Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
Data File : VX026019.D
Acq On : 24 Dec 2021 16:56
Operator : JC/MD
Sample : M5154-09DL 10X
Misc : 7.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL89DL

Quant Time: Dec 24 22:43:54 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	6.763	114	202392	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	193259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100221	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	68888	47.998	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.000%			
7) Chloroethane-d5	1.654	69	56307	49.091	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.180%			
11) 1,1-Dichloroethene-d2	2.306	63	102598	36.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.140%			
21) 2-Butanone-d5	4.458	46	119122	95.731	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.730%			
24) Chloroform-d	5.062	84	130588	45.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.940%			
26) 1,2-Dichloroethane-d4	5.958	65	96446	49.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.200%			
32) Benzene-d6	5.976	84	284351	51.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.240%			
36) 1,2-Dichloropropane-d6	7.312	67	89227	51.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.200%			
41) Toluene-d8	8.647	98	258331	49.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.480%			
43) trans-1,3-Dichloroprop...	8.952	79	32788	43.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.160%			
47) 2-Hexanone-d5	9.384	63	92588	103.752	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.750%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	128423	50.369	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.740%			
66) 1,2-Dichlorobenzene-d4	12.323	152	99518	52.548	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.100%			
Target Compounds						Qvalue
42) Toluene	8.720	91	6341	0.970	ug/L	89
52) Ethylbenzene	10.195	91	114517	16.156	ug/L	97
53) m,p-Xylene	10.299	106	138493	51.186	ug/L	93
54) o-Xylene	10.646	106	19843	7.404	ug/L	94
60) Isopropylbenzene	10.963	105	8570	1.245	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	11254	1.952	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	47712	8.261	ug/L #	81

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

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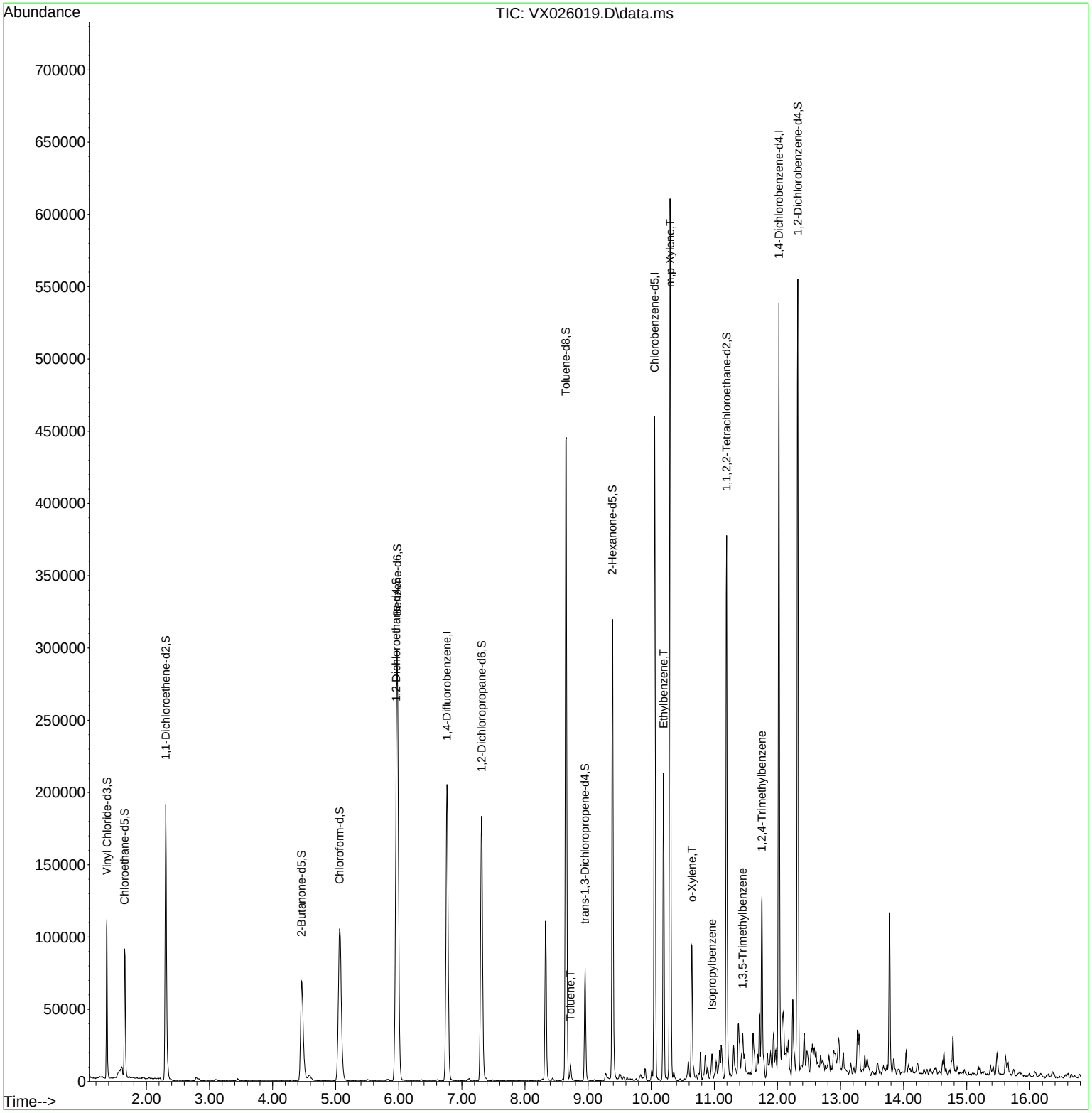
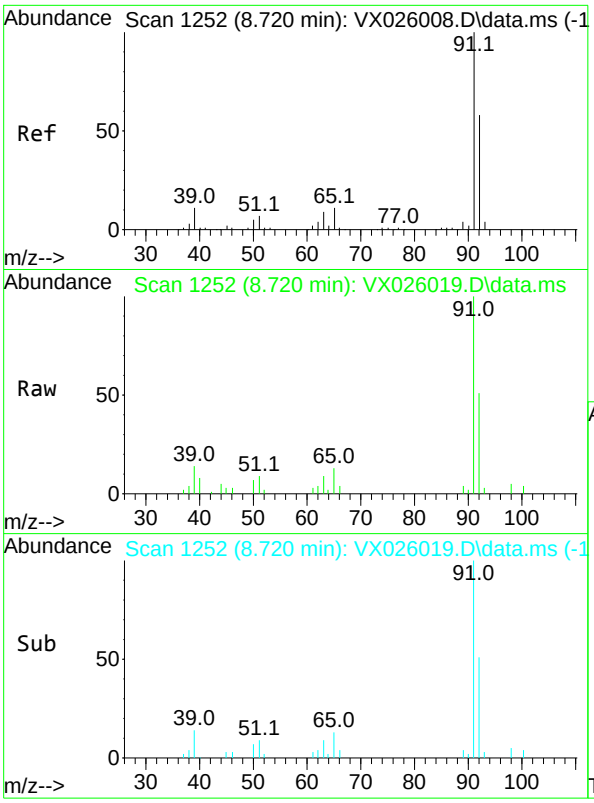


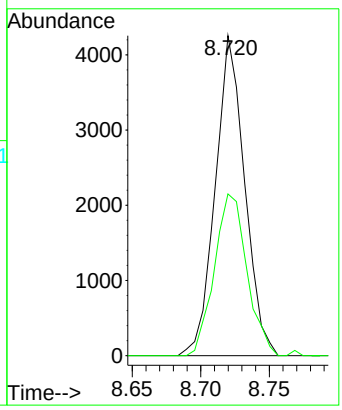


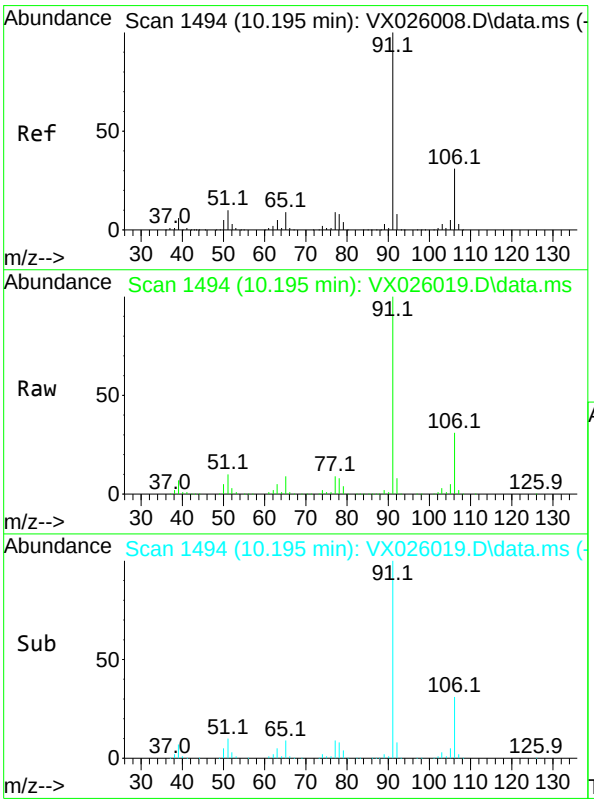
#42
Toluene
Concen: 0.970 ug/L
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Instrument :
MSVOA_X
ClientSampleId :
BGL89DL

Tgt Ion: 91 Resp: 6341

Ion	Ratio	Lower	Upper
91	100		
92	50.5	41.2	76.6

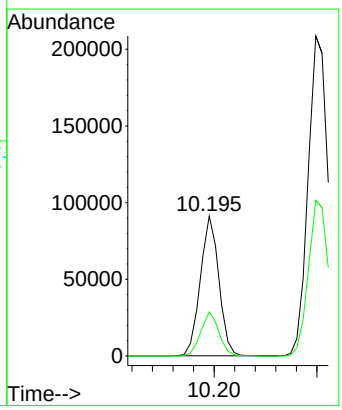


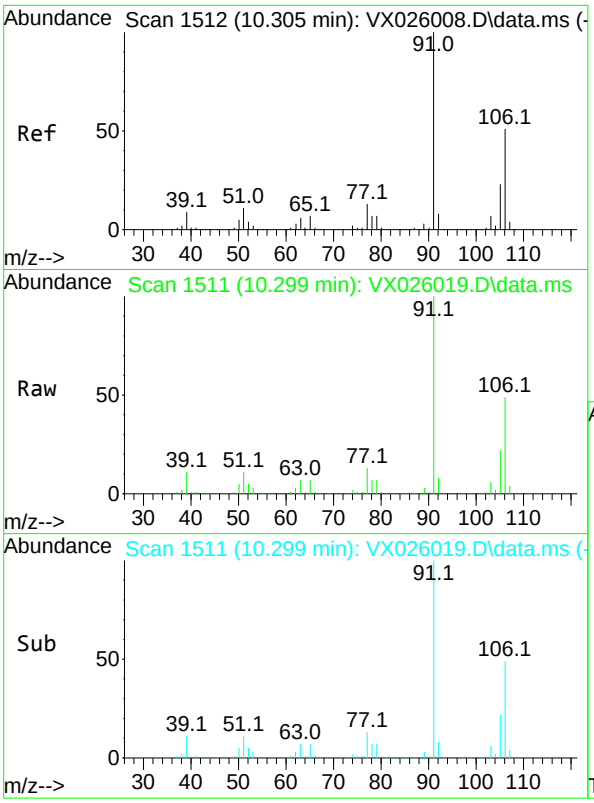


#52
Ethylbenzene
Concen: 16.156 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Tgt Ion: 91 Resp: 114517

Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.1	42.9



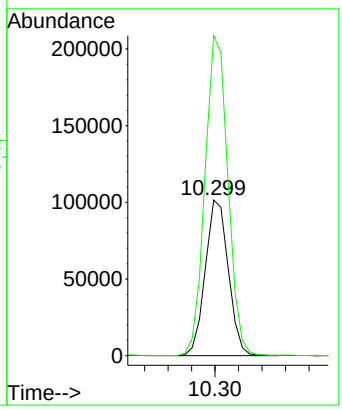


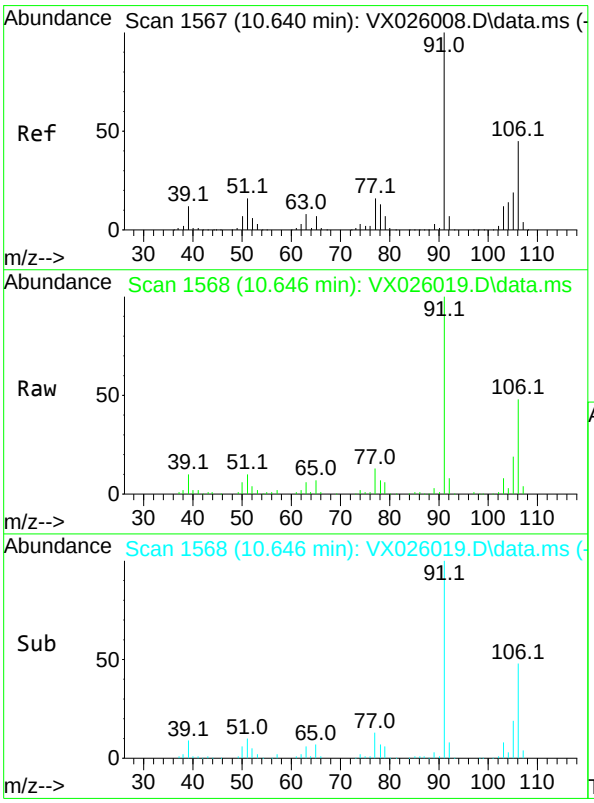
#53
m,p-Xylene
Concen: 51.186 ug/L
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Instrument :
MSVOA_X
ClientSampleId :
BGL89DL

Tgt Ion:106 Resp: 138493

Ion	Ratio	Lower	Upper
106	100		
91	205.6	136.8	254.2

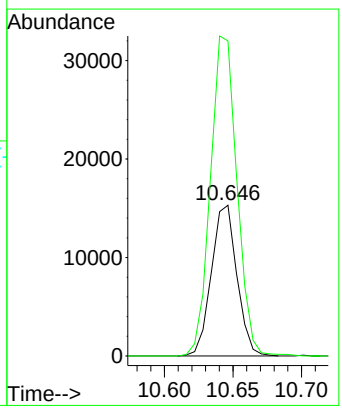


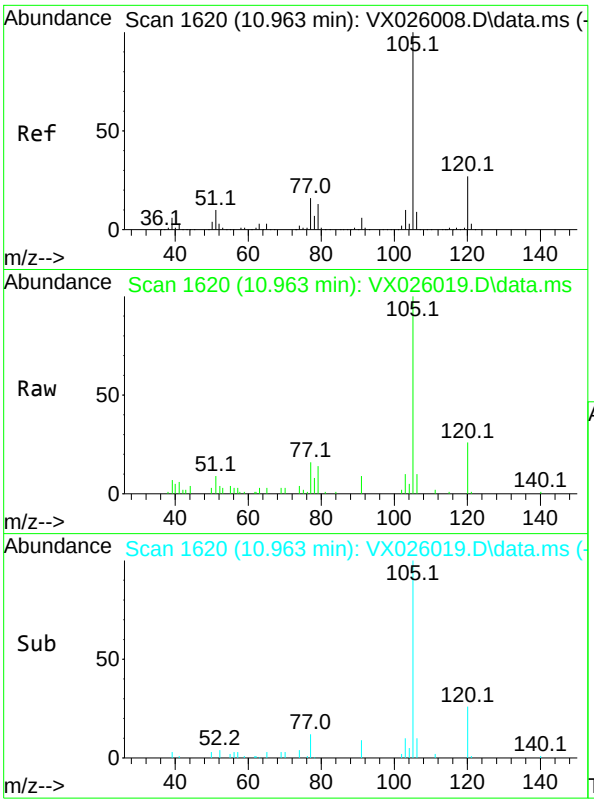


#54
o-Xylene
Concen: 7.404 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Tgt Ion:106 Resp: 19843

Ion	Ratio	Lower	Upper
106	100		
91	209.1	140.5	260.9



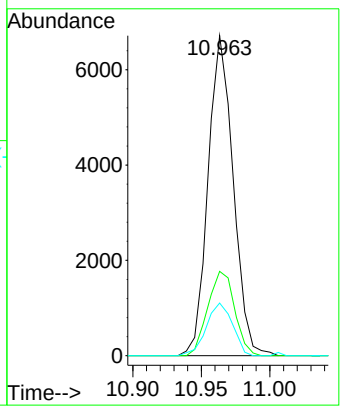


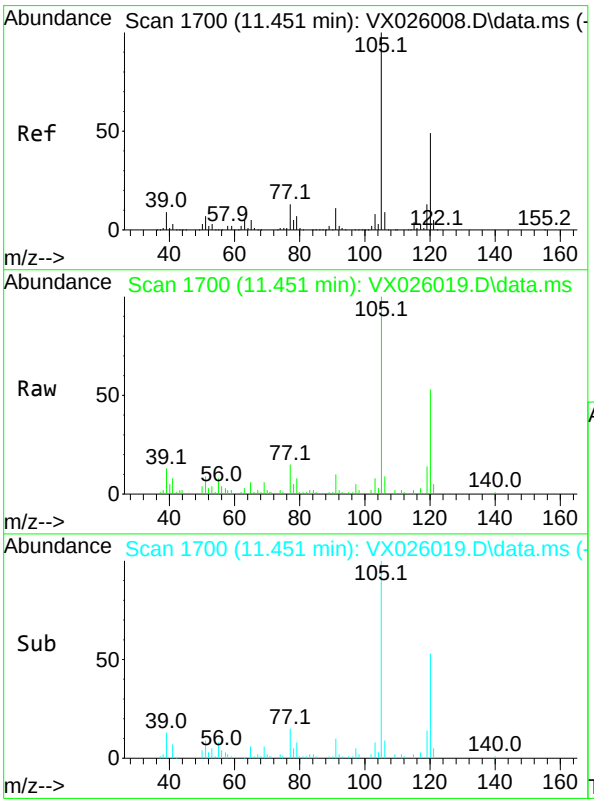
#60
Isopropylbenzene
Concen: 1.245 ug/L
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Instrument :
MSVOA_X
ClientSampleId :
BGL89DL

Tgt Ion:105 Resp: 8570

Ion	Ratio	Lower	Upper
105	100		
120	28.1	22.3	33.5
77	17.2	11.5	17.3

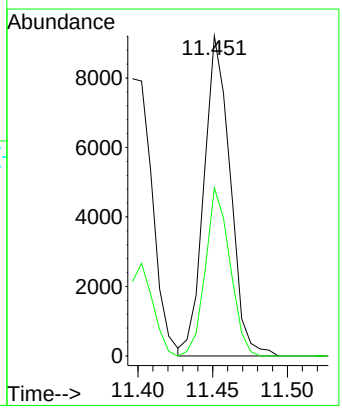


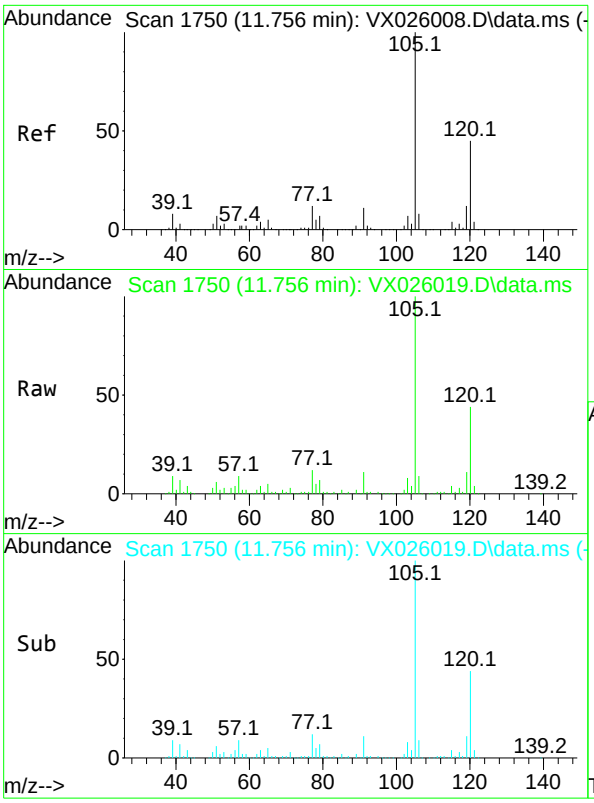


#62
1,3,5-Trimethylbenzene
Concen: 1.952 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Tgt Ion:105 Resp: 11254

Ion	Ratio	Lower	Upper
105	100		
120	48.9	41.0	61.4





#63
1,2,4-Trimethylbenzene
Concen: 8.261 ug/L
RT: 11.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026019.D
Acq: 24 Dec 2021 16:56

Instrument :
MSVOA_X
ClientSampleId :
BGL89DL

Tgt Ion:105 Resp: 47712

Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.1	0.1#