

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054653.D
 Acq On : 22 Jun 2023 14:00
 Operator : MD/SY
 Sample : 03326-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA33

Quant Time: Jun 23 04:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

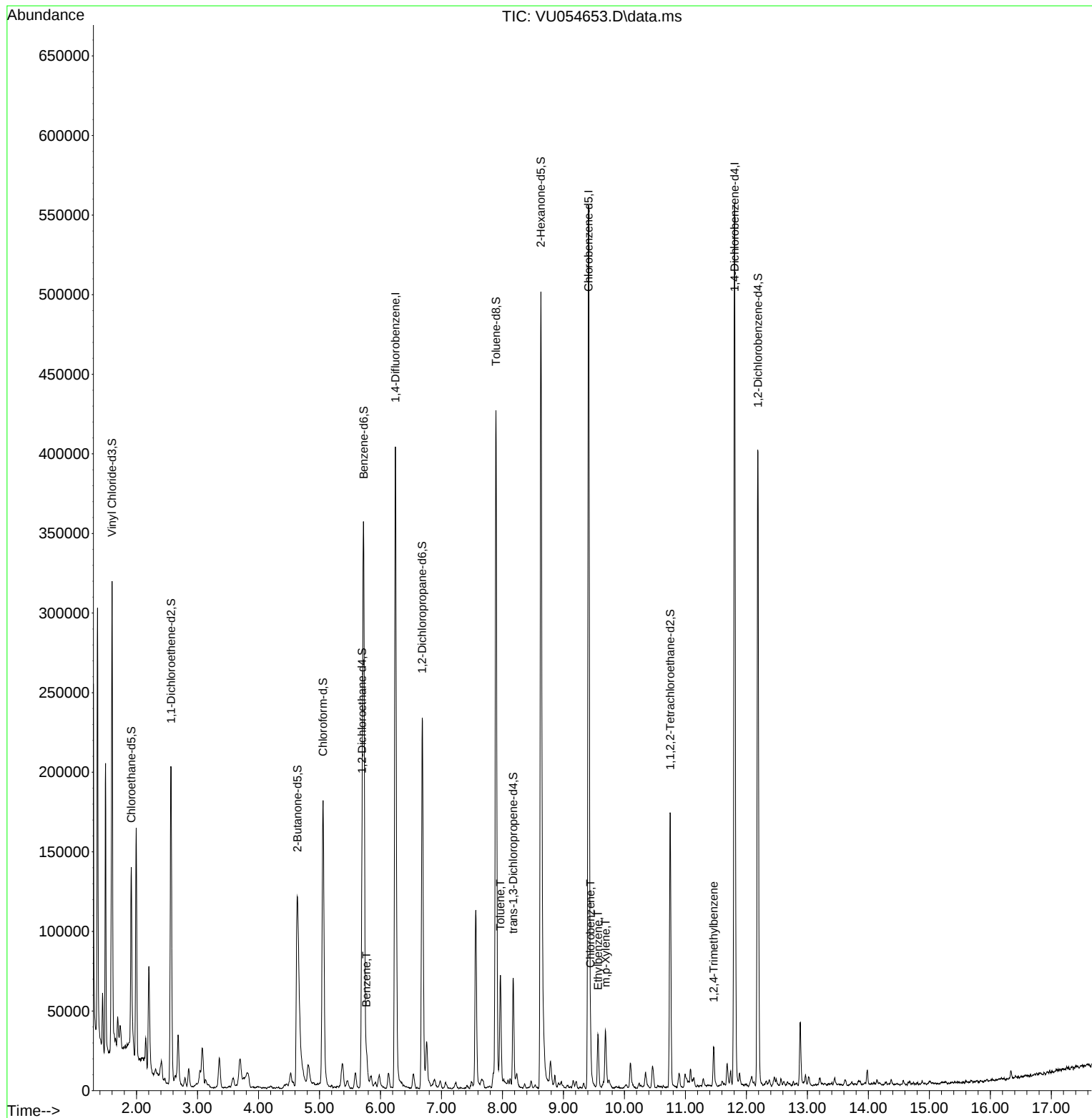
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	318298	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	304535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	100299	4.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.914	69	85012	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.566	65	38175	4.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.637	46	260976	45.822	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.640%
24) Chloroform-d	5.058	84	168105	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.698	65	87325	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.724	84	332139	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.685	67	113299	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.894	98	277232	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	40771	4.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.630	63	166549	40.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82872	3.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	99889	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
33) Benzene	5.772	78	14997	0.137	ug/L	100
42) Toluene	7.965	91	50896	0.452	ug/L	97
51) Chlorobenzene	9.444	112	10831	0.154	ug/L	95
52) Ethylbenzene	9.566	91	21826	0.177	ug/L	98
53) m,p-Xylene	9.692	106	9426	0.208	ug/L	93
63) 1,2,4-Trimethylbenzene	11.463	105	12738	0.143	ug/L	97

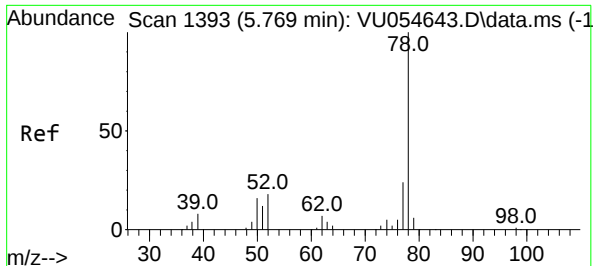
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 0.137 ug/L

RT: 5.772 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054653.D

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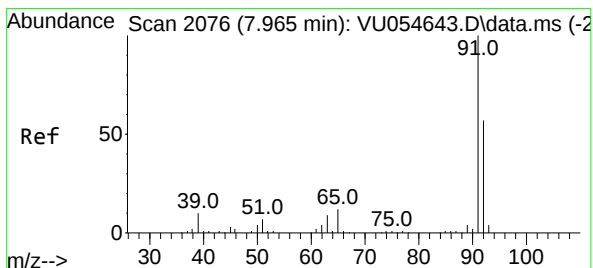
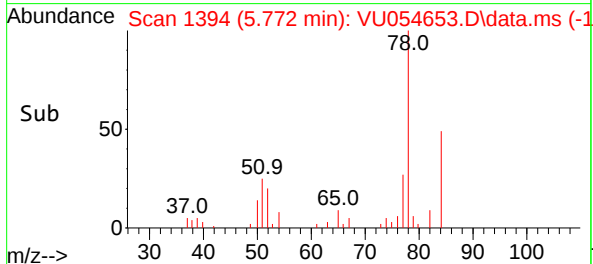
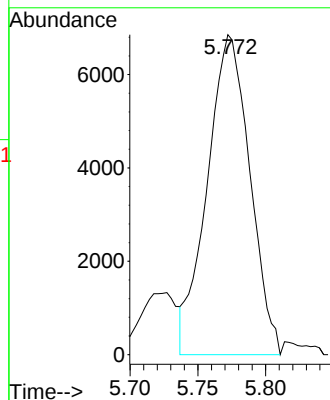
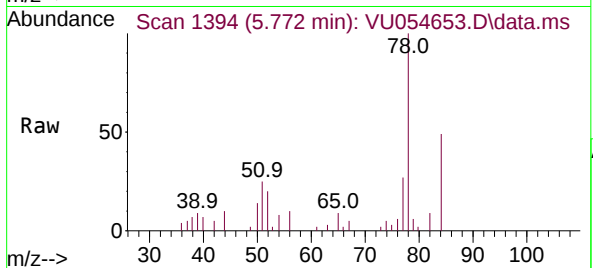
Instrument :

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ClientSampleId :

GCA33

Tgt Ion: 78 Resp: 14997



#42

Toluene

Concen: 0.452 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054653.D

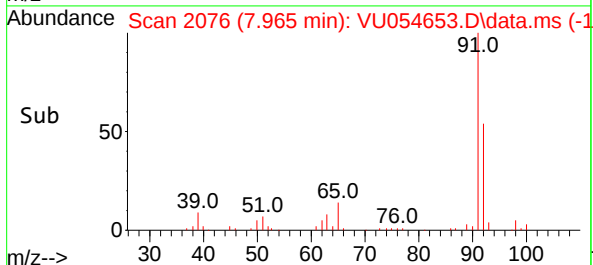
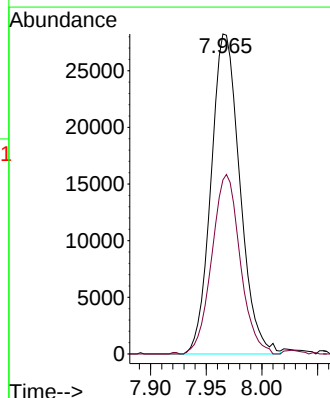
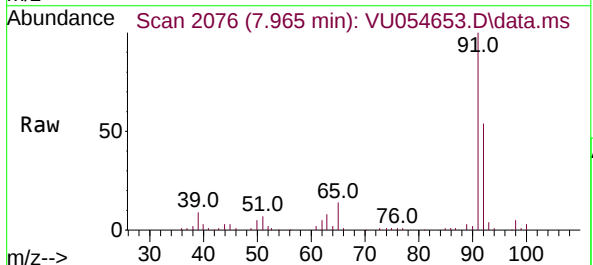
Acq: 22 Jun 2023 14:00

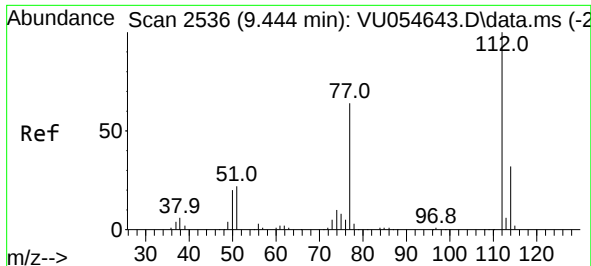
Tgt Ion: 91 Resp: 50896

Ion Ratio Lower Upper

91 100

92 54.4 39.5 73.4

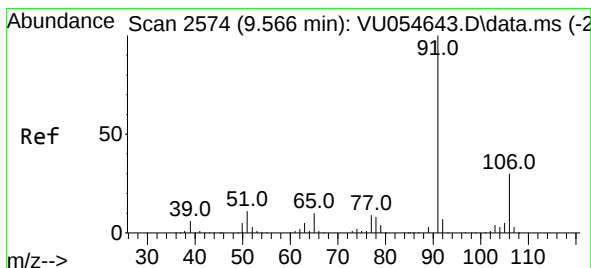
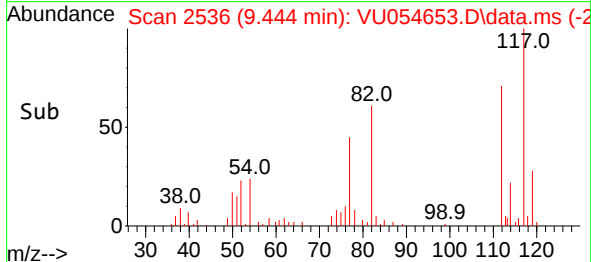
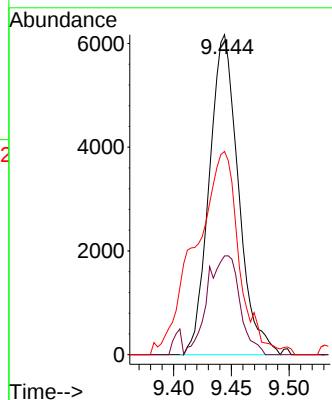
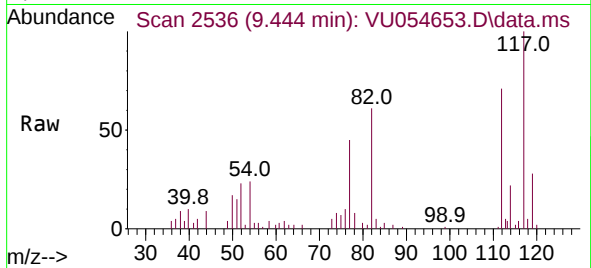




#51
Chlorobenzene
Concen: 0.154 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054653.D
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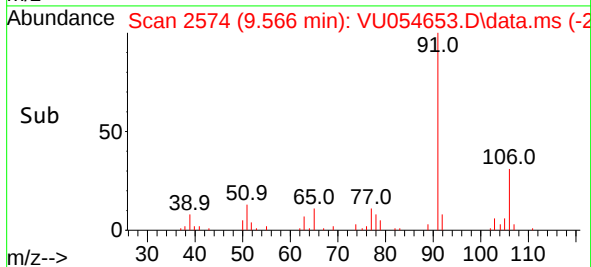
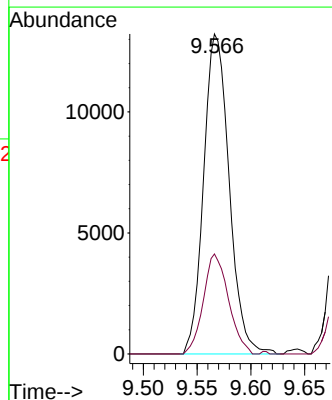
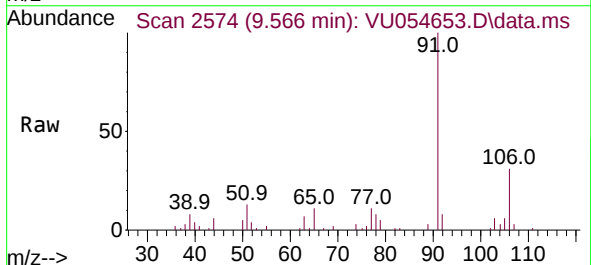
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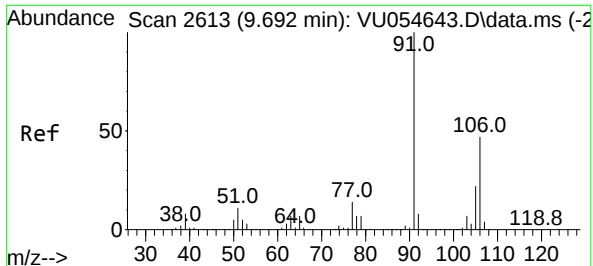
Tgt Ion:112 Resp: 10831
Ion Ratio Lower Upper
112 100
114 28.8 22.7 42.1
77 59.4 49.8 74.8



#52
Ethylbenzene
Concen: 0.177 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU054653.D
Acq: 22 Jun 2023 14:00

Tgt Ion: 91 Resp: 21826
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.3

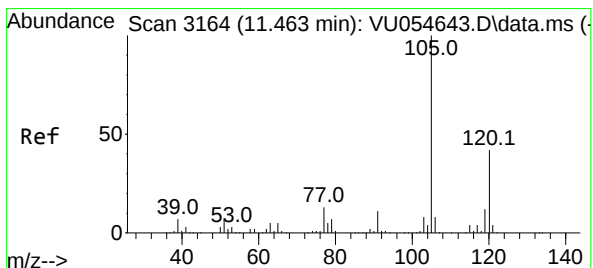
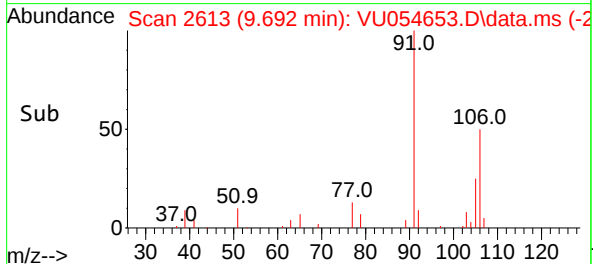
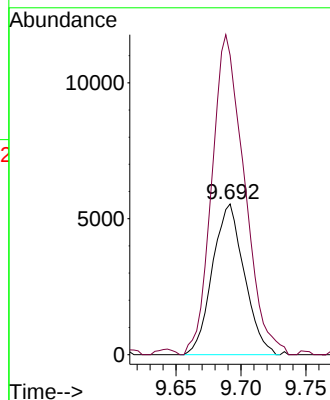
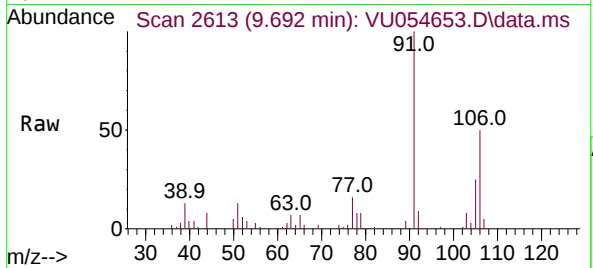




#53
m,p-Xylene
Concen: 0.208 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054653.D
Acq: 22 Jun 2023 14:00

Instrument :
MSVOA_U
ClientSampleId :
GCA33

Tgt Ion:106 Resp: 9426
Ion Ratio Lower Upper
106 100
91 198.5 147.0 273.0



#63
1,2,4-Trimethylbenzene
Concen: 0.143 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054653.D
Acq: 22 Jun 2023 14:00

Tgt Ion:105 Resp: 12738
Ion Ratio Lower Upper
105 100
120 46.4 35.4 53.0

