

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053306.D
 Acq On : 20 Mar 2023 14:38
 Operator : JC/MD
 Sample : 01961-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB7

Quant Time: Mar 21 01:30:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 21 01:25:41 2023
 Response via : Initial Calibration

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

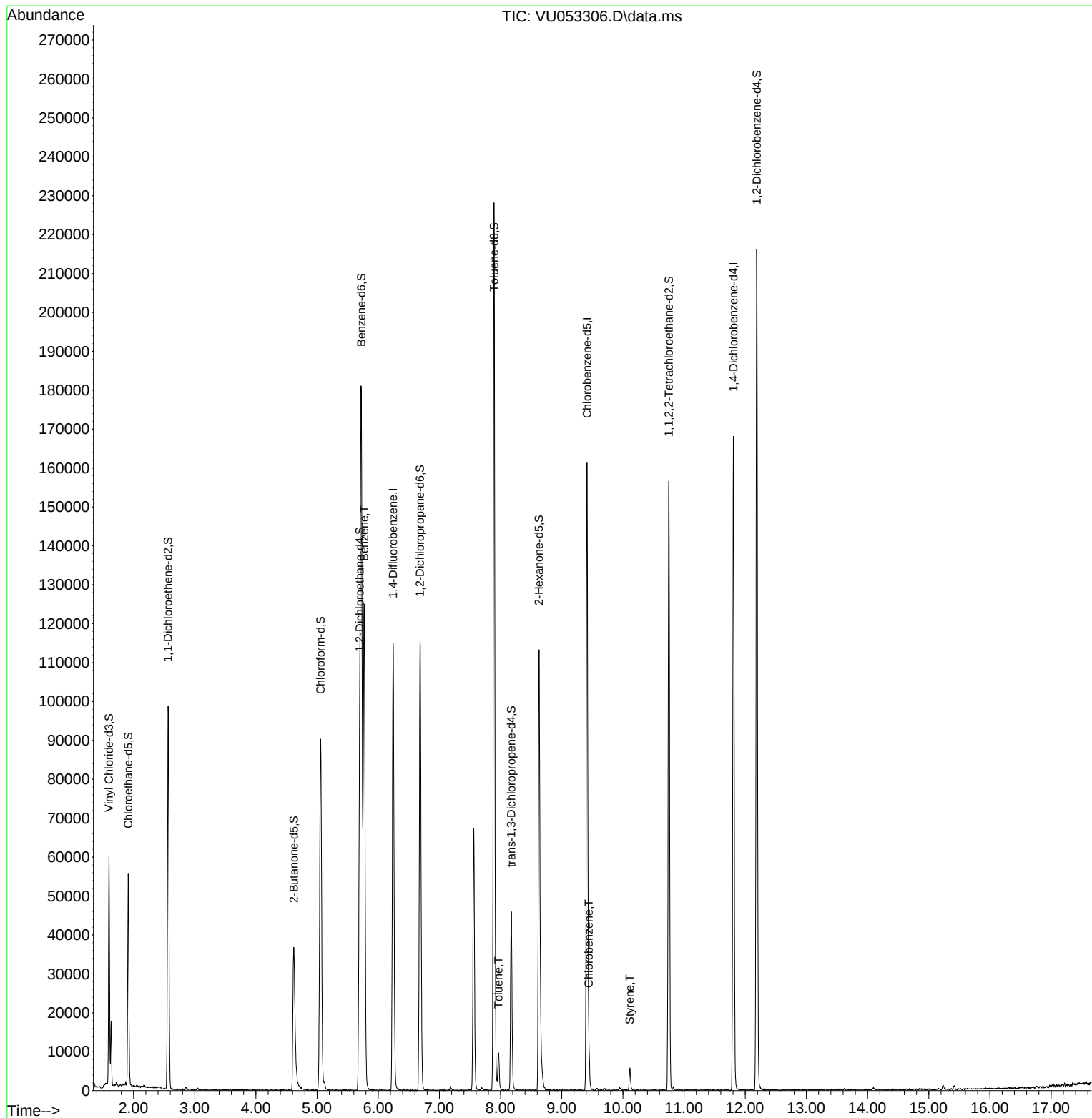
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	92653	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	85435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	40321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40986	47.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.900%
7) Chloroethane-d5	1.912	69	38449	55.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.220%
11) 1,1-Dichloroethene-d2	2.565	63	57272	38.678	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.360%
21) 2-Butanone-d5	4.620	46	57486	145.002	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	145.000%#
24) Chloroform-d	5.057	84	80309	57.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.080%
26) 1,2-Dichloroethane-d4	5.697	65	55120	63.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.080%#
32) Benzene-d6	5.723	84	169681	61.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.460%
36) 1,2-Dichloropropane-d6	6.684	67	57203	63.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	127.920%#
41) Toluene-d8	7.893	98	154561	59.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.820%
43) trans-1,3-Dichloroprop...	8.176	79	26542	60.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.300%
47) 2-Hexanone-d5	8.629	63	41180	147.276	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.280%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	76124	65.705	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	131.400%#
66) 1,2-Dichlorobenzene-d4	12.189	152	51677	66.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.380%#
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	121924	41.163	ug/L	100
42) Toluene	7.967	91	7082	2.224	ug/L	99
51) Chlorobenzene	9.443	112	4453	2.244	ug/L	89
55) Styrene	10.111	104	3109	1.399	ug/L	93

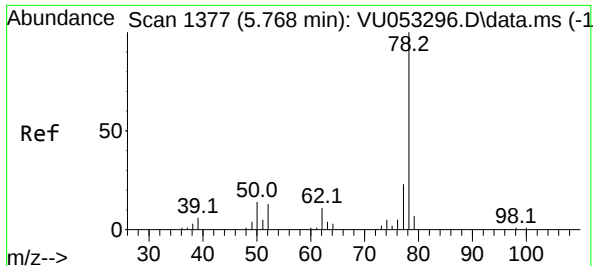
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 41.163 ug/L

RT: 5.771 min Scan# 1

Delta R.T. 0.003 min

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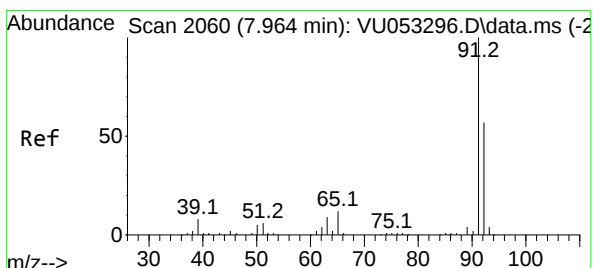
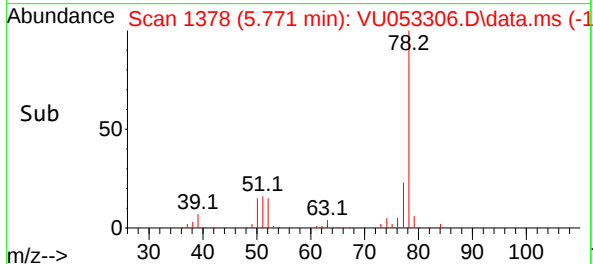
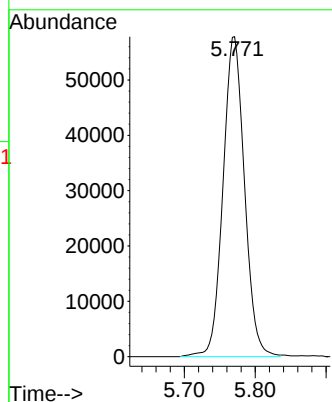
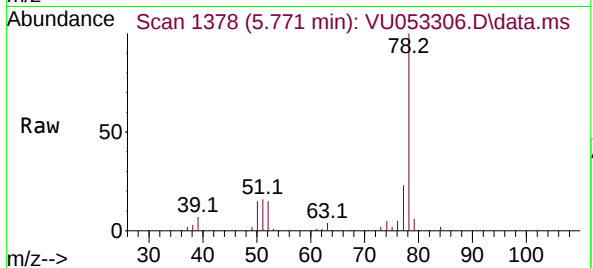
Instrument :

MSVOA_U

ClientSampleId :

EYFB7

Tgt Ion: 78 Resp: 121924



#42

Toluene

Concen: 2.224 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

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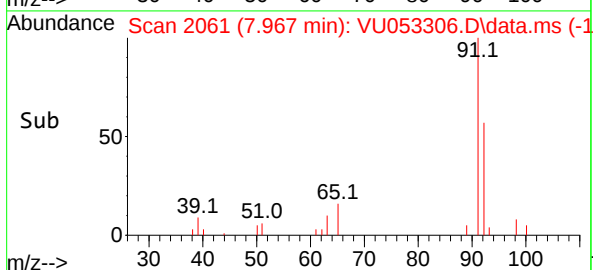
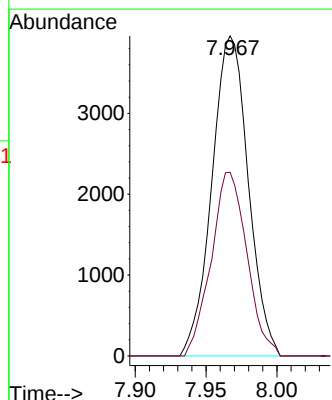
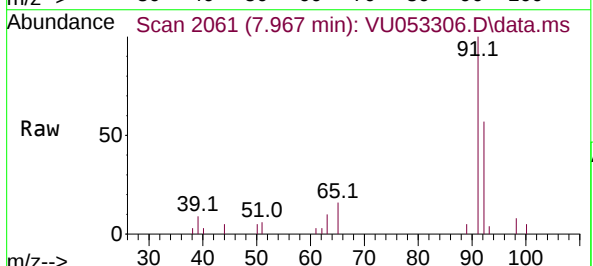
Acq: 20 Mar 2023 14:38

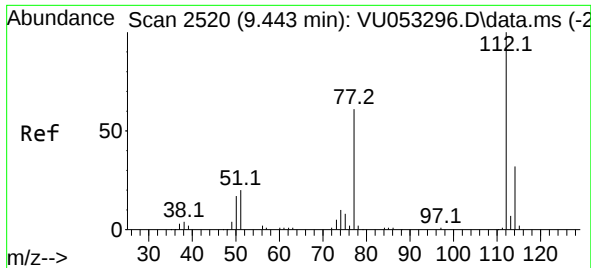
Tgt Ion: 91 Resp: 7082

Ion Ratio Lower Upper

91 100

92 57.4 39.6 73.6

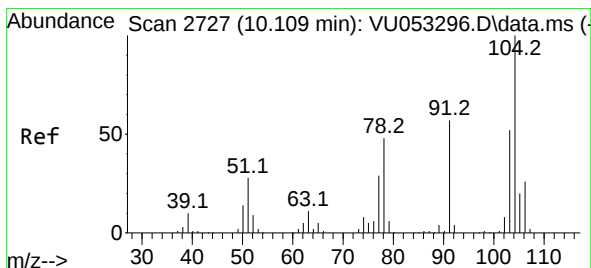
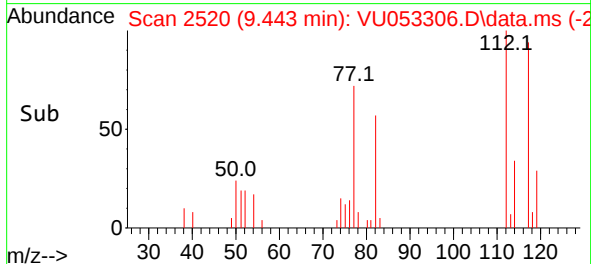
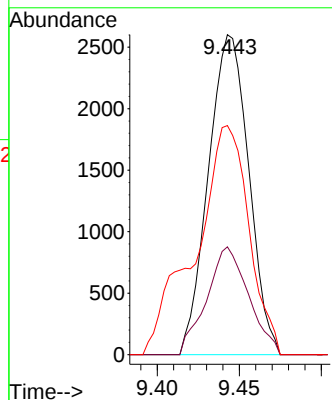
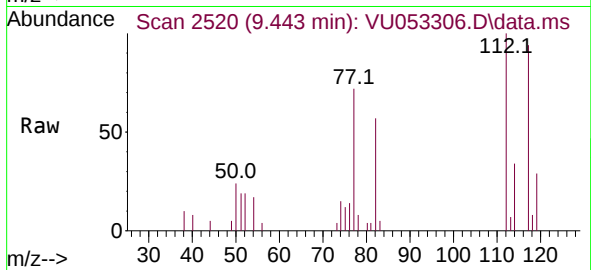




#51
Chlorobenzene
Concen: 2.244 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
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ClientSampleId :
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Tgt Ion:112 Resp: 4453
Ion Ratio Lower Upper
112 100
114 33.7 21.8 40.6
77 71.6 48.8 73.2



#55
Styrene
Concen: 1.399 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
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Tgt Ion:104 Resp: 3109
Ion Ratio Lower Upper
104 100
78 42.6 32.9 61.1

