

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024257.D
 Acq On : 31 Dec 2021 02:10
 Operator : SY/MD
 Sample : M5213-01DL 200X
 Misc : 6.09G/5.0mL/100uL//5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLD3DL

Quant Time: Dec 31 06:18:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

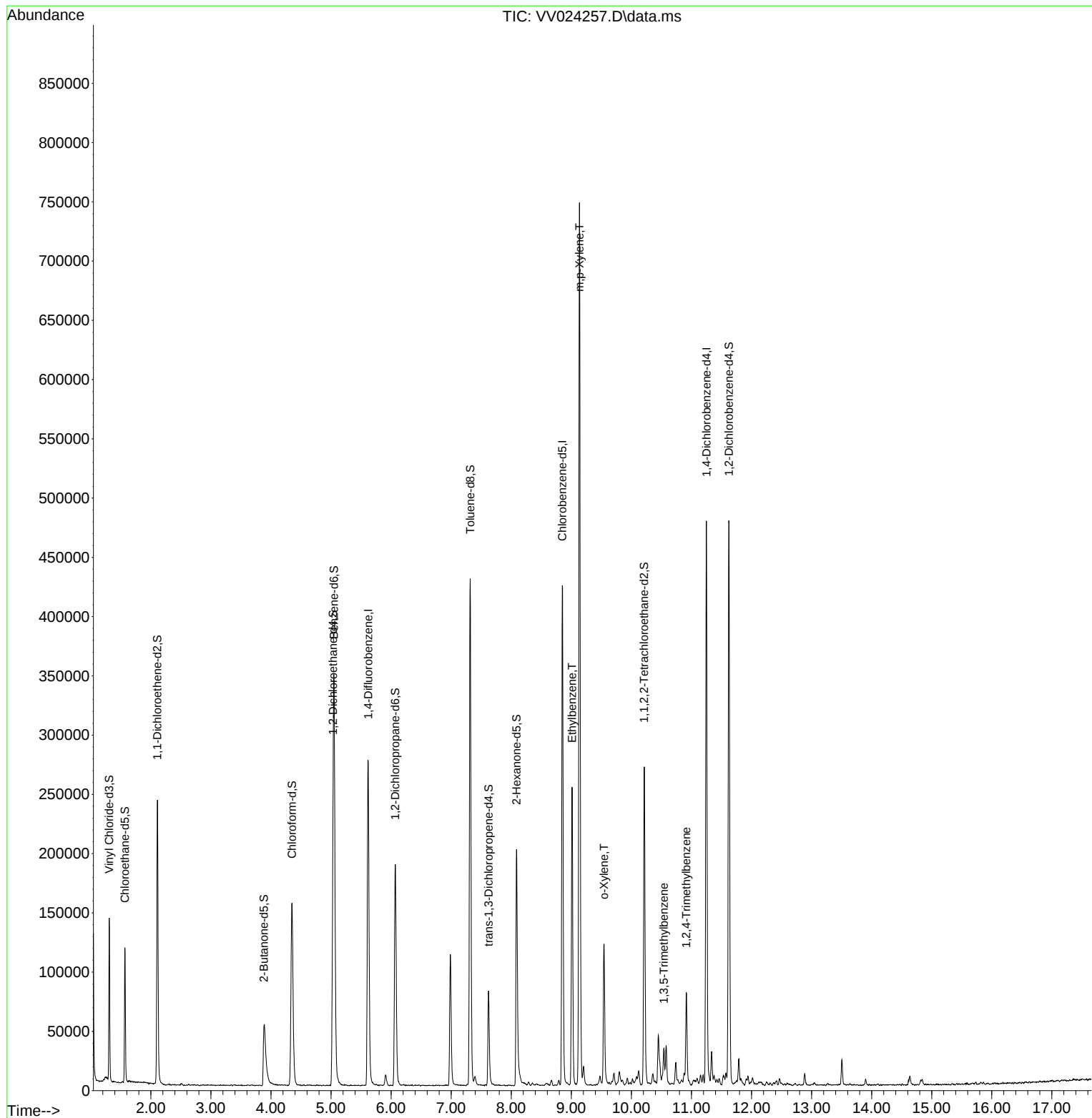
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231546	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125806	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83775	48.414	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.820%
7) Chloroethane-d5	1.568	69	65394	49.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.500%
11) 1,1-Dichloroethene-d2	2.108	63	121665	37.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.240%
21) 2-Butanone-d5	3.883	46	89255	92.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	4.349	84	150719	47.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	5.034	65	104977	49.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
32) Benzene-d6	5.050	84	296191	49.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	6.069	67	82444	48.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.380%
41) Toluene-d8	7.317	98	275909	47.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	7.622	79	44610	45.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.500%
47) 2-Hexanone-d5	8.088	63	65178	88.592	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.590%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	110413	45.625	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.260%
66) 1,2-Dichlorobenzene-d4	11.622	152	124511	49.653	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.300%
Target Compounds						
					Qvalue	
52) Ethylbenzene	9.011	91	167758	23.760	ug/L	99
53) m,p-Xylene	9.136	106	205203	72.507	ug/L	100
54) o-Xylene	9.545	106	31707	11.736	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	15180	2.535	ug/L	91
63) 1,2,4-Trimethylbenzene	10.914	105	39703	6.641	ug/L	98

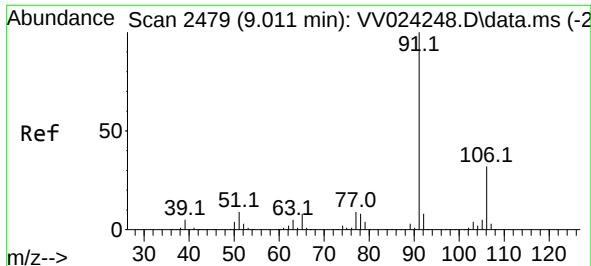
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 31 06:12:03 2021
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 23.760 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024257.D

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MSVOA_V

ClientSampleId :

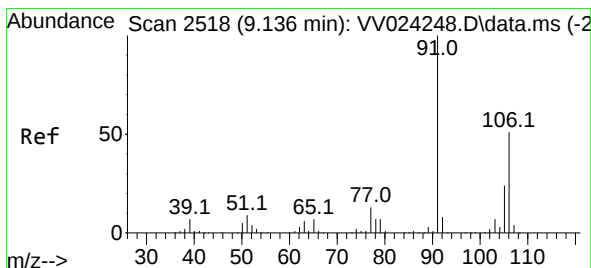
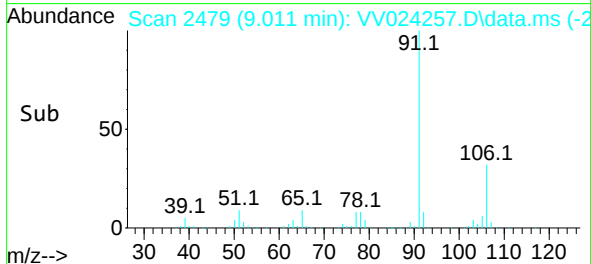
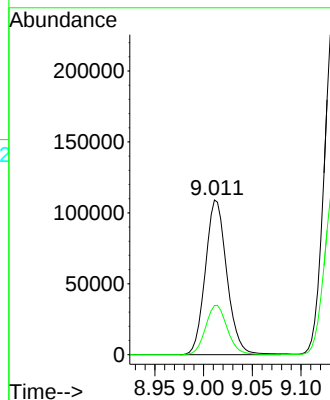
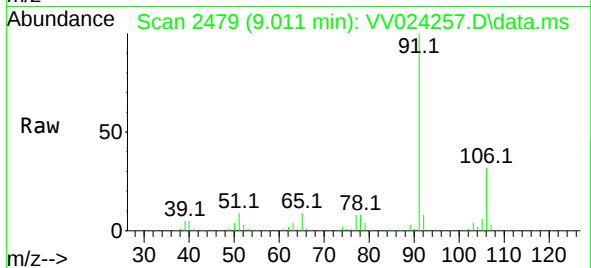
BGLD3DL

Tgt Ion: 91 Resp: 167758

Ion Ratio Lower Upper

91 100

106 31.8 22.0 41.0



#53

m,p-Xylene

Concen: 72.507 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024257.D

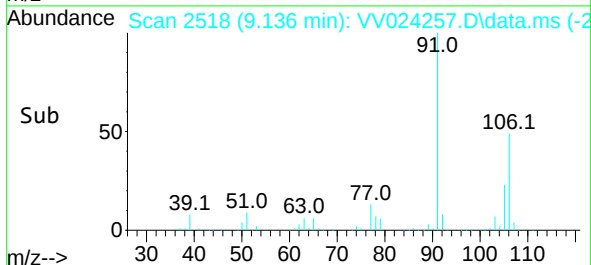
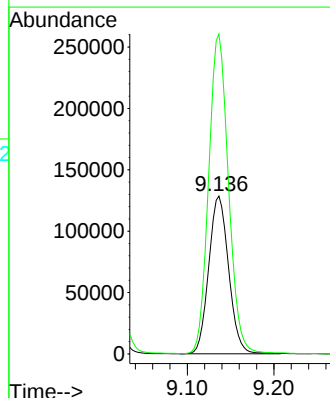
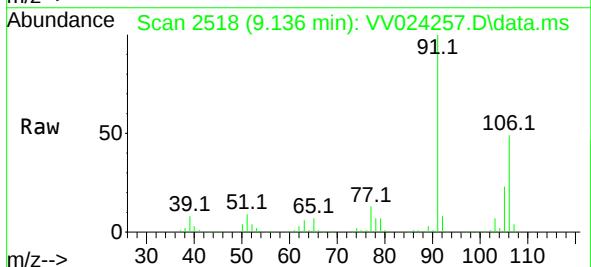
Acq: 31 Dec 2021 02:10

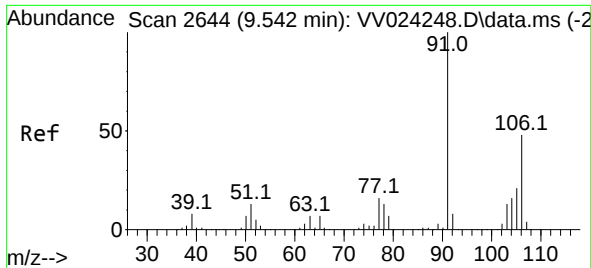
Tgt Ion:106 Resp: 205203

Ion Ratio Lower Upper

106 100

91 202.7 141.8 263.4

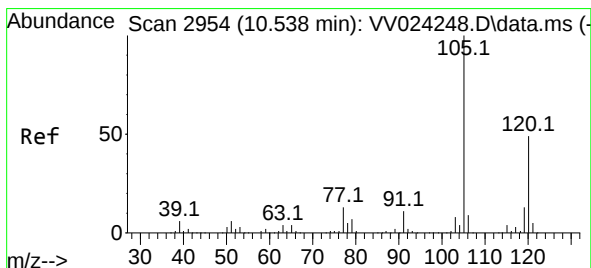
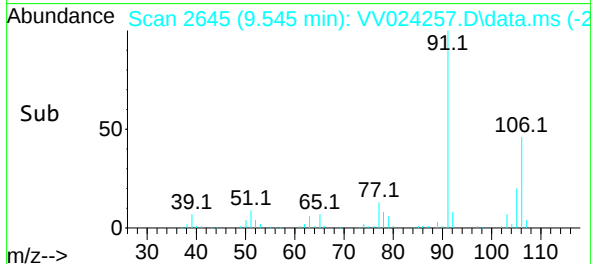
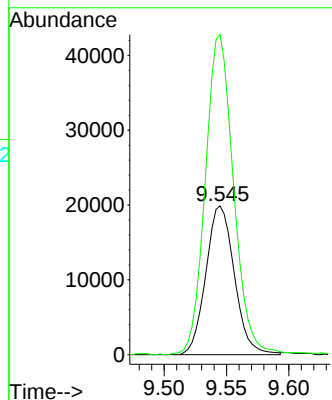
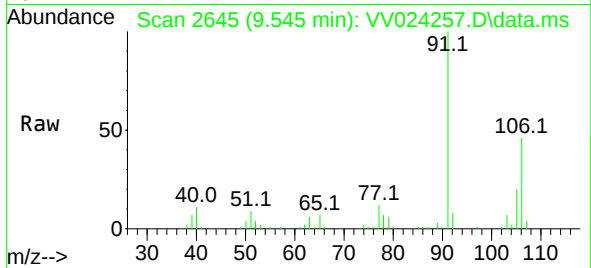




#54
o-Xylene
Concen: 11.736 ug/L
RT: 9.545 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VV024257.D
Acq: 31 Dec 2021 02:10

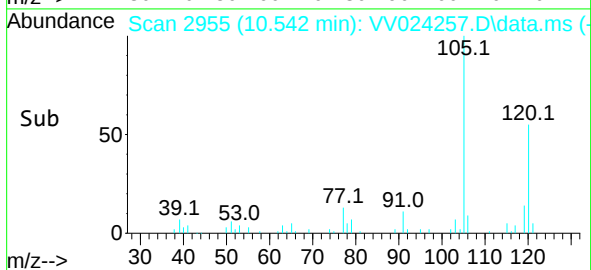
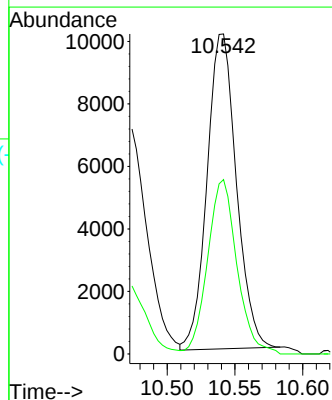
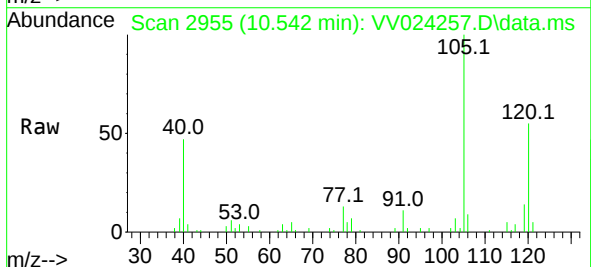
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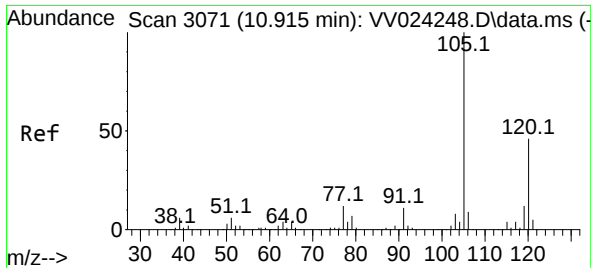
Tgt Ion:106 Resp: 31707
Ion Ratio Lower Upper
106 100
91 215.1 150.9 280.3



#62
1,3,5-Trimethylbenzene
Concen: 2.535 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV024257.D
Acq: 31 Dec 2021 02:10

Tgt Ion:105 Resp: 15180
Ion Ratio Lower Upper
105 100
120 55.3 39.4 59.2





#63
 1,2,4-Trimethylbenzene
 Concen: 6.641 ug/L
 RT: 10.914 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV024257.D
 Acq: 31 Dec 2021 02:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLD3DL

Tgt Ion:105 Resp: 39703
 Ion Ratio Lower Upper
 105 100
 120 47.0 36.6 55.0

