

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053307.D
 Acq On : 20 Mar 2023 15:02
 Operator : JC/MD
 Sample : 01961-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC2

Quant Time: Mar 21 01:31:04 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)

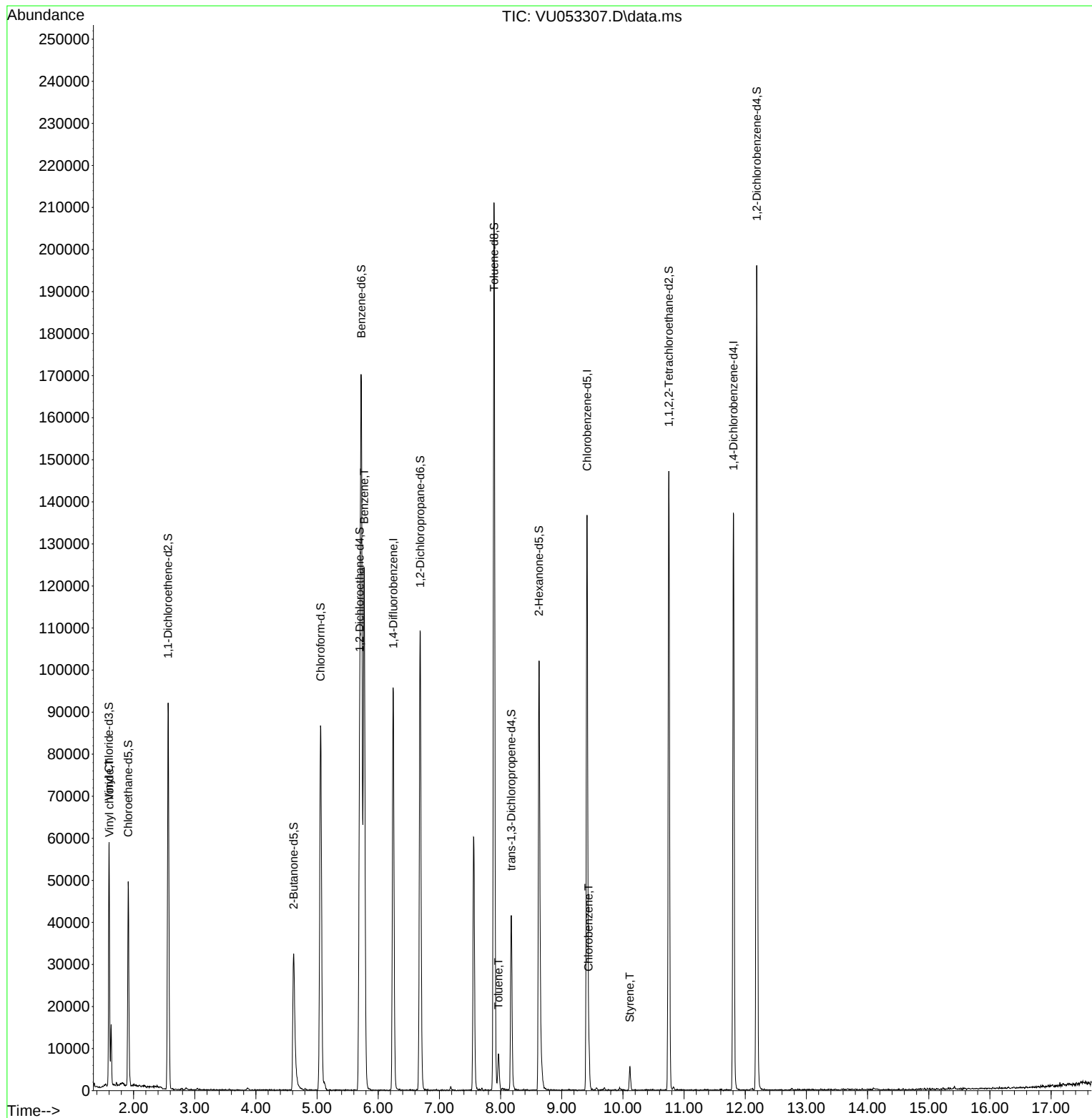
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	77305	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	71585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	33677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38161	53.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.020%			
7) Chloroethane-d5	1.912	69	34782	60.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.580%			
11) 1,1-Dichloroethene-d2	2.565	63	53955	43.672	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.340%			
21) 2-Butanone-d5	4.616	46	49524	149.720	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 149.720%#			
24) Chloroform-d	5.057	84	75995	64.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.400%#			
26) 1,2-Dichloroethane-d4	5.697	65	52130	71.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.920%#			
32) Benzene-d6	5.722	84	158525	68.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.540%#			
36) 1,2-Dichloropropane-d6	6.687	67	52416	69.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 139.900%#			
41) Toluene-d8	7.893	98	141949	65.664	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.320%#			
43) trans-1,3-Dichloroprop...	8.176	79	24458	66.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 132.300%#			
47) 2-Hexanone-d5	8.629	63	36421	155.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 155.460%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71933	74.100	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 148.200%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	47247	72.456	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 144.920%#			
Target Compounds						
5) Vinyl chloride	1.604	62	2854	3.509	ug/L #	55
33) Benzene	5.771	78	118811	47.873	ug/L	100
42) Toluene	7.967	91	6708	2.514	ug/L	94
51) Chlorobenzene	9.439	112	4911	2.953	ug/L	96
55) Styrene	10.111	104	3030	1.628	ug/L	95

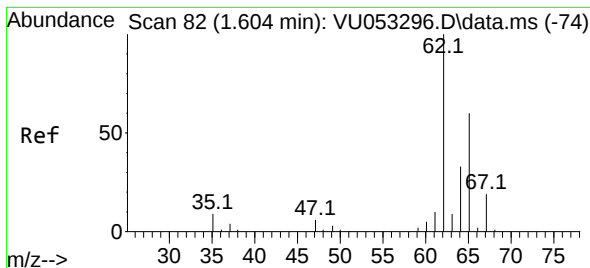
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.509 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.001 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

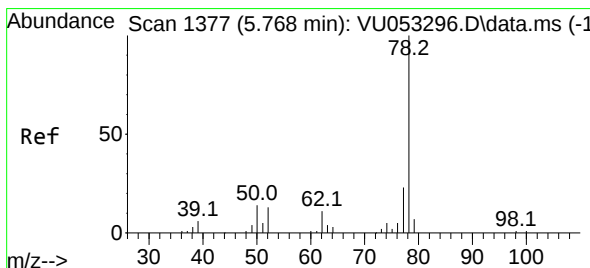
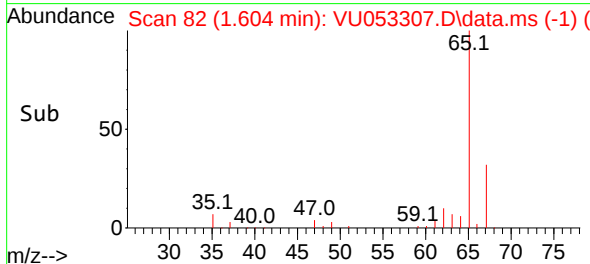
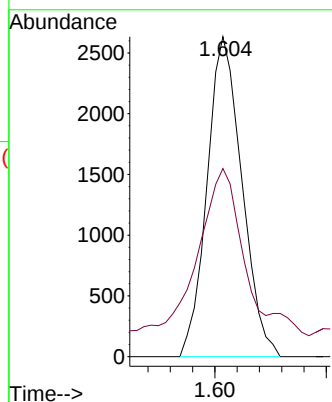
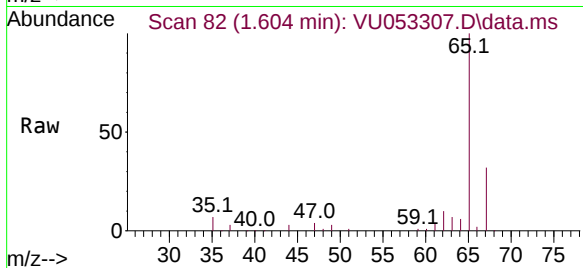
EYFC2

Tgt Ion: 62 Resp: 2854

Ion Ratio Lower Upper

62 100

64 58.8 23.2 43.0#



#33

Benzene

Concen: 47.873 ug/L

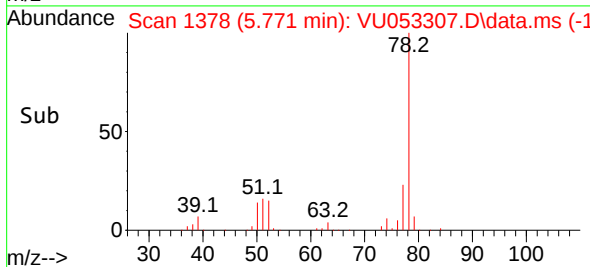
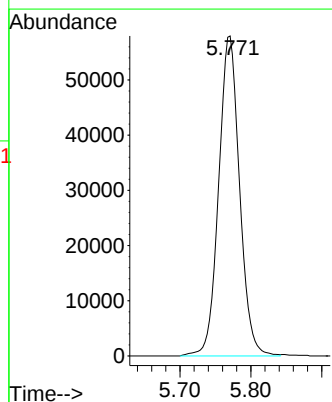
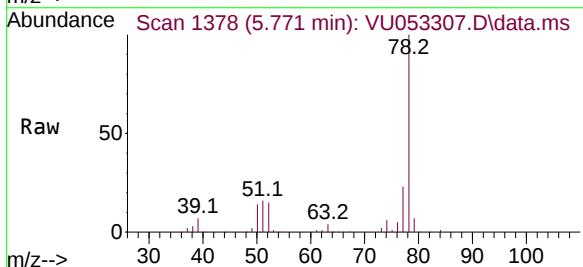
RT: 5.771 min Scan# 1378

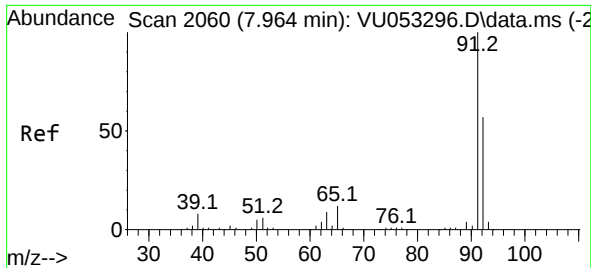
Delta R.T. 0.003 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Tgt Ion: 78 Resp: 118811





#42

Toluene

Concen: 2.514 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053307.D

Acq: 20 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

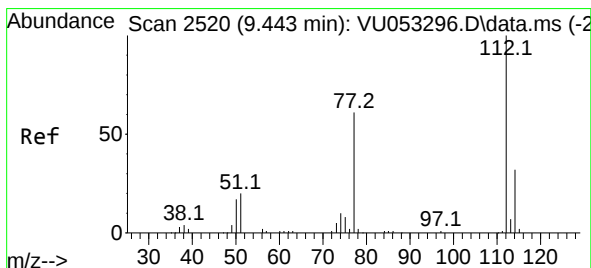
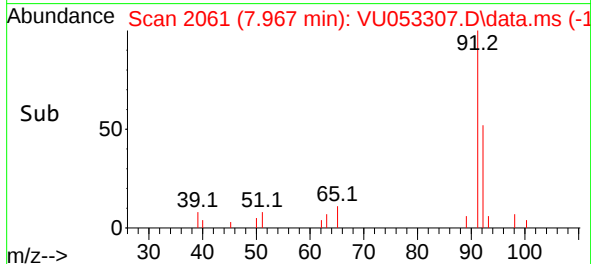
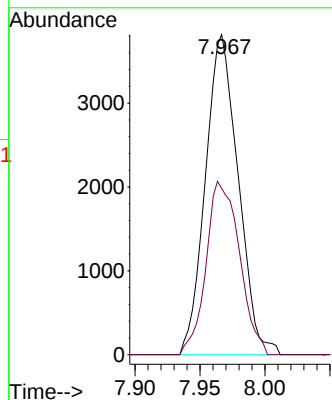
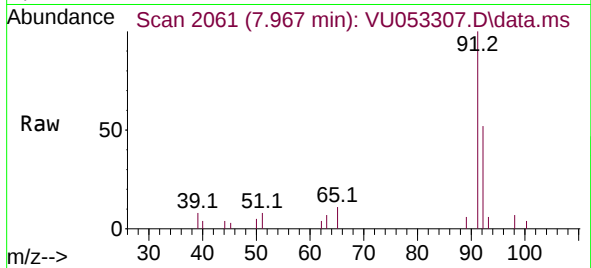
EYFC2

Tgt Ion: 91 Resp: 6708

Ion Ratio Lower Upper

91 100

92 52.0 39.6 73.6



#51

Chlorobenzene

Concen: 2.953 ug/L

RT: 9.439 min Scan# 2519

Delta R.T. -0.004 min

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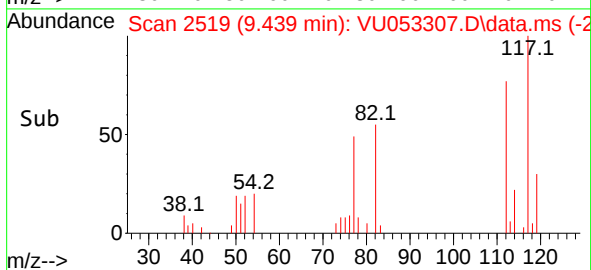
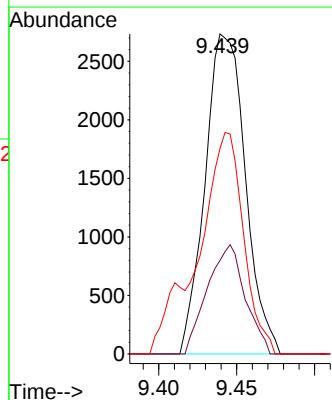
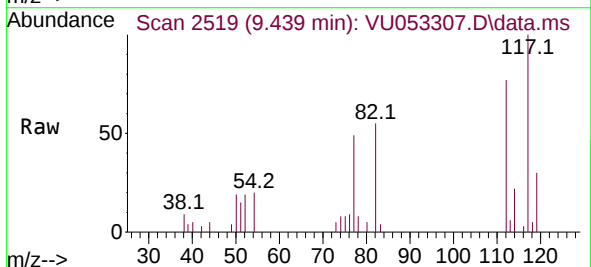
Tgt Ion: 112 Resp: 4911

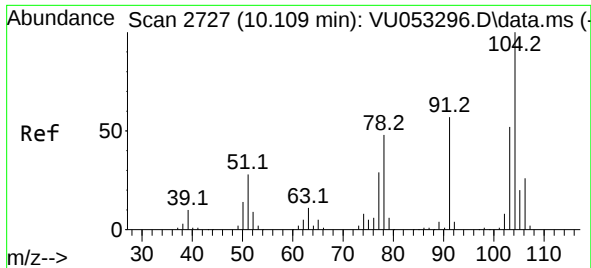
Ion Ratio Lower Upper

112 100

114 29.3 21.8 40.6

77 64.3 48.8 73.2





#55
 Styrene
 Concen: 1.628 ug/L
 RT: 10.111 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU053307.D
 Acq: 20 Mar 2023 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC2

Tgt Ion:104 Resp: 3030
 Ion Ratio Lower Upper
 104 100
 78 43.8 32.9 61.1

