

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045979.D
 Acq On : 24 Nov 2021 00:58
 Operator : SY/MD
 Sample : M4722-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G60

Quant Time: Nov 24 02:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

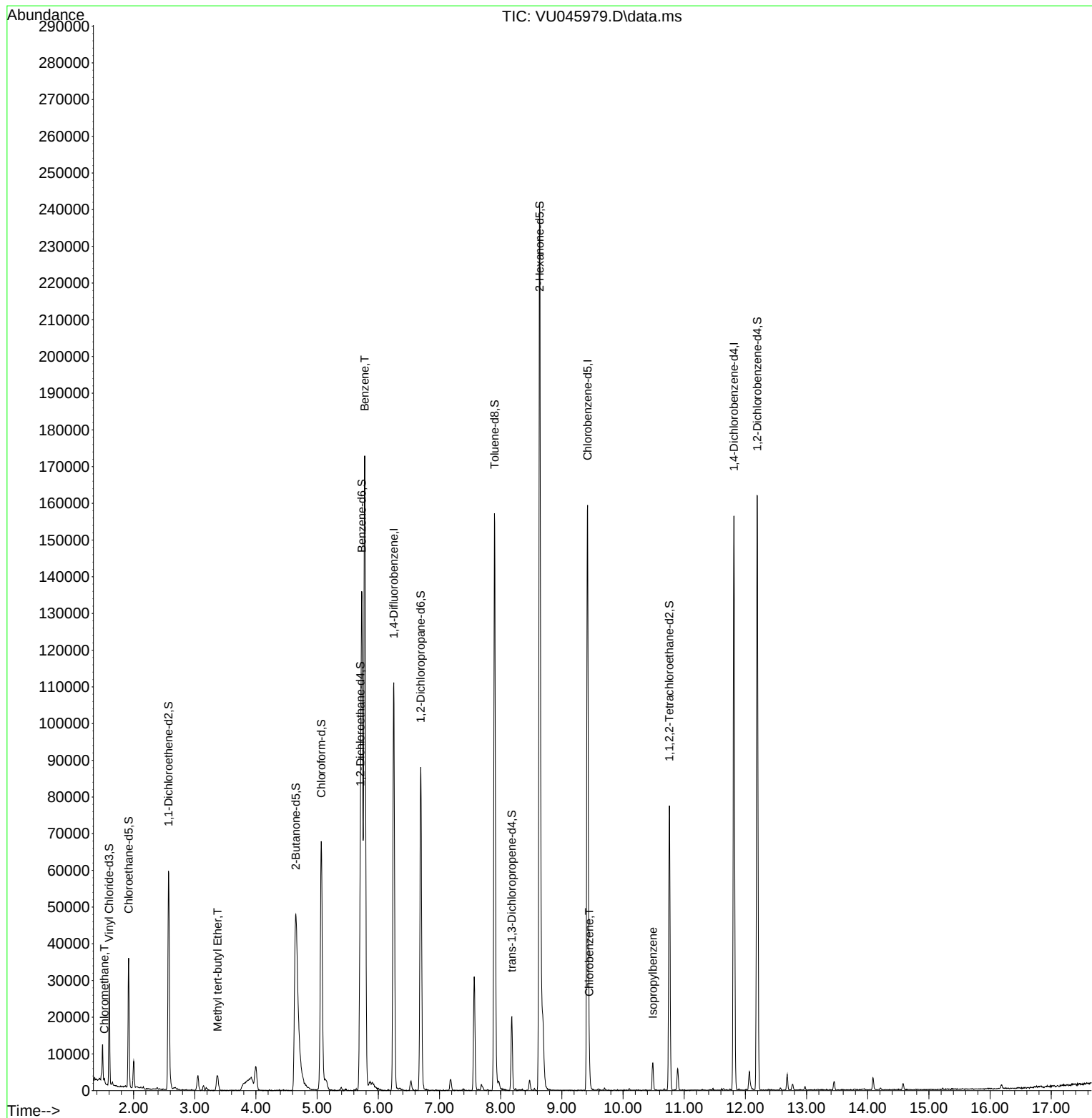
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16379	2.256	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.200%
7) Chloroethane-d5	1.919	69	25442	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.572	65	11316	3.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.652	46	127155	65.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.720%#
24) Chloroform-d	5.070	84	63377	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.706	65	37487	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.732	84	129921	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.694	67	43017	5.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.899	98	108999	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.182	79	11930	3.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.636	63	90466	62.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37949	5.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	42653	6.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1002	0.127	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	4468	0.303	ug/L #	82
33) Benzene	5.777	78	165691	6.518	ug/L	100
51) Chlorobenzene	9.449	112	3330	0.202	ug/L	93
60) Isopropylbenzene	10.488	105	5481	0.226	ug/L	99

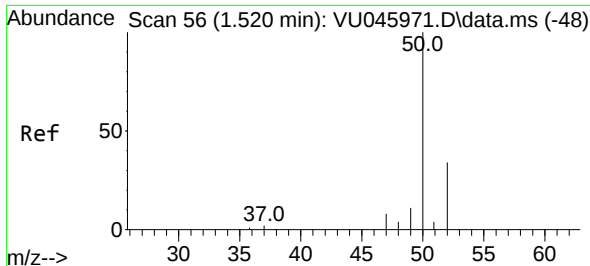
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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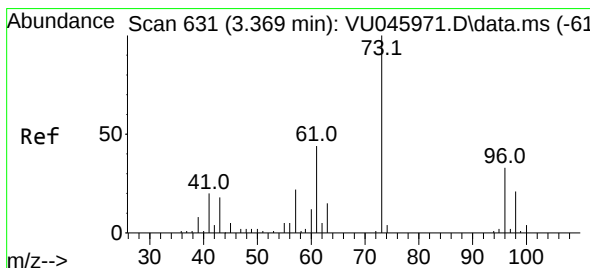
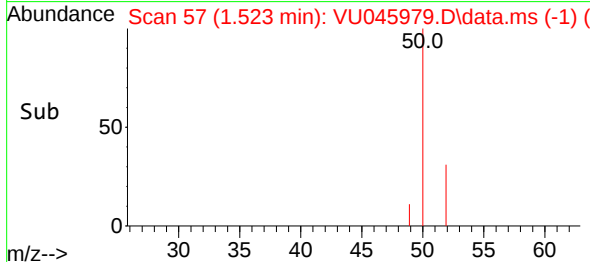
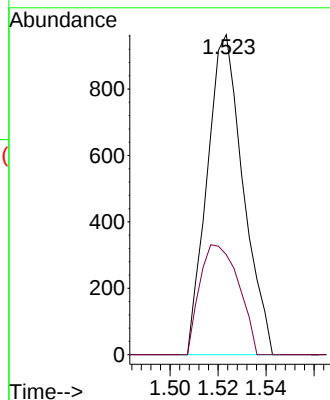
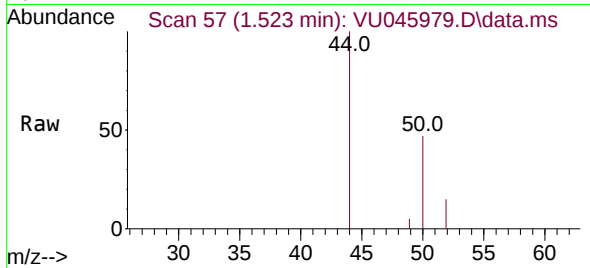




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

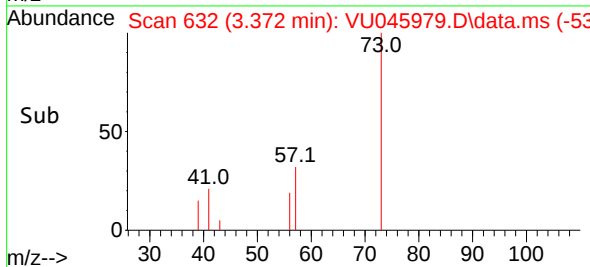
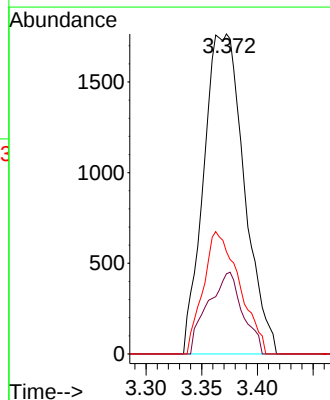
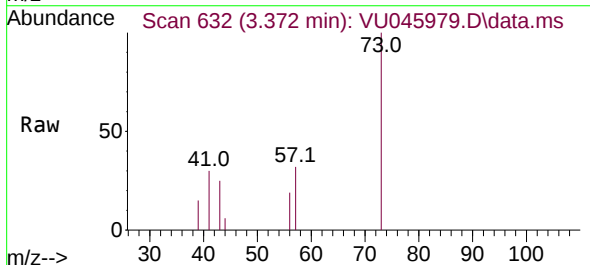
Instrument :
MSVOA_U
ClientSampleId :
C0G60

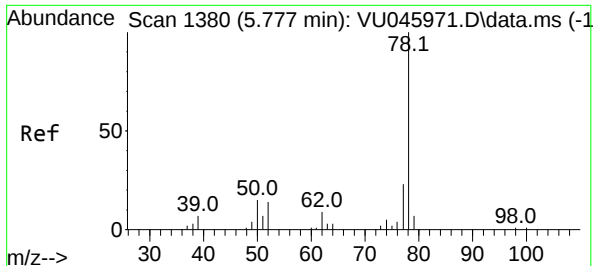
Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 31.2 23.0 42.8



#17
Methyl tert-butyl Ether
Concen: 0.303 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

Tgt Ion: 73 Resp: 4468
Ion Ratio Lower Upper
73 100
43 21.9 14.8 22.2
57 34.2 17.4 26.0#





#33

Benzene

Concen: 6.518 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045979.D

Acq: 24 Nov 2021 00:58

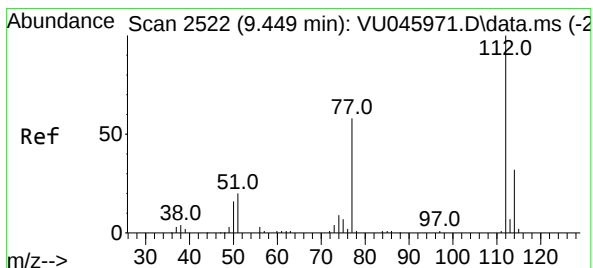
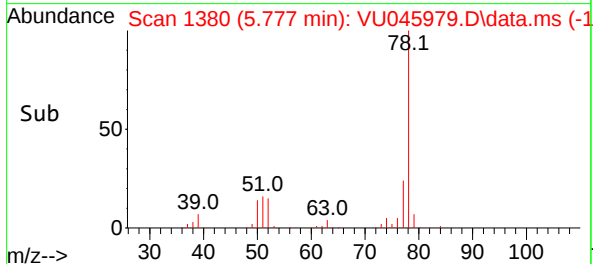
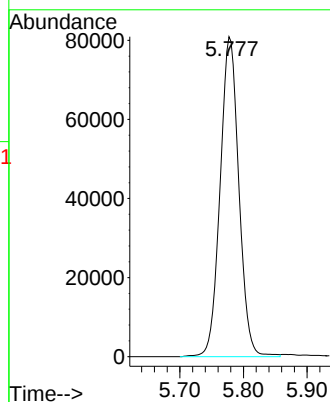
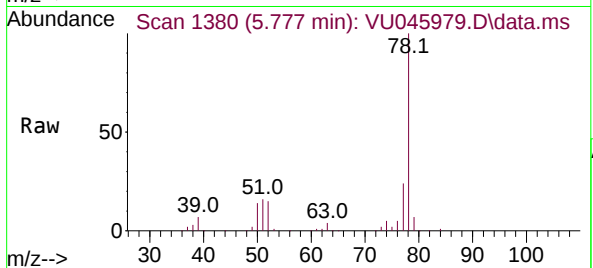
Instrument :

MSVOA_U

ClientSampleId :

C0G60

Tgt Ion: 78 Resp: 165691



#51

Chlorobenzene

Concen: 0.202 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045979.D

Acq: 24 Nov 2021 00:58

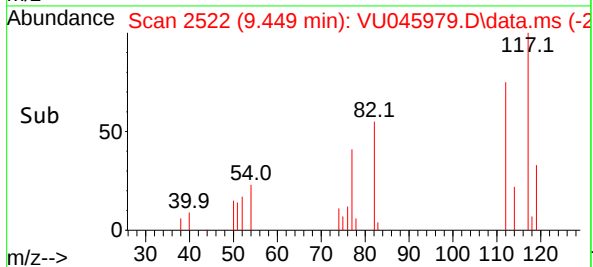
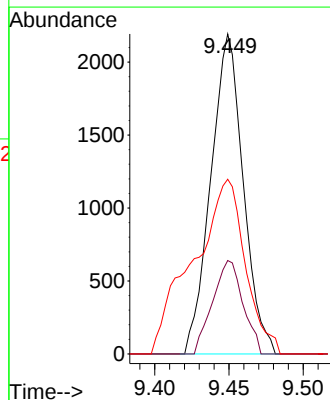
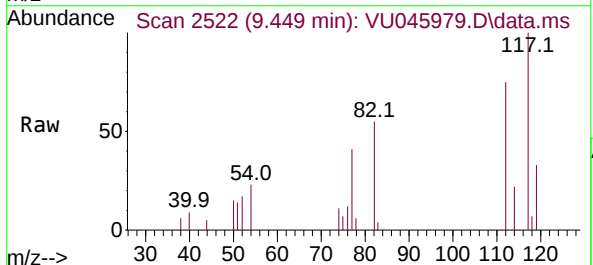
Tgt Ion: 112 Resp: 3330

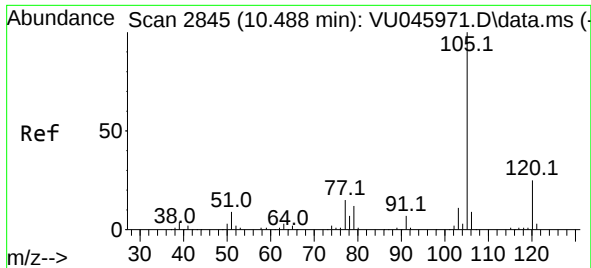
Ion Ratio Lower Upper

112 100

114 29.2 22.1 41.1

77 54.6 48.3 72.5





#60
Isopropylbenzene
Concen: 0.226 ug/L
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

Instrument :
MSVOA_U
ClientSampleId :
C0G60

Tgt Ion:105	Resp:	5481	
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	15.4	12.6	19.0

