Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000771.D
Acq On : 21 Nov 2019 16:26
Operator : SY/MD
Sample : K5948-01
Misc : 6.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B-1-0-6

Quant Time: Nov 22 04:40:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	320126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	597482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	491999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	164160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	173887	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
35) Dibromofluoromethane	7.72	113	169339	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.56%			
50) Toluene-d8	10.18	98	695983	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.58%			
62) 4-Bromofluorobenzene	12.48	95	198938	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.52%			
Target Compounds						Qvalue
16) Acetone	3.96	43	28445	31.153	ug/l	99
25) 2-Butanone	7.00	43	10881	7.467	ug/l	95
39) Methylcyclohexane	9.19	83	49582	6.795	ug/l	98
40) Benzene	8.17	78	173583	10.482	ug/l	96
52) Toluene	10.25	92	33484	3.198	ug/l	96
65) Chlorobenzene	11.51	112	198470	19.896	ug/l	100
68) m/p-Xylenes	11.69	106	10049	1.414	ug/l	89
69) o-Xylene	12.02	106	8166	1.223	ug/l	97
73) Isopropylbenzene	12.33	105	26846	2.213	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	14420	1.427	ug/l	95
84) 1,2,4-Trimethylbenzene	13.11	105	53666	5.334	ug/l	99
86) p-Isopropyltoluene	13.36	119	50809	4.638	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	23311	4.768	ug/l	86
95) Naphthalene	15.23	128	30243	4.092	ug/l #	91

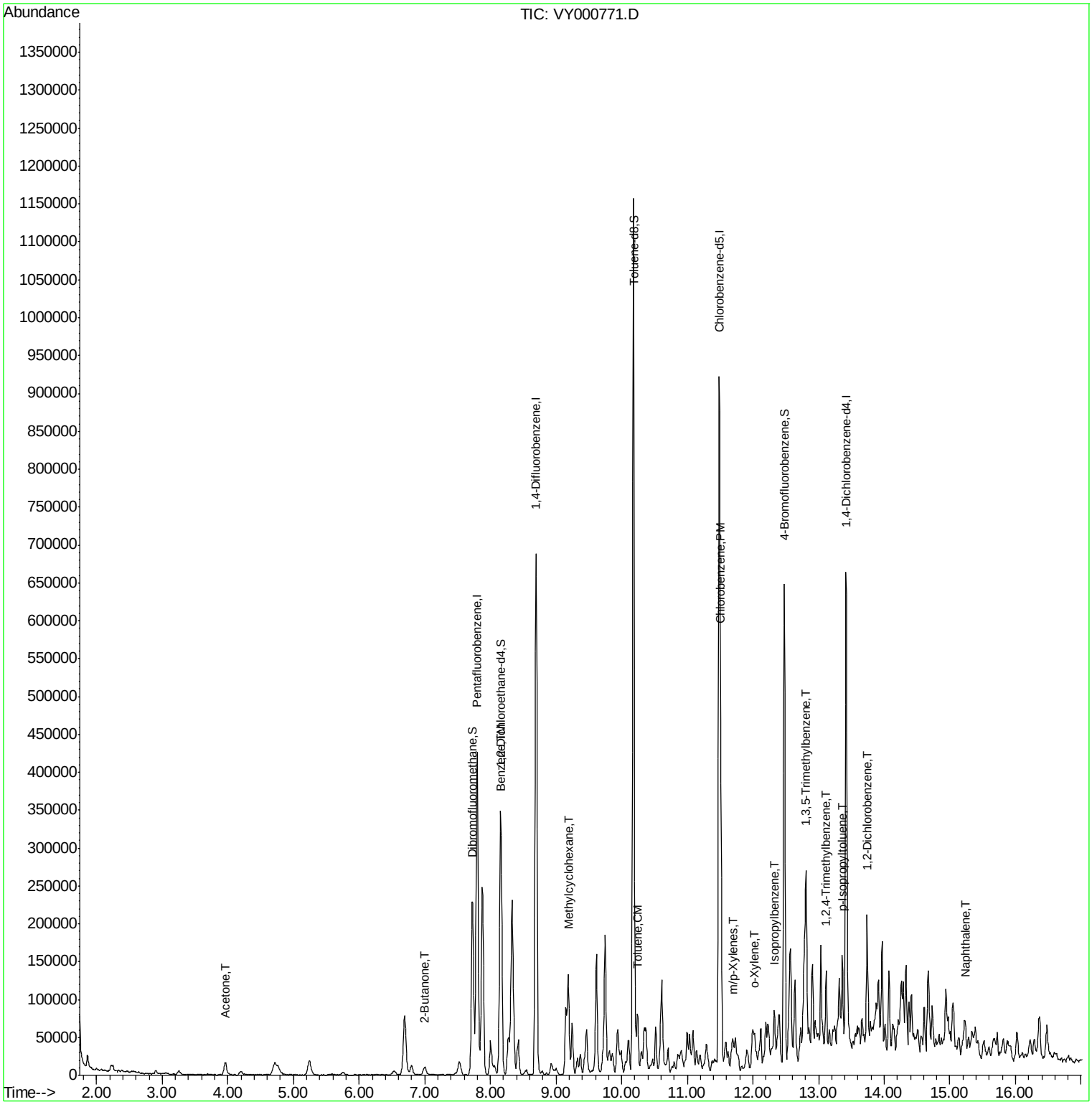
(#) = qualifier out of range (m) = manual integration (+) = signals summed

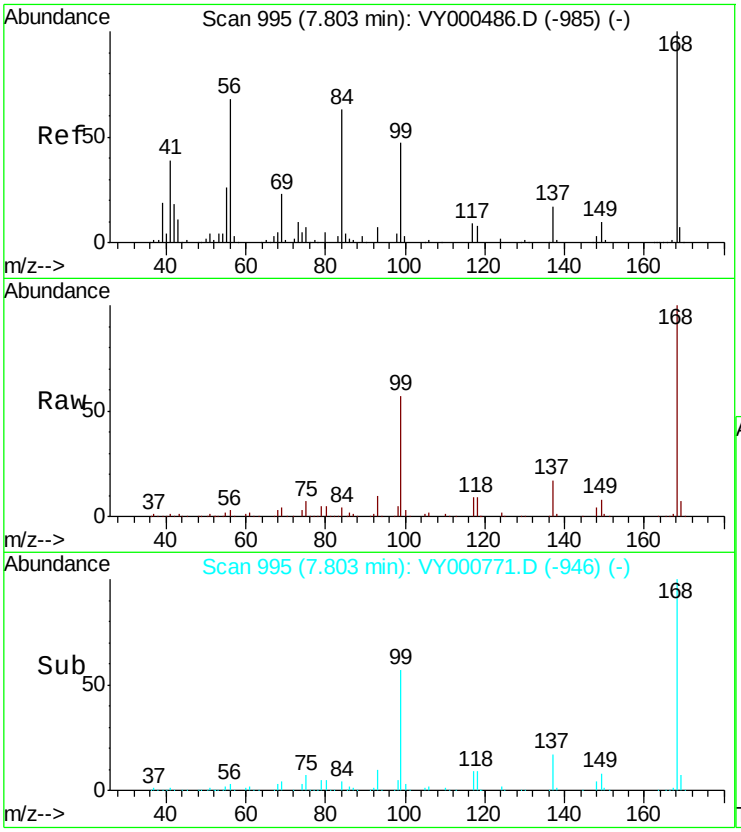
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000771.D
Acq On : 21 Nov 2019 16:26
Operator : SY/MD
Sample : K5948-01
Misc : 6.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : B-1-0-6

Quant Time: Nov 22 04:40:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



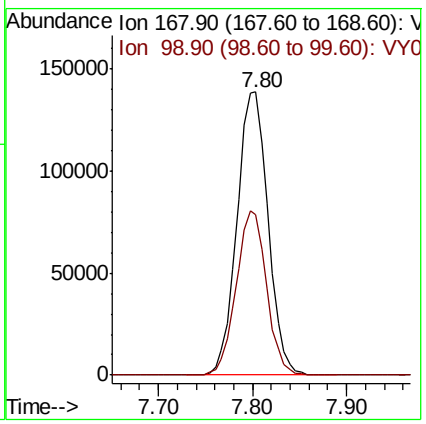


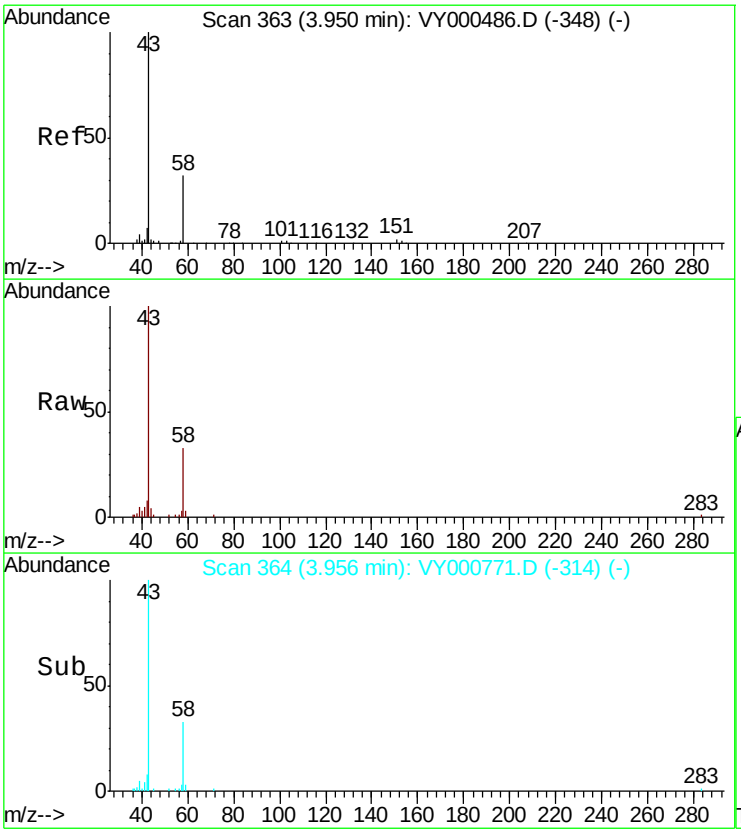
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:168 Resp: 320126

Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.7	68.5

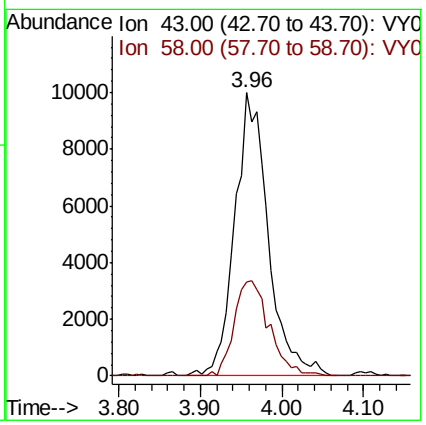


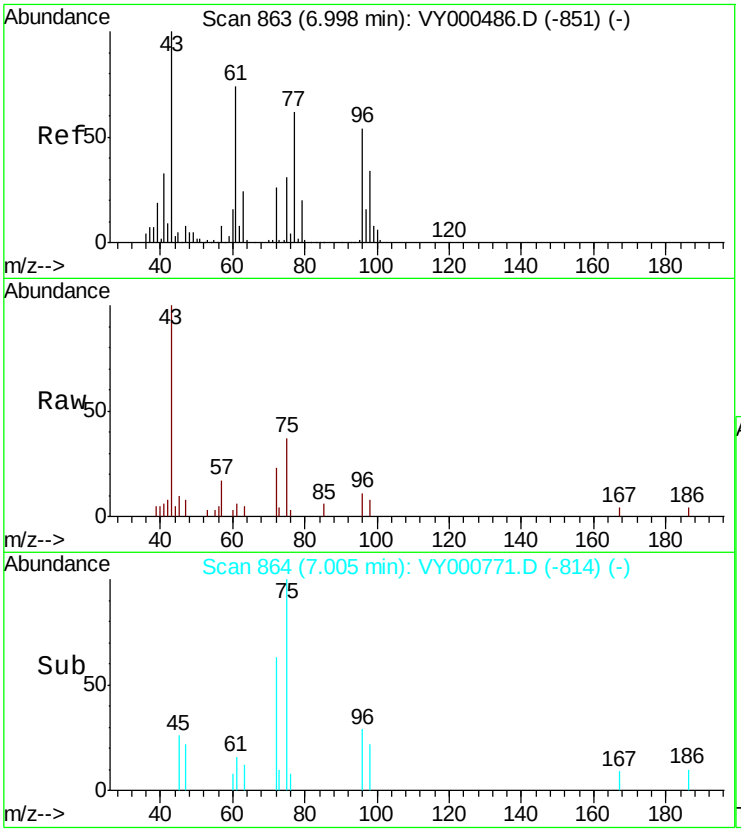


#16
Acetone
Concen: 31.153 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion: 43 Resp: 28445

Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.8	38.6



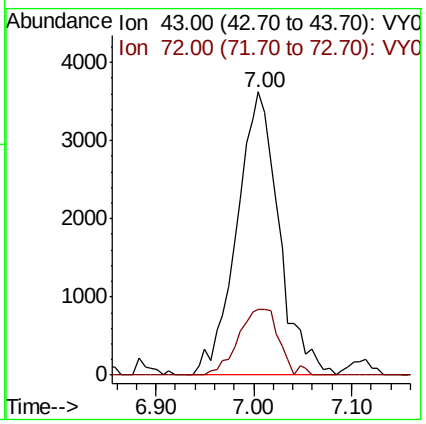


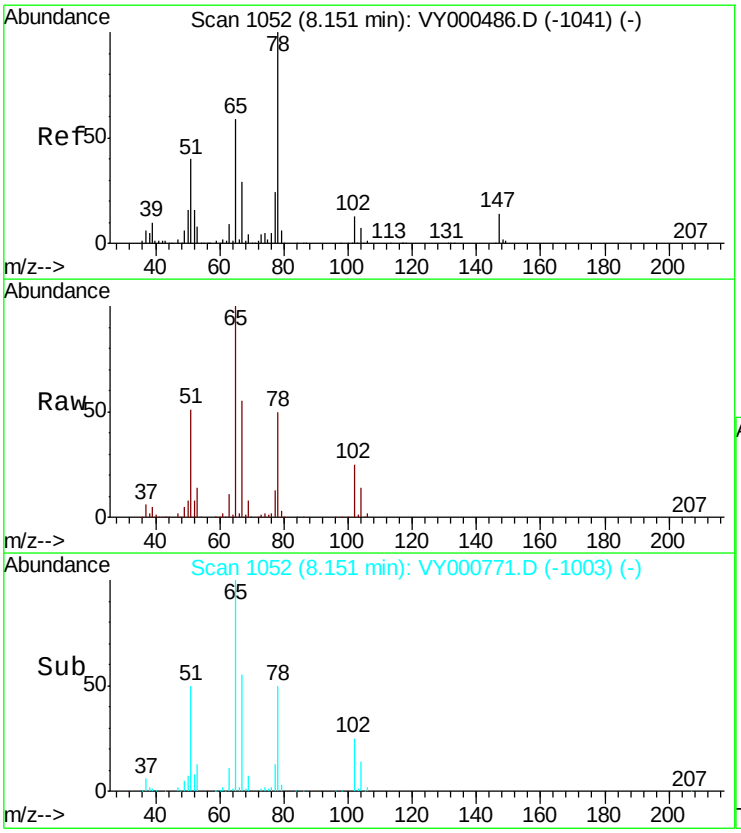
#25
2-Butanone
Concen: 7.467 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion: 43 Resp: 10881

Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.9	31.3

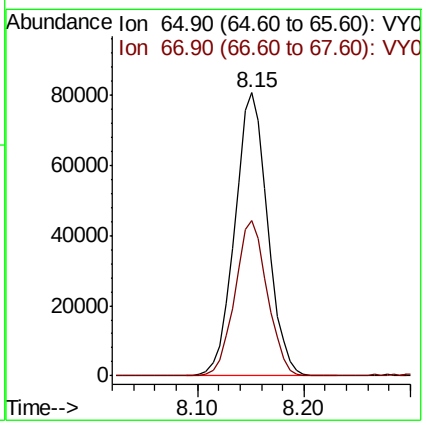


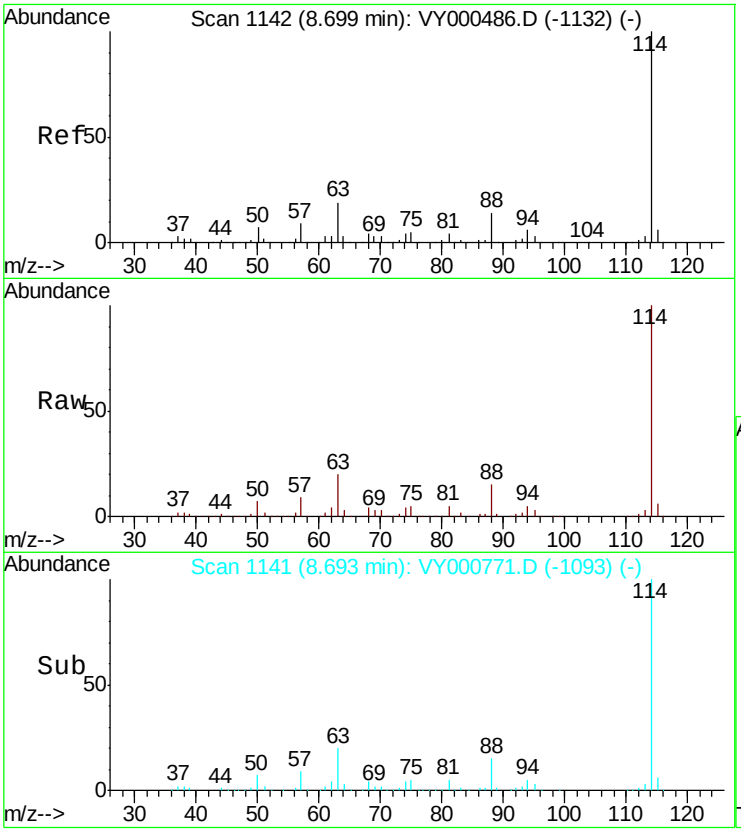


#33
1,2-Dichloroethane-d4
Concen: 52.488 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion: 65 Resp: 173887

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2



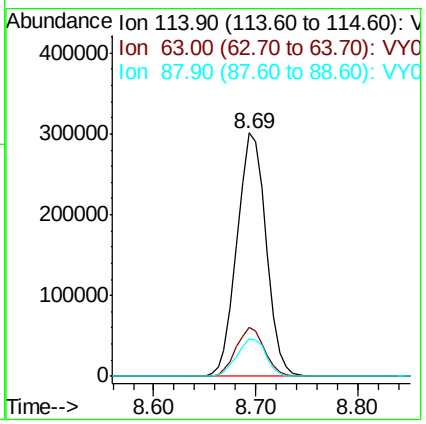


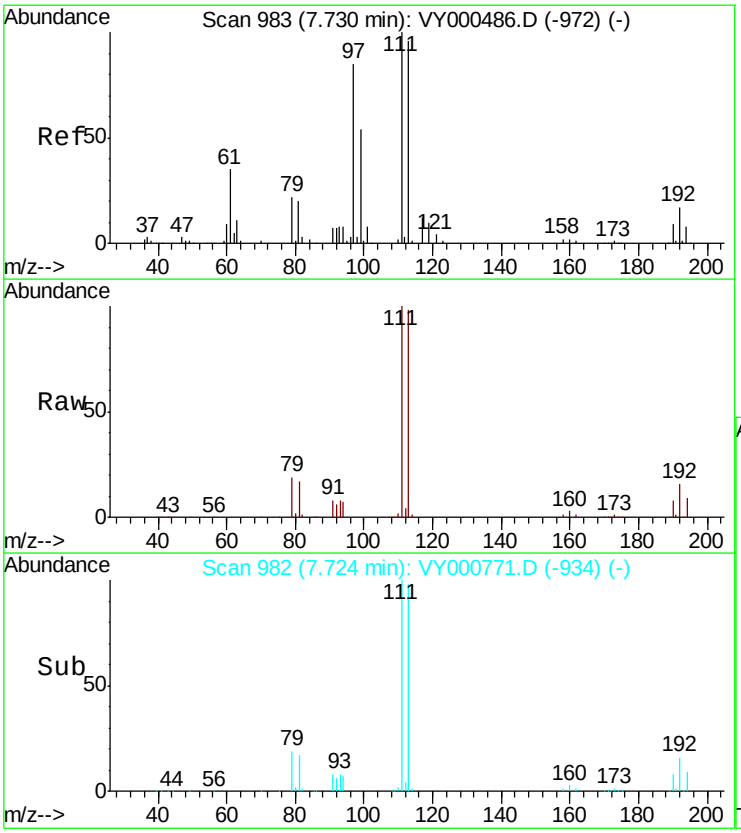
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:114 Resp: 597482

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.0
88	15.4	0.0	28.6

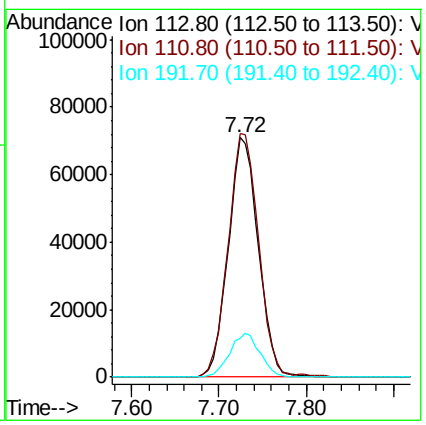


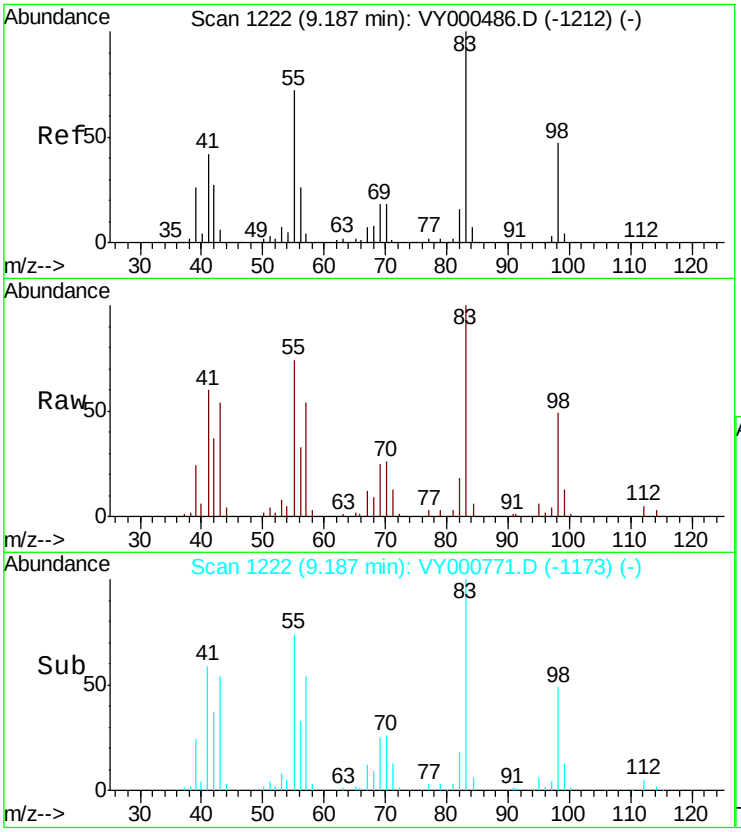


#35
Dibromofluoromethane
Concen: 48.278 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:113 Resp: 169339

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	18.5	15.0	22.4



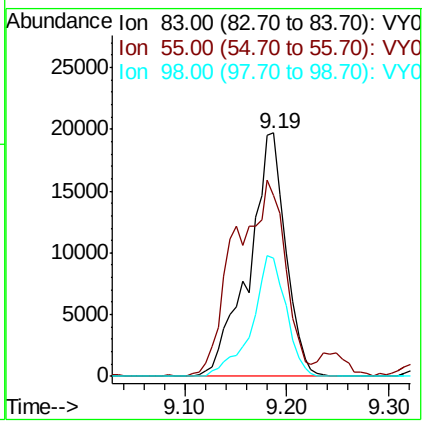


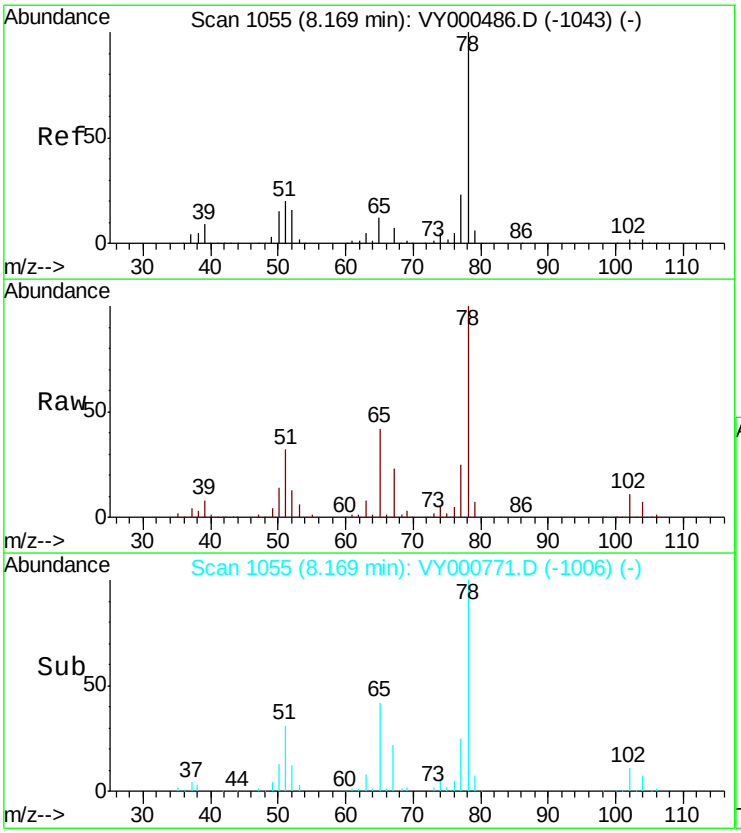
#39
Methylcyclohexane
Concen: 6.795 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion: 83 Resp: 49582

Ion	Ratio	Lower	Upper
83	100		
55	74.0	57.5	86.3
98	48.8	38.0	57.0

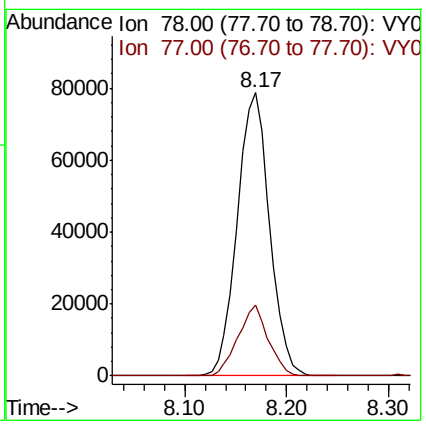


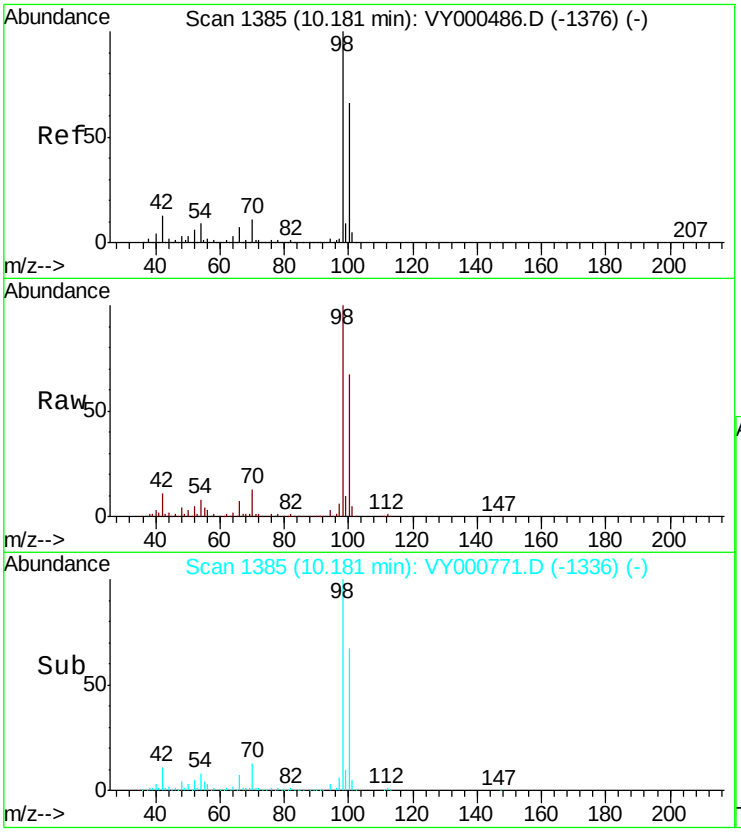


#40
Benzene
Concen: 10.482 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion: 78 Resp: 173583

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.6	28.0



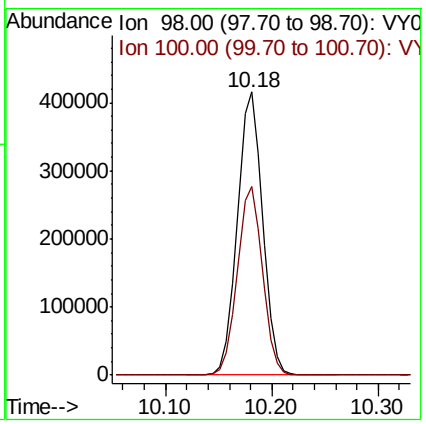


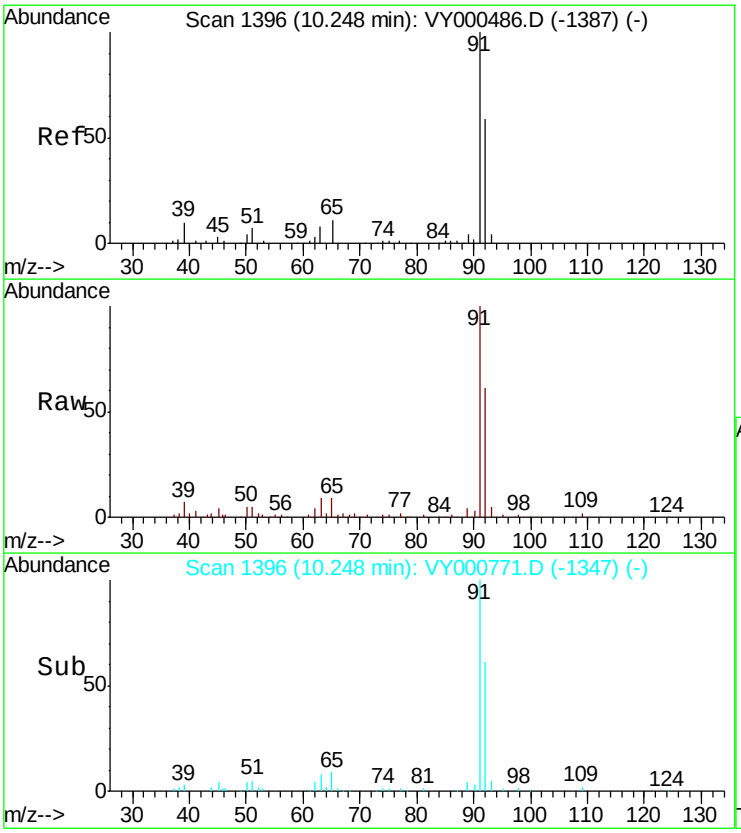
#50
Toluene-d8
Concen: 52.292 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion: 98 Resp: 695983

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3

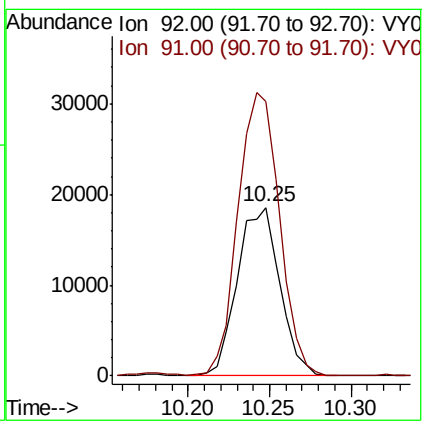


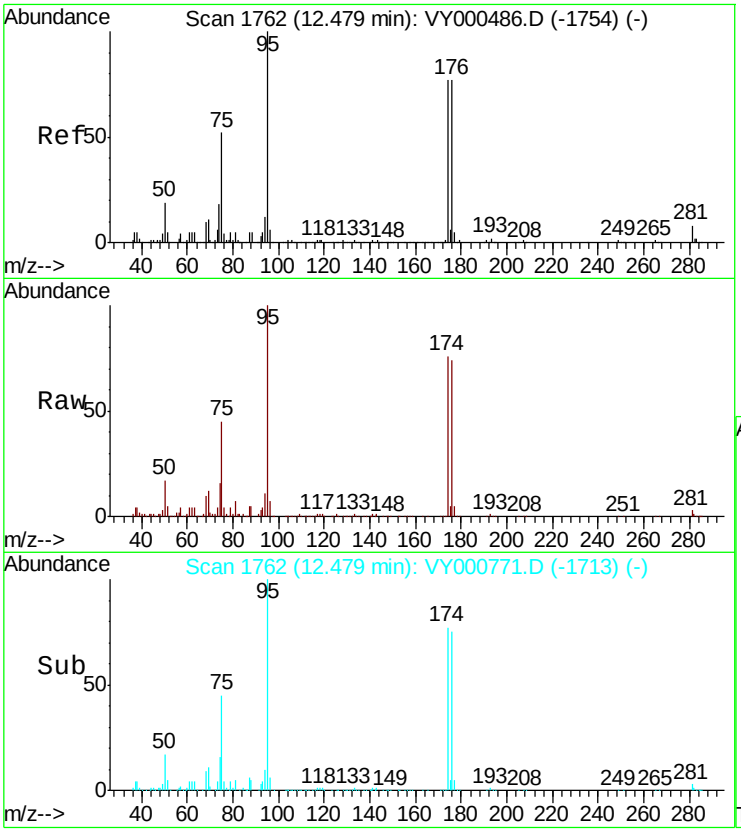


#52
Toluene
Concen: 3.198 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion: 92 Resp: 33484

Ion	Ratio	Lower	Upper
92	100		
91	165.2	136.3	204.5



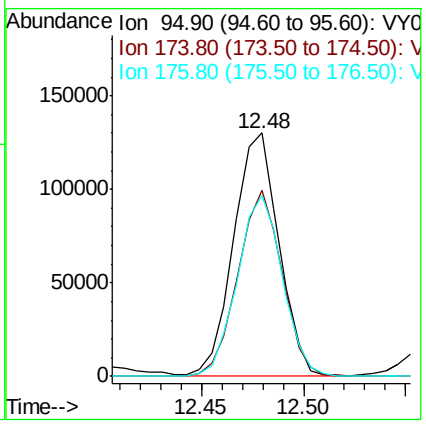


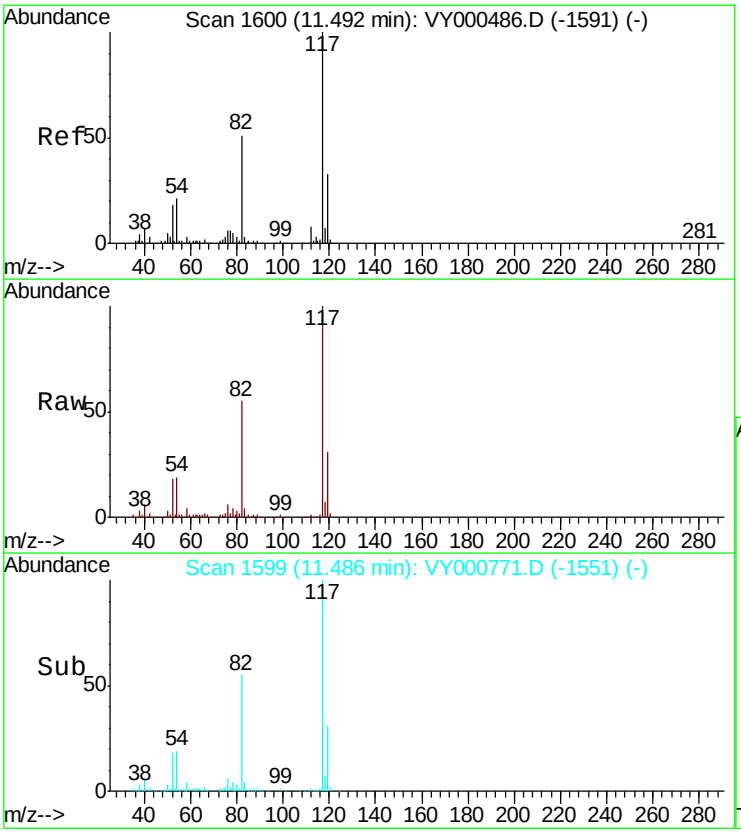
#62
4-Bromofluorobenzene
Concen: 39.263 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion: 95 Resp: 198938

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	161.6
176	74.5	0.0	157.8

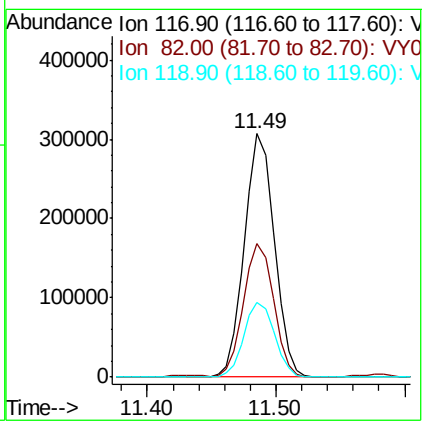


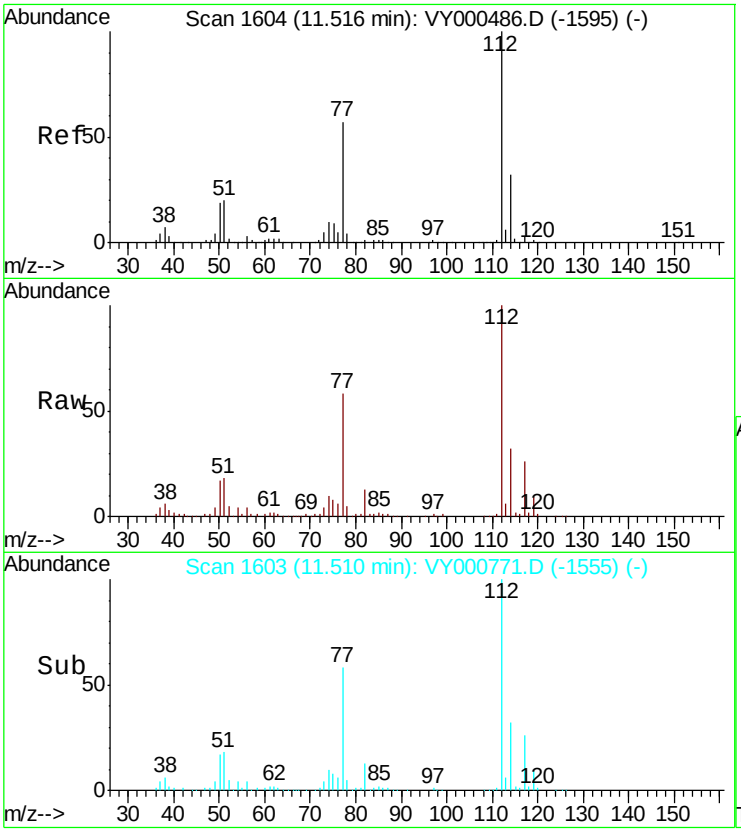


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:117 Resp: 491999

Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.8	61.2
119	30.5	26.2	39.2



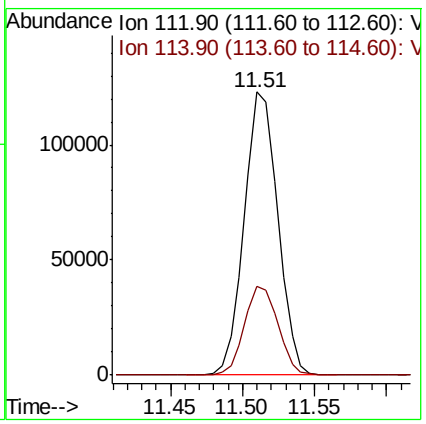


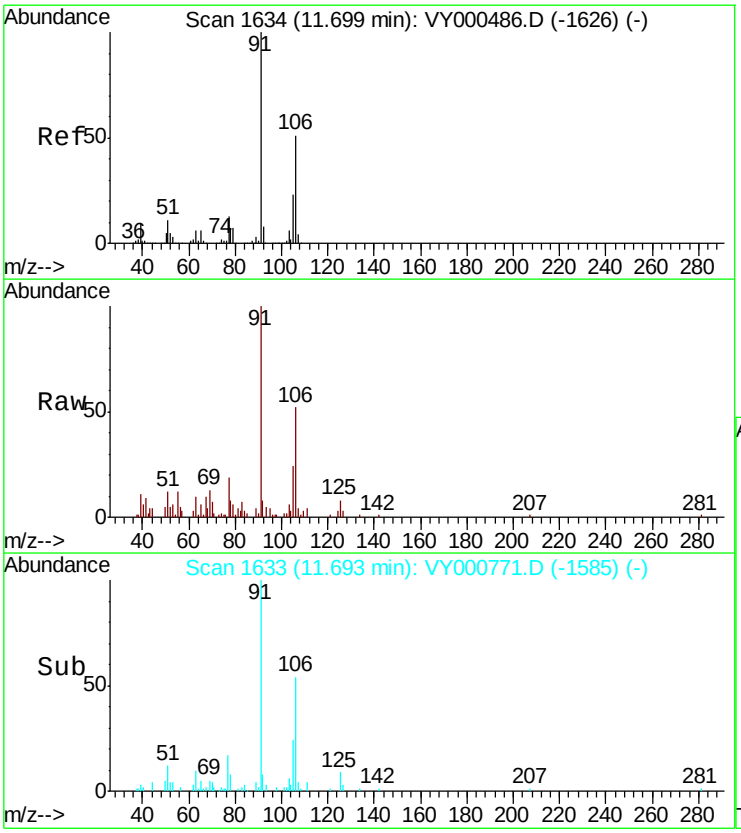
#65
Chlorobenzene
Concen: 19.896 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:112 Resp: 198470

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9

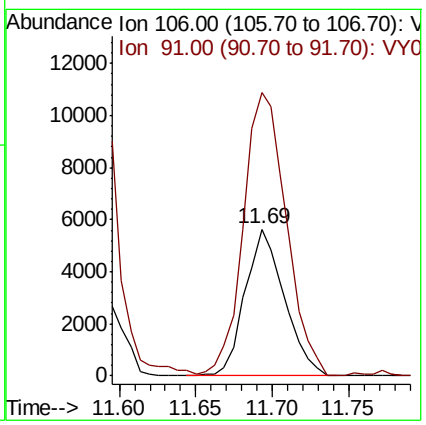


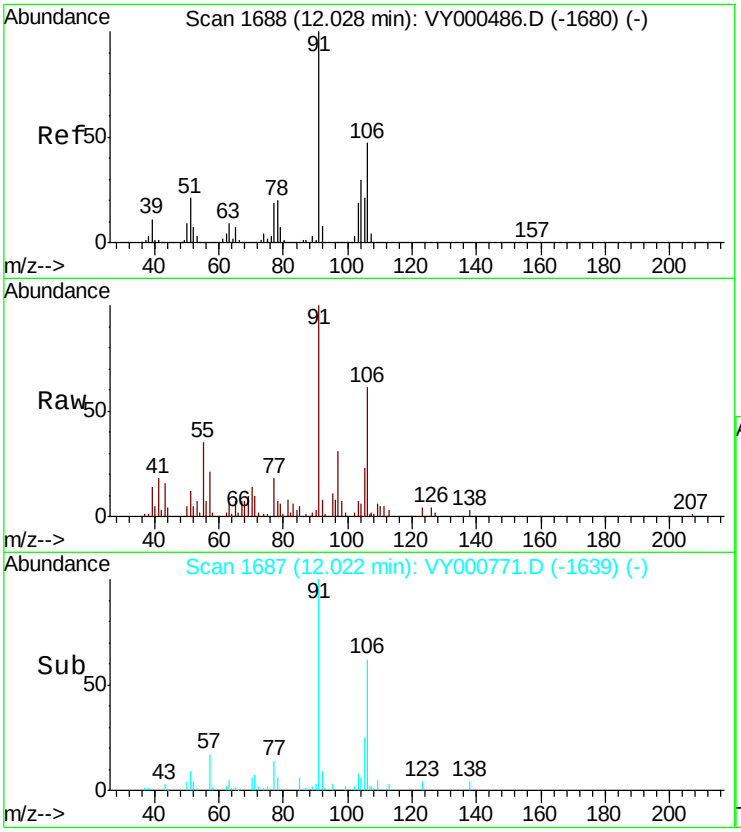


#68
m/p-Xylenes
Concen: 1.414 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:106 Resp: 10049

Ion	Ratio	Lower	Upper
106	100		
91	211.4	155.9	233.9



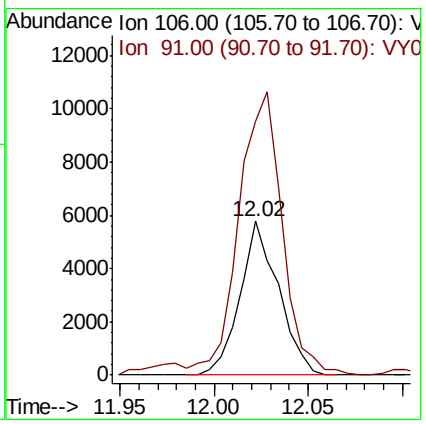


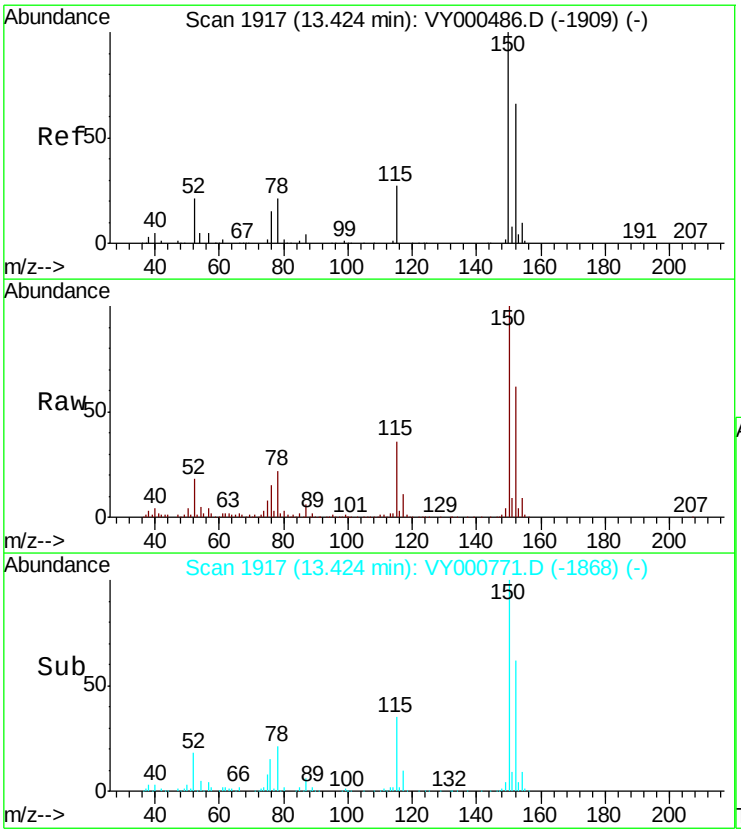
#69
o-Xylene
Concen: 1.223 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:106 Resp: 8166

Ion	Ratio	Lower	Upper
106	100		
91	208.2	106.5	319.6

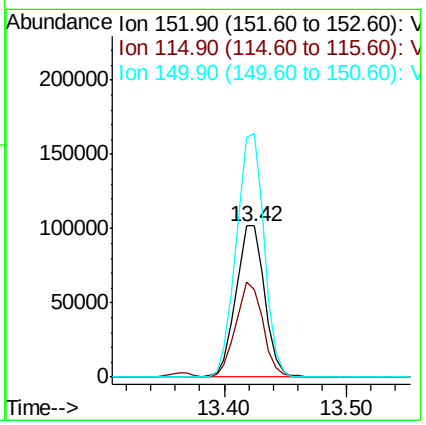


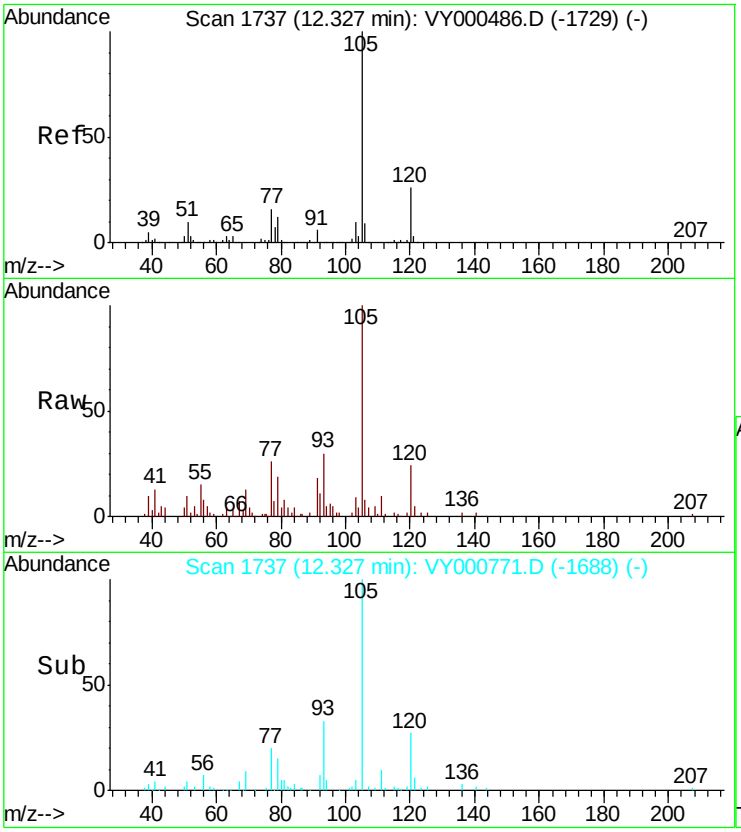


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:152 Resp: 164160

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.1	87.4
150	156.5	0.0	348.8



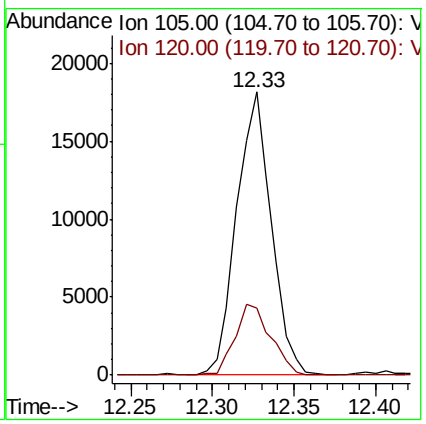


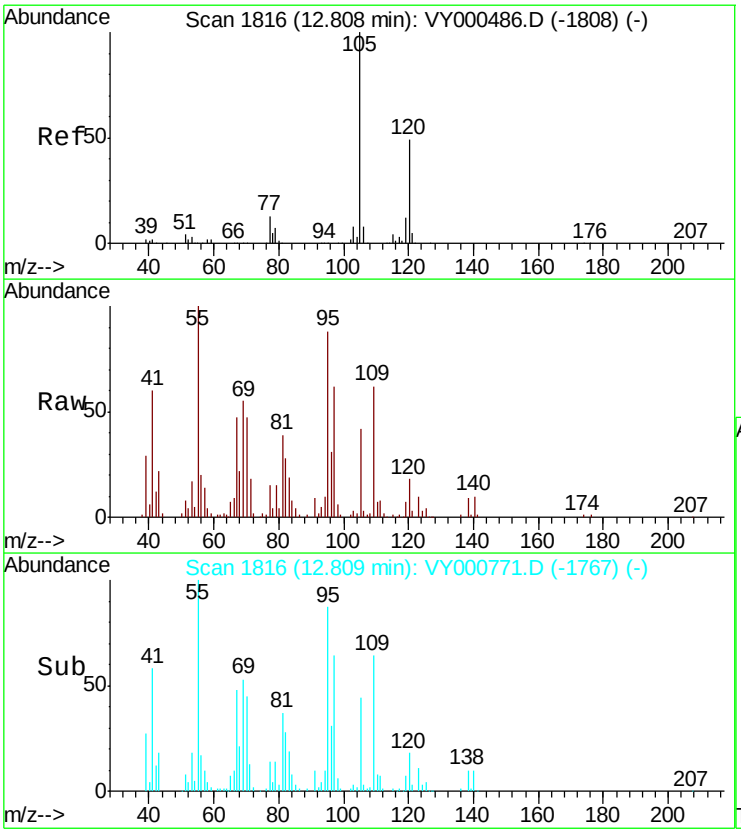
#73
Isopropylbenzene
Concen: 2.213 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:105 Resp: 26846

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.5	40.4

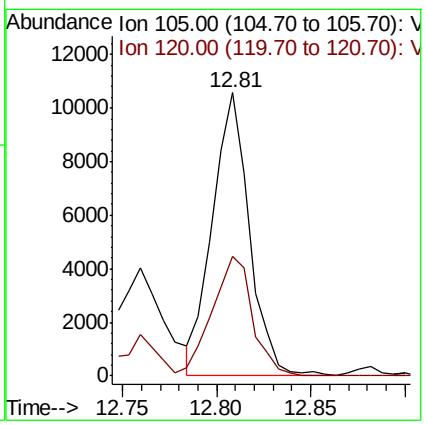


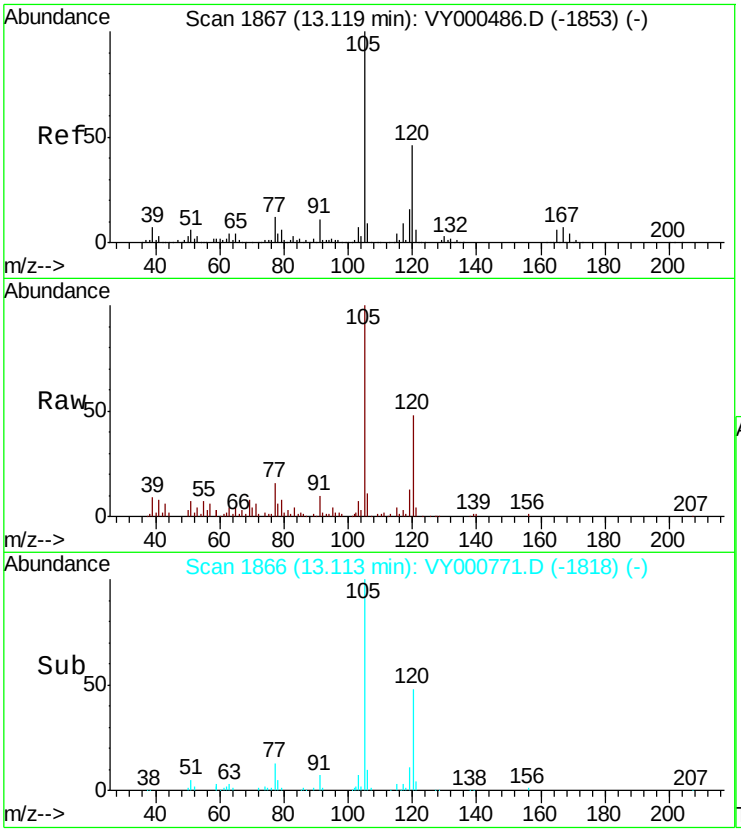


#80
1,3,5-Trimethylbenzene
Concen: 1.427 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:105 Resp: 14420

Ion	Ratio	Lower	Upper
105	100		
120	46.1	24.9	74.8



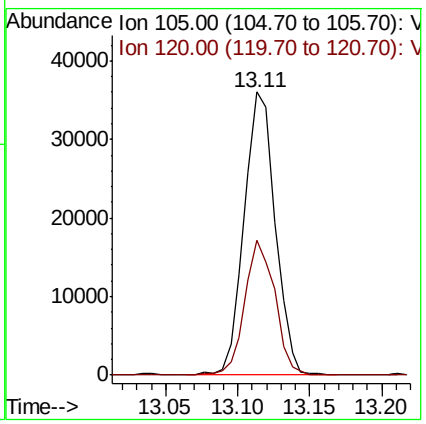


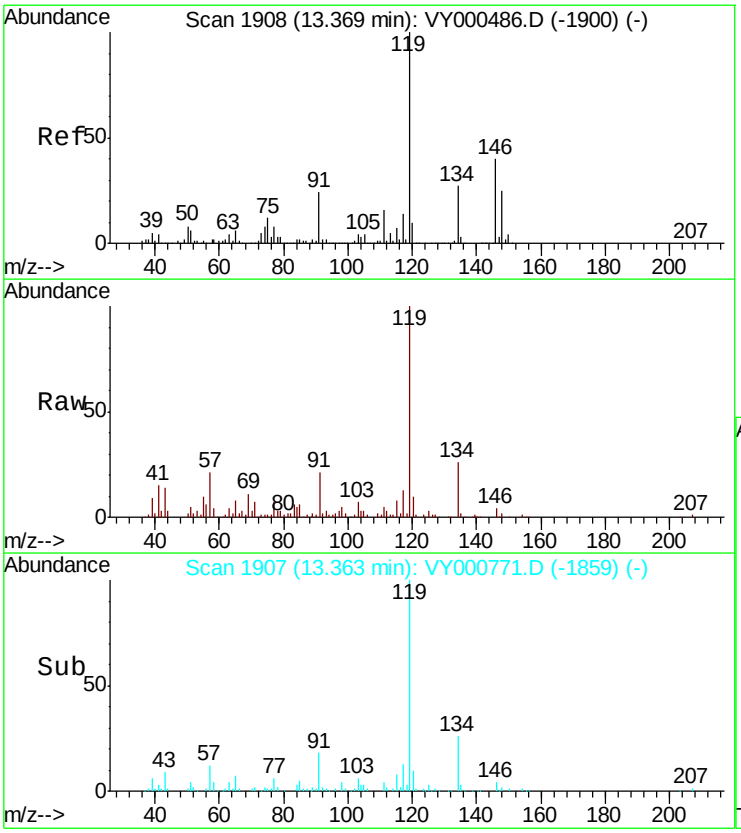
#84
1,2,4-Trimethylbenzene
Concen: 5.334 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:105 Resp: 53666

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.9

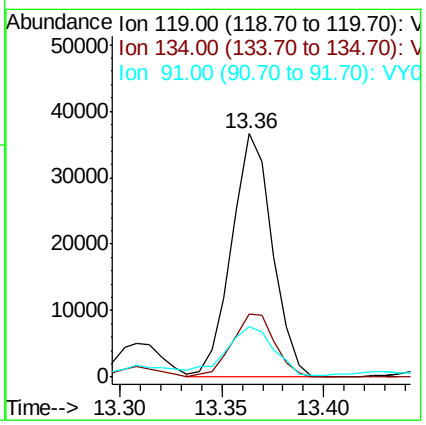


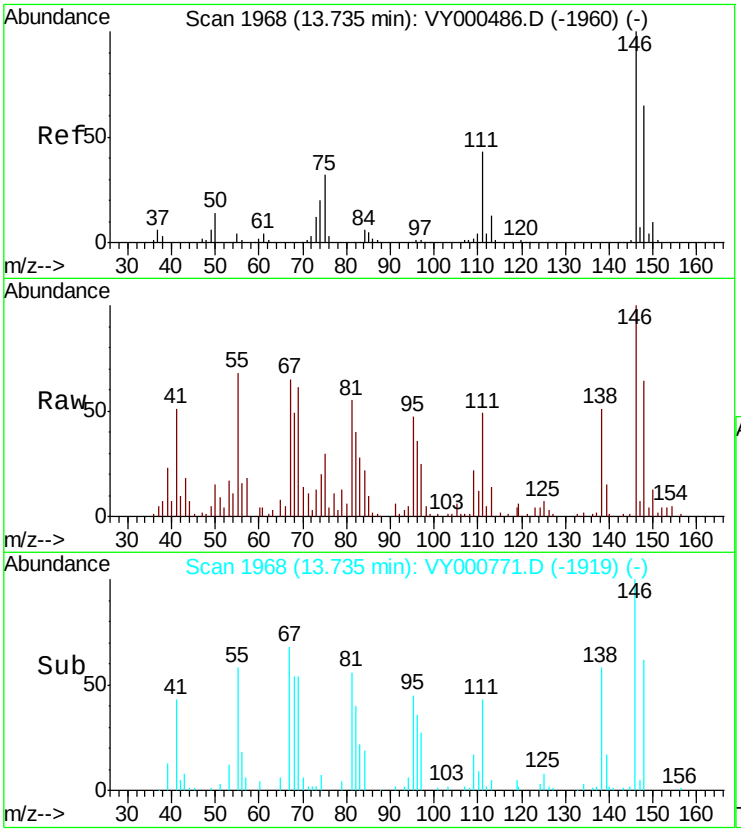


#86
p-Isopropyltoluene
Concen: 4.638 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:119 Resp: 50809

Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.8
91	22.6	12.0	36.1



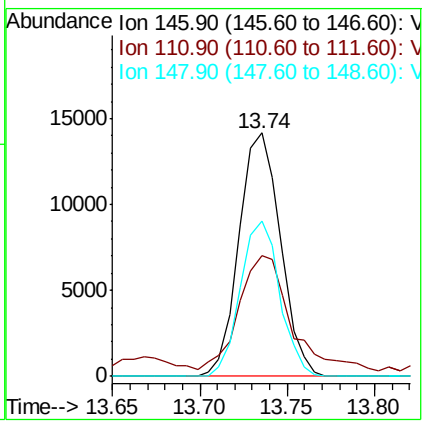


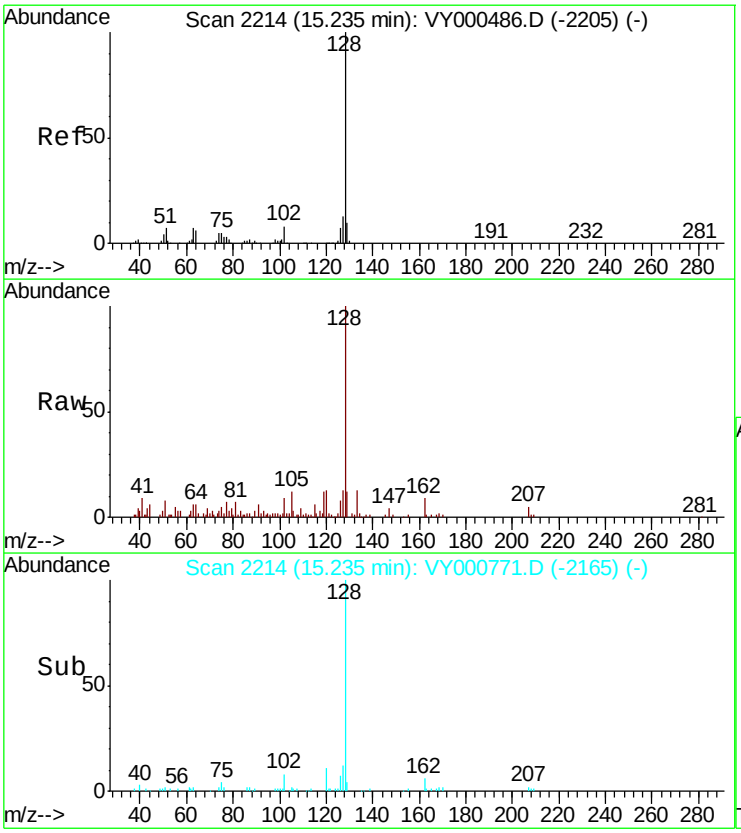
#91
1,2-Dichlorobenzene
Concen: 4.768 ug/l
RT: 13.74 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Instrument :
MSVOA_Y
ClientSampleId :
B-1-0-6

Tgt Ion:146 Resp: 23311

Ion	Ratio	Lower	Upper
146	100		
111	60.3	20.5	61.5
148	60.5	31.7	95.1





#95
Naphthalene
Concen: 4.092 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000771.D
Acq: 21 Nov 2019 16:26

Tgt Ion:128 Resp: 30243

Ion	Ratio	Lower	Upper
128	100		
127	16.1	9.8	14.6#
129	13.5	8.7	13.1#