Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007307.D
Acq On : 26 Jan 2022 15:30
Operator : SY/MD
Sample : N1263-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Quant Time: Jan 27 00:34:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	85601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	145152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53655	51.084	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.160%			
35) Dibromofluoromethane	7.722	113	52971	49.409	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.820%			
50) Toluene-d8	10.179	98	195382	49.876	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.483	95	62659	44.967	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.940%			
Target Compounds						Qvalue
16) Acetone	3.960	43	6052	22.202	ug/l	97
39) Methylcyclohexane	9.185	83	3511	1.679	ug/l	92
52) Toluene	10.246	92	4162	1.438	ug/l	92
67) Ethyl Benzene	11.593	91	9005	1.510	ug/l	100
68) m/p-Xylenes	11.703	106	15437	6.964	ug/l	97
69) o-Xylene	12.032	106	8024	3.844	ug/l	100
78) n-propylbenzene	12.672	91	12798	2.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	25594	6.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	69235	18.672	ug/l	99

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

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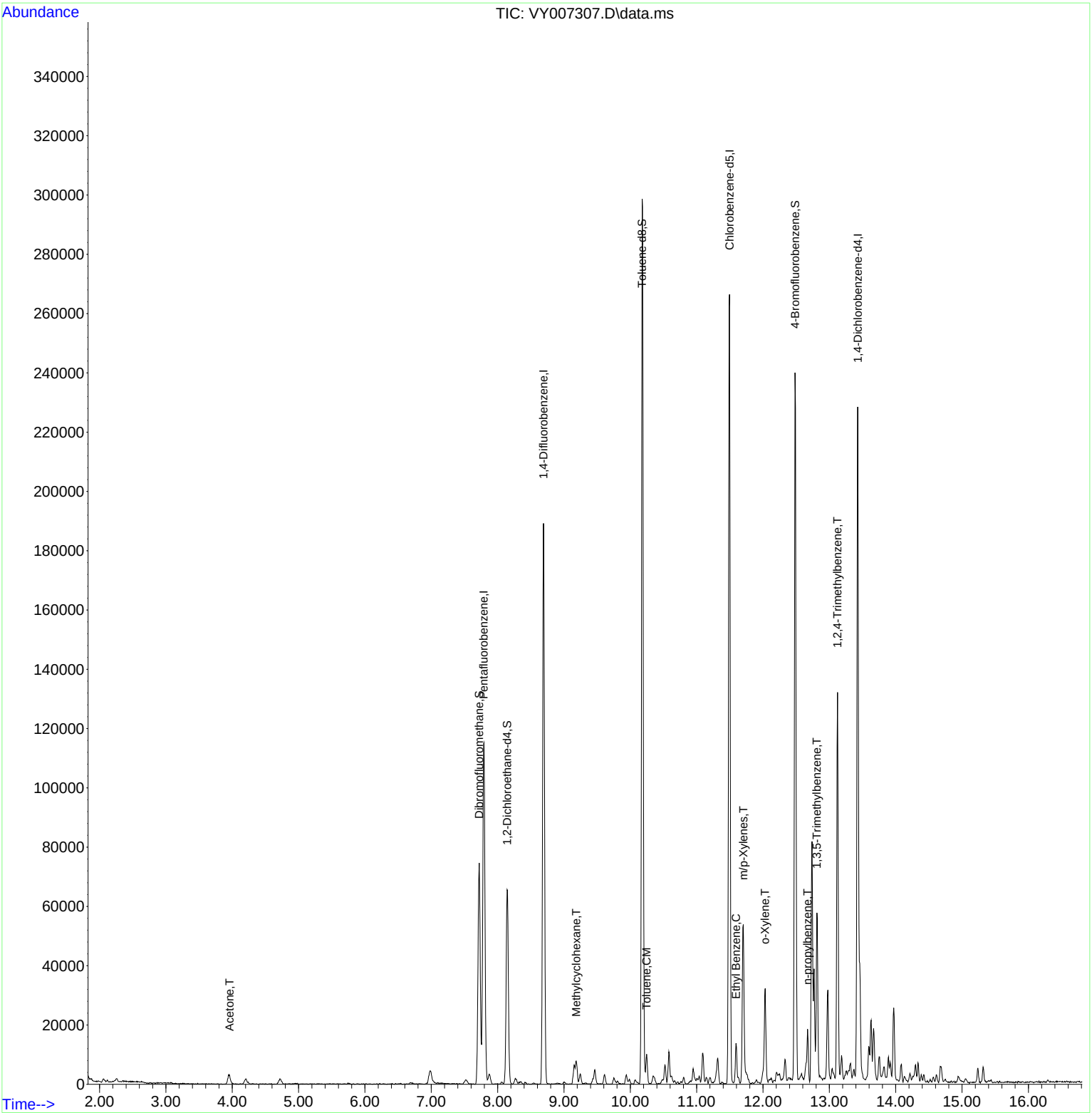
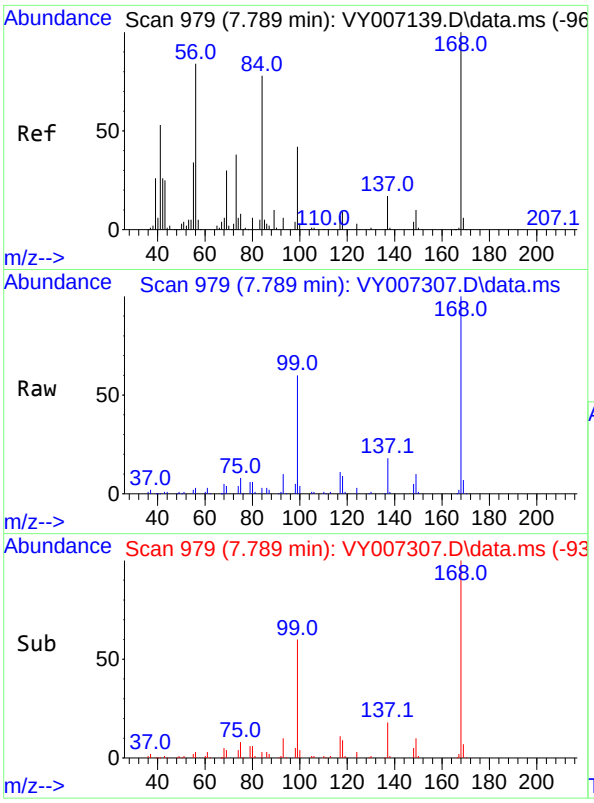


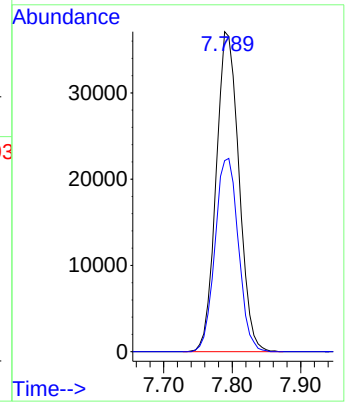


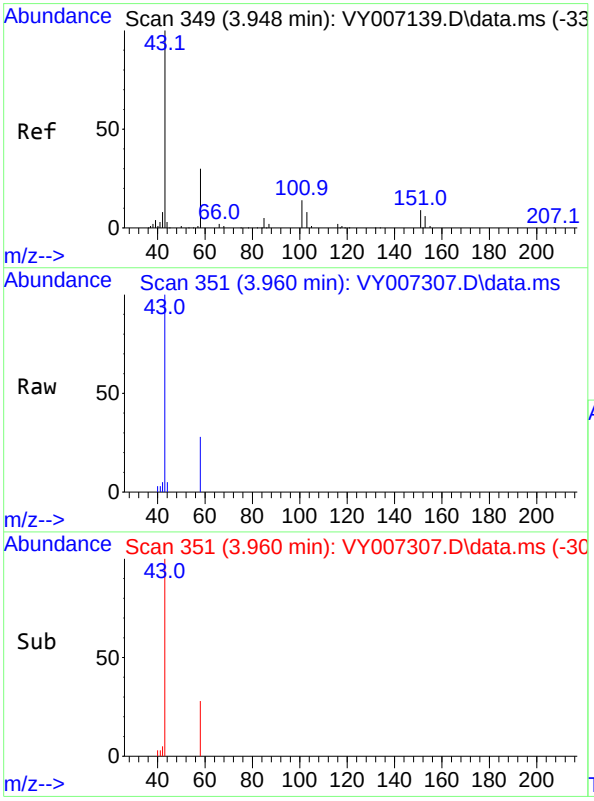
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion:168 Resp: 85601

Ion	Ratio	Lower	Upper
168	100		
99	59.7	49.1	73.7

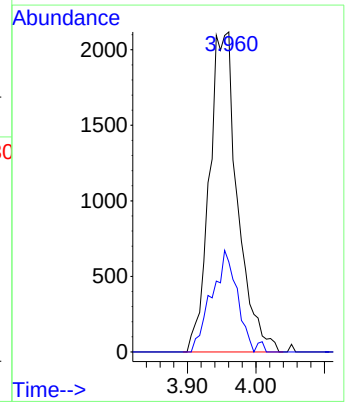


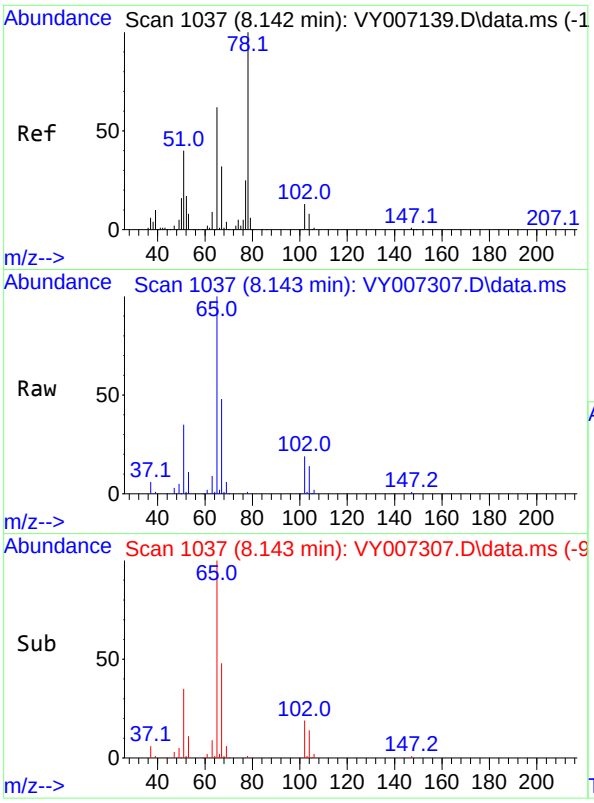


#16
Acetone
Concen: 22.202 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion: 43 Resp: 6052

Ion	Ratio	Lower	Upper
43	100		
58	28.1	23.8	35.6



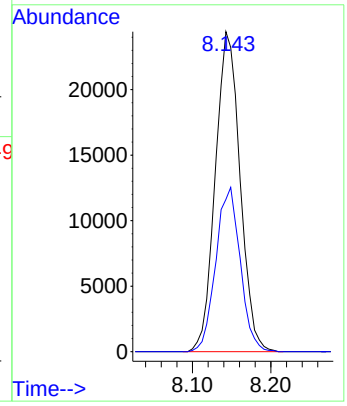


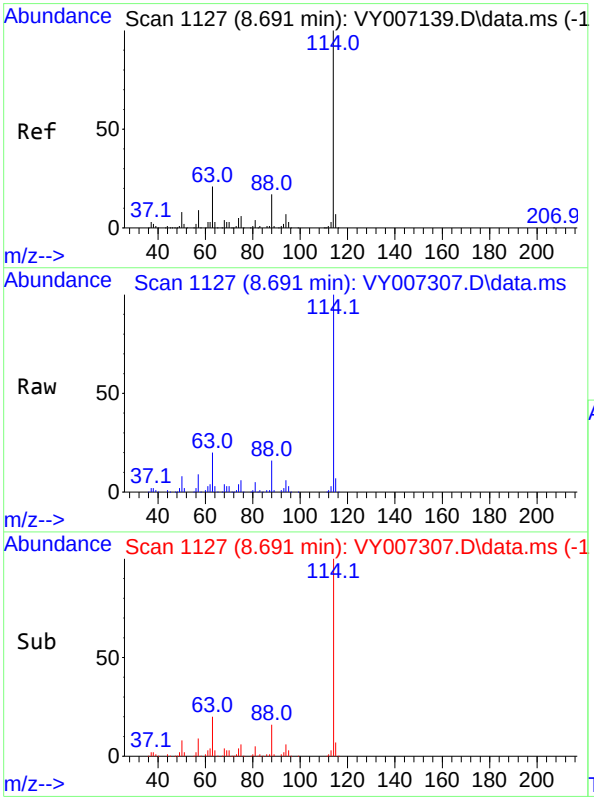
#33
1,2-Dichloroethane-d4
Concen: 51.084 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion: 65 Resp: 53655

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.6

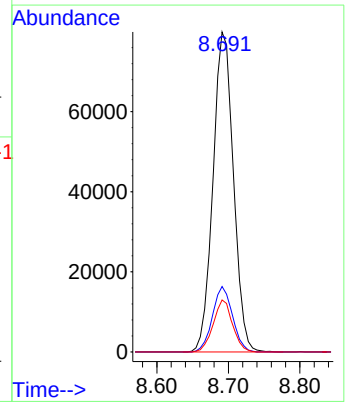


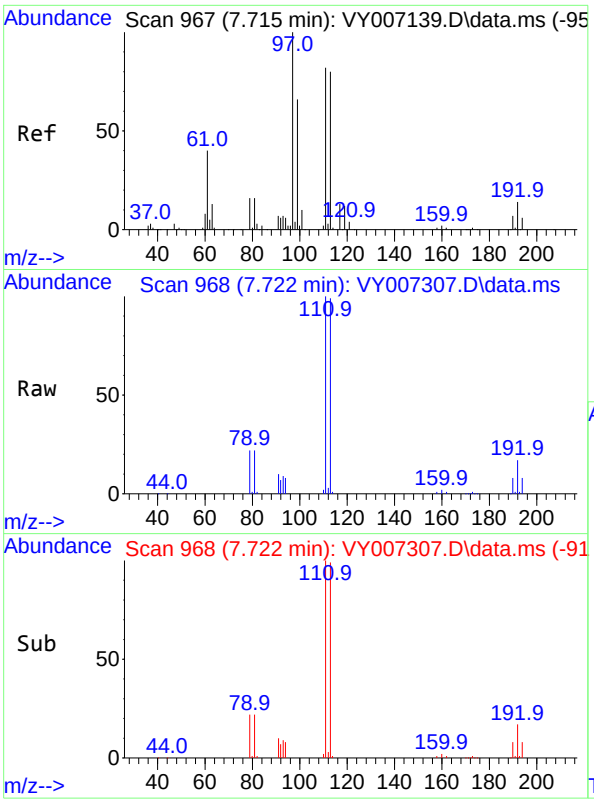


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion:114 Resp: 158549

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	16.3	0.0	31.0



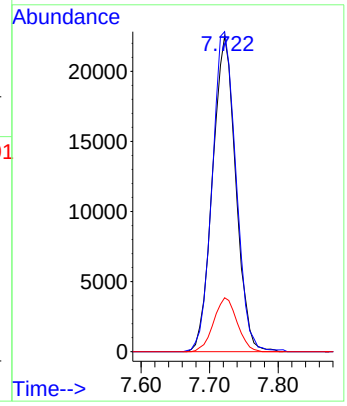


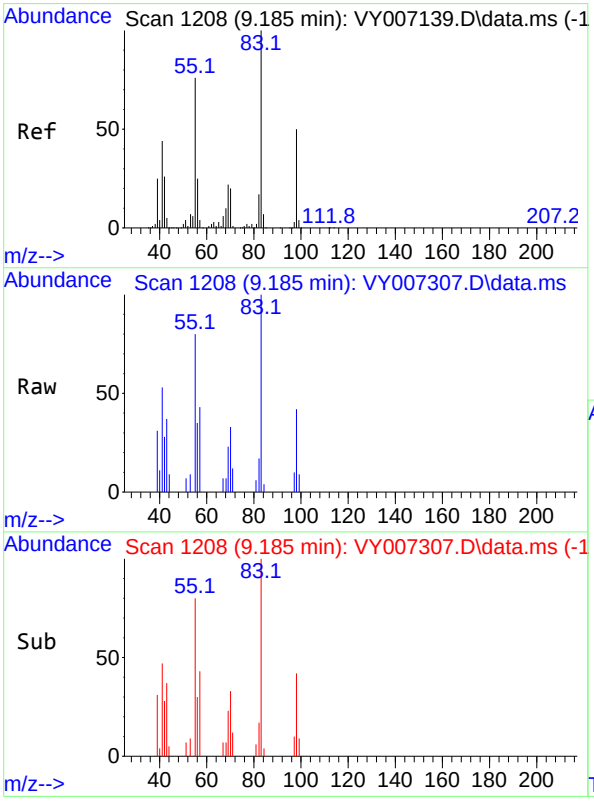
#35
Dibromofluoromethane
Concen: 49.409 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.007 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion:113 Resp: 52971

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	17.2	14.2	21.4

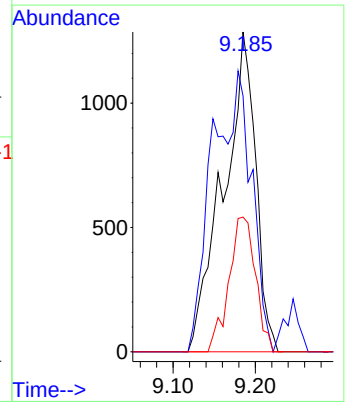


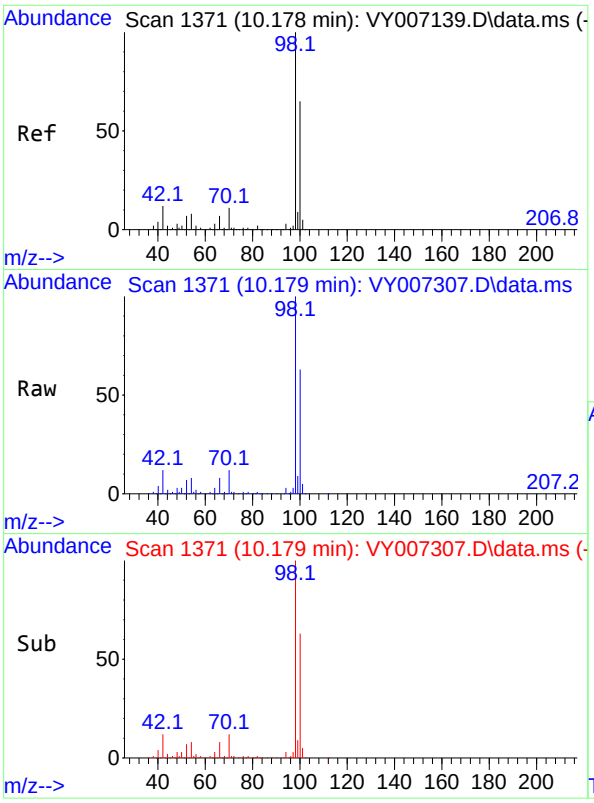


#39
Methylcyclohexane
Concen: 1.679 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion: 83 Resp: 3511

Ion	Ratio	Lower	Upper
83	100		
55	80.0	58.8	88.2
98	42.1	38.7	58.1



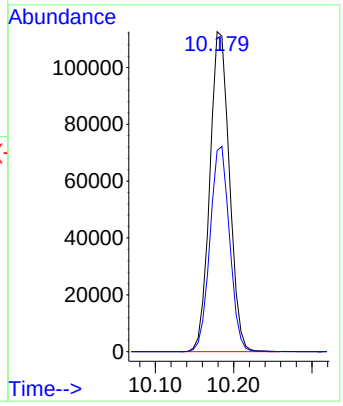


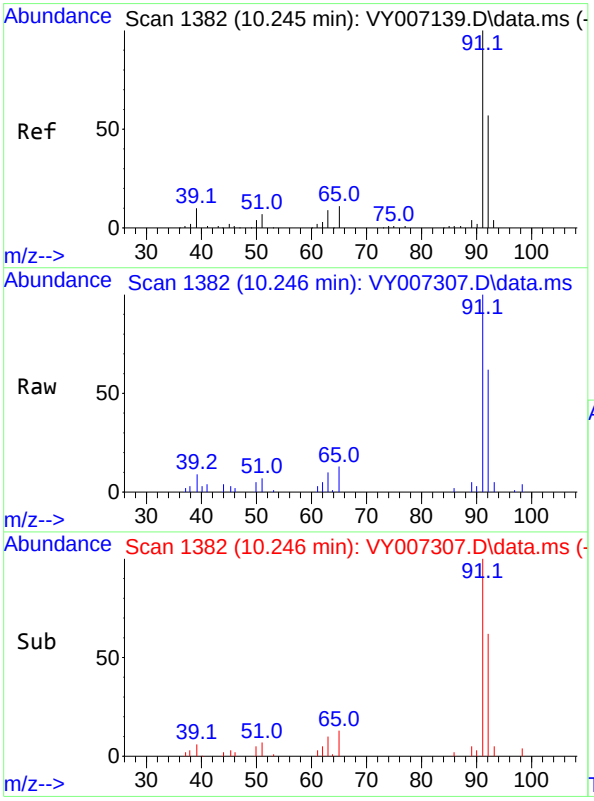
#50
Toluene-d8
Concen: 49.876 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion: 98 Resp: 195382

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2

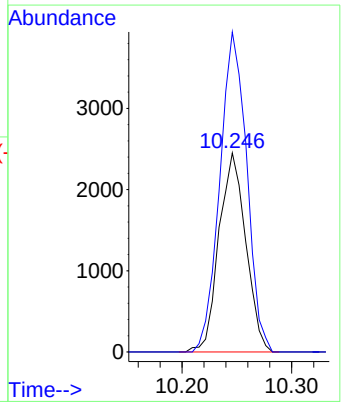


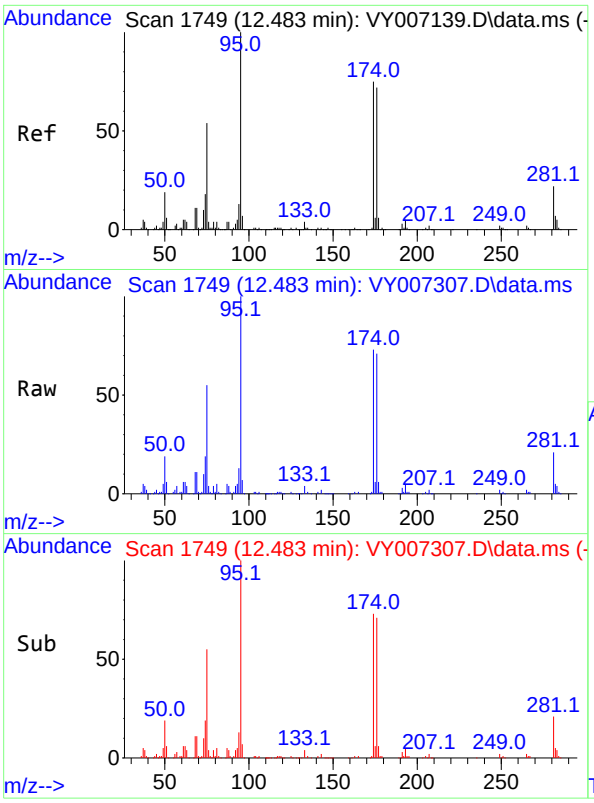


#52
Toluene
Concen: 1.438 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion: 92 Resp: 4162

Ion	Ratio	Lower	Upper
92	100		
91	161.5	138.6	207.8



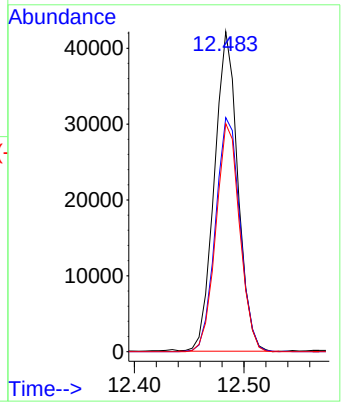


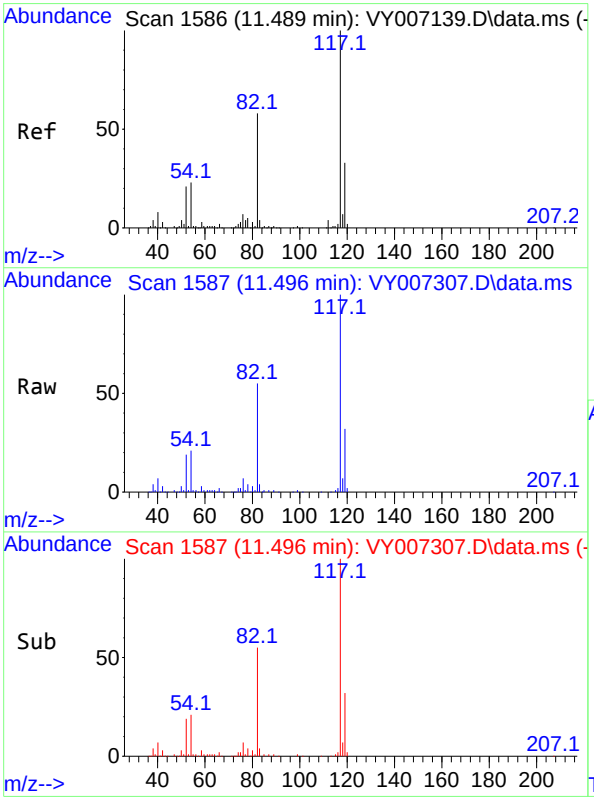
#62
4-Bromofluorobenzene
Concen: 44.967 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion: 95 Resp: 62659

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	148.4
176	72.3	0.0	146.6

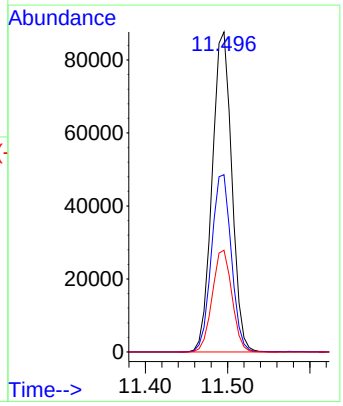


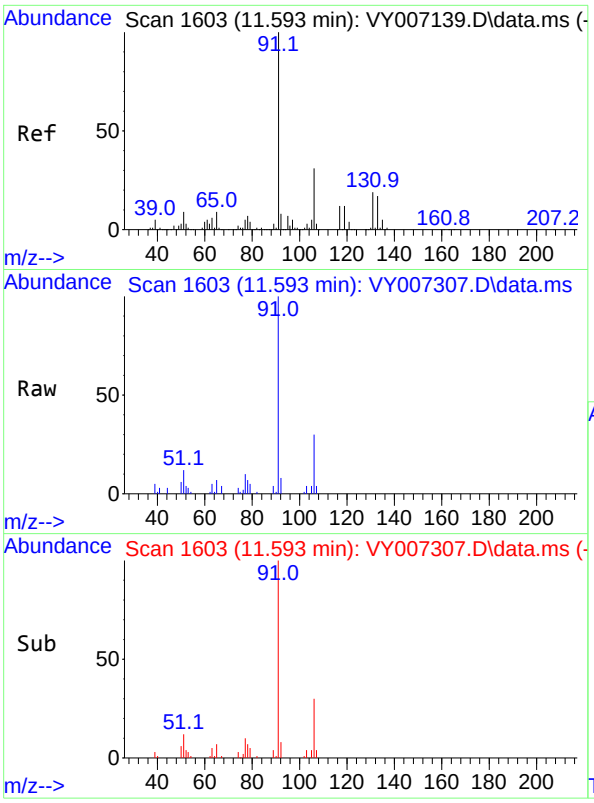


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion:117 Resp: 145152

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.4	68.0
119	31.8	26.4	39.6



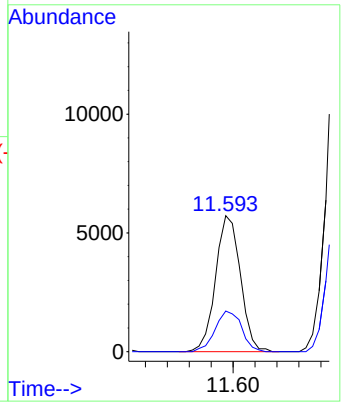


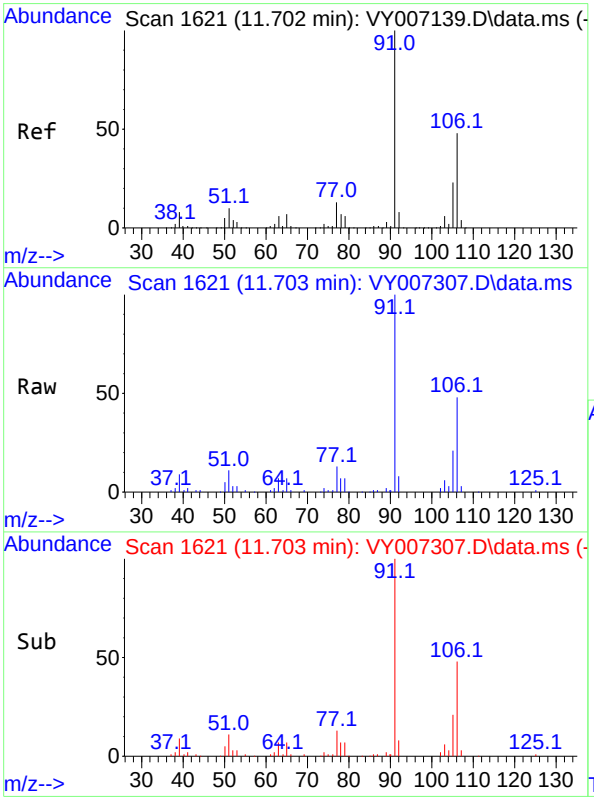
#67
Ethyl Benzene
Concen: 1.510 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion: 91 Resp: 9005

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.9	35.9

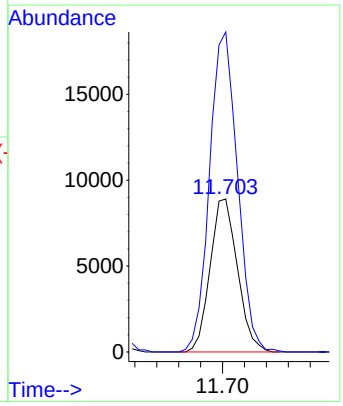


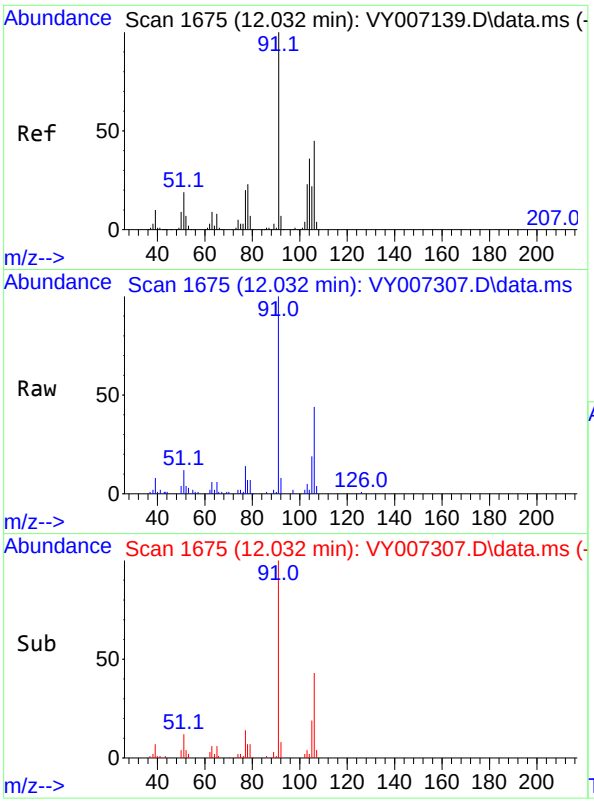


#68
m/p-Xylenes
Concen: 6.964 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion:106 Resp: 15437

Ion	Ratio	Lower	Upper
106	100		
91	213.8	167.1	250.7



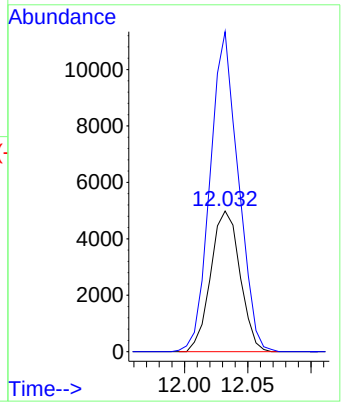


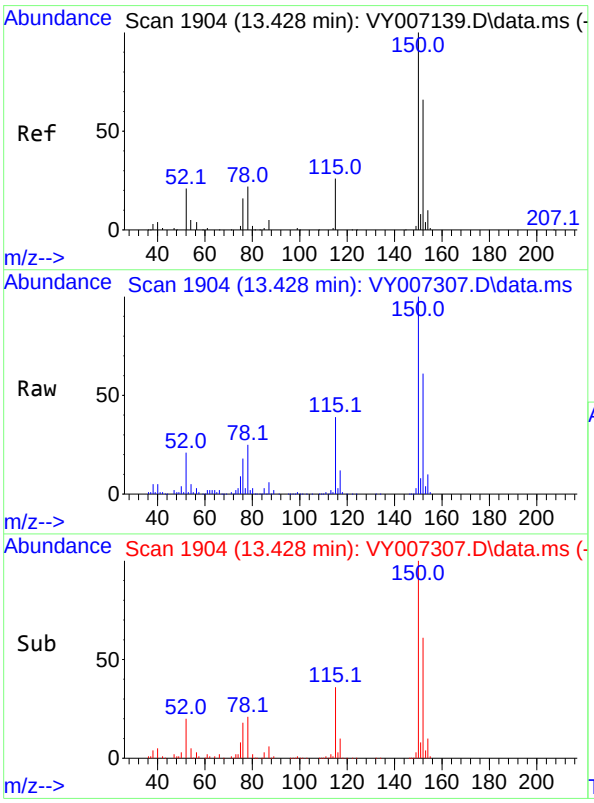
#69
o-Xylene
Concen: 3.844 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion:106 Resp: 8024

Ion	Ratio	Lower	Upper
106	100		
91	219.0	109.9	329.6

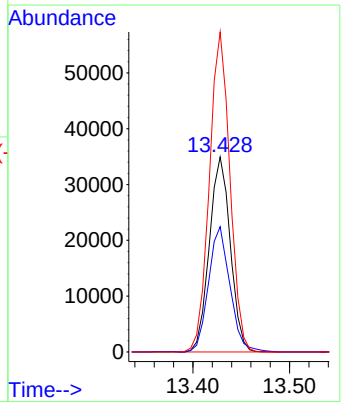


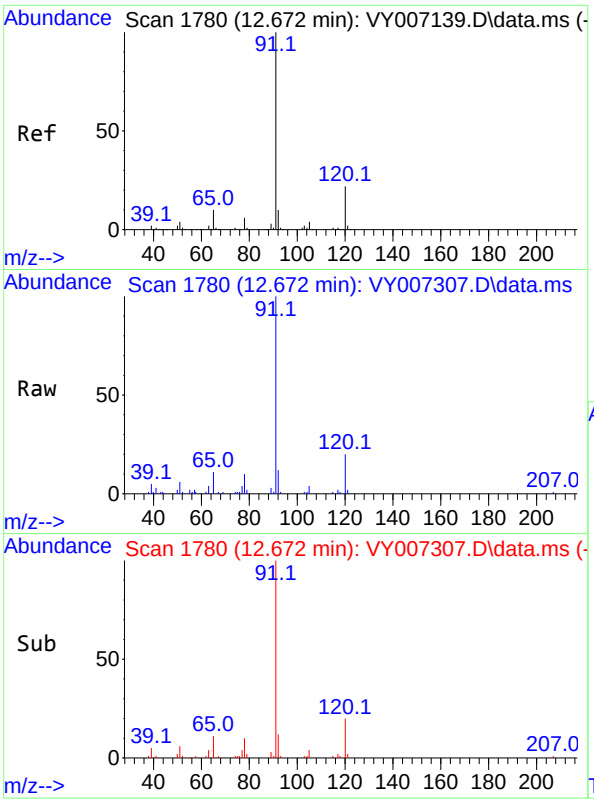


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion:152 Resp: 52750

Ion	Ratio	Lower	Upper
152	100		
115	65.7	31.4	94.0
150	160.3	0.0	348.4



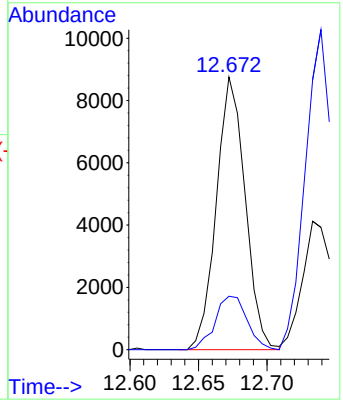


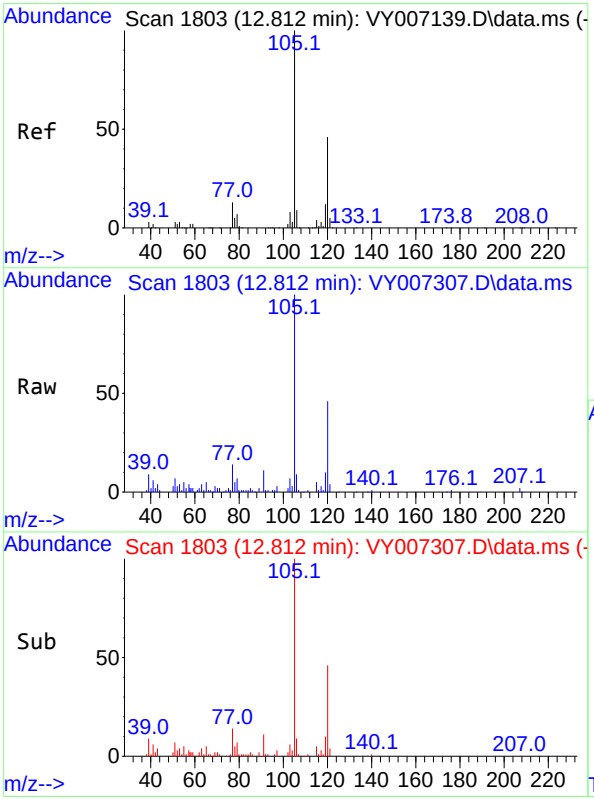
#78
n-propylbenzene
Concen: 2.266 ug/l
RT: 12.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion: 91 Resp: 12798

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.5

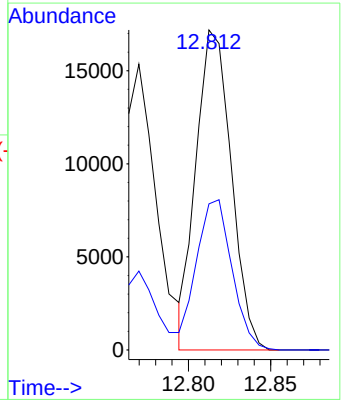


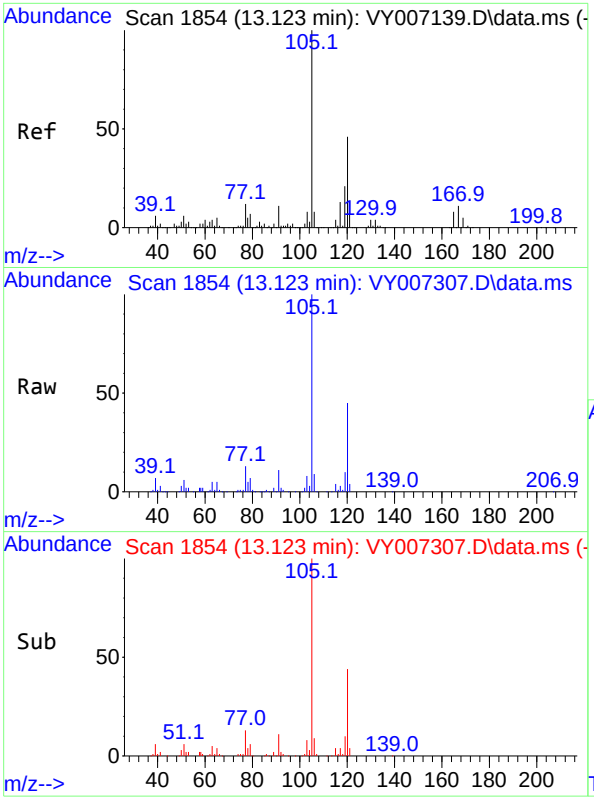


#80
1,3,5-Trimethylbenzene
Concen: 6.842 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Tgt Ion:105 Resp: 25594

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.7	71.1





#84
1,2,4-Trimethylbenzene
Concen: 18.672 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007307.D
Acq: 26 Jan 2022 15:30

Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

Tgt Ion:105 Resp: 69235

Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.6	64.6