Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
Data File : VY005305.D
Acq On : 30 Jun 2021 18:01
Operator : SY/MD
Sample : M2900-01
Misc : 5.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VB16208

Quant Time: Jul 01 06:40:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	215342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	334603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113360	63.435	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.860%			
35) Dibromofluoromethane	7.728	113	104773	51.814	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.620%			
50) Toluene-d8	10.185	98	419712	51.902	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.800%			
62) 4-Bromofluorobenzene	12.483	95	146634	54.416	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.840%			
Target Compounds						Qvalue
16) Acetone	3.960	43	62793	152.105	ug/l	94
25) 2-Butanone	6.990	43	7737	12.853	ug/l #	87
29) Tetrahydrofuran	7.356	42	2922	7.378	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	10866	7.254	ug/l	93
52) Toluene	10.246	92	6801	1.195	ug/l	98
68) m/p-Xylenes	11.703	106	8855	1.933	ug/l	94
69) o-Xylene	12.032	106	9396	2.166	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	17729	1.940	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	72694	8.046	ug/l	100

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

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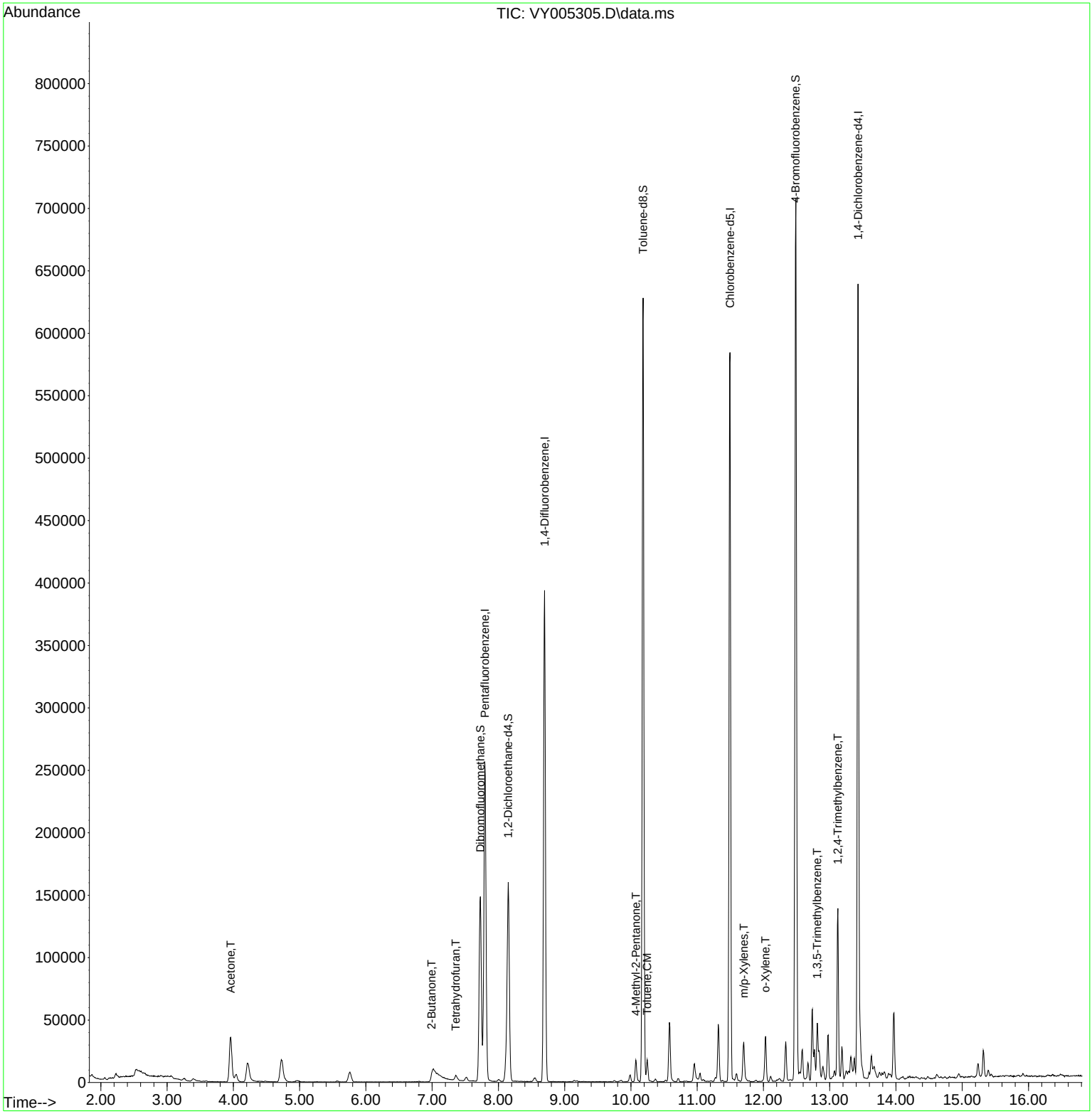

Instrument :
MSVOA_Y
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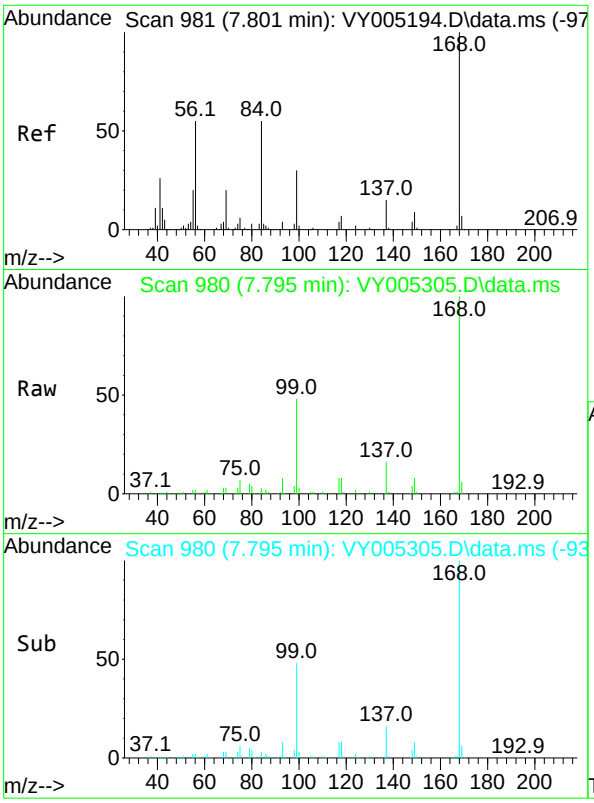
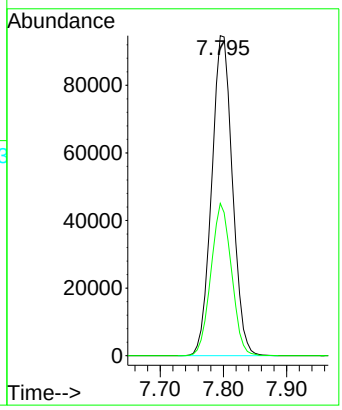
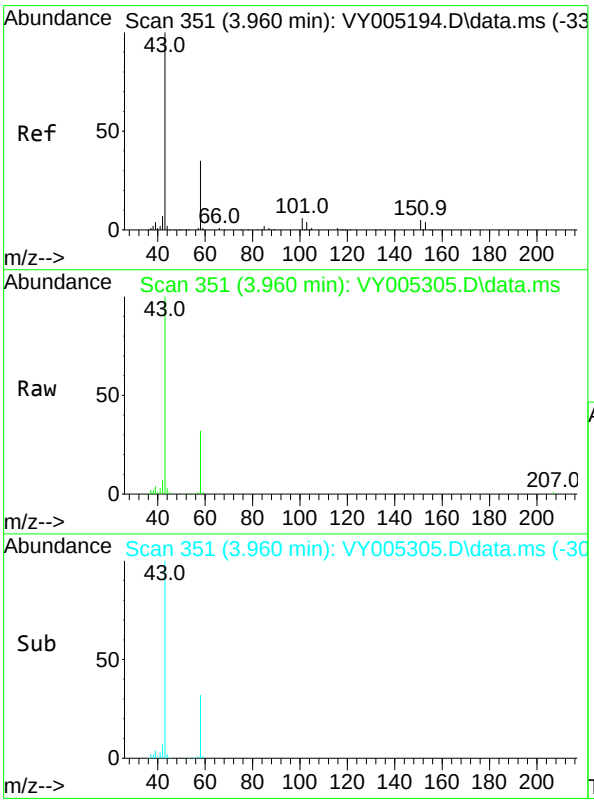


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:168 Resp: 215342

Ion	Ratio	Lower	Upper
168	100		
99	47.6	36.2	54.4

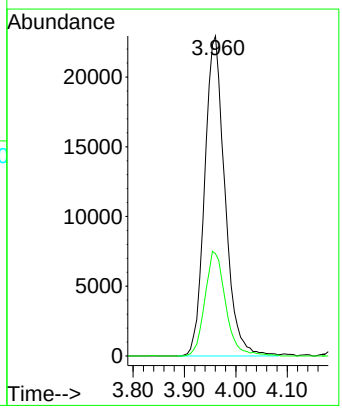


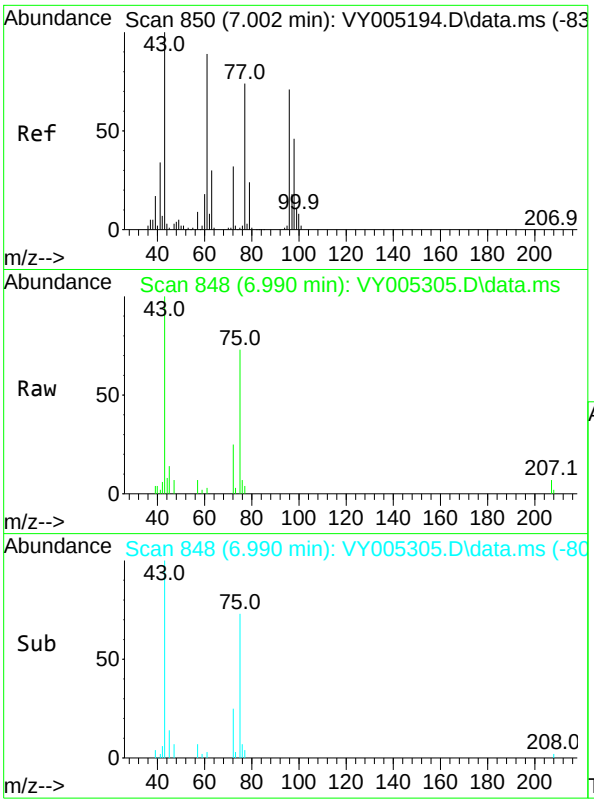


#16
Acetone
Concen: 152.105 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 43 Resp: 62793

Ion	Ratio	Lower	Upper
43	100		
58	31.9	28.2	42.2

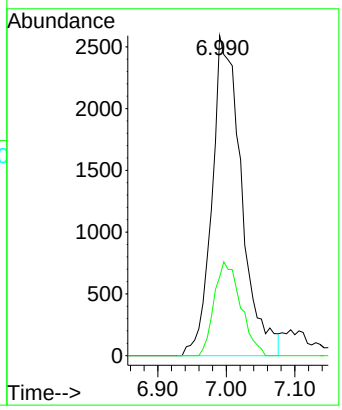




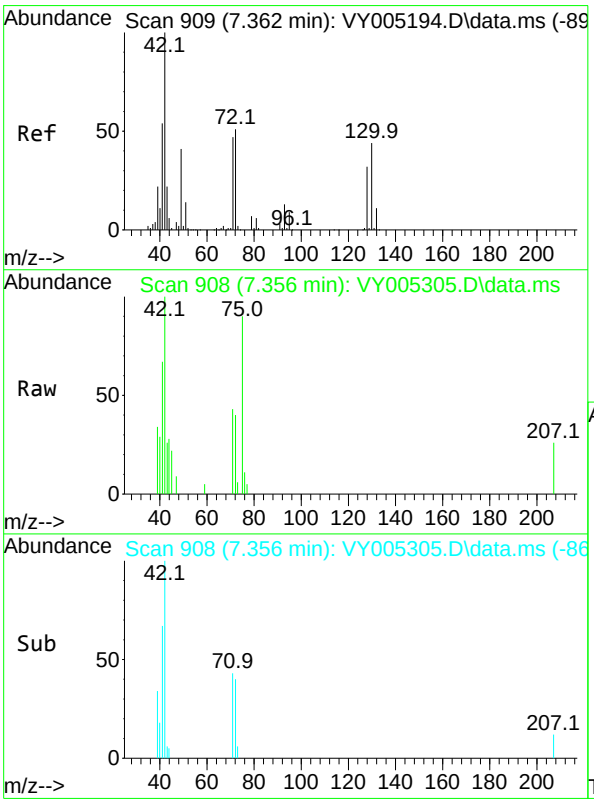
#25
2-Butanone
Concen: 12.853 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 43 Resp: 7737

Ion	Ratio	Lower	Upper
43	100		
72	24.6	25.3	37.9#



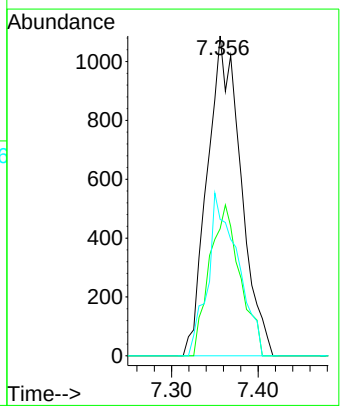
Instrument :
MSVOA_Y
ClientSampleId :
VB16208



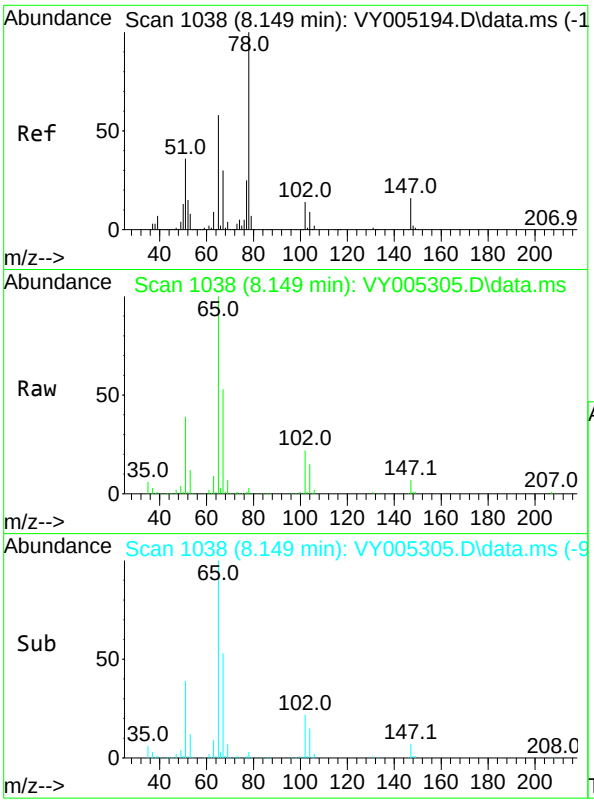
#29
Tetrahydrofuran
Concen: 7.378 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 42 Resp: 2922

Ion	Ratio	Lower	Upper
42	100		
72	43.0	40.9	61.3
71	45.4	37.9	56.9



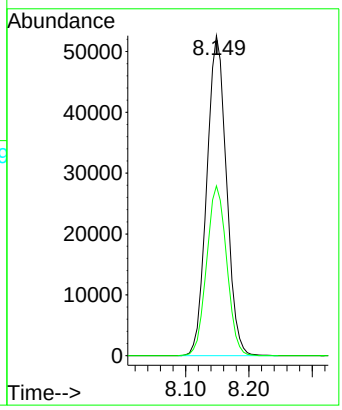
Instrument :
MSVOA_Y
ClientSampleId :
VB16208

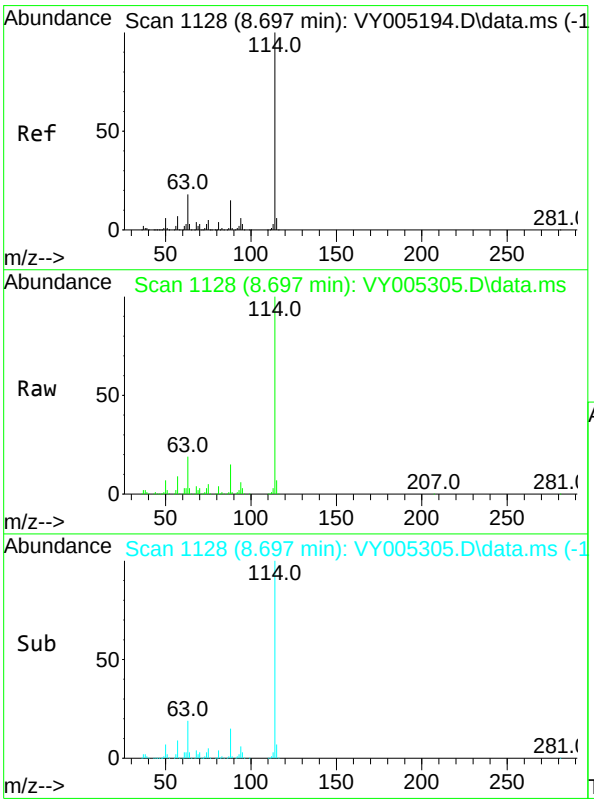


#33
1,2-Dichloroethane-d4
Concen: 63.435 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 65 Resp: 113360

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.6

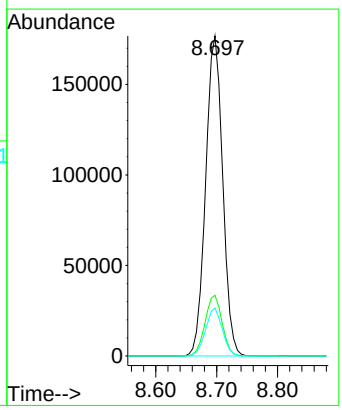




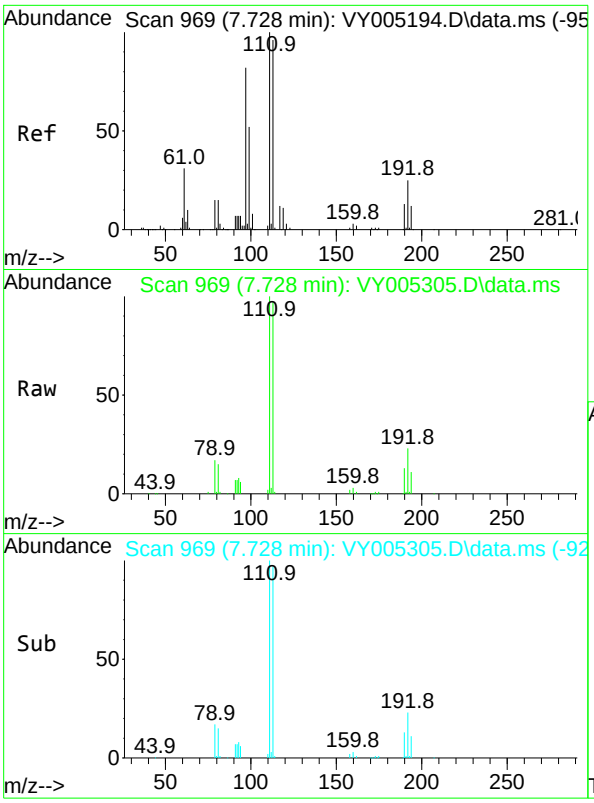
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:114 Resp: 342872

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.2
88	15.0	0.0	29.4



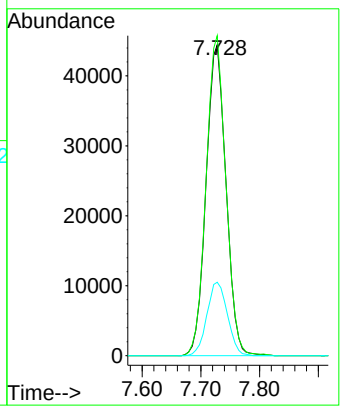
Instrument :
MSVOA_Y
ClientSampleId :
VB16208

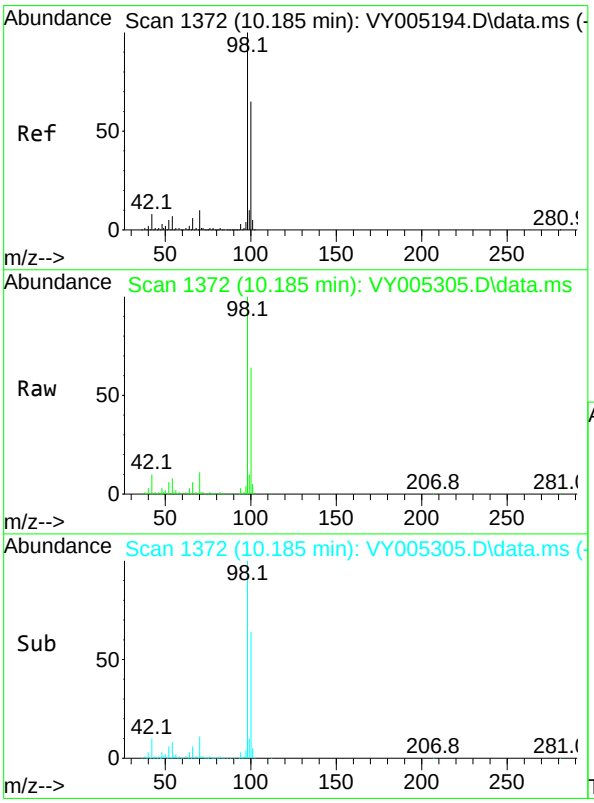


#35
Dibromofluoromethane
Concen: 51.814 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:113 Resp: 104773

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	24.3	20.2	30.2

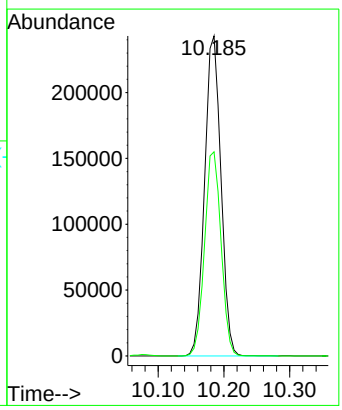


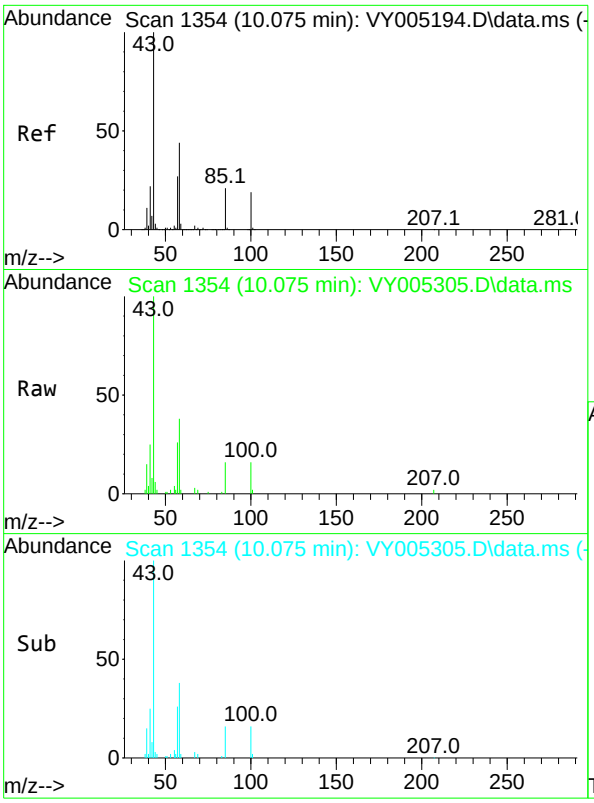


#50
Toluene-d8
Concen: 51.902 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 98 Resp: 419712

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

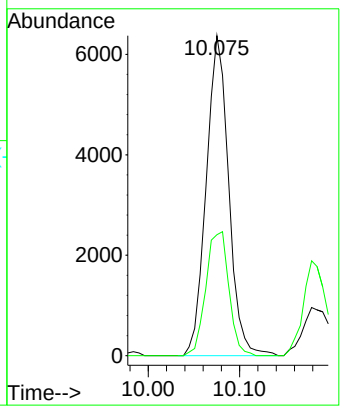




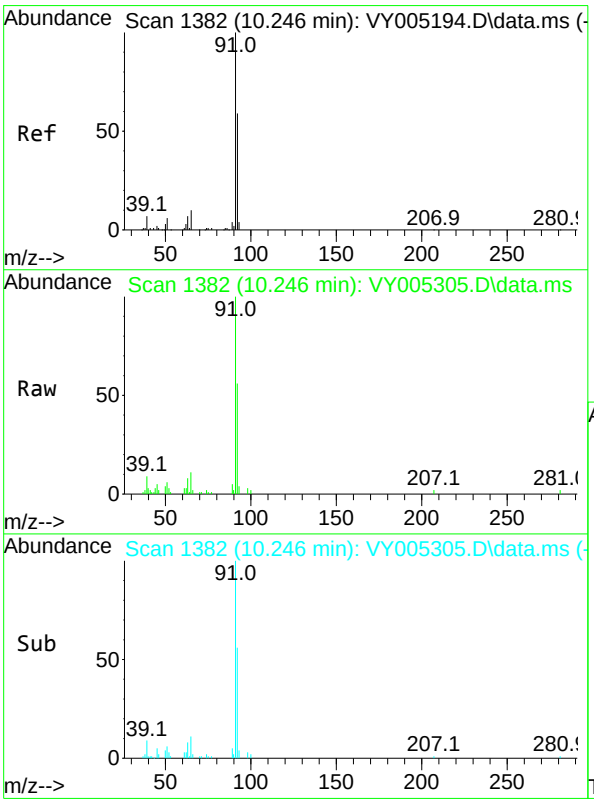
#51
4-Methyl-2-Pentanone
Concen: 7.254 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 43 Resp: 10866

Ion	Ratio	Lower	Upper
43	100		
58	39.7	35.3	52.9



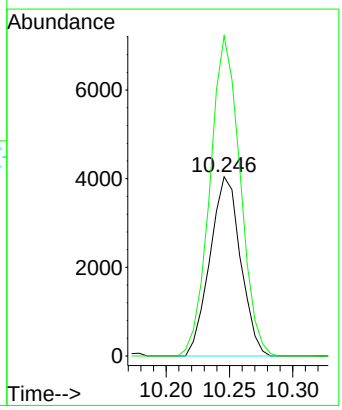
Instrument :
MSVOA_Y
ClientSampleId :
VB16208



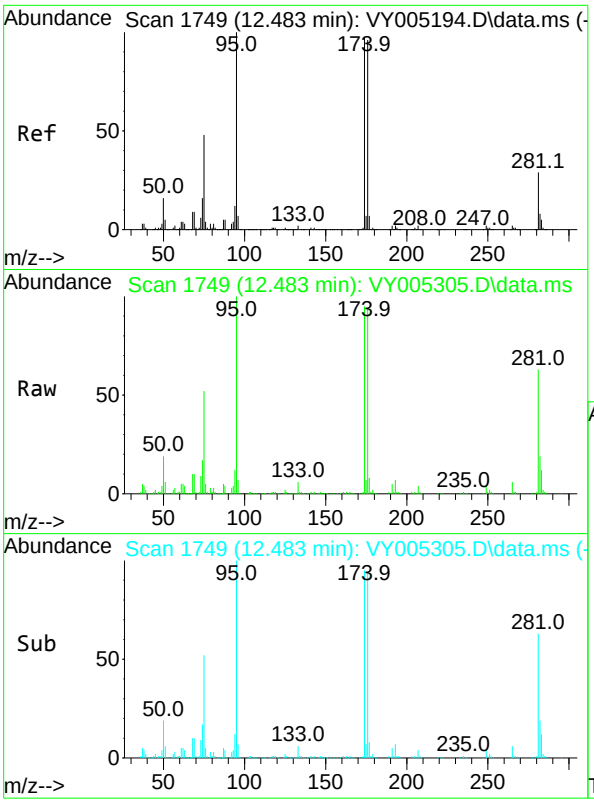
#52
Toluene
Concen: 1.195 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 92 Resp: 6801

Ion	Ratio	Lower	Upper
92	100		
91	176.3	138.3	207.5



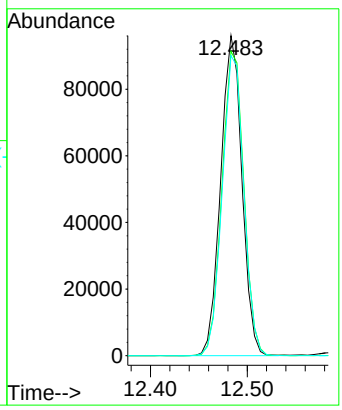
Instrument :
MSVOA_Y
ClientSampleId :
VB16208

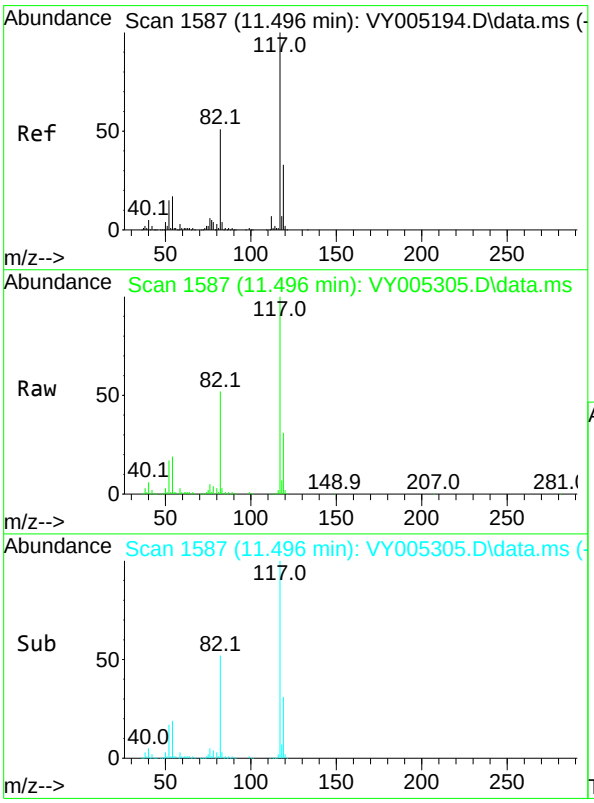


#62
4-Bromofluorobenzene
Concen: 54.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion: 95 Resp: 146634

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	201.6
176	95.2	0.0	197.4

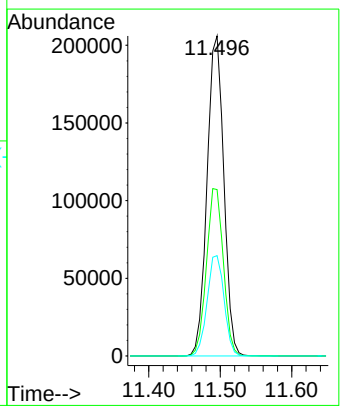




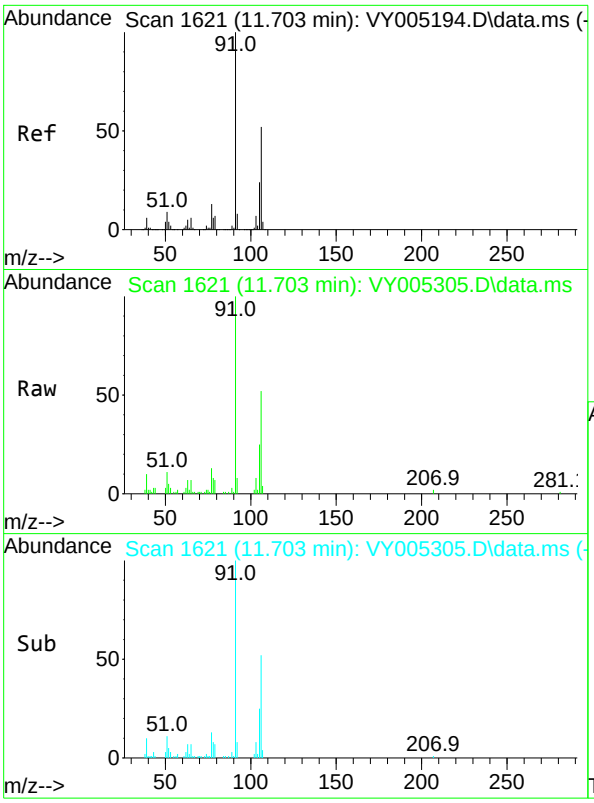
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:117 Resp: 334603

Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.6	60.8
119	31.3	26.1	39.1



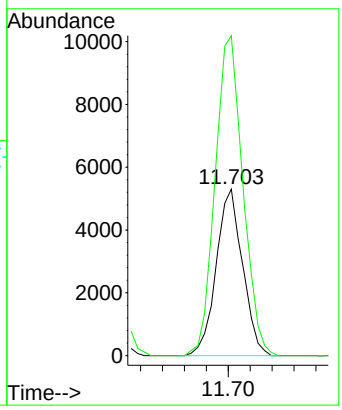
Instrument :
MSVOA_Y
ClientSampleId :
VB16208

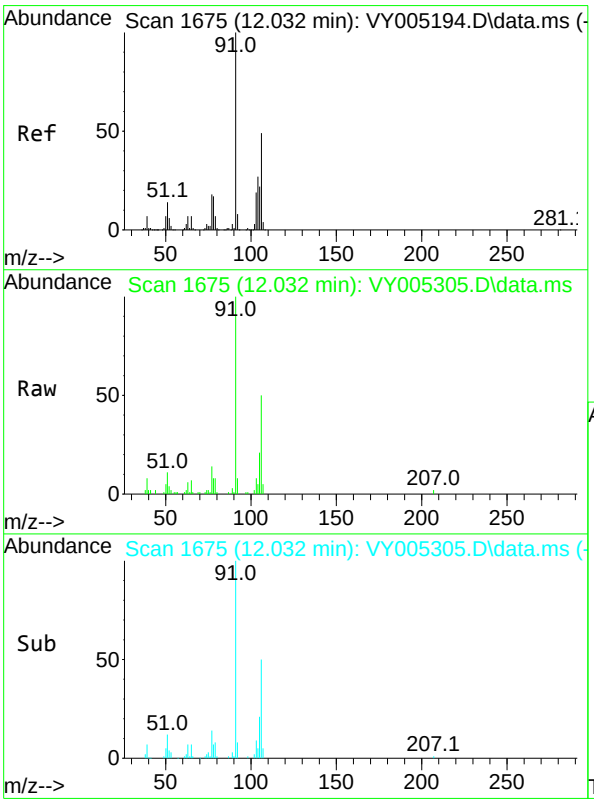


#68
m/p-Xylenes
Concen: 1.933 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:106 Resp: 8855

Ion	Ratio	Lower	Upper
106	100		
91	202.6	154.8	232.2

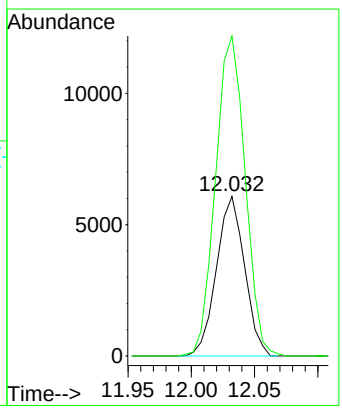




#69
o-Xylene
Concen: 2.166 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:106 Resp: 9396

Ion	Ratio	Lower	Upper
106	100		
91	210.8	101.6	304.8



Instrument :
MSVOA_Y
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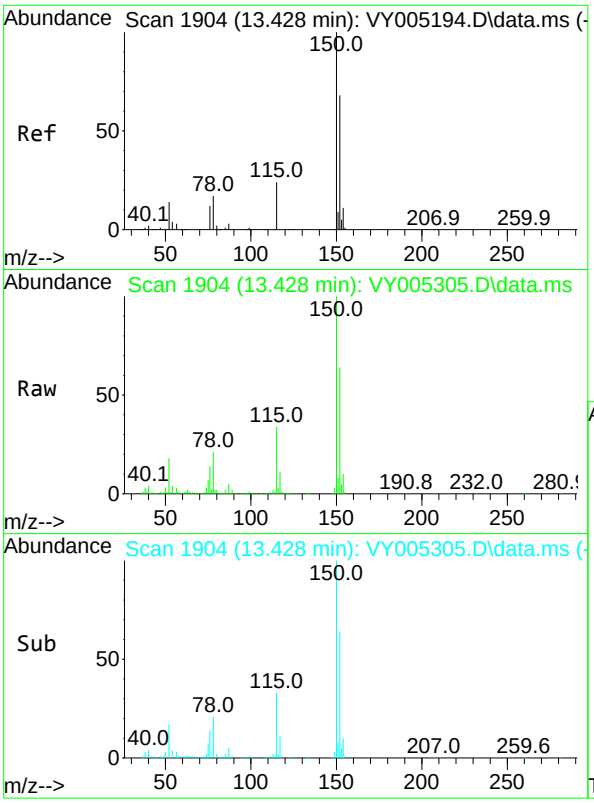
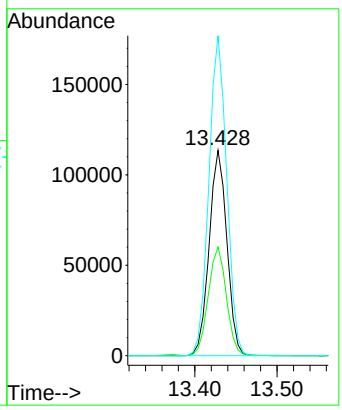
VB16208

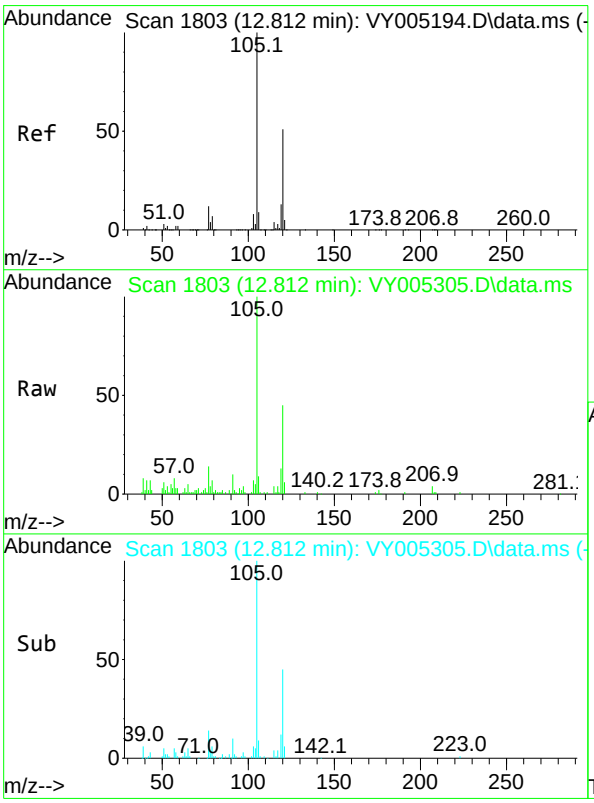


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:152 Resp: 170309

Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.3	78.8
150	156.4	0.0	344.2

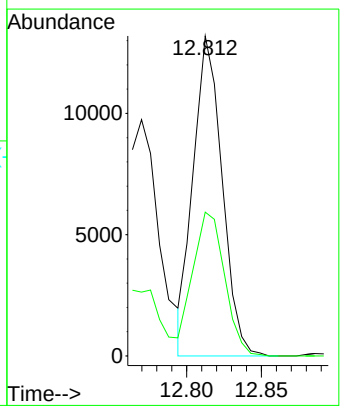


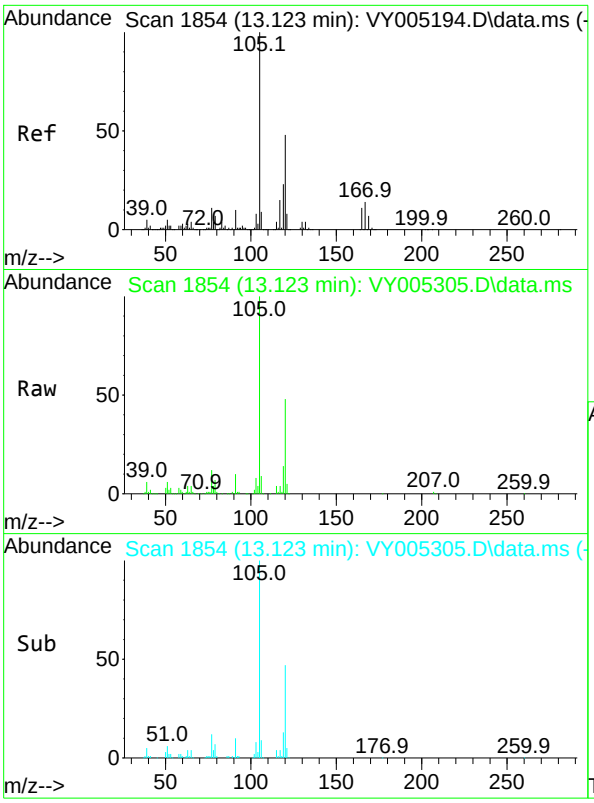


#80
1,3,5-Trimethylbenzene
Concen: 1.940 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:105 Resp: 17729

Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.9	77.7

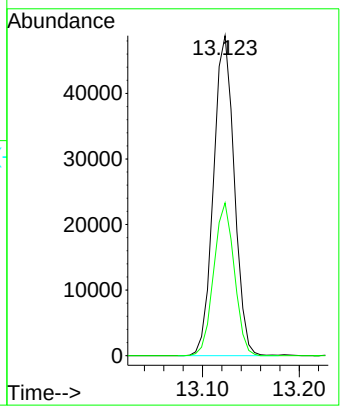




#84
1,2,4-Trimethylbenzene
Concen: 8.046 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005305.D
Acq: 30 Jun 2021 18:01

Tgt Ion:105 Resp: 72694

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.6	71.0



Instrument :
MSVOA_Y
ClientSampleId :
VB16208