Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX026003.D
Acq On : 24 Dec 2021 04:53
Operator : JC/MD
Sample : M5171-09MEDL 4000X
Misc : 5.99g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BGLA5MEDL

Quant Time: Dec 24 06:50:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	247596	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	232433	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113965	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	97117	55.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.620%			
7) Chloroethane-d5	1.672	69	73397	52.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.620%			
11) 1,1-Dichloroethene-d2	2.313	63	141265	40.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.200%			
21) 2-Butanone-d5	4.458	46	135534	89.035	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.030%			
24) Chloroform-d	5.062	84	164381	46.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.560%			
26) 1,2-Dichloroethane-d4	5.958	65	121036	50.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.760%			
32) Benzene-d6	5.976	84	359687	53.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.520%			
36) 1,2-Dichloropropane-d6	7.312	67	112622	54.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.300%			
41) Toluene-d8	8.653	98	324732	51.986	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.980%			
43) trans-1,3-Dichloroprop...	8.952	79	32846	36.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.600%			
47) 2-Hexanone-d5	9.384	63	106798	99.505	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.510%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	142688	46.532	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.060%			
66) 1,2-Dichlorobenzene-d4	12.323	152	115535	53.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.300%			
Target Compounds						Qvalue
42) Toluene	8.720	91	23335	2.969	ug/L	97
52) Ethylbenzene	10.195	91	34580	4.056	ug/L	95
53) m,p-Xylene	10.299	106	45188	13.886	ug/L	95
54) o-Xylene	10.646	106	12684	3.935	ug/L	87
60) Isopropylbenzene	10.963	105	14974	1.912	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	10487	1.600	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	34608	5.269	ug/L #	81

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

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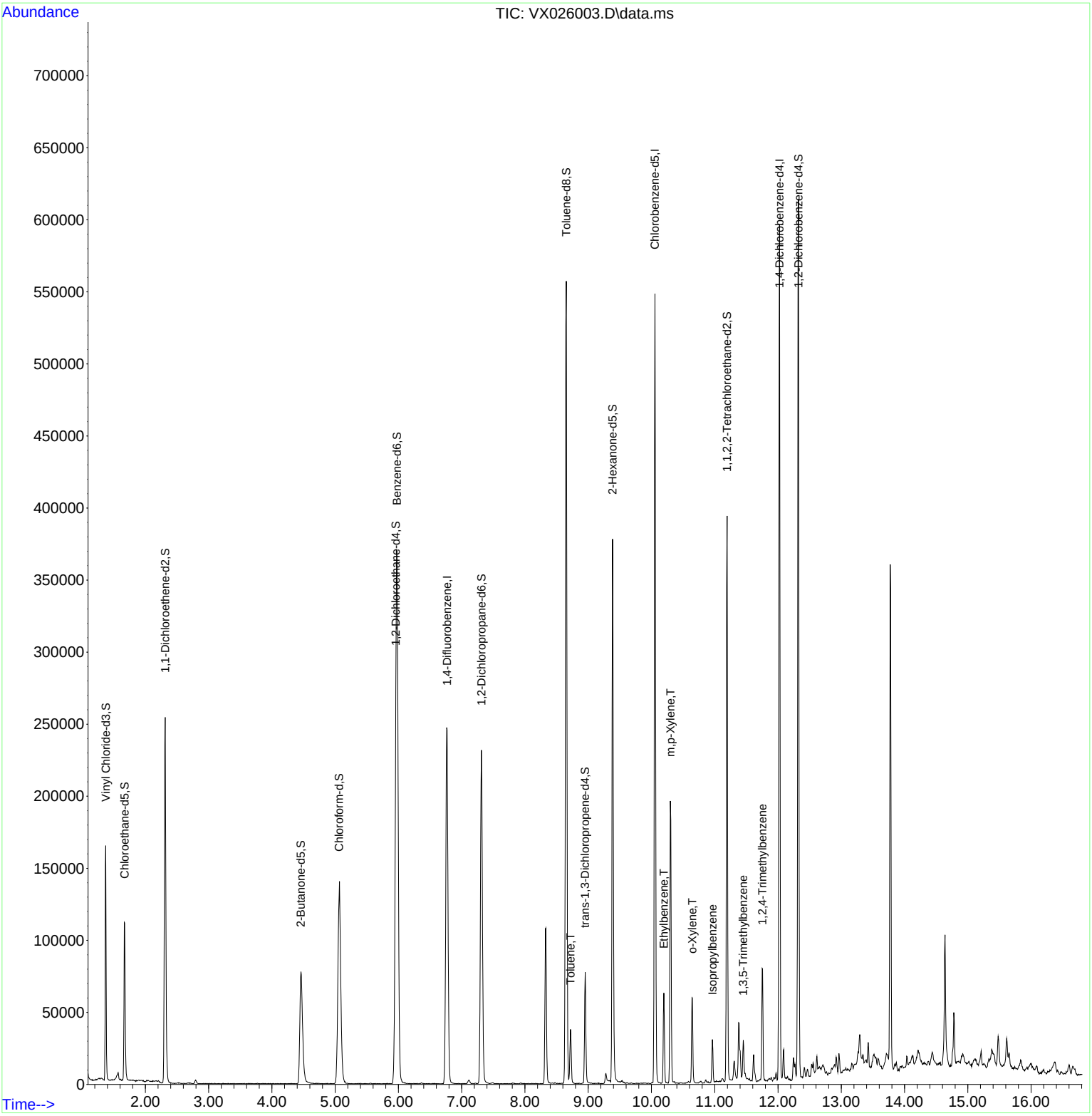
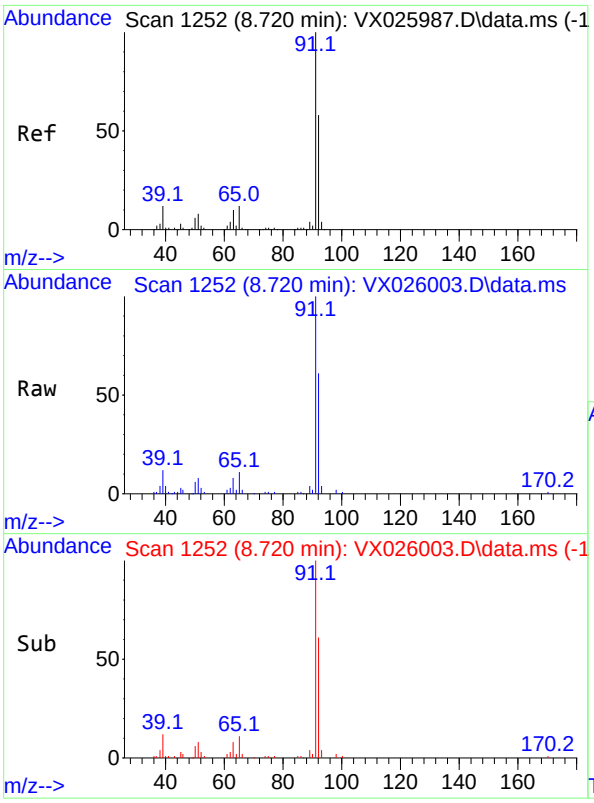


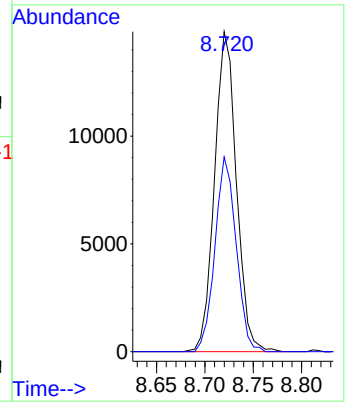


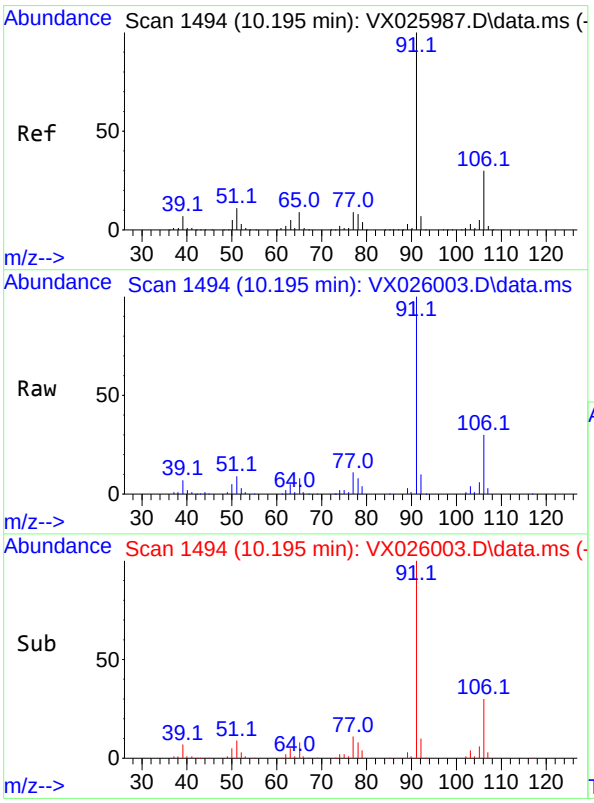
#42
Toluene
Concen: 2.969 ug/L
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Instrument :
MSVOA_X
ClientSampleId :
BGLA5MEDL

Tgt Ion: 91 Resp: 23335

Ion	Ratio	Lower	Upper
91	100		
92	60.8	41.2	76.6

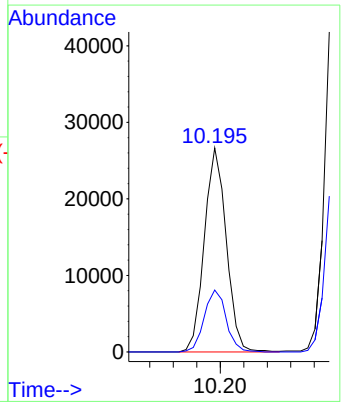


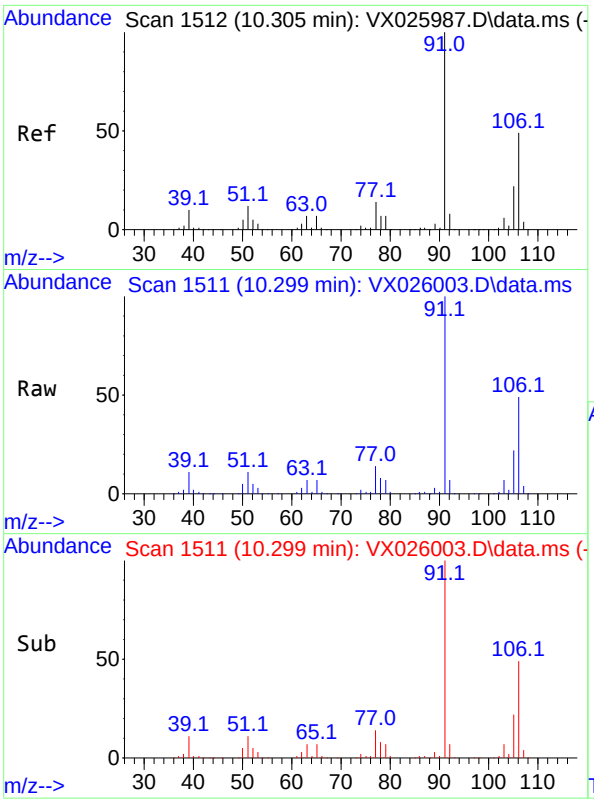


#52
Ethylbenzene
Concen: 4.056 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Tgt Ion: 91 Resp: 34580

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.1	42.9



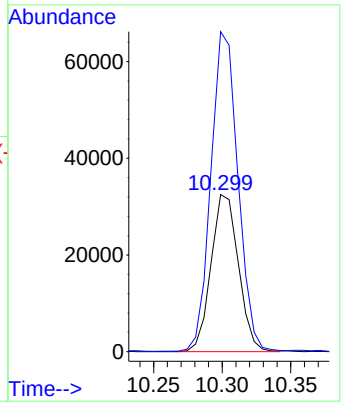


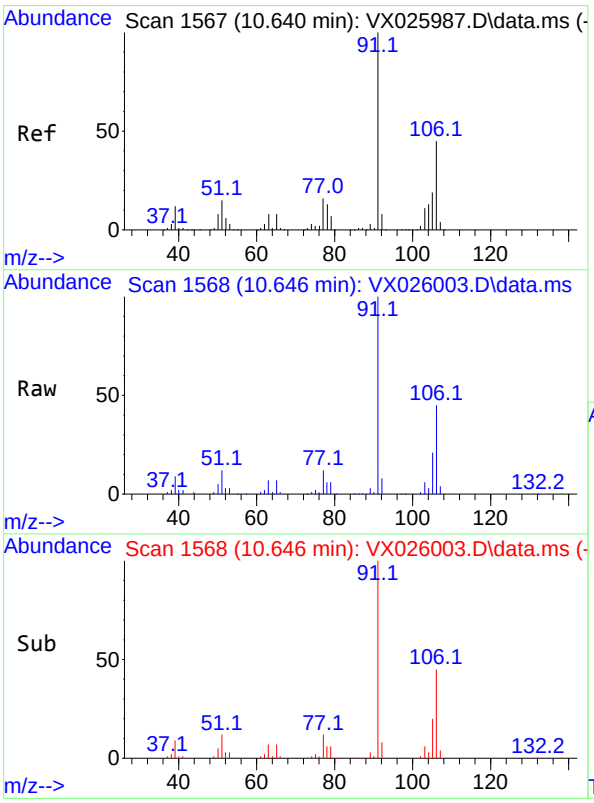
#53
m,p-Xylene
Concen: 13.886 ug/L
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Instrument :
MSVOA_X
ClientSampleId :
BGLA5MEDL

Tgt Ion:106 Resp: 45188

Ion	Ratio	Lower	Upper
106	100		
91	203.7	136.8	254.2

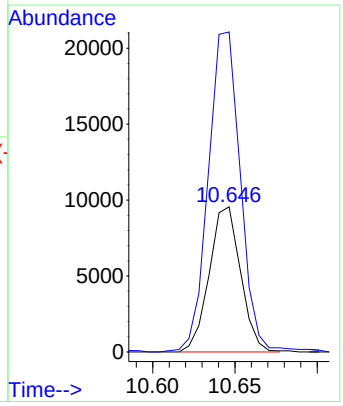


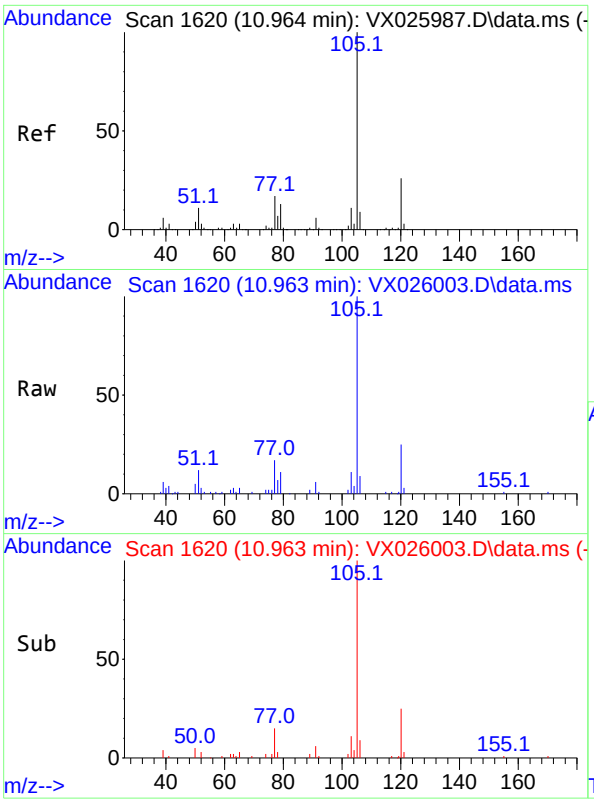


#54
o-Xylene
Concen: 3.935 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Tgt Ion:106 Resp: 12684

Ion	Ratio	Lower	Upper
106	100		
91	220.5	140.5	260.9



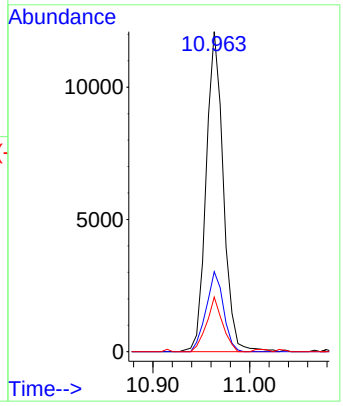


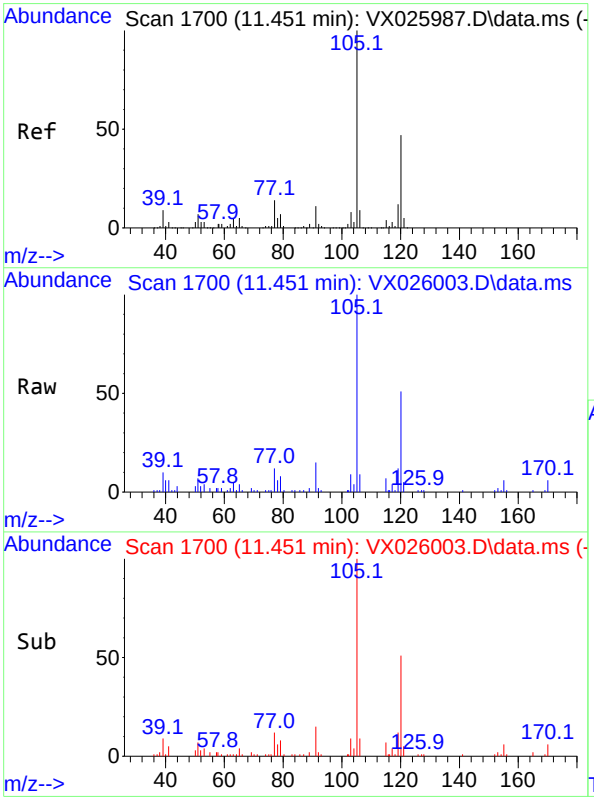
#60
Isopropylbenzene
Concen: 1.912 ug/L
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Instrument :
MSVOA_X
ClientSampleId :
BGLA5MEDL

Tgt Ion:105 Resp: 14974

Ion	Ratio	Lower	Upper
105	100		
120	25.2	22.3	33.5
77	15.9	11.5	17.3

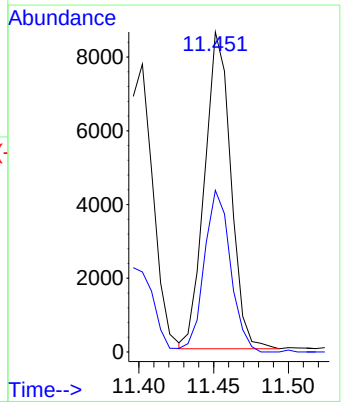


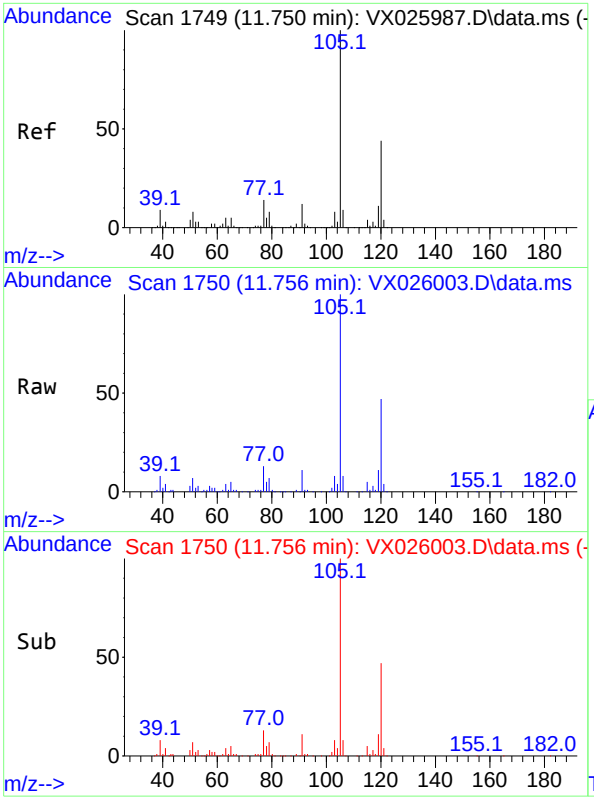


#62
1,3,5-Trimethylbenzene
Concen: 1.600 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Tgt Ion:105 Resp: 10487

Ion	Ratio	Lower	Upper
105	100		
120	50.9	41.0	61.4





#63
1,2,4-Trimethylbenzene
Concen: 5.269 ug/L
RT: 11.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026003.D
Acq: 24 Dec 2021 04:53

Instrument :
MSVOA_X
ClientSampleId :
BGLA5MEDL

Tgt Ion:105 Resp: 34608

Ion	Ratio	Lower	Upper
105	100		
120	44.3	0.1	0.1#