Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011322\
Data File : VV024348.D
Acq On : 13 Jan 2022 13:38
Operator : SY/MD
Sample : N1084-10 10X
Misc : 12.29g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Quant Time: Jan 13 14:05:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	231069	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	228574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72648	43.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.380%			
7) Chloroethane-d5	1.568	69	57186	45.268	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.540%			
11) 1,1-Dichloroethene-d2	2.108	63	112360	36.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.300%			
21) 2-Butanone-d5	3.883	46	87939	94.914	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.910%			
24) Chloroform-d	4.349	84	146880	48.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.660%			
26) 1,2-Dichloroethane-d4	5.030	65	98917	48.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.220%			
32) Benzene-d6	5.050	84	288229	48.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.640%			
36) 1,2-Dichloropropane-d6	6.069	67	81878	48.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.960%			
41) Toluene-d8	7.313	98	272427	47.172	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.340%			
43) trans-1,3-Dichloroprop...	7.622	79	44290	46.011	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.020%			
47) 2-Hexanone-d5	8.088	63	68416	94.202	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.200%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	124119	51.956	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.920%			
66) 1,2-Dichlorobenzene-d4	11.625	152	131107	50.907	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.820%			
Target Compounds						Qvalue
33) Benzene	5.104	78	36874	6.344	ug/L	100
42) Toluene	7.390	91	53888	8.260	ug/L	95
52) Ethylbenzene	9.011	91	450031	64.568	ug/L	100
53) m,p-Xylene	9.136	106	606365	217.042	ug/L	100
54) o-Xylene	9.541	106	58752	22.030	ug/L	100
60) Isopropylbenzene	9.931	105	27515	3.848	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	298141	48.478	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	763030	124.275	ug/L	100

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

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QLast Update : Thu Jan 13 02:28:22 2022
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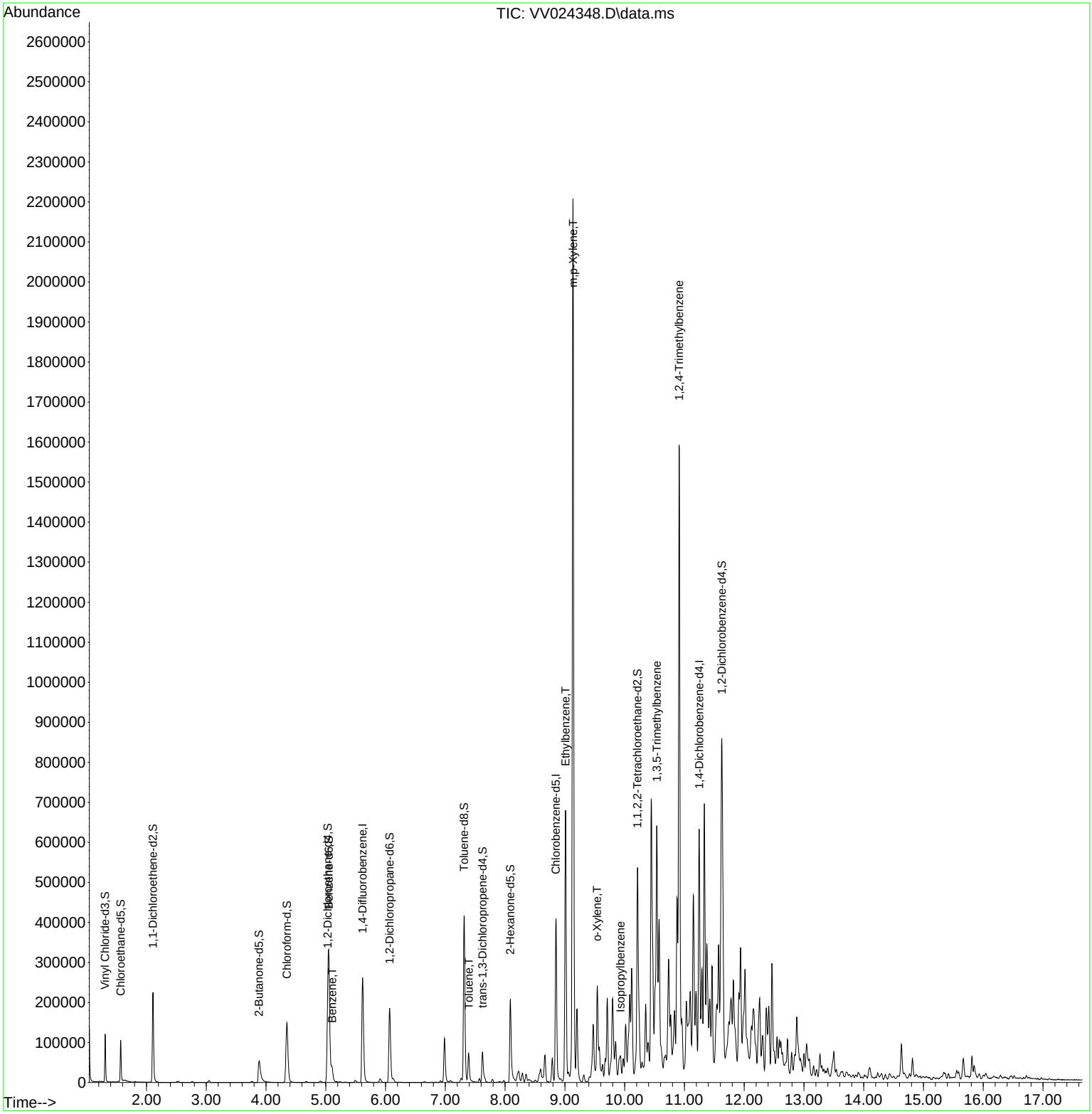
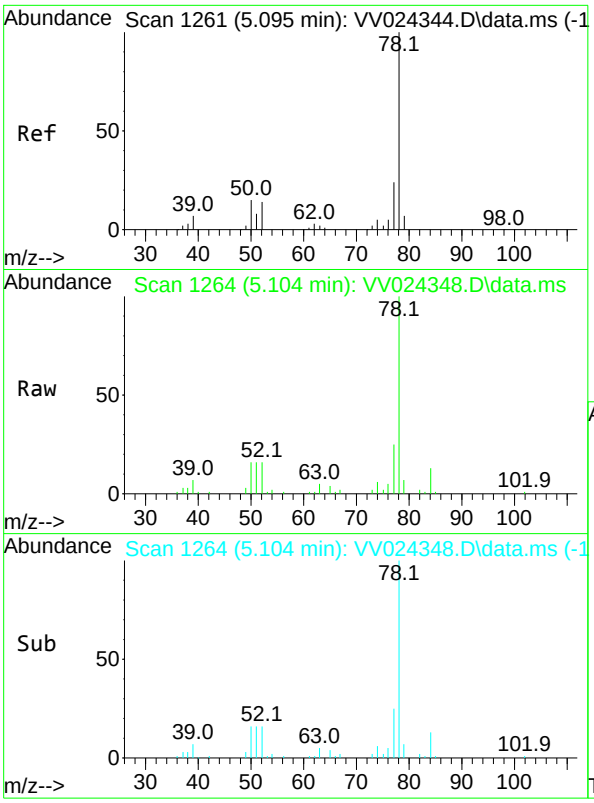
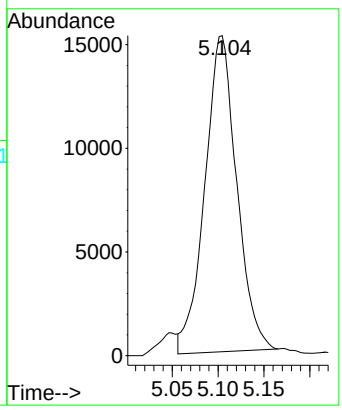


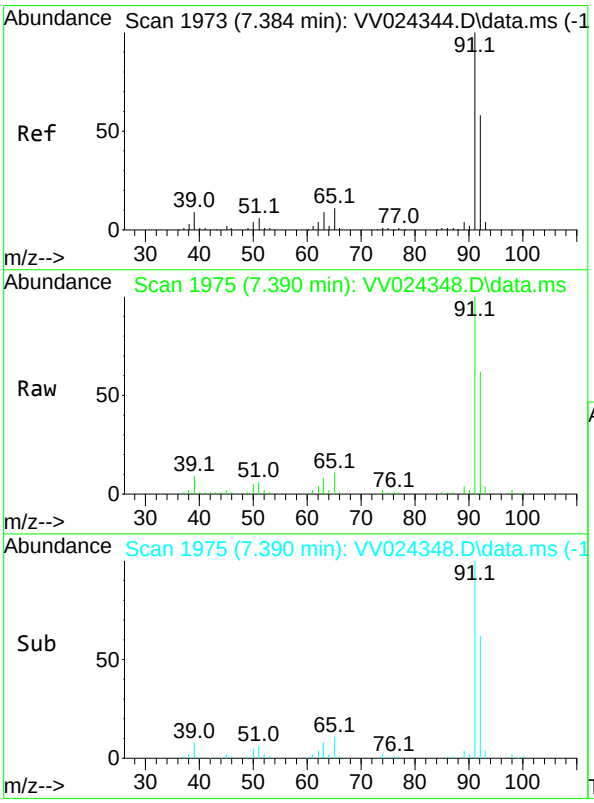


#33
Benzene
Concen: 6.344 ug/L
RT: 5.104 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion: 78 Resp: 36874

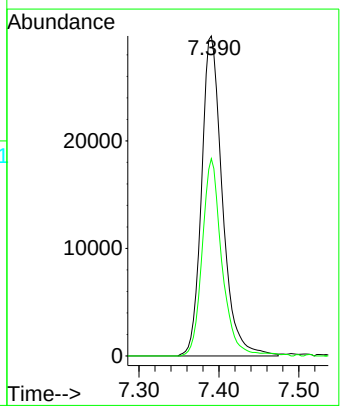


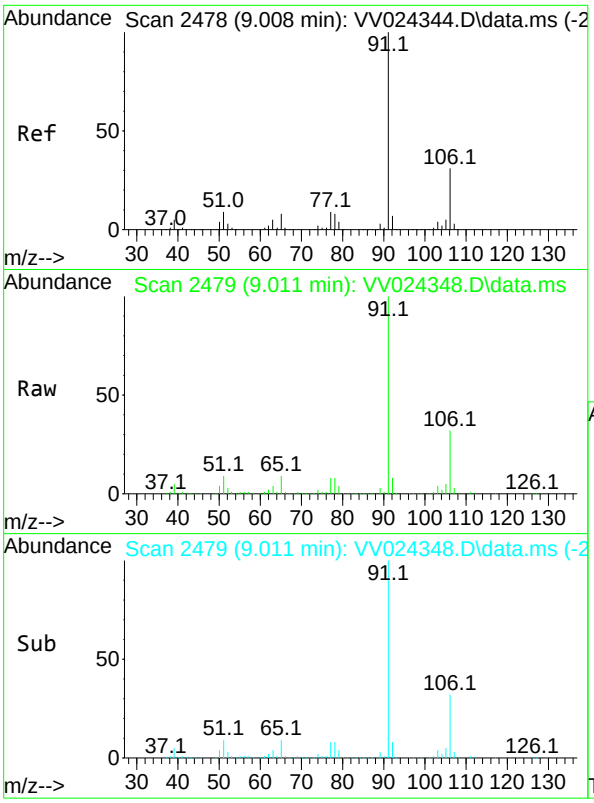


#42
Toluene
Concen: 8.260 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion: 91 Resp: 53888

Ion	Ratio	Lower	Upper
91	100		
92	61.7	40.4	75.0



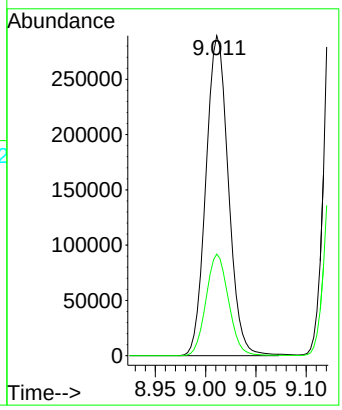


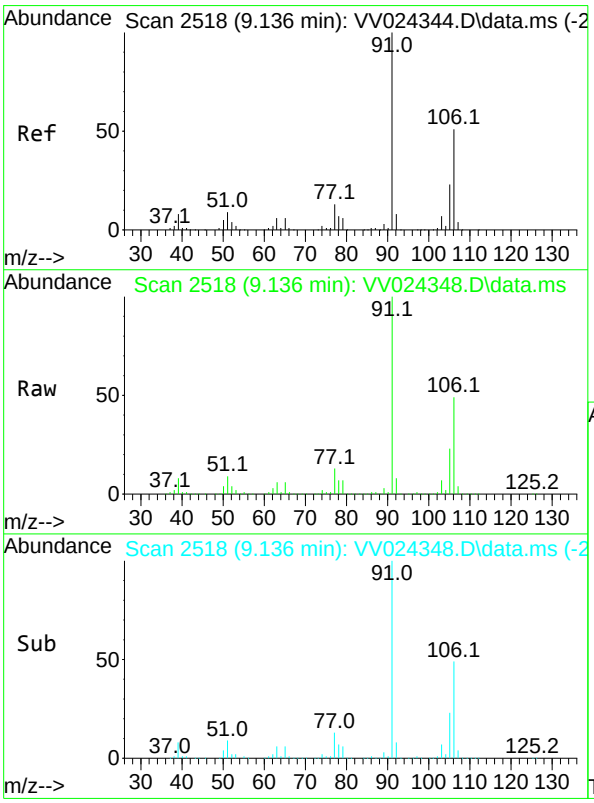
#52
Ethylbenzene
Concen: 64.568 ug/L
RT: 9.011 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion: 91 Resp: 450031

Ion	Ratio	Lower	Upper
91	100		
106	31.8	22.0	41.0

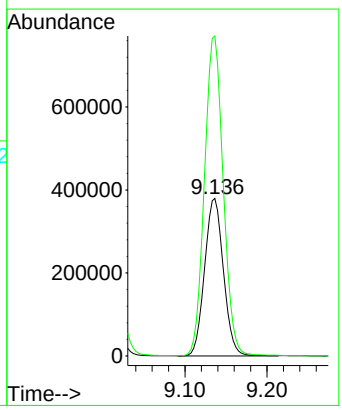


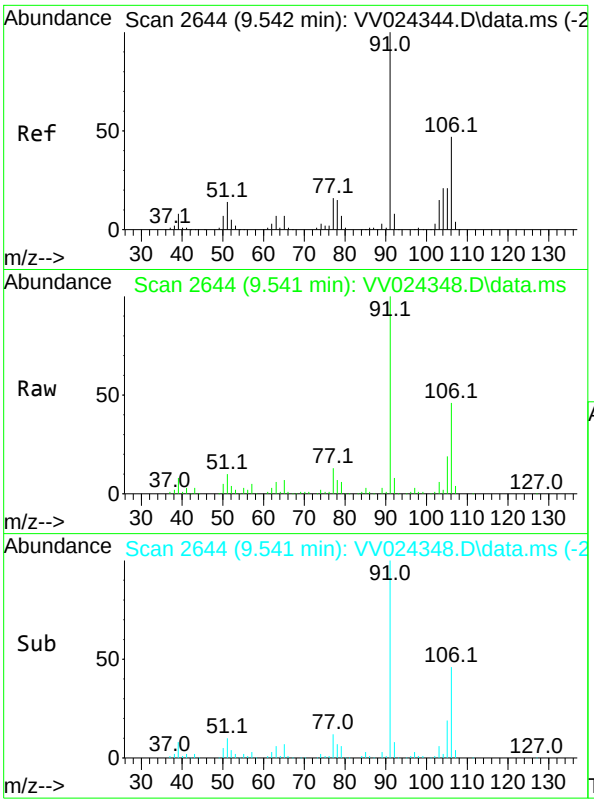


#53
m,p-Xylene
Concen: 217.042 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion:106 Resp: 606365

Ion	Ratio	Lower	Upper
106	100		
91	203.1	141.8	263.4



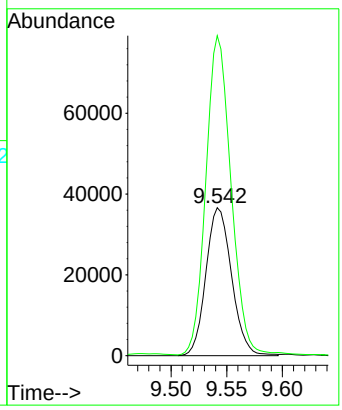


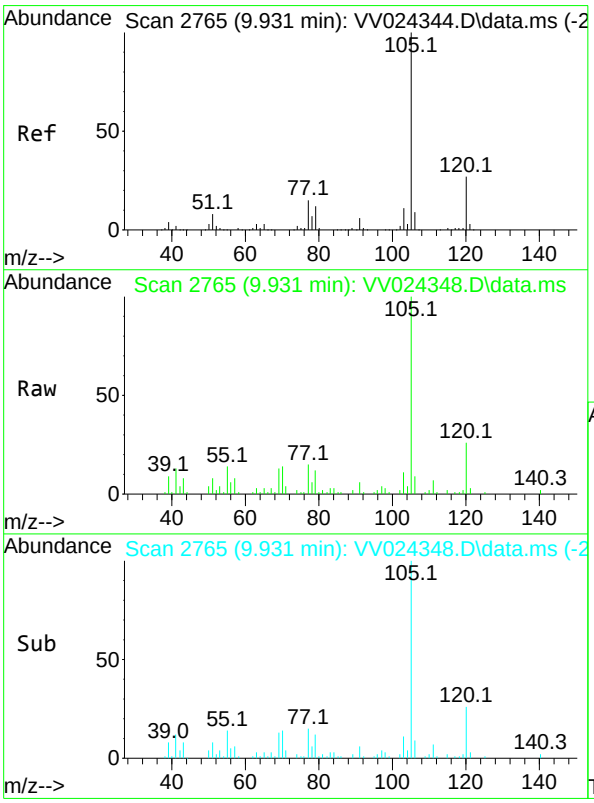
#54
o-Xylene
Concen: 22.030 ug/L
RT: 9.541 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion:106 Resp: 58752

Ion	Ratio	Lower	Upper
106	100		
91	216.3	150.9	280.3

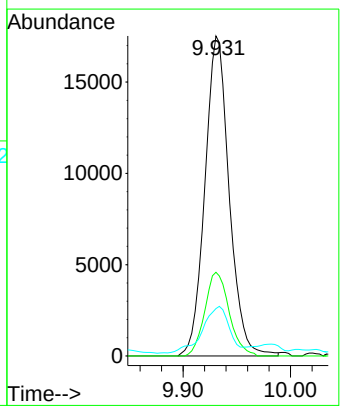


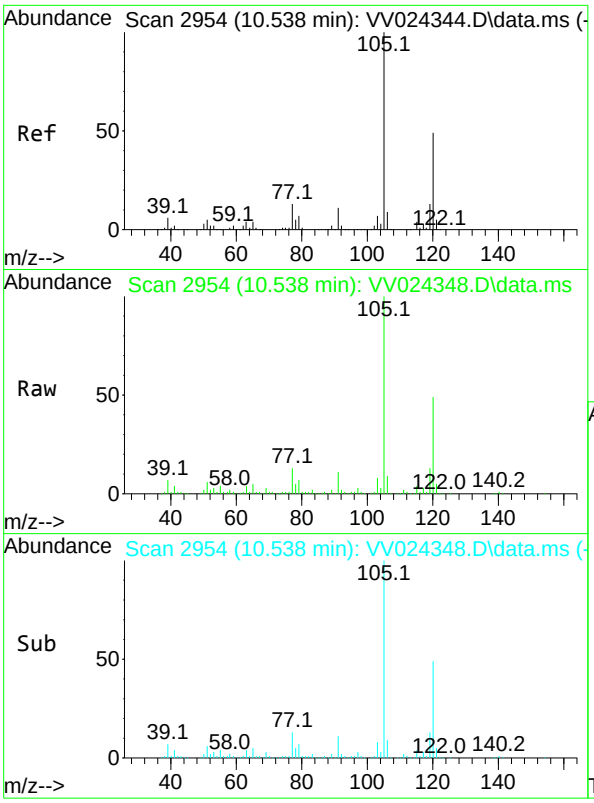


#60
Isopropylbenzene
Concen: 3.848 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion:105 Resp: 27515

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.9	32.9
77	15.9	11.9	17.9



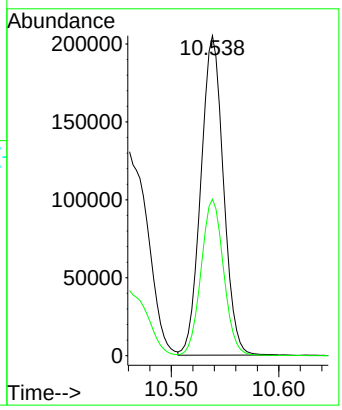


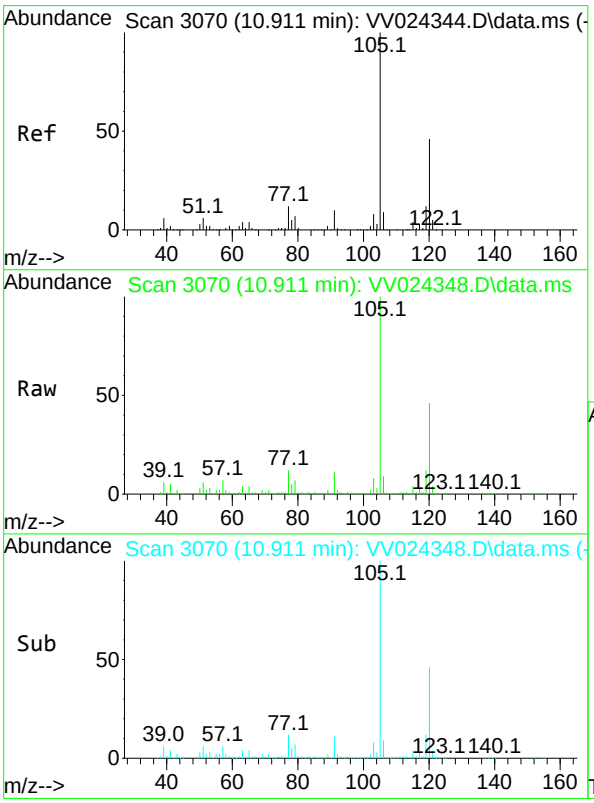
#62
1,3,5-Trimethylbenzene
Concen: 48.478 ug/L
RT: 10.538 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion:105 Resp: 298141

Ion	Ratio	Lower	Upper
105	100		
120	48.8	39.4	59.2





#63
1,2,4-Trimethylbenzene
Concen: 124.275 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024348.D
Acq: 13 Jan 2022 13:38

Tgt Ion:105 Resp: 763030

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.6	55.0