

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045975.D
 Acq On : 23 Nov 2021 23:23
 Operator : SY/MD
 Sample : M4722-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G53

Quant Time: Nov 24 02:09:10 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)

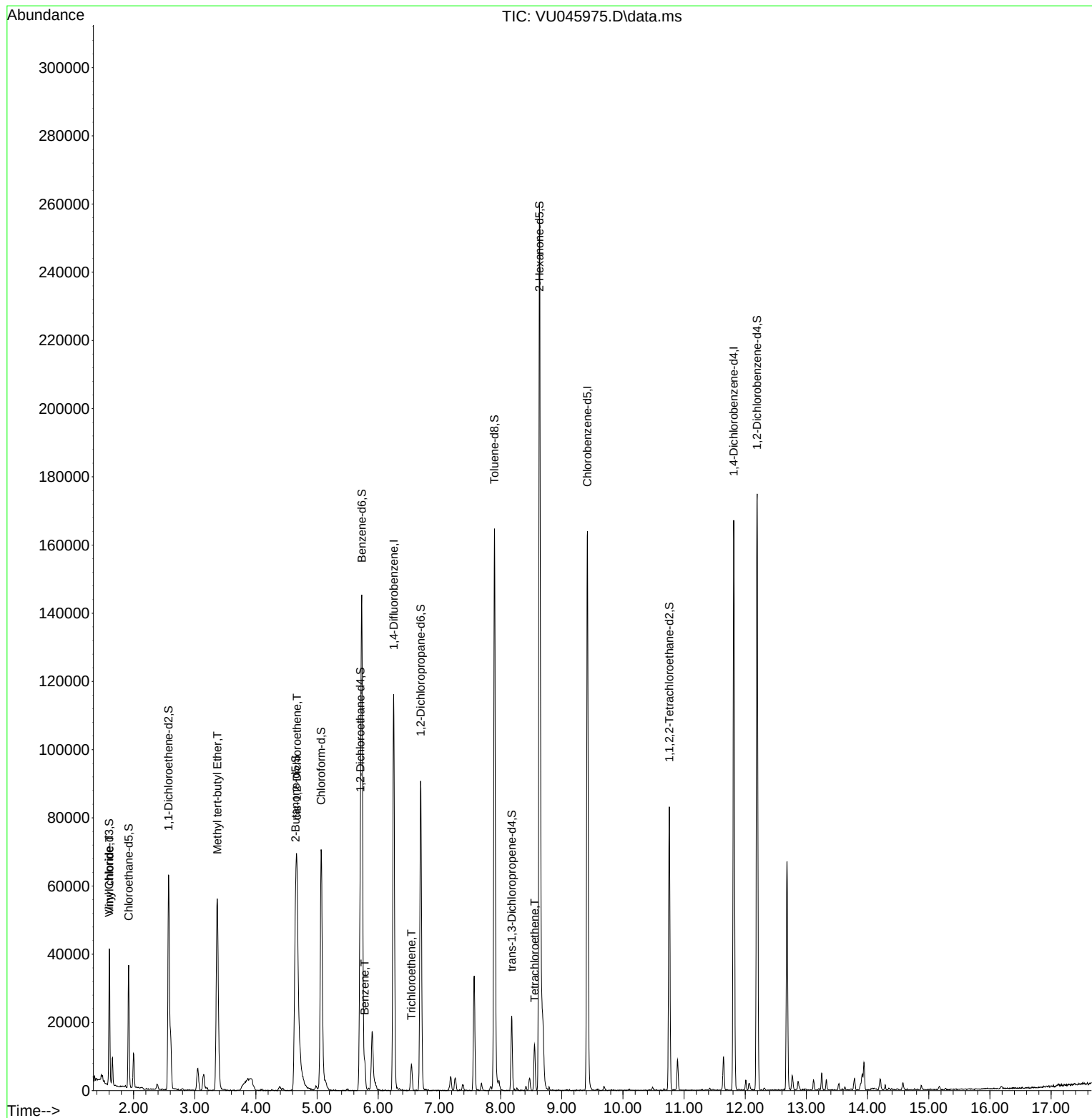
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	16675	2.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.000%
7) Chloroethane-d5	1.919	69	26068	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.571	65	12039	3.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.649	46	137044	67.505	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.000%#
24) Chloroform-d	5.067	84	65649	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	39614	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.732	84	136954	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.694	67	44889	5.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.899	98	114855	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	12621	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.636	63	98967	66.596	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.200%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40886	5.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	44953	5.925	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						
5) Vinyl chloride	1.607	62	11790	1.424	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	68018	4.414	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	12832	1.865	ug/L	93
33) Benzene	5.777	78	7324	0.280	ug/L	100
34) Trichloroethene	6.542	95	2044	0.303	ug/L	91
47) Tetrachloroethene	8.558	164	3003	0.637	ug/L	89

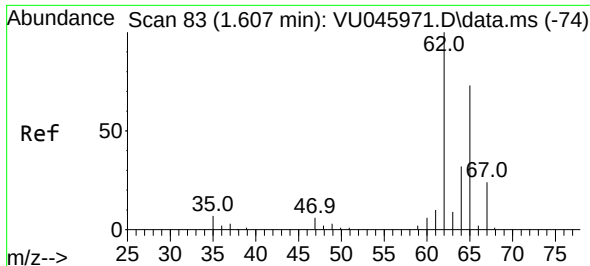
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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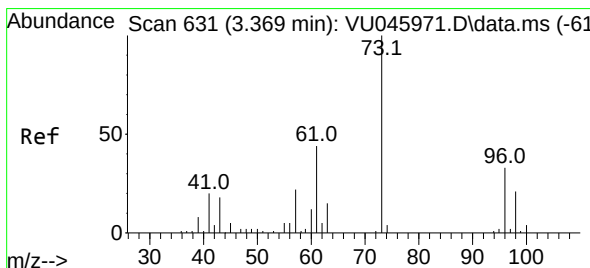
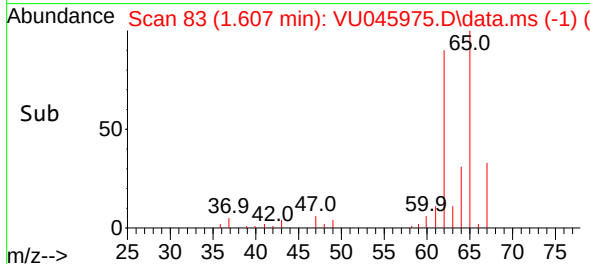
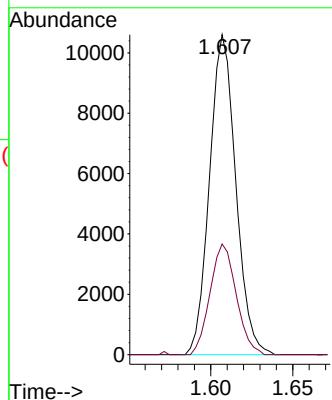
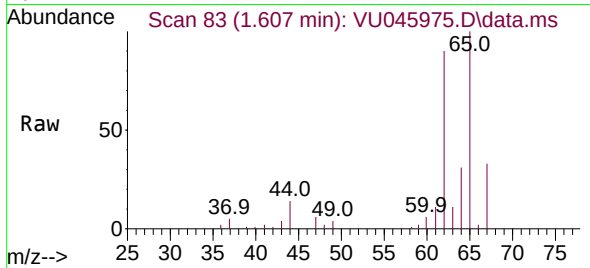




#5
 Vinyl chloride
 Concen: 1.424 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045975.D
 Acq: 23 Nov 2021 23:23

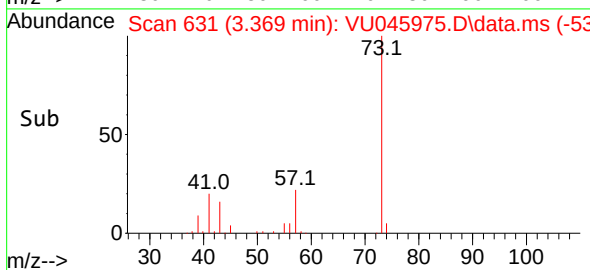
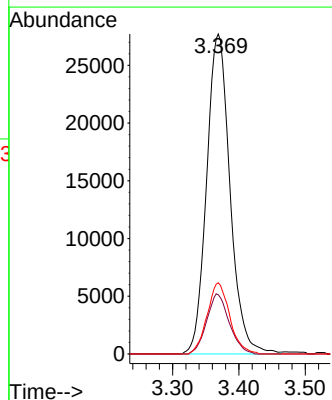
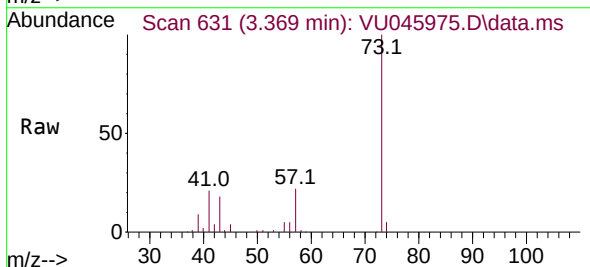
Instrument :
 MSVOA_U
 ClientSampleId :
 C0G53

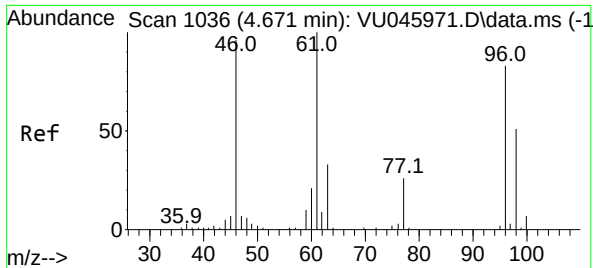
Tgt Ion: 62 Resp: 11790
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.9 42.5



#17
 Methyl tert-butyl Ether
 Concen: 4.414 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045975.D
 Acq: 23 Nov 2021 23:23

Tgt Ion: 73 Resp: 68018
 Ion Ratio Lower Upper
 73 100
 43 18.0 14.8 22.2
 57 21.4 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 1.865 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045975.D

Acq: 23 Nov 2021 23:23

Instrument :

MSVOA_U

ClientSampleId :

C0G53

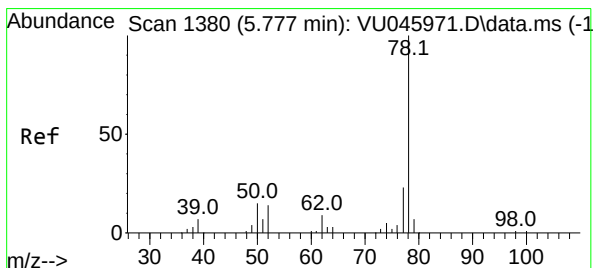
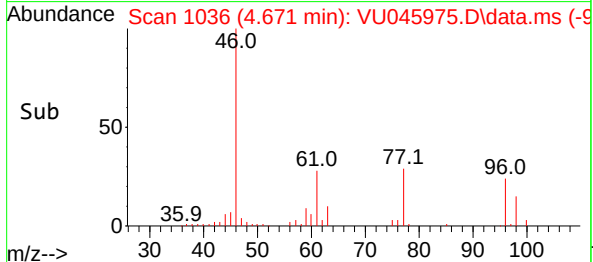
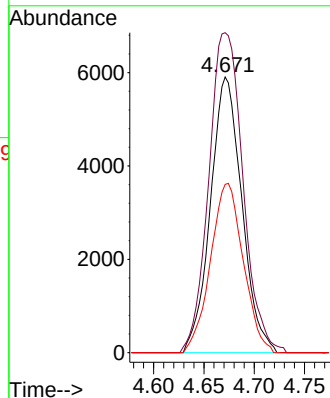
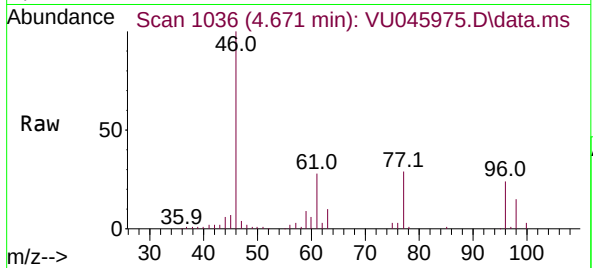
Tgt Ion: 96 Resp: 12832

Ion Ratio Lower Upper

96 100

61 116.0 88.5 164.3

98 61.0 44.4 82.5



#33

Benzene

Concen: 0.280 ug/L

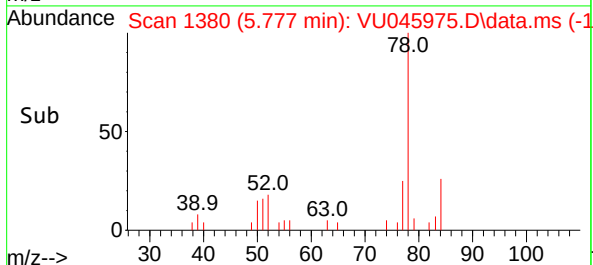
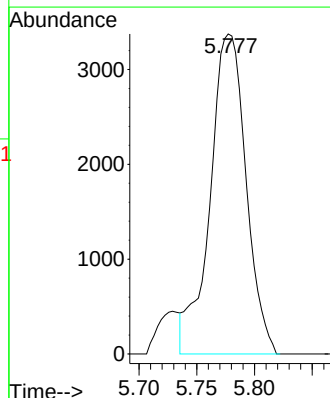
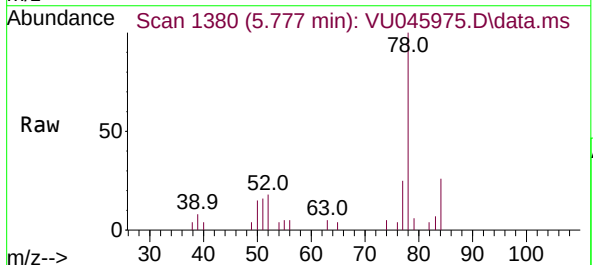
RT: 5.777 min Scan# 1380

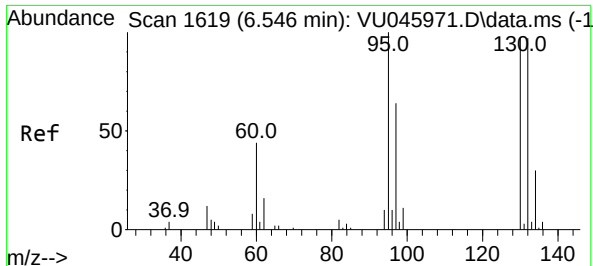
Delta R.T. 0.000 min

Lab File: VU045975.D

Acq: 23 Nov 2021 23:23

Tgt Ion: 78 Resp: 7324



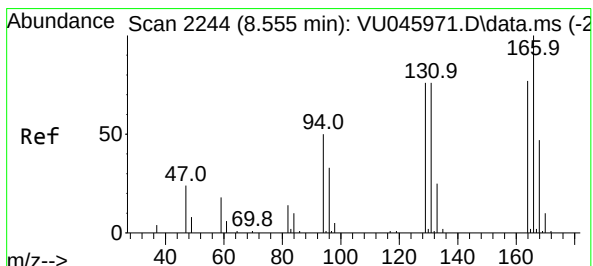
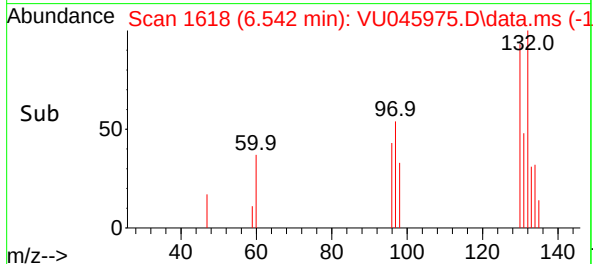
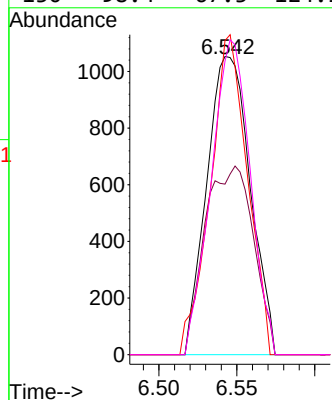
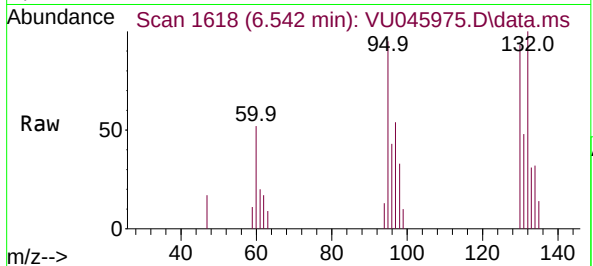


#34
Trichloroethene
Concen: 0.303 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

Instrument :
MSVOA_U
ClientSampleId :
C0G53

Tgt Ion: 95 Resp: 2044

Ion	Ratio	Lower	Upper
95	100		
97	57.2	46.5	86.5
132	105.3	65.1	120.9
130	98.4	67.3	124.9



#47
Tetrachloroethene
Concen: 0.637 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045975.D
Acq: 23 Nov 2021 23:23

Tgt Ion: 164 Resp: 3003

Ion	Ratio	Lower	Upper
164	100		
129	86.6	71.8	133.4
131	91.3	68.5	127.3
166	122.9	94.1	174.8

