

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060844.D
 Acq On : 17 Sep 2024 19:45
 Operator : MD/SY
 Sample : P3973-17 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5

Quant Time: Sep 18 01:21:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

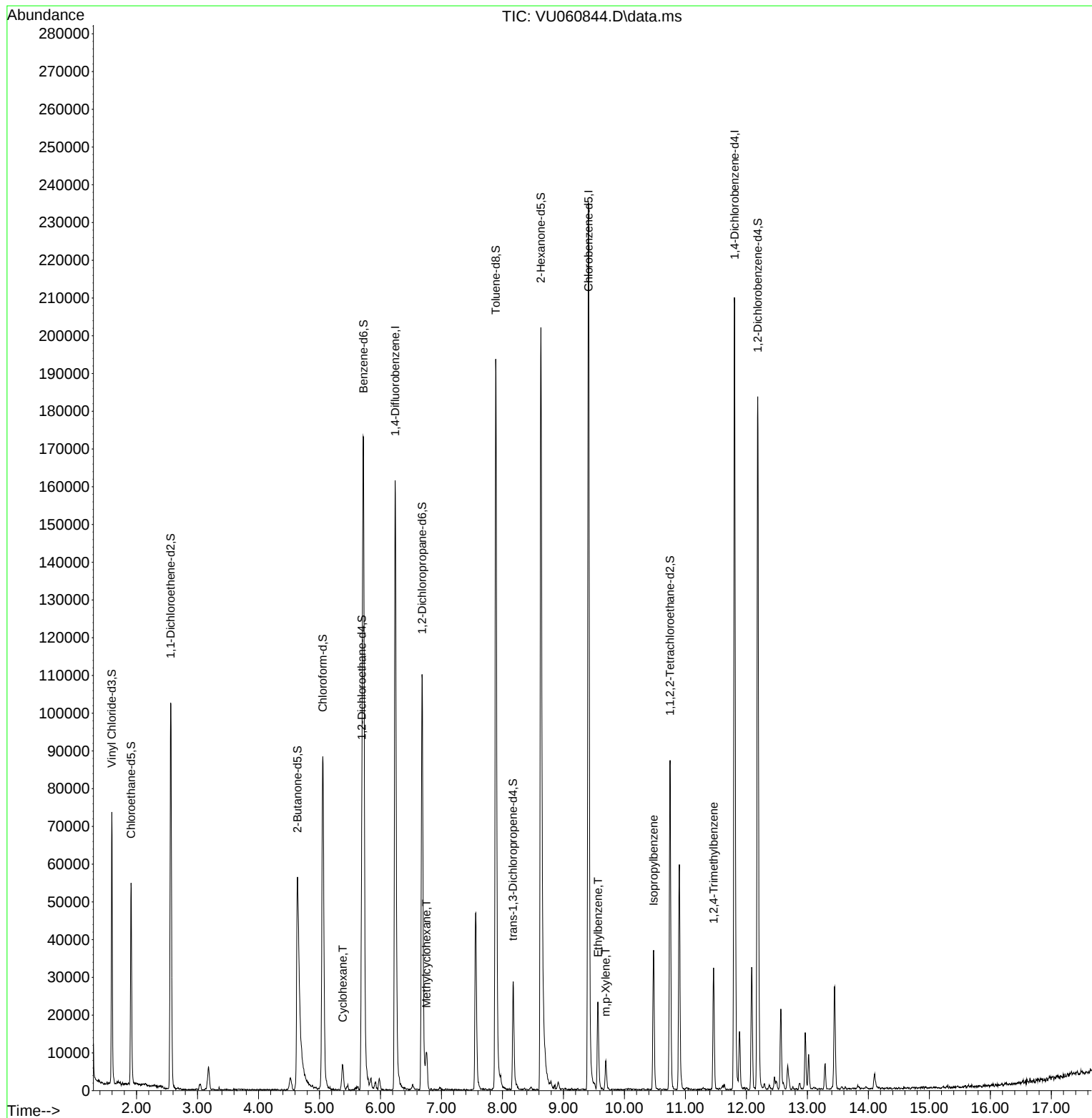
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49904	3.857	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.911	69	41533	4.509	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.560	65	20608	4.494	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.800%	
20) 2-Butanone-d5	4.640	46	97316	46.857	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.720%	
24) Chloroform-d	5.055	84	91697	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.695	65	45573	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.721	84	175747	4.452	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.685	67	56216	4.603	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.891	98	143921	3.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	8.174	79	19122	4.349	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.631	63	74901	43.187	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.380%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45418	4.746	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	53055	4.924	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
30) Cyclohexane	5.383	56	2898	0.222	ug/L	# 79
35) Methylcyclohexane	6.753	83	4085	0.280	ug/L	92
52) Ethylbenzene	9.566	91	18173	0.408	ug/L	99
53) m,p-Xylene	9.695	106	2046	0.121	ug/L	75
60) Isopropylbenzene	10.479	105	24353	0.641	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	17847	0.612	ug/L	98

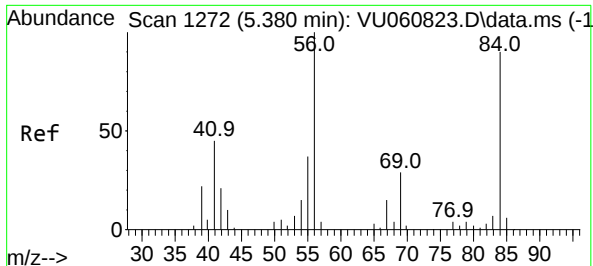
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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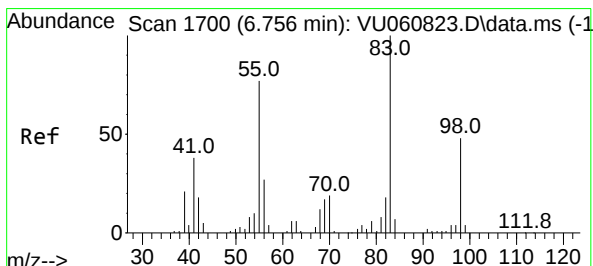
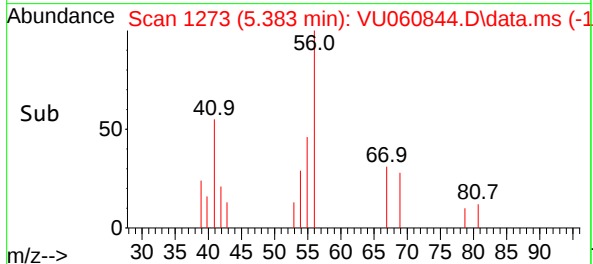
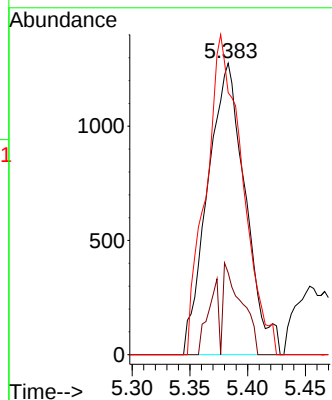
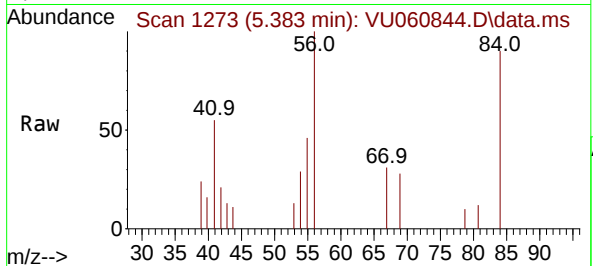




#30
Cyclohexane
Concen: 0.222 ug/L
RT: 5.383 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU060844.D
Acq: 17 Sep 2024 19:45

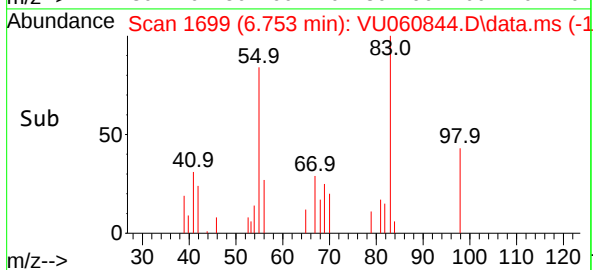
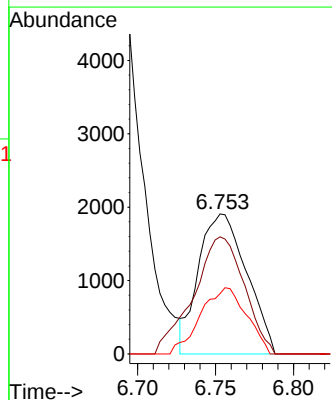
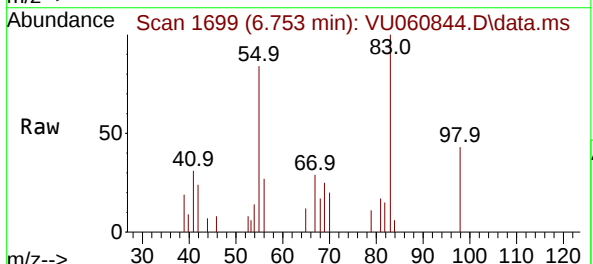
Instrument :
MSVOA_U
ClientSampleId :
C0AT5

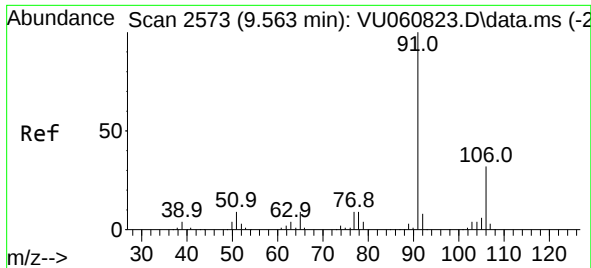
Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 15.2 25.4 38.0#
84 105.9 71.0 106.6



#35
Methylcyclohexane
Concen: 0.280 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU060844.D
Acq: 17 Sep 2024 19:45

Tgt Ion: 83 Resp: 4085
Ion Ratio Lower Upper
83 100
55 88.2 62.6 94.0
98 45.2 37.6 56.4

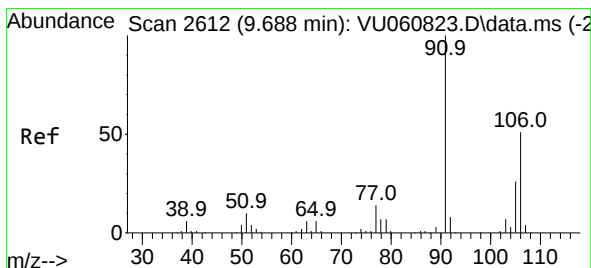
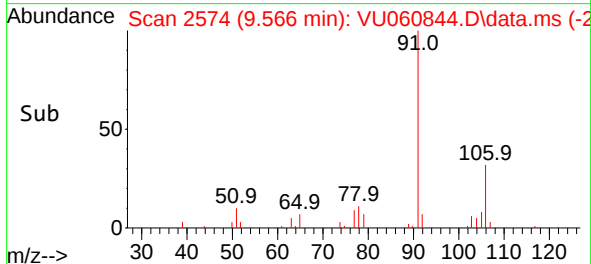
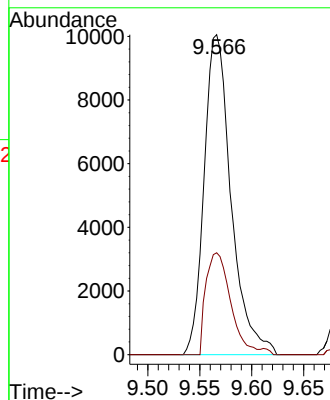
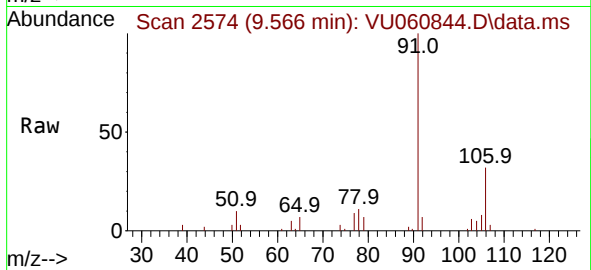




#52
Ethylbenzene
Concen: 0.408 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060844.D
Acq: 17 Sep 2024 19:45

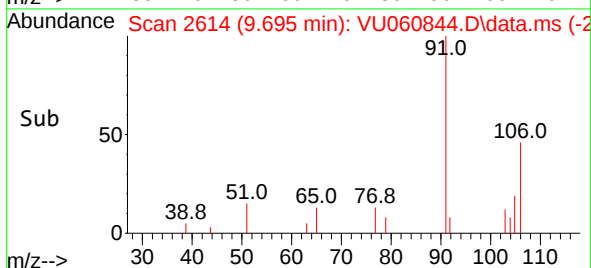
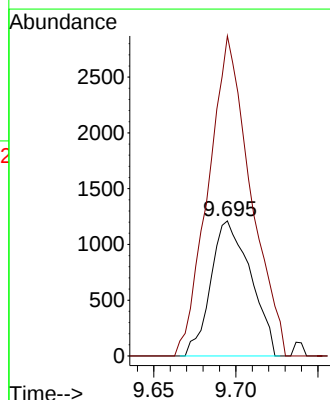
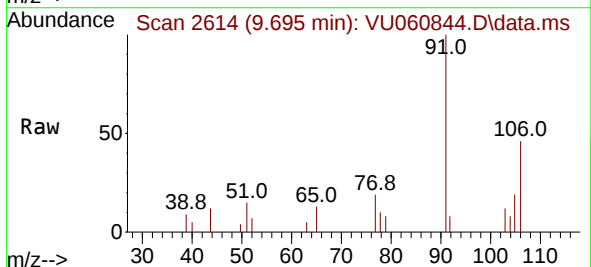
Instrument :
MSVOA_U
ClientSampleId :
C0AT5

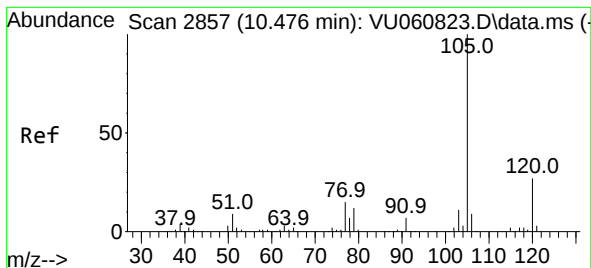
Tgt Ion: 91 Resp: 18173
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.6



#53
m,p-Xylene
Concen: 0.121 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.006 min
Lab File: VU060844.D
Acq: 17 Sep 2024 19:45

Tgt Ion:106 Resp: 2046
Ion Ratio Lower Upper
106 100
91 236.9 139.7 259.4





#60

Isopropylbenzene

Concen: 0.641 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060844.D

Acq: 17 Sep 2024 19:45

Instrument :

MSVOA_U

ClientSampleId :

C0AT5

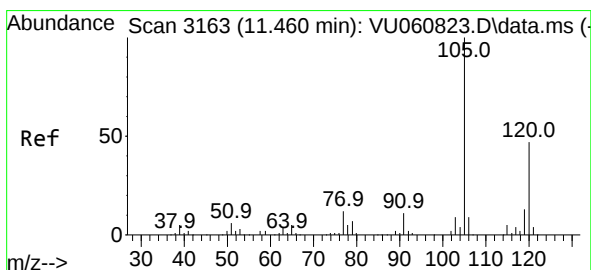
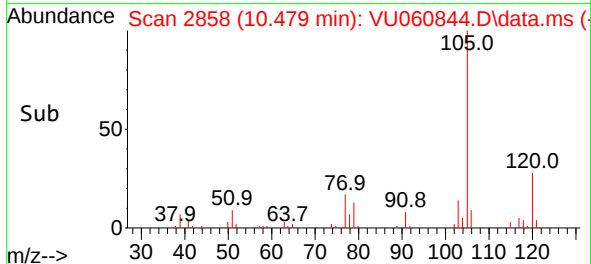
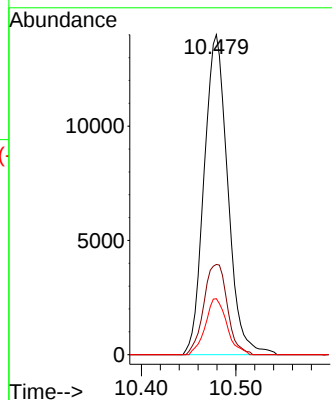
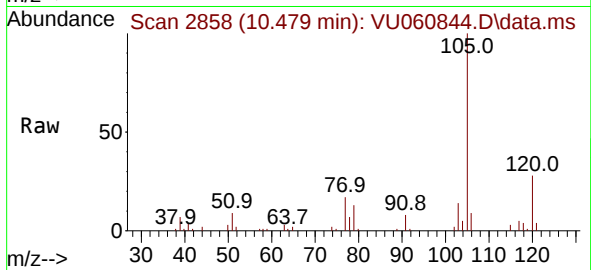
Tgt Ion:105 Resp: 24353

Ion Ratio Lower Upper

105 100

120 28.1 21.5 32.3

77 15.9 12.6 18.8



#63

1,2,4-Trimethylbenzene

Concen: 0.612 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060844.D

Acq: 17 Sep 2024 19:45

Tgt Ion:105 Resp: 17847

Ion Ratio Lower Upper

105 100

120 46.2 36.1 54.1

