

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028447.D
 Acq On : 08 Oct 2022 19:25
 Operator : SY/MD
 Sample : N4889-01 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ59

Quant Time: Oct 09 05:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

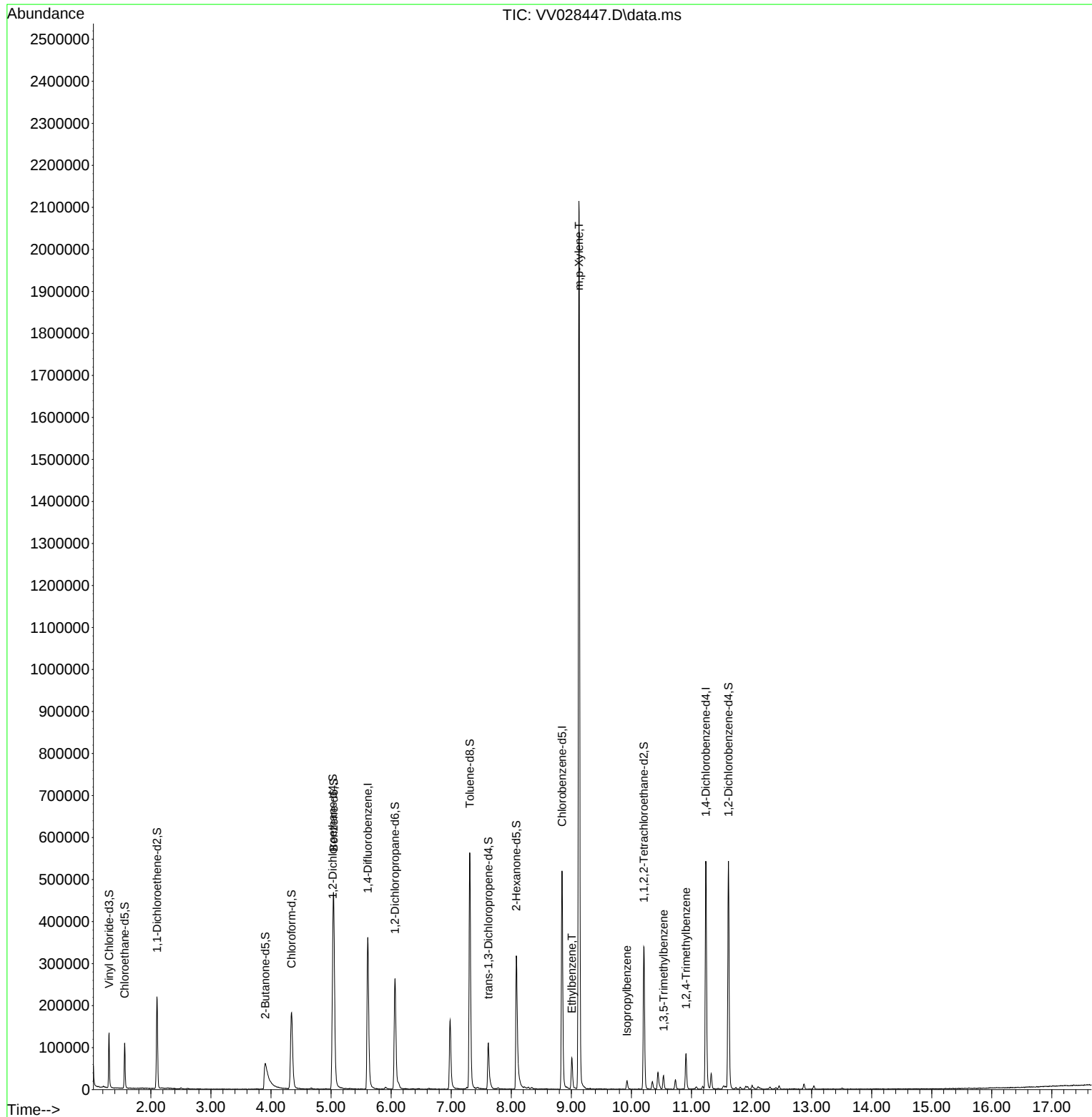
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	309554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	137136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84369	35.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.640%
7) Chloroethane-d5	1.565	69	67021	35.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.780%
11) 1,1-Dichloroethene-d2	2.101	63	113592	27.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.880%#
21) 2-Butanone-d5	3.905	46	168056	80.374	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.370%
24) Chloroform-d	4.343	84	190439	43.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
26) 1,2-Dichloroethane-d4	5.027	65	133764	47.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.043	84	405824	45.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
36) 1,2-Dichloropropane-d6	6.066	67	128494	44.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.040%
41) Toluene-d8	7.310	98	364481	45.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
43) trans-1,3-Dichloroprop...	7.619	79	65628	44.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
47) 2-Hexanone-d5	8.085	63	126146	79.444	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	164200	41.108	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.220%
66) 1,2-Dichlorobenzene-d4	11.616	152	133335	46.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
52) Ethylbenzene	9.008	91	53124	5.146	ug/L	99
53) m,p-Xylene	9.127	106	563827	144.094	ug/L	99
60) Isopropylbenzene	9.928	105	13661	1.382	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	16289	1.903	ug/L	98
63) 1,2,4-Trimethylbenzene	10.908	105	43958	5.174	ug/L	97

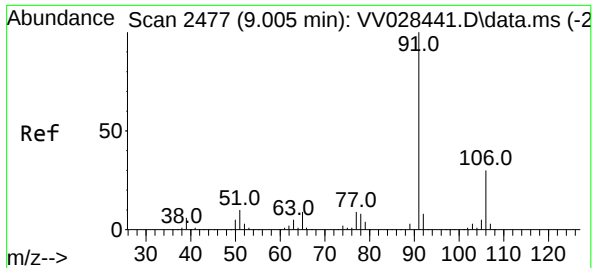
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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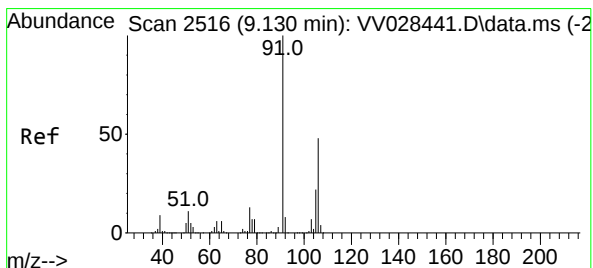
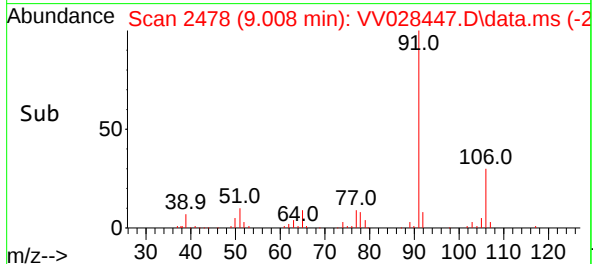
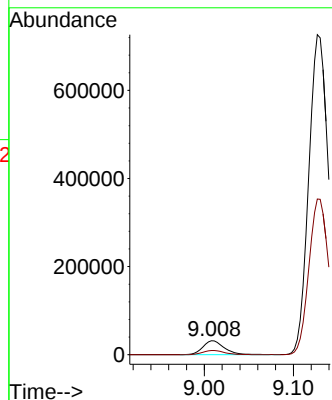
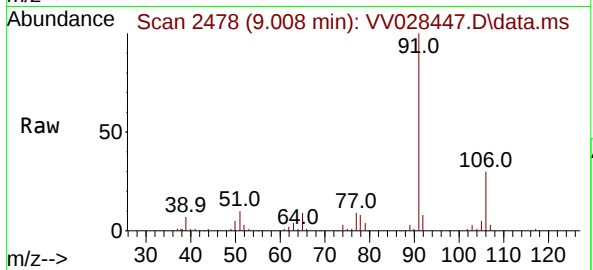




#52
Ethylbenzene
Concen: 5.146 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

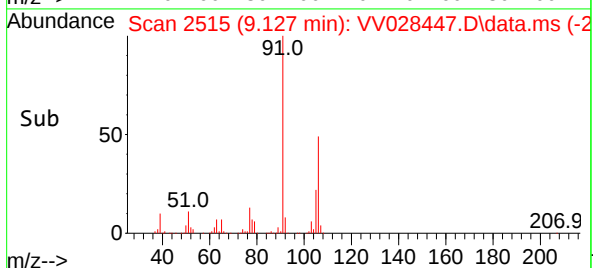
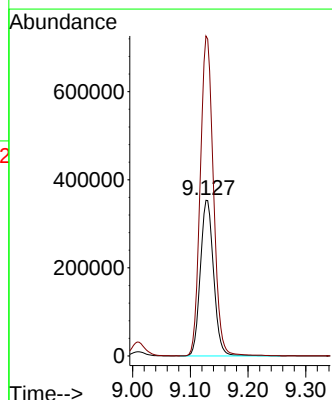
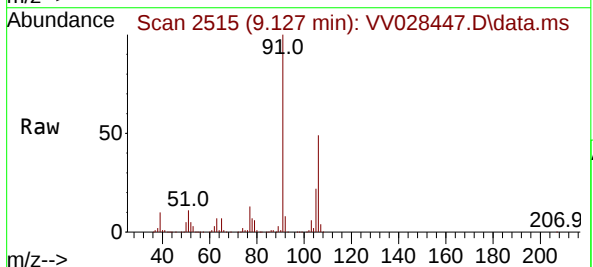
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MSVOA_V
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EXZ59

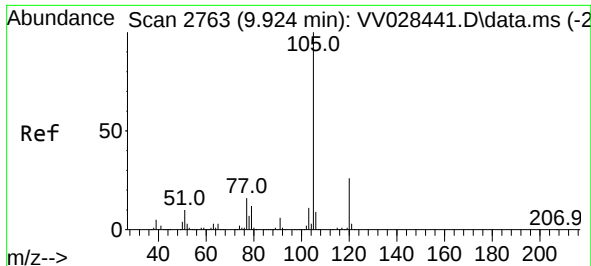
Tgt Ion: 91 Resp: 53124
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8



#53
m,p-Xylene
Concen: 144.094 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Tgt Ion: 106 Resp: 563827
Ion Ratio Lower Upper
106 100
91 205.5 145.2 269.6

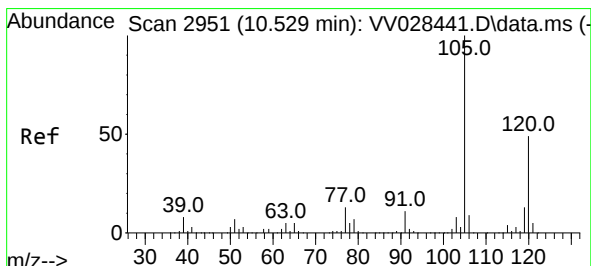
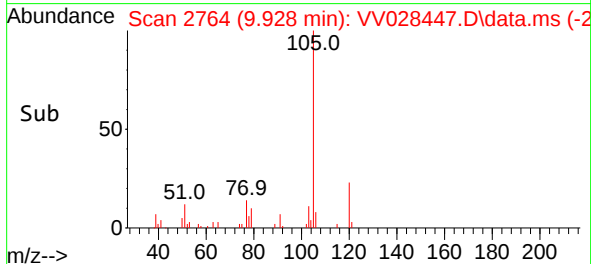
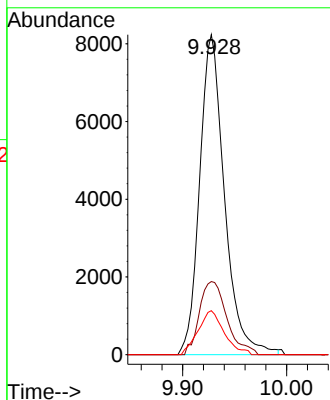
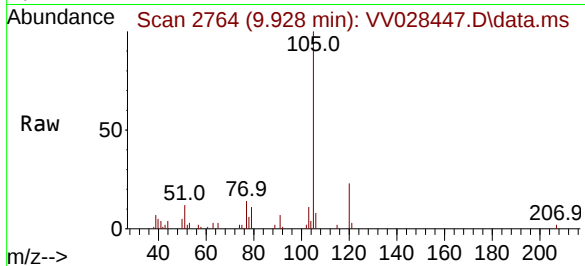




#60
Isopropylbenzene
Concen: 1.382 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028447.D
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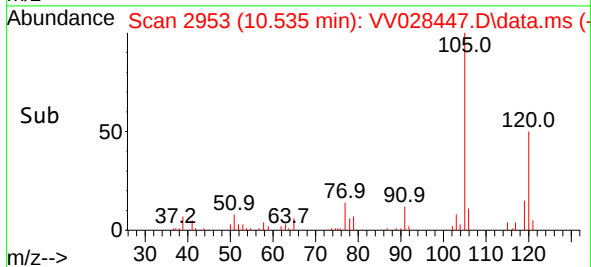
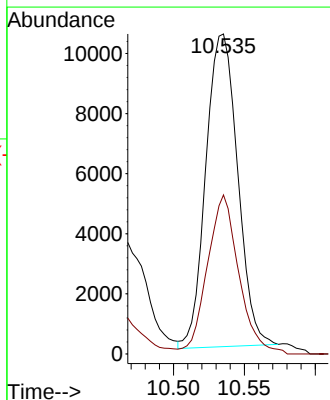
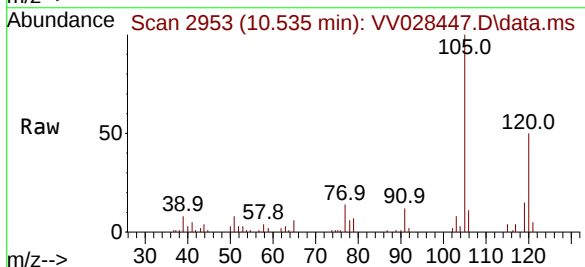
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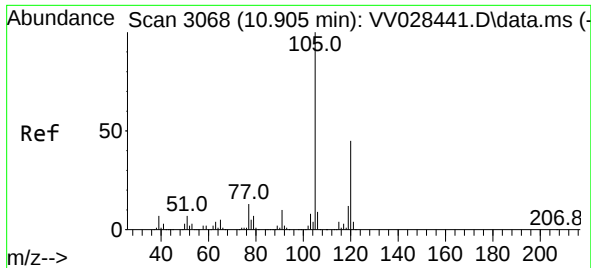
Tgt Ion:105 Resp: 13661
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 14.1 12.7 19.1



#62
1,3,5-Trimethylbenzene
Concen: 1.903 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Tgt Ion:105 Resp: 16289
Ion Ratio Lower Upper
105 100
120 50.3 39.1 58.7





#63

1,2,4-Trimethylbenzene

Concen: 5.174 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028447.D

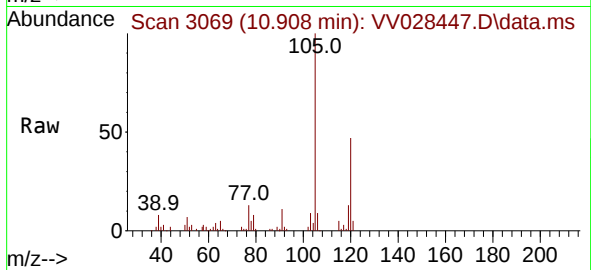
Acq: 08 Oct 2022 19:25

Instrument :

MSVOA_V

ClientSampleId :

EXZ59



Tgt Ion:105 Resp: 43958

Ion Ratio Lower Upper

105 100

120 47.1 35.9 53.9

