

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053308.D
 Acq On : 20 Mar 2023 15:52
 Operator : JC/MD
 Sample : VIBLK116
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK116

Quant Time: Mar 21 01:31:25 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)

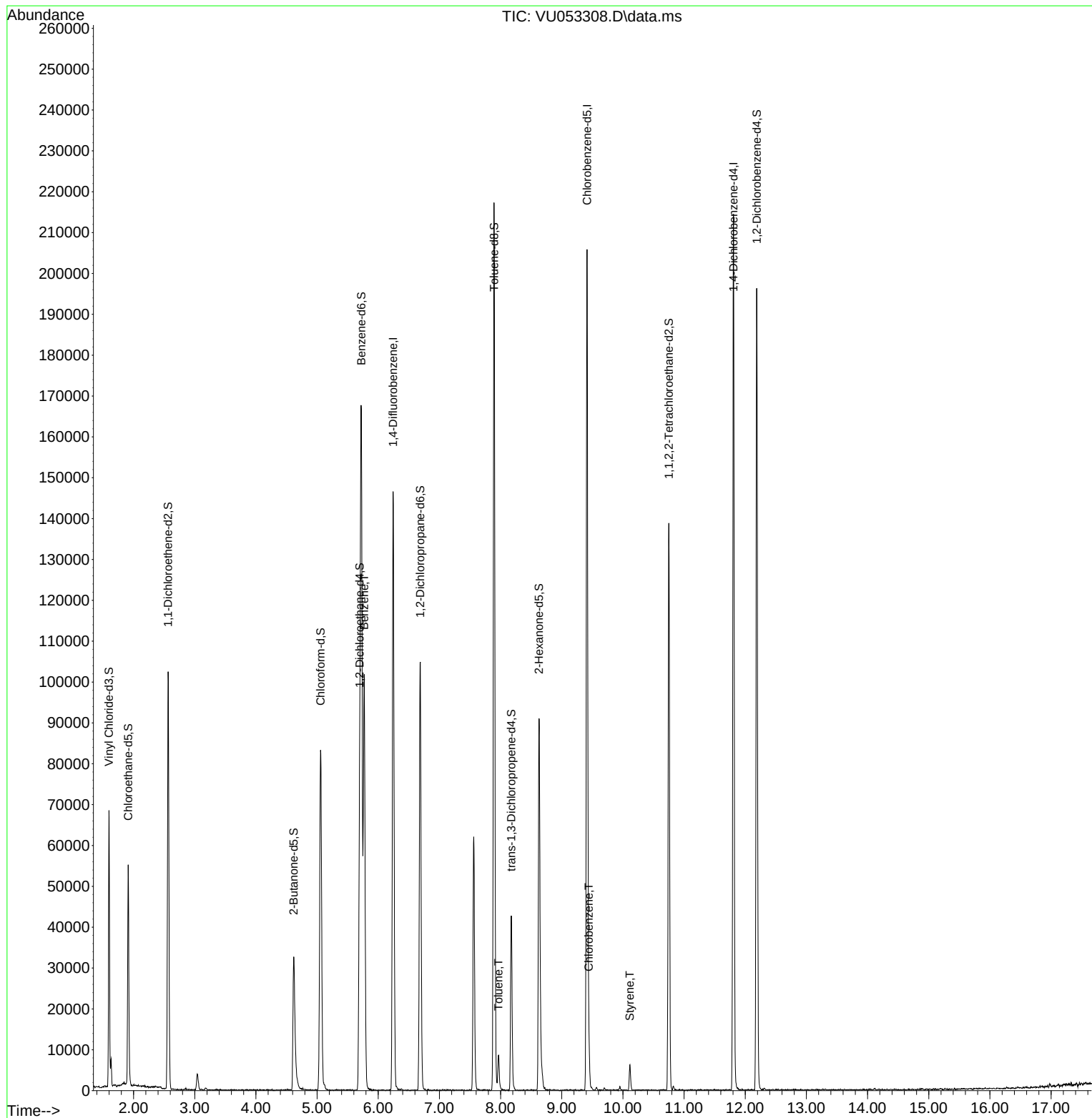
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	114224	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	52177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46647	44.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.540%
7) Chloroethane-d5	1.912	69	38317	44.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.900%
11) 1,1-Dichloroethene-d2	2.565	63	59529	32.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.220%
21) 2-Butanone-d5	4.616	46	49011	100.279	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.057	84	74170	42.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.460%
26) 1,2-Dichloroethane-d4	5.697	65	48970	45.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
32) Benzene-d6	5.723	84	158640	45.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.687	67	51029	45.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	7.893	98	145339	45.164	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.320%
43) trans-1,3-Dichloroprop...	8.176	79	24456	44.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.860%
47) 2-Hexanone-d5	8.629	63	32372	92.821	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	66901	46.295	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	47881	47.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.780%
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	97645	26.430	ug/L	100
42) Toluene	7.967	91	6686	1.683	ug/L	98
51) Chlorobenzene	9.443	112	5162	2.085	ug/L	99
55) Styrene	10.111	104	3431	1.238	ug/L	91

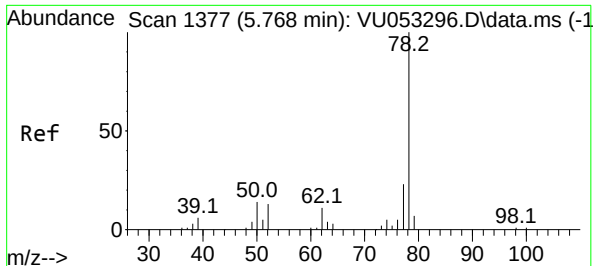
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 26.430 ug/L

RT: 5.771 min Scan# 1

Delta R.T. 0.003 min

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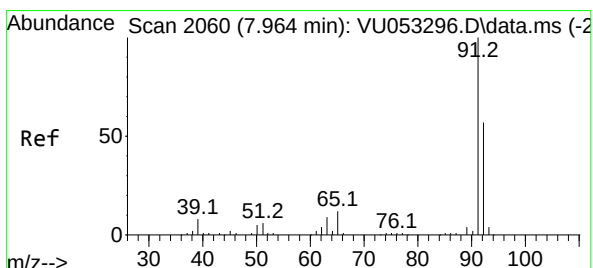
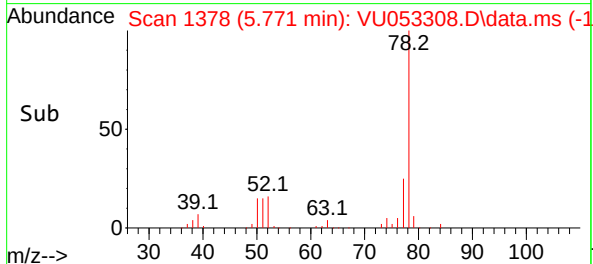
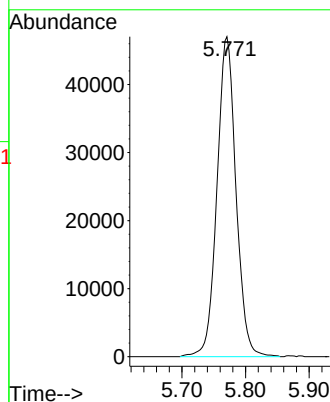
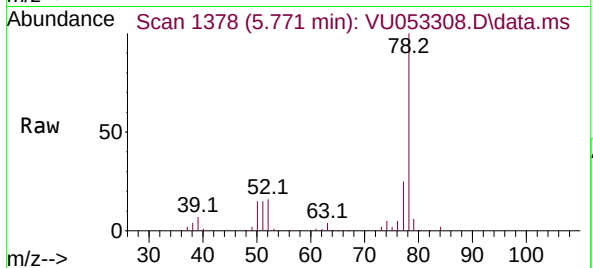
Instrument :

MSVOA_U

ClientSampleId :

VIBLK116

Tgt Ion: 78 Resp: 97645



#42

Toluene

Concen: 1.683 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

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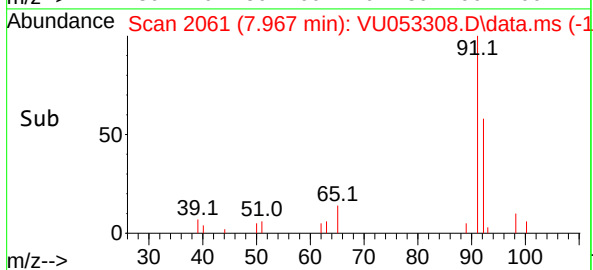
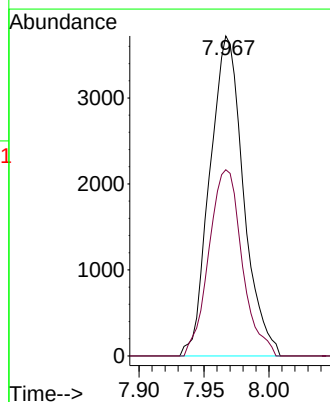
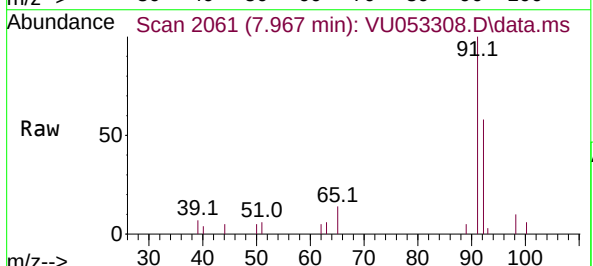
Acq: 20 Mar 2023 15:52

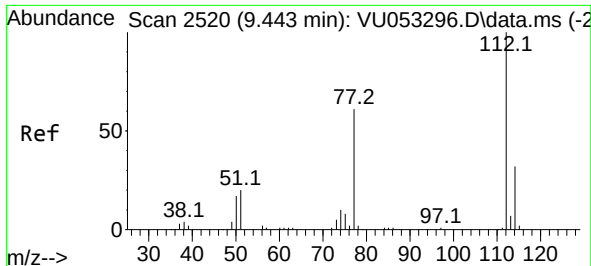
Tgt Ion: 91 Resp: 6686

Ion Ratio Lower Upper

91 100

92 58.2 39.6 73.6

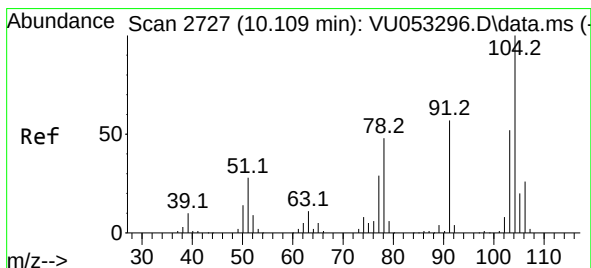
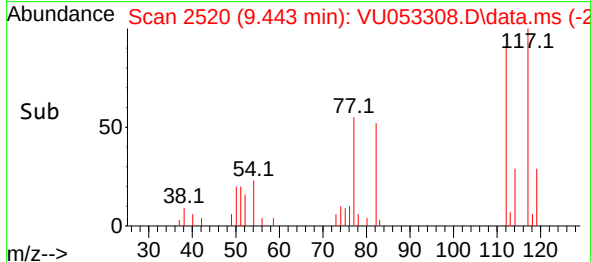
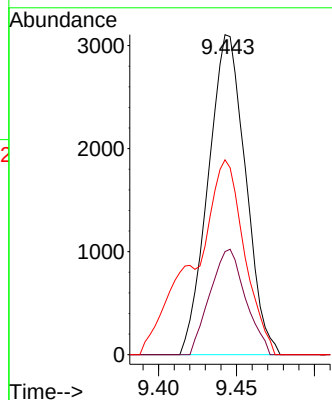
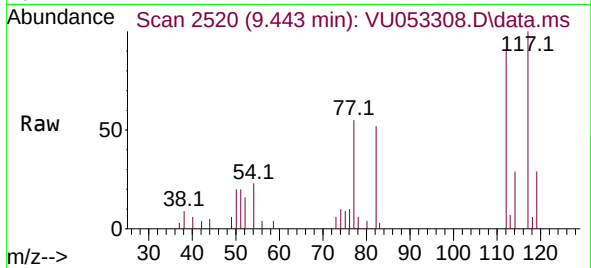




#51
Chlorobenzene
Concen: 2.085 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:112 Resp: 5162
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.6
77 60.9 48.8 73.2



#55
Styrene
Concen: 1.238 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
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Tgt Ion:104 Resp: 3431
Ion Ratio Lower Upper
104 100
78 53.0 32.9 61.1

