Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011222\
Data File : VV024338.D
Acq On : 12 Jan 2022 18:23
Operator : SY/MD
Sample : N1084-10ME 20X
Misc : 12.29g/5.0mL/100ul/5.0ml/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Quant Time: Jan 13 02:34:27 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	256542	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	248443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32036	17.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	34.700%#		
7) Chloroethane-d5	1.568	69	31042	22.132	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.260%#		
11) 1,1-Dichloroethene-d2	2.108	63	49693	14.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	28.800%#		
21) 2-Butanone-d5	3.886	46	86373	83.967	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.970%		
24) Chloroform-d	4.349	84	98813	29.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	58.560%#		
26) 1,2-Dichloroethane-d4	5.030	65	68461	30.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	60.600%#		
32) Benzene-d6	5.050	84	157997	24.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	48.740%#		
36) 1,2-Dichloropropane-d6	6.069	67	55575	30.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	61.180%#		
41) Toluene-d8	7.317	98	134584	21.440	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	42.880%#		
43) trans-1,3-Dichloroprop...	7.622	79	27158	25.957	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.920%#		
47) 2-Hexanone-d5	8.088	63	59921	75.907	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.910%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	105929	40.795	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	93595	33.323	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.640%#		
Target Compounds						Qvalue
33) Benzene	5.108	78	21445	3.395	ug/L	100
42) Toluene	7.394	91	28225	3.980	ug/L	97
52) Ethylbenzene	9.011	91	231953	30.618	ug/L	100
53) m,p-Xylene	9.136	106	318160	104.774	ug/L	100
54) o-Xylene	9.545	106	30265	10.441	ug/L	98
60) Isopropylbenzene	9.934	105	14154	1.815	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	153511	22.887	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	394471	58.910	ug/L	99

(#) = 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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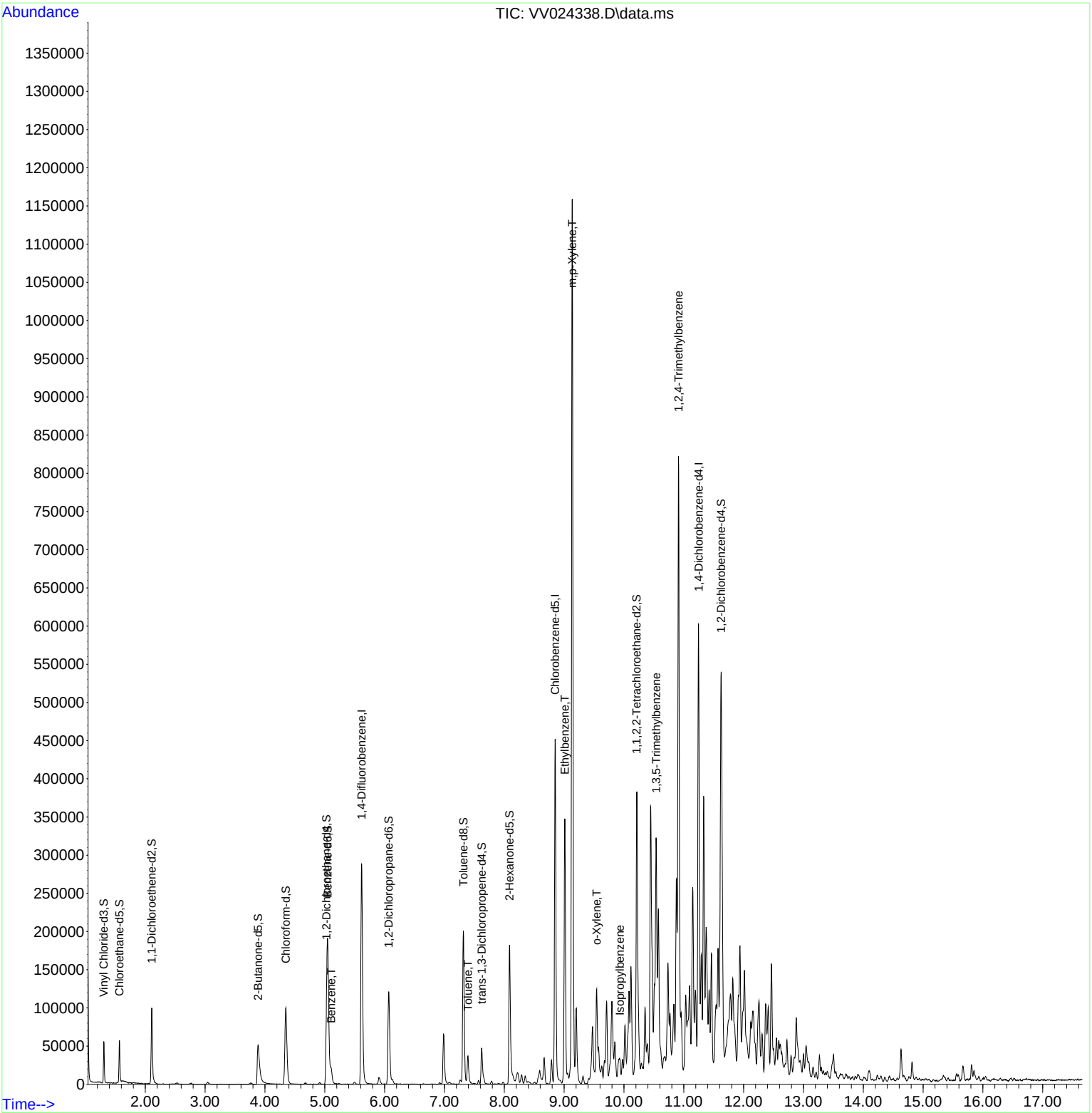
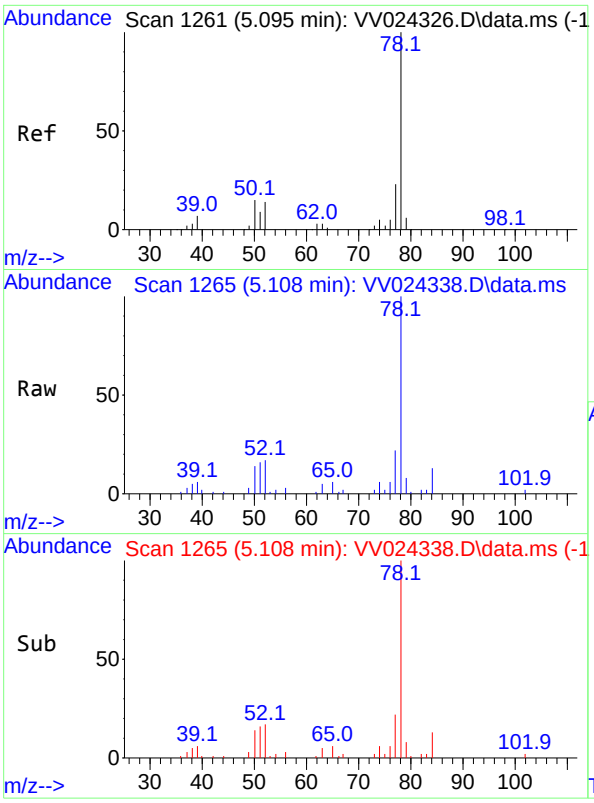
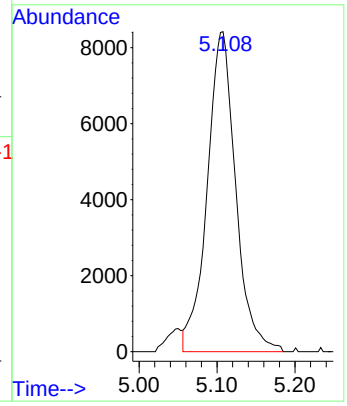


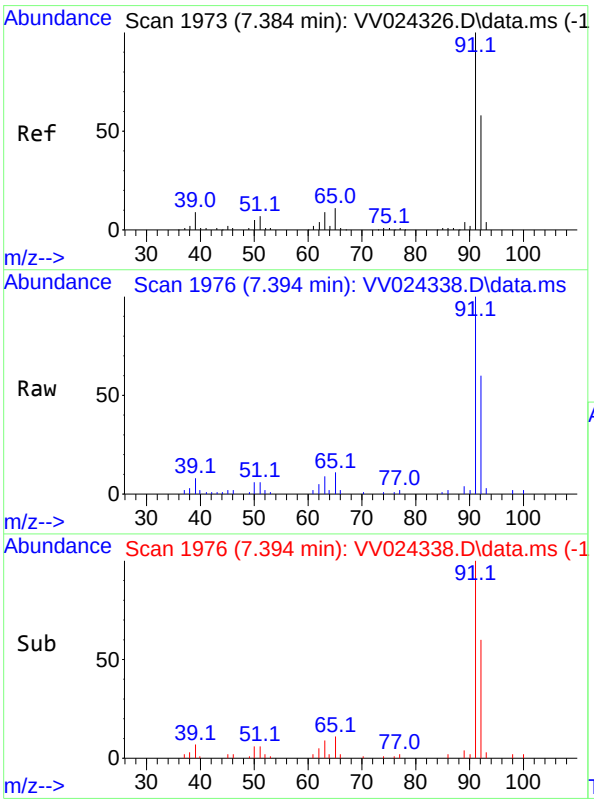


#33
Benzene
Concen: 3.395 ug/L
RT: 5.108 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion: 78 Resp: 21445

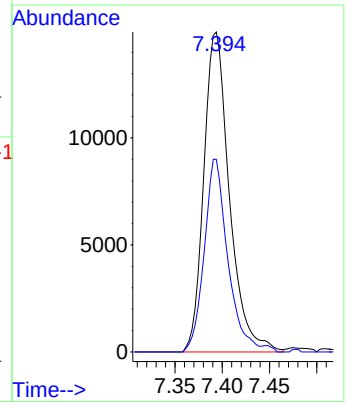


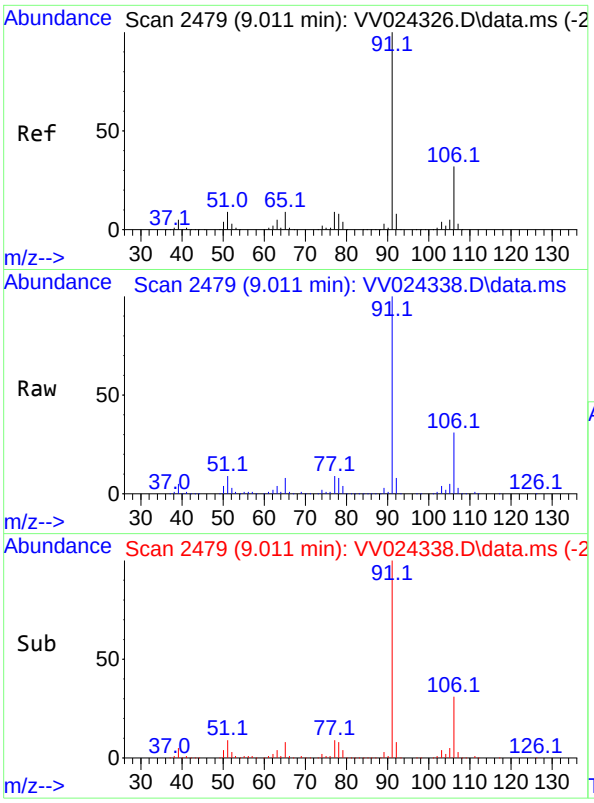


#42
Toluene
Concen: 3.980 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Tgt Ion: 91 Resp: 28225

Ion	Ratio	Lower	Upper
91	100		
92	60.2	40.4	75.0



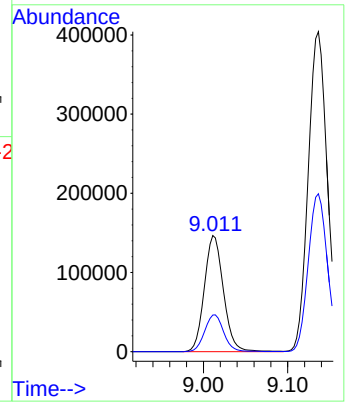


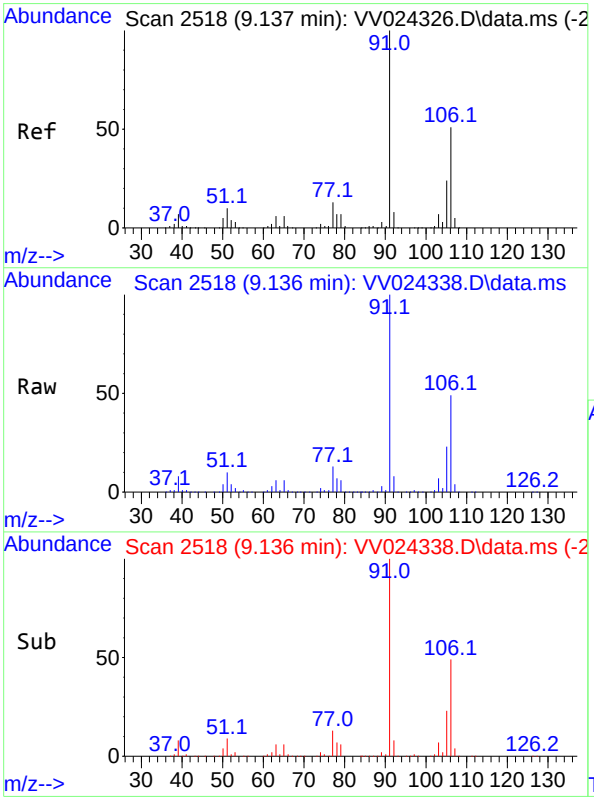
#52
Ethylbenzene
Concen: 30.618 ug/L
RT: 9.011 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion: 91 Resp: 231953

Ion	Ratio	Lower	Upper
91	100		
106	31.5	22.0	41.0

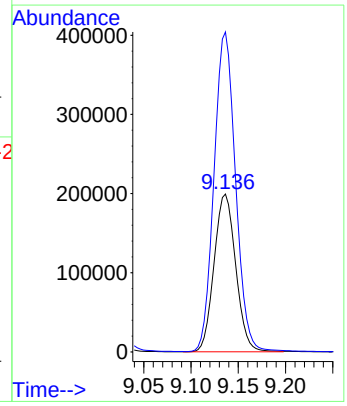


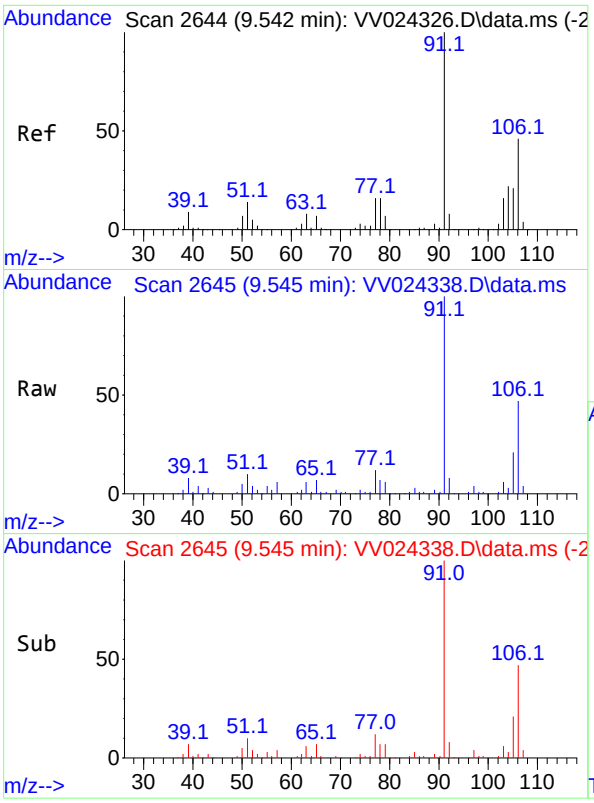


#53
m,p-Xylene
Concen: 104.774 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Tgt Ion:106 Resp: 318160

Ion	Ratio	Lower	Upper
106	100		
91	202.6	141.8	263.4



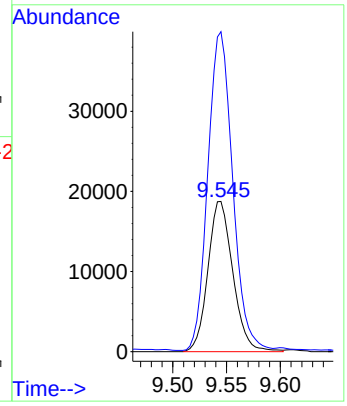


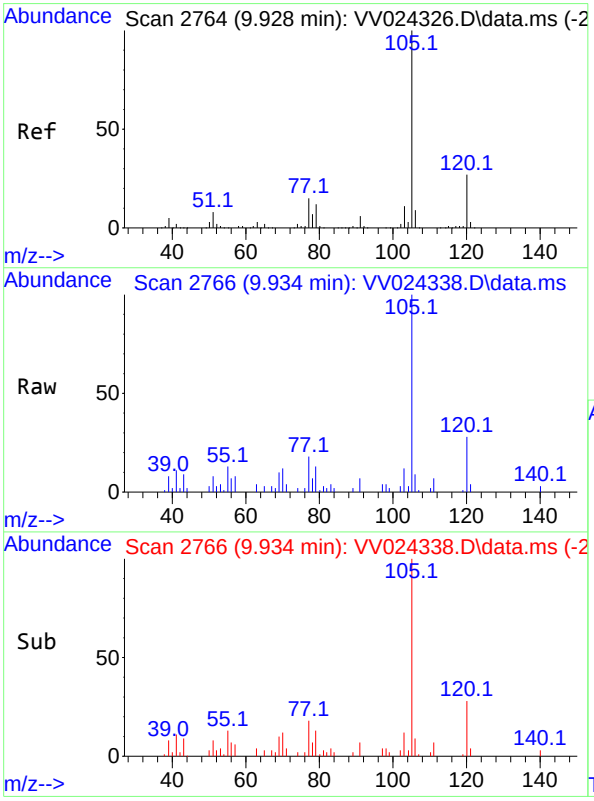
#54
o-Xylene
Concen: 10.441 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion:106 Resp: 30265

Ion	Ratio	Lower	Upper
106	100		
91	213.1	150.9	280.3

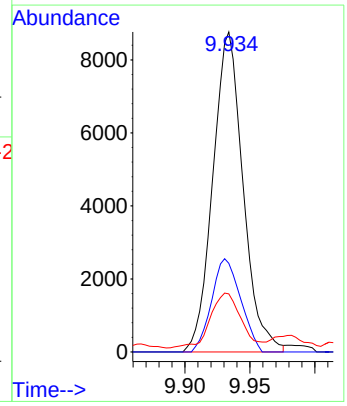


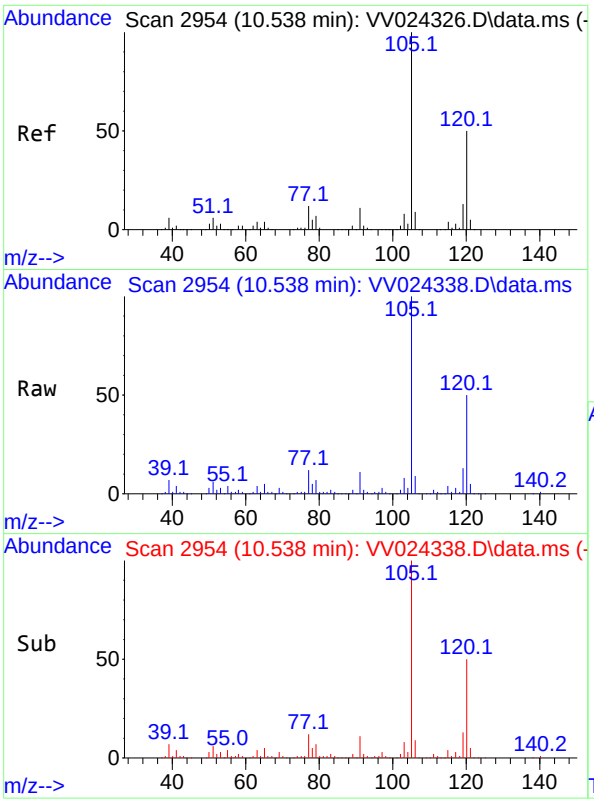


#60
Isopropylbenzene
Concen: 1.815 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Tgt Ion:105 Resp: 14154

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.9	32.9
77	14.7	11.9	17.9



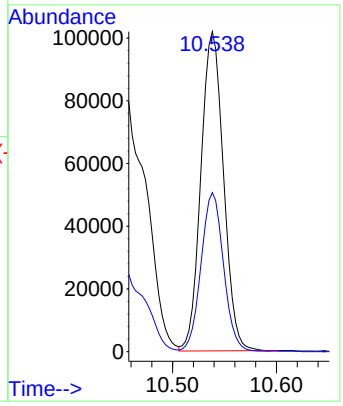


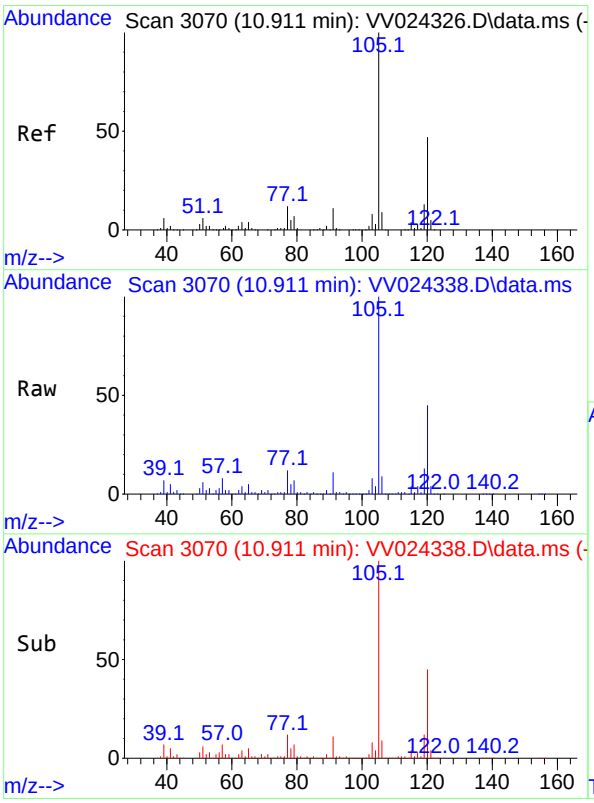
#62
1,3,5-Trimethylbenzene
Concen: 22.887 ug/L
RT: 10.538 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Instrument :
MSVOA_V
ClientSampleId :
BGLN3

Tgt Ion:105 Resp: 153511

Ion	Ratio	Lower	Upper
105	100		
120	49.3	39.4	59.2





#63
1,2,4-Trimethylbenzene
Concen: 58.910 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024338.D
Acq: 12 Jan 2022 18:23

Tgt Ion:105 Resp: 394471

Ion	Ratio	Lower	Upper
105	100		
120	45.4	36.6	55.0