Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070220\
Data File : VY003090.D
Acq On : 02 Jul 2020 17:10
Operator : SY/MD
Sample : L3205-03
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VNJ-214

Quant Time: Jul 03 04:10:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	440574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	160846	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.62%			
35) Dibromofluoromethane	7.72	113	153950	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.44%			
50) Toluene-d8	10.18	98	555740	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
62) 4-Bromofluorobenzene	12.48	95	198350	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.54%			
Target Compounds						Qvalue
20) Methylene Chloride	4.73	84	48045	10.801	ug/l	88
36) 1,1-Dichloropropene	7.80	75	20032	4.527	ug/l #	51
68) m/p-Xylenes	11.69	106	8381	1.417	ug/l	99
69) o-Xylene	12.03	106	6204	1.113	ug/l	88
84) 1,2,4-Trimethylbenzene	13.12	105	28776	2.403	ug/l	90
95) Naphthalene	15.23	128	15957	1.933	ug/l	98

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

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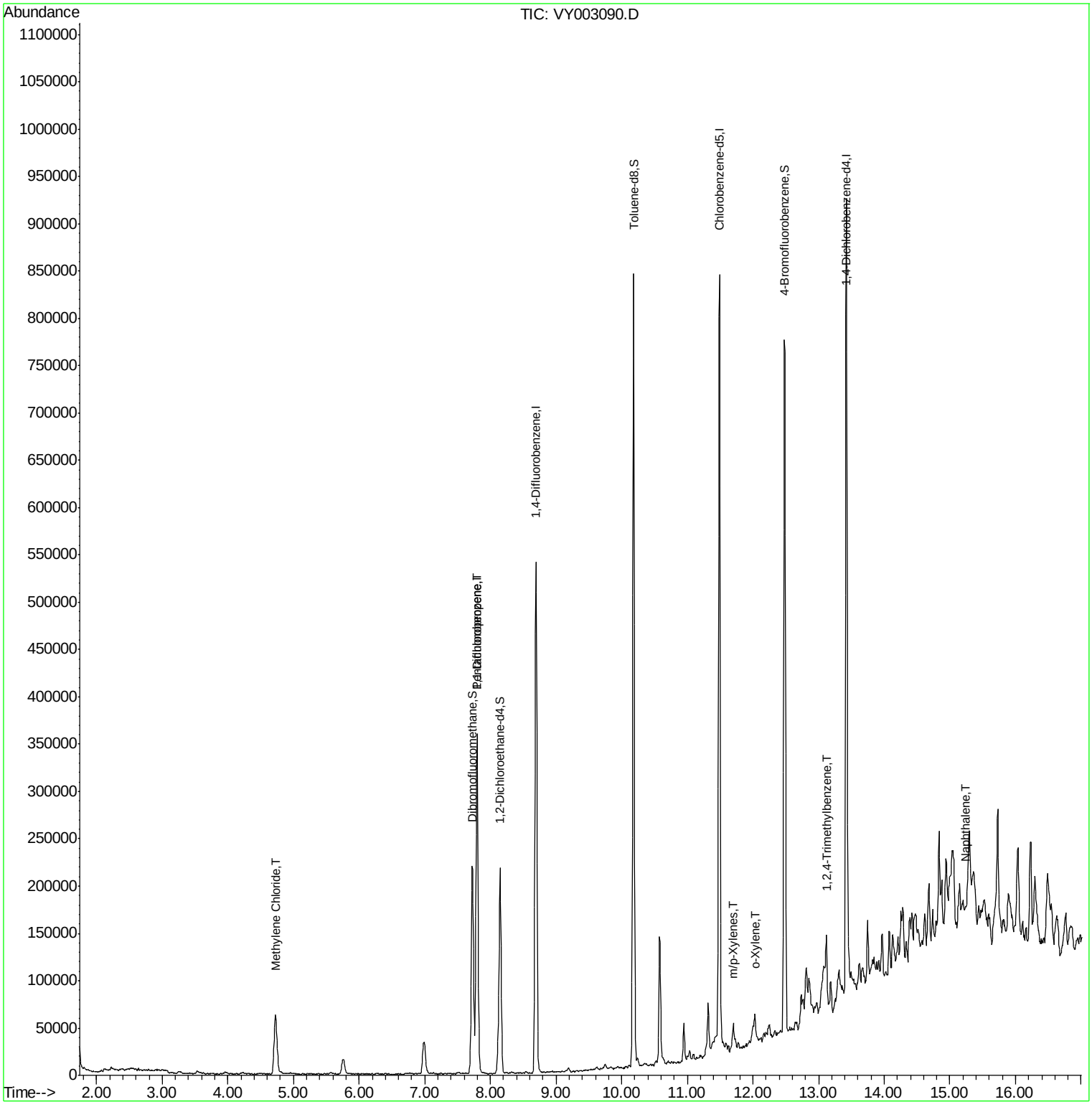
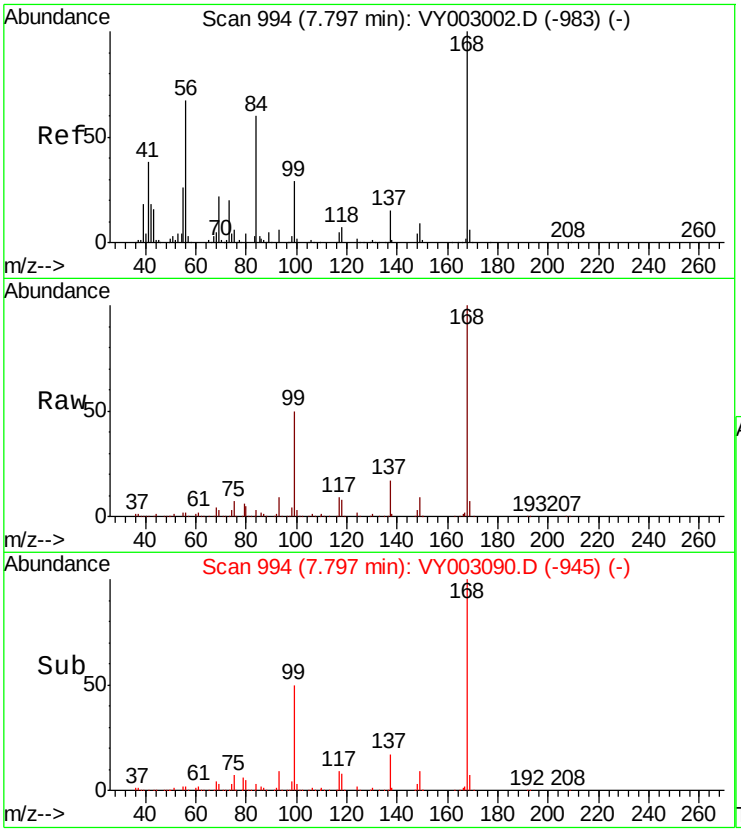


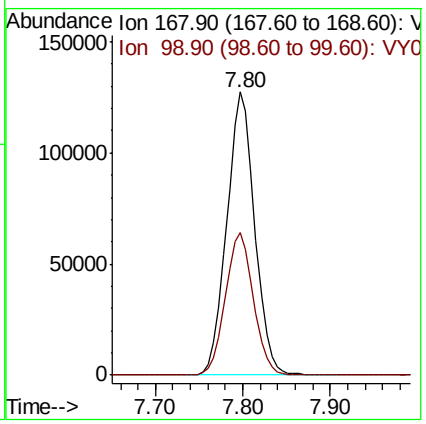


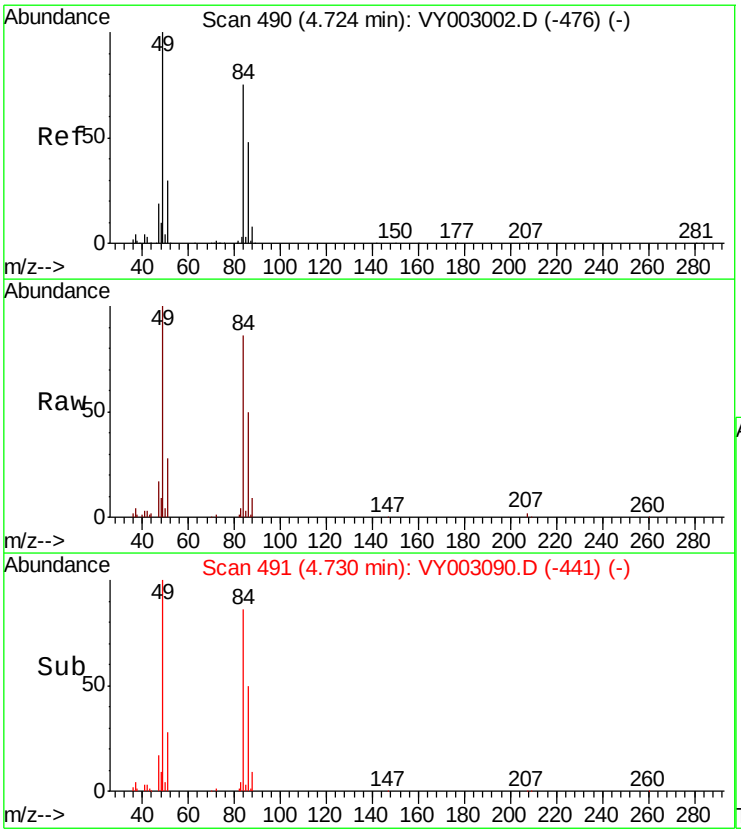
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : VNJ-214

Tgt Ion:168 Resp: 282573

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.2	58.8

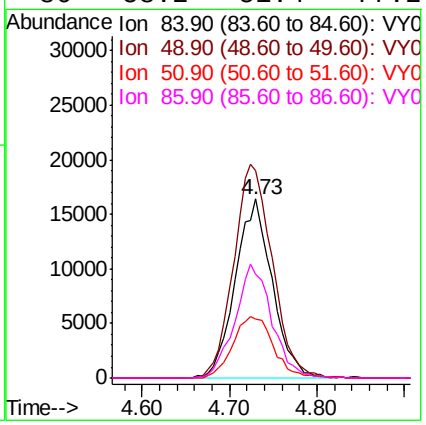


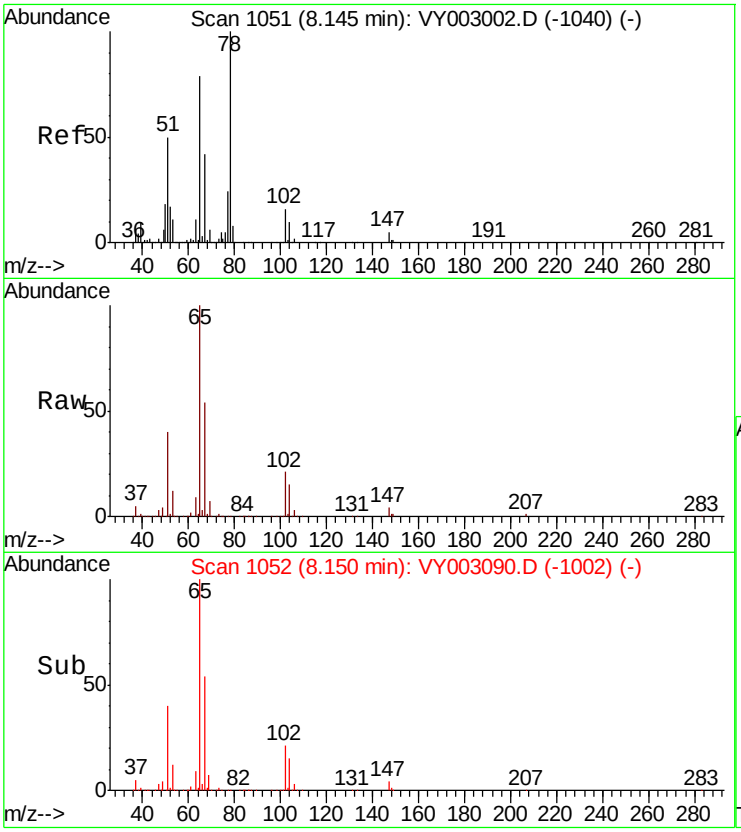


#20
Methylene Chloride
Concen: 10.801 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion: 84 Resp: 48045

Ion	Ratio	Lower	Upper
84	100		
49	116.1	106.8	160.2
51	32.9	32.0	48.0
86	58.2	51.4	77.2



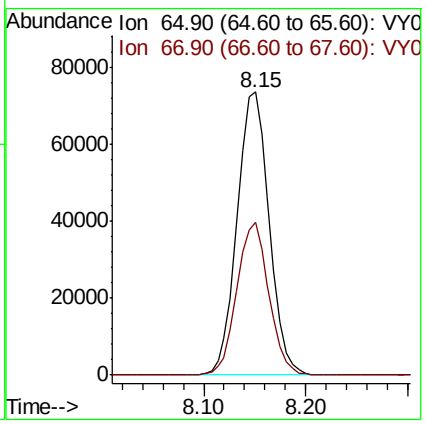


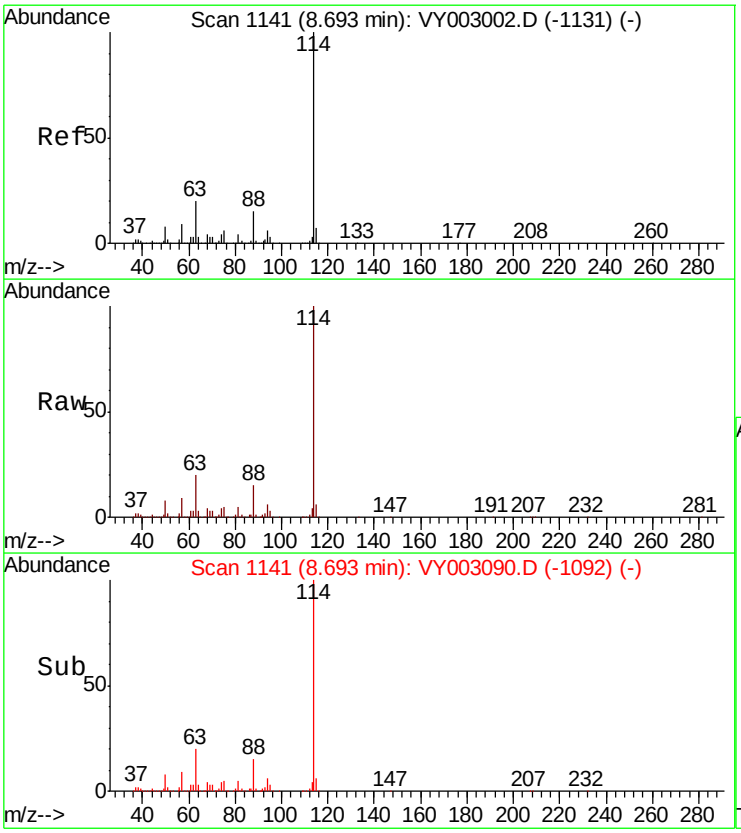
#33
1,2-Dichloroethane-d4
Concen: 57.312 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : VNJ-214

Tgt Ion: 65 Resp: 160846

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.6

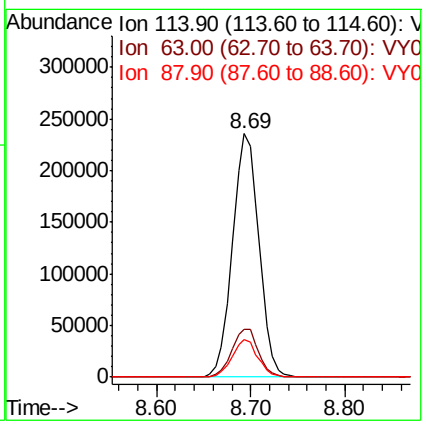


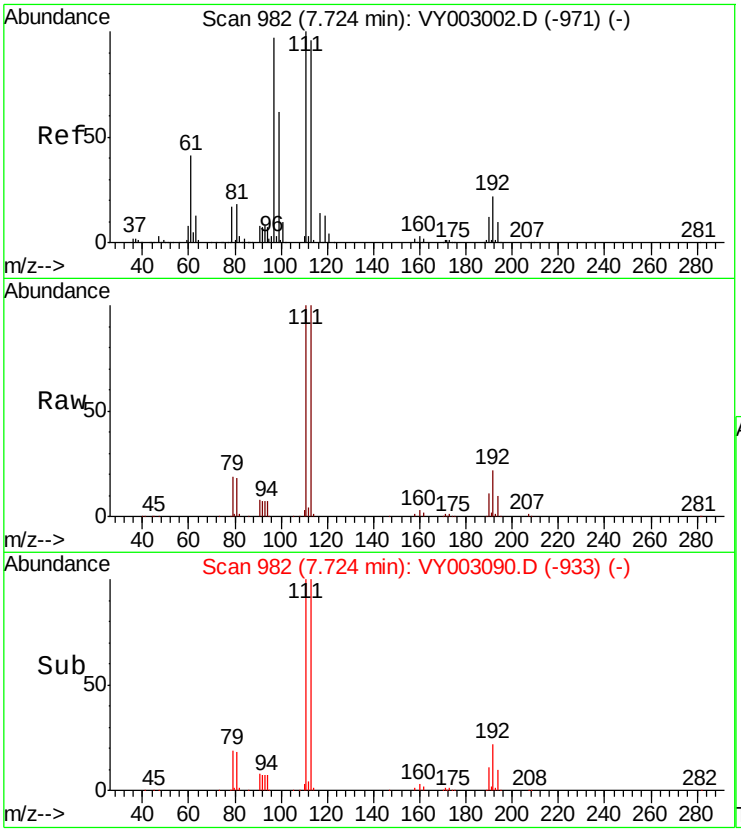


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion:114 Resp: 459438

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	15.3	0.0	30.0



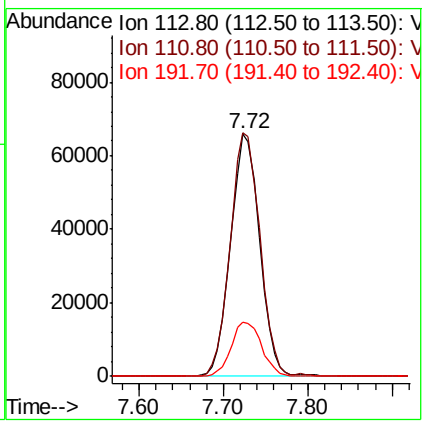


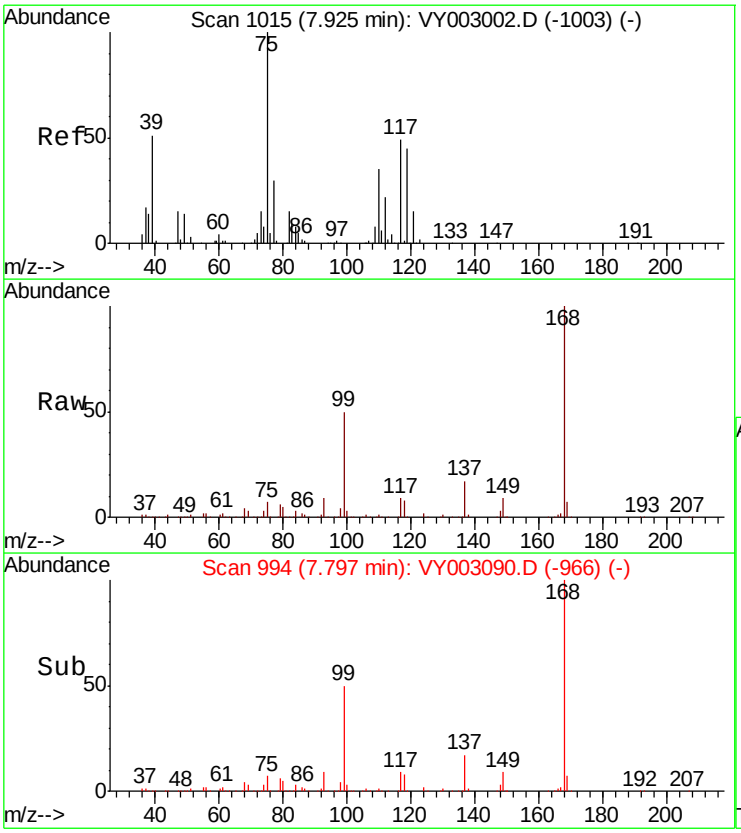
#35
Dibromofluoromethane
Concen: 53.715 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tgt Ion:113 Resp: 153950

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.3	18.1	27.1

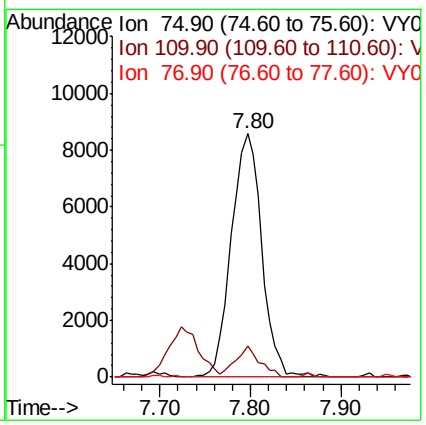


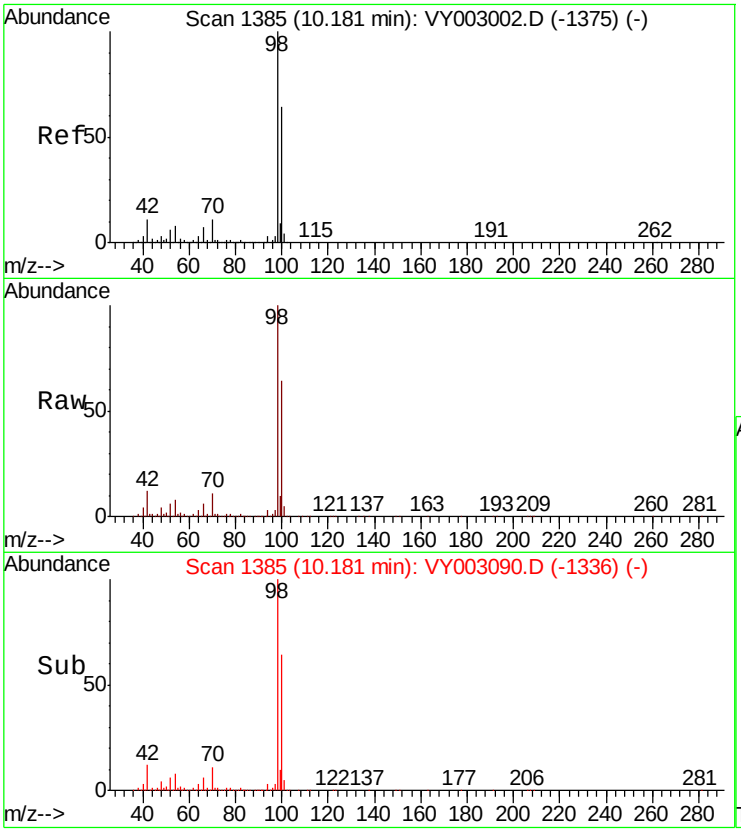


#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion: 75 Resp: 20032

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.1	51.2#
77	0.0	24.9	37.3#



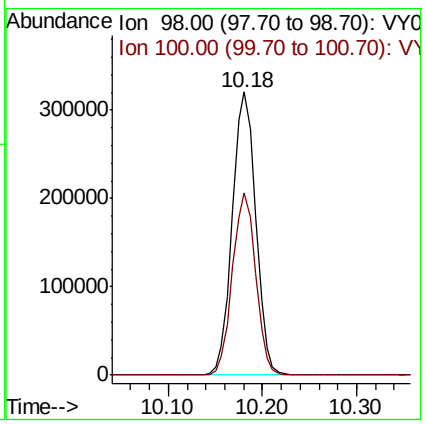


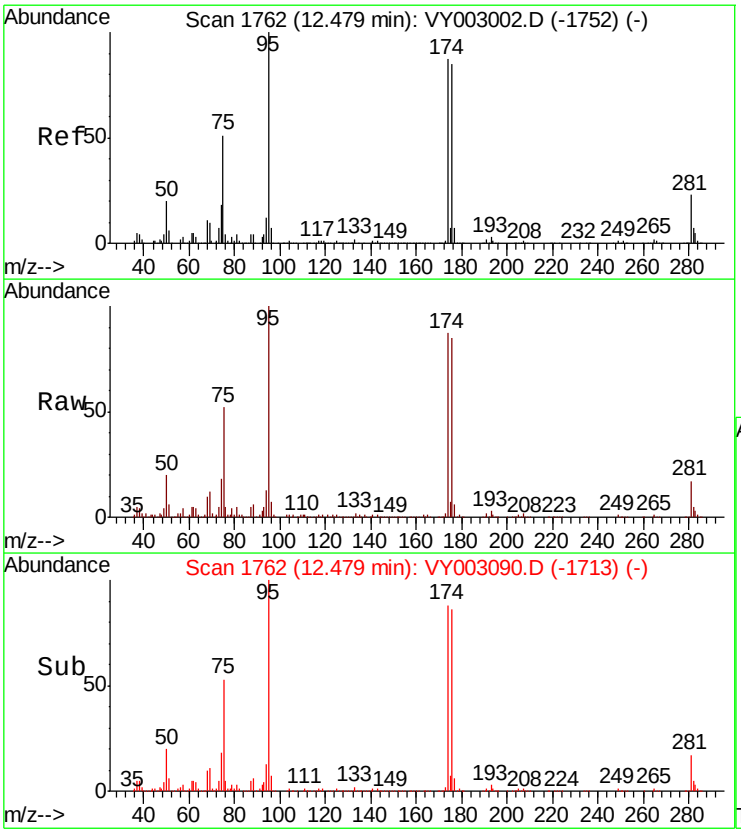
#50
Toluene-d8
Concen: 52.049 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : VNJ-214

Tgt Ion: 98 Resp: 555740

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7

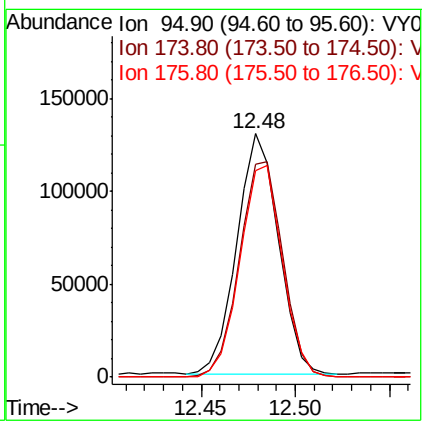


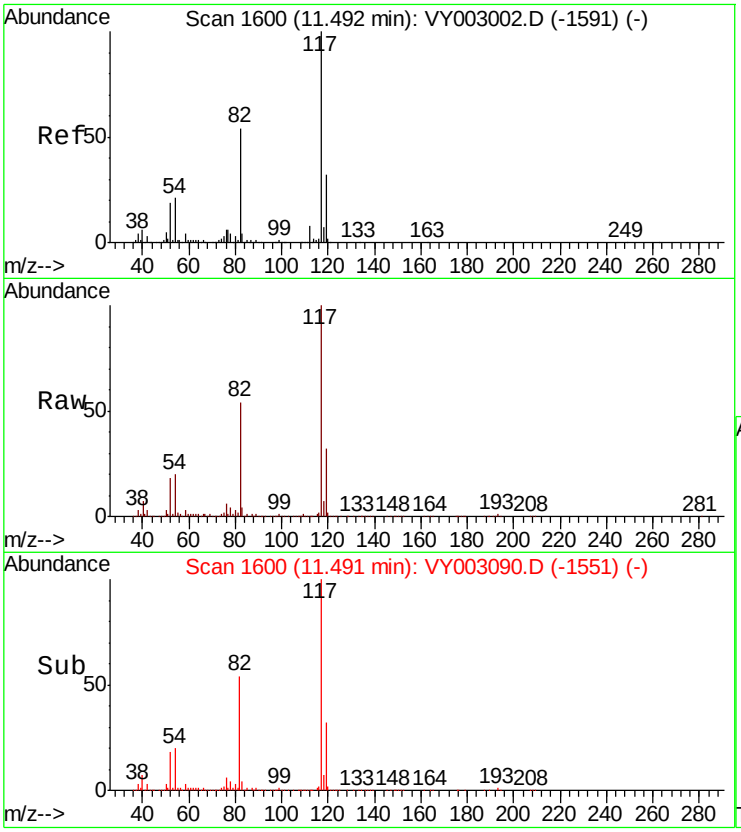


#62
4-Bromofluorobenzene
Concen: 52.775 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion: 95 Resp: 198350

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	184.8
176	90.0	0.0	183.0



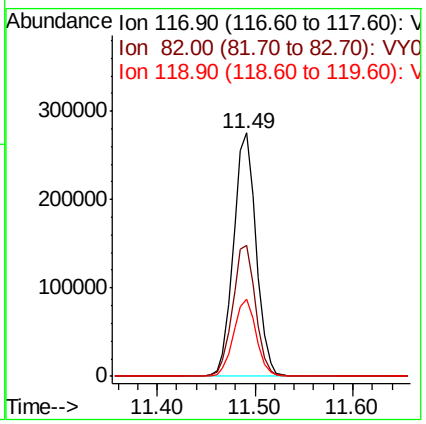


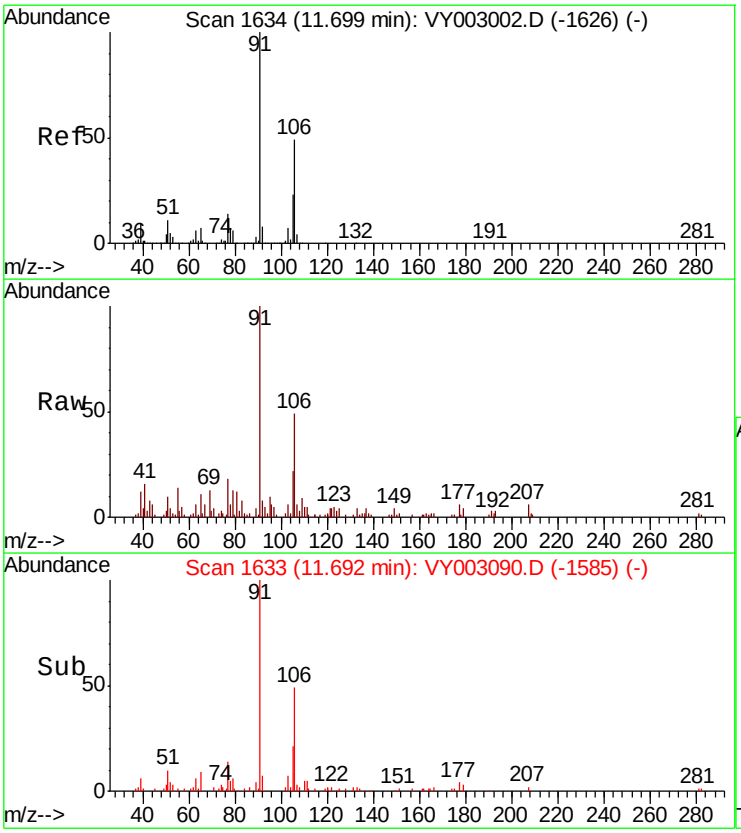
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : VNJ-214

Tgt Ion:117 Resp: 440574

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.6
119	31.8	25.8	38.8

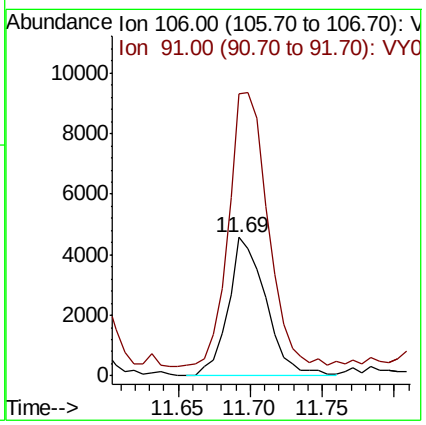


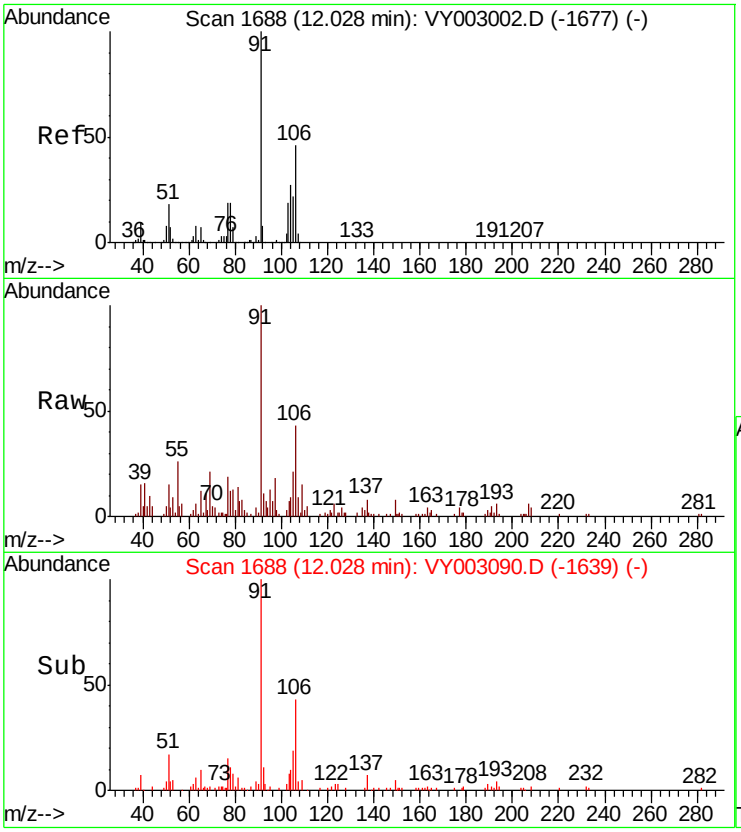


#68
m/p-Xylenes
Concen: 1.417 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion:106 Resp: 8381

Ion	Ratio	Lower	Upper
106	100		
91	203.9	161.9	242.9



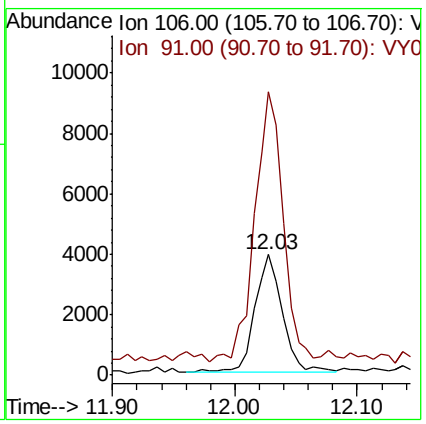


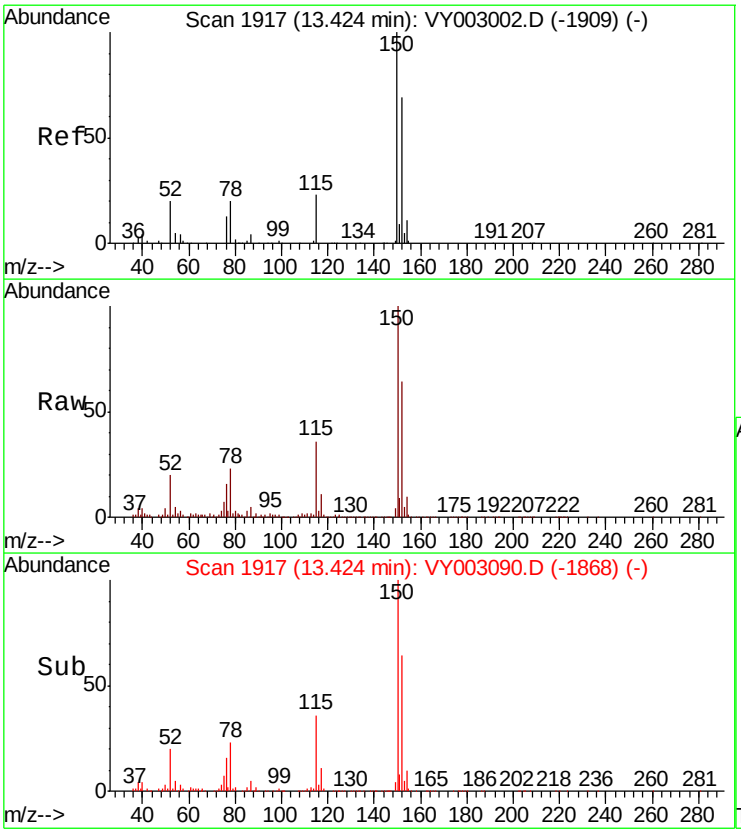
#69
o-Xylene
Concen: 1.113 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tgt Ion:106 Resp: 6204

Ion	Ratio	Lower	Upper
106	100		
91	234.9	107.9	323.8

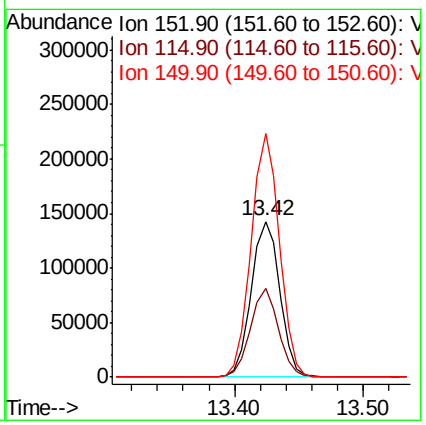


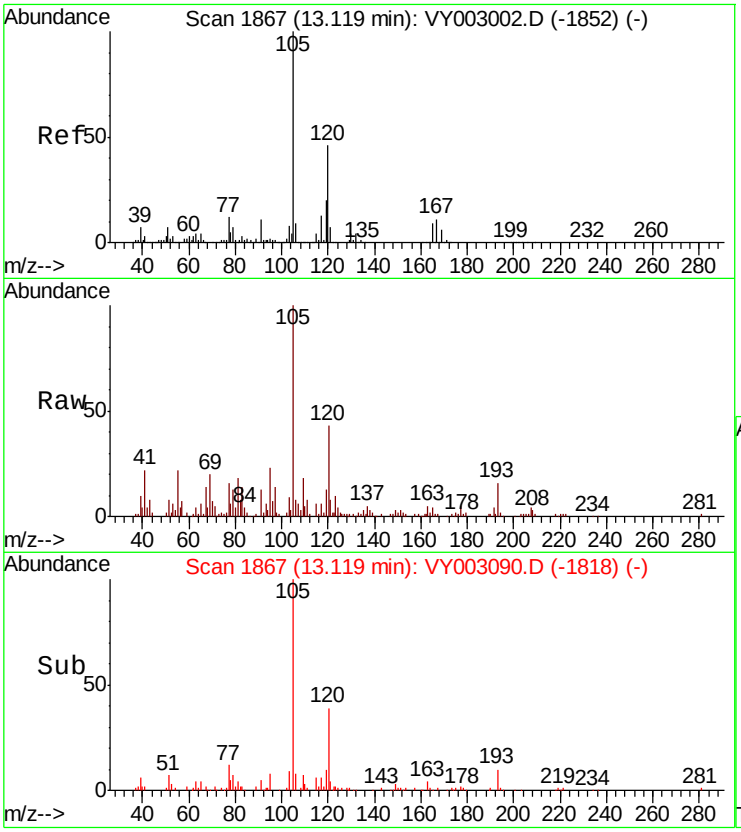


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion:152 Resp: 216371

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.3	81.9
150	154.5	0.0	343.4



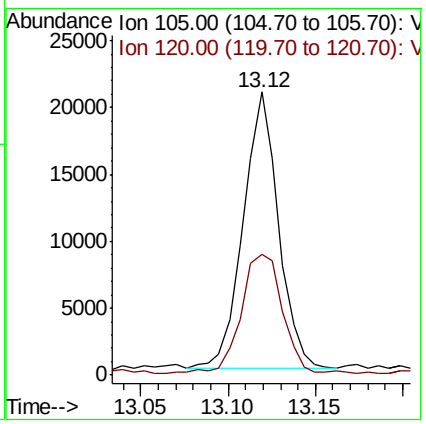


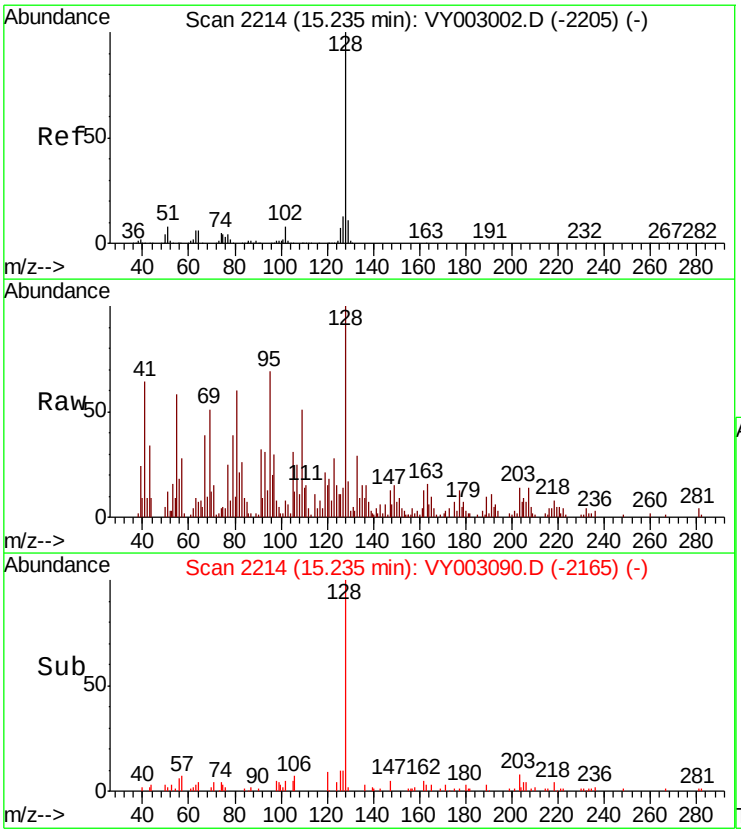
#84
1,2,4-Trimethylbenzene
Concen: 2.403 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tgt Ion:105 Resp: 28776

Ion	Ratio	Lower	Upper
105	100		
120	51.4	22.6	67.8





#95
Naphthalene
Concen: 1.933 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003090.D
Acq: 02 Jul 2020 17:10

Tgt Ion:128 Resp: 15957

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.8	16.2
129	10.5	8.8	13.2