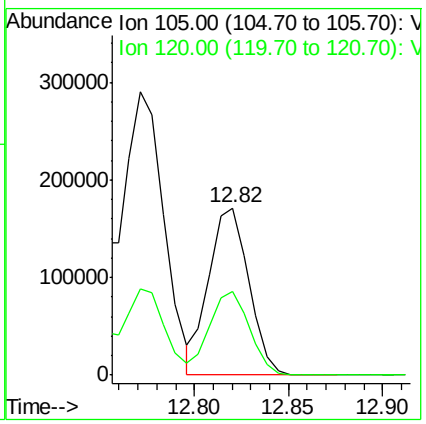


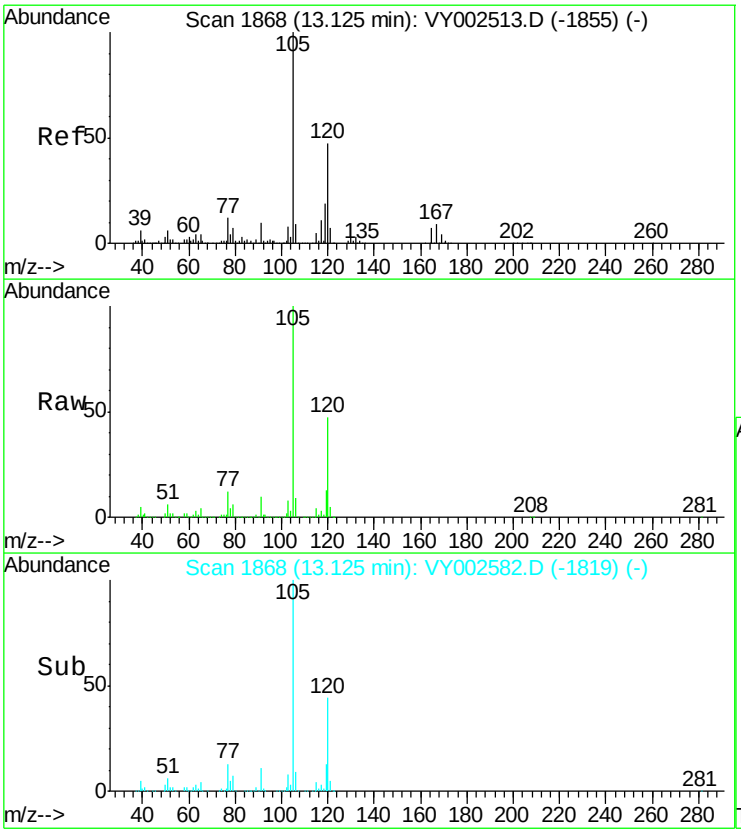
#80
1,3,5-Trimethylbenzene
Concen: 22.625 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tgt Ion:105 Resp: 253657

Ion	Ratio	Lower	Upper
105	100		
120	50.0	25.3	75.9

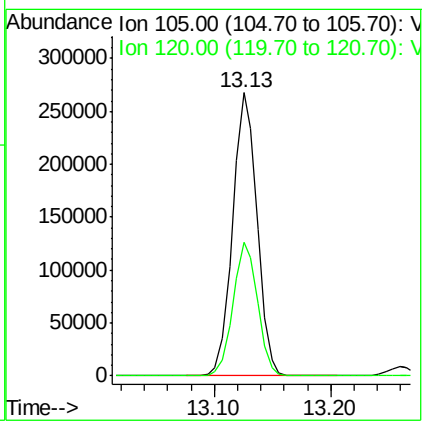


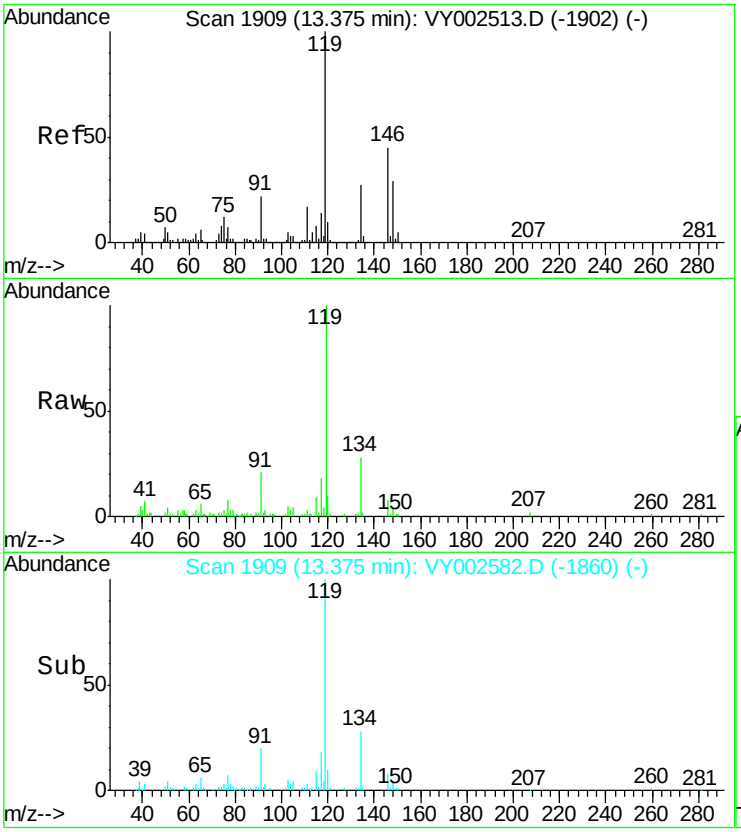


#84
1,2,4-Trimethylbenzene
Concen: 34.959 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion:105 Resp: 390603

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.3



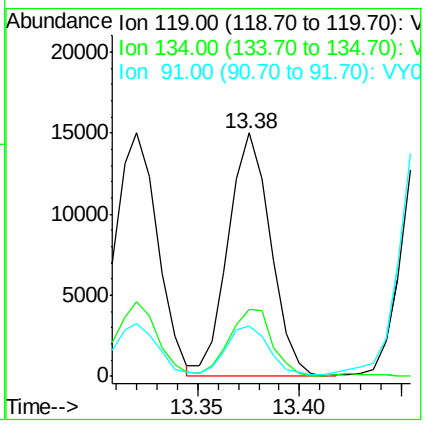


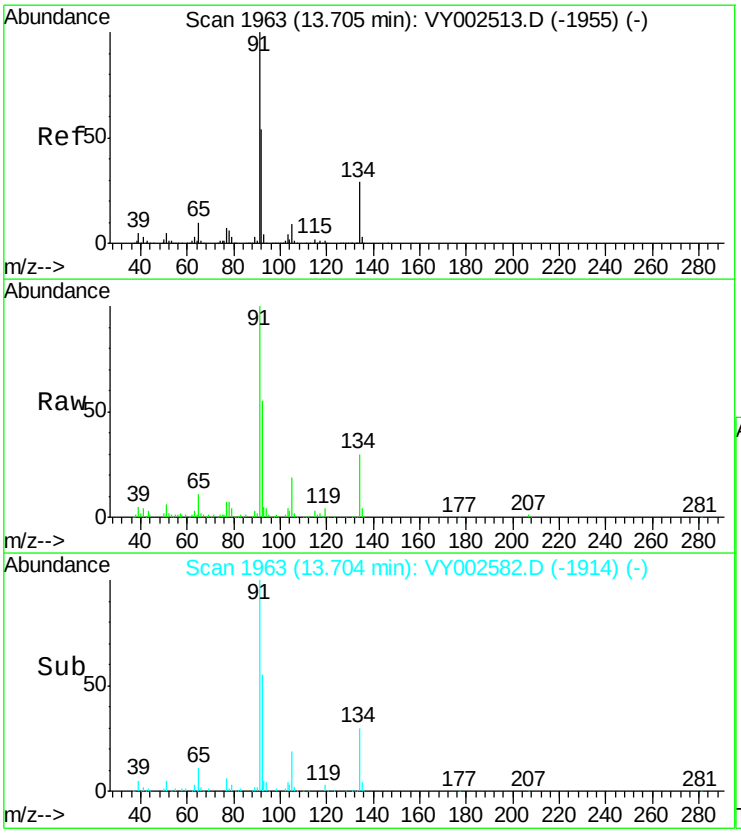
#86
p-Isopropyltoluene
Concen: 1.690 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tgt Ion:119 Resp: 21606

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.5	40.5
91	20.2	10.9	32.9

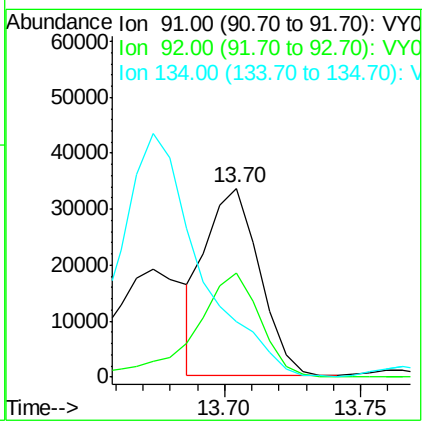


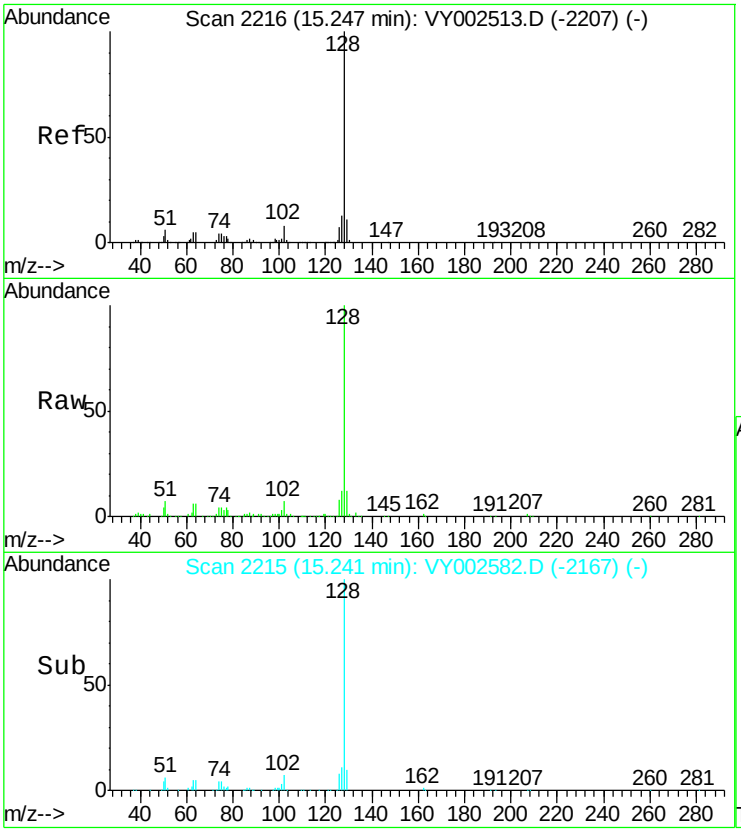


#89
n-Butylbenzene
Concen: 3.952 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Tgt Ion: 91 Resp: 45988

Ion	Ratio	Lower	Upper
91	100		
92	66.5	27.1	81.3
134	0.0	14.4	43.0#





#95
Naphthalene
Concen: 12.626 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002582.D
Acq: 05 May 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tgt Ion:128 Resp: 95429

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.5	8.8	13.2