

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045974.D
 Acq On : 23 Nov 2021 22:59
 Operator : SY/MD
 Sample : M4722-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G52

Quant Time: Nov 24 02:08:56 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)

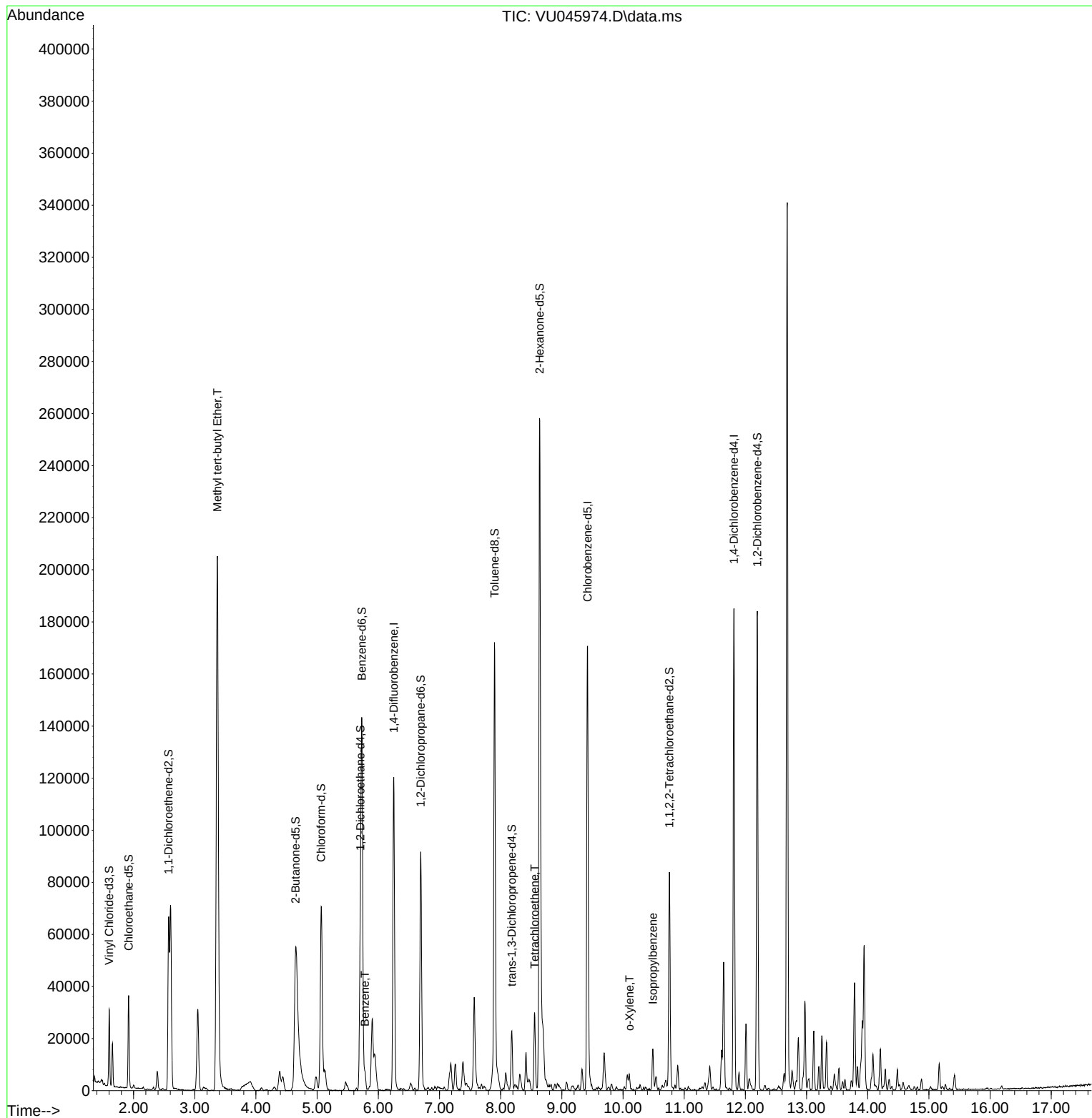
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98629	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17216	2.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.000%
7) Chloroethane-d5	1.919	69	26320	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.572	65	12010	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.649	46	134283	64.124	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.240%
24) Chloroform-d	5.067	84	65739	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.707	65	40229	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.732	84	135471	5.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.694	67	44606	5.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.899	98	114697	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.182	79	13112	3.796	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.636	63	99661	64.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41201	5.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	47369	5.753	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.369	73	250195	15.741	ug/L	99
33) Benzene	5.781	78	4707	0.172	ug/L	100
47) Tetrachloroethene	8.555	164	6436	1.304	ug/L	96
54) o-Xylene	10.105	106	1582	0.145	ug/L	80
60) Isopropylbenzene	10.488	105	9663	0.343	ug/L	98

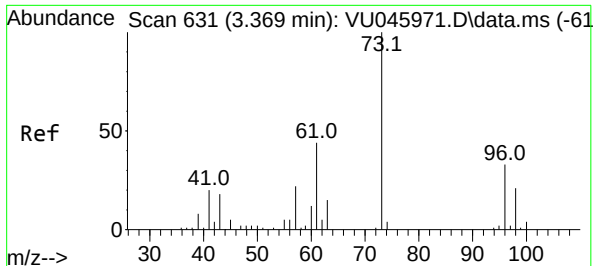
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#17

Methyl tert-butyl Ether

Concen: 15.741 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045974.D

Acq: 23 Nov 2021 22:59

Instrument :

MSVOA_U

ClientSampleId :

C0G52

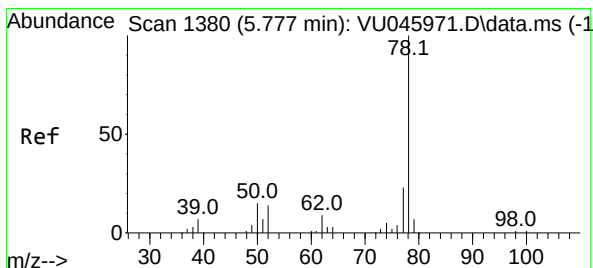
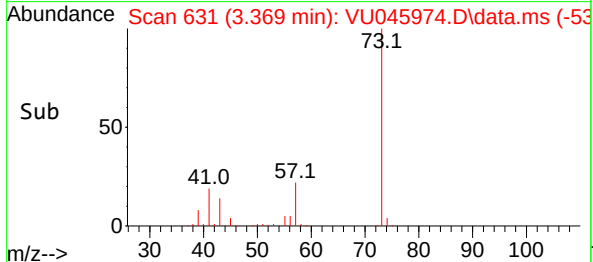
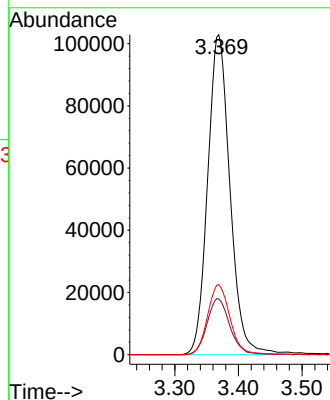
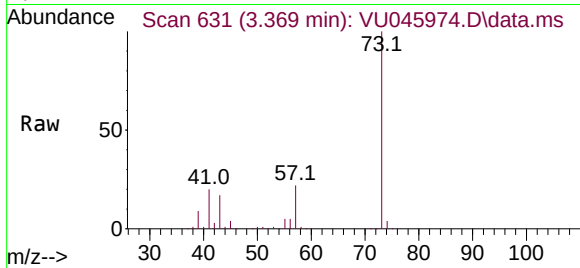
Tgt Ion: 73 Resp: 250195

Ion Ratio Lower Upper

73 100

43 17.9 14.8 22.2

57 22.0 17.4 26.0



#33

Benzene

Concen: 0.172 ug/L

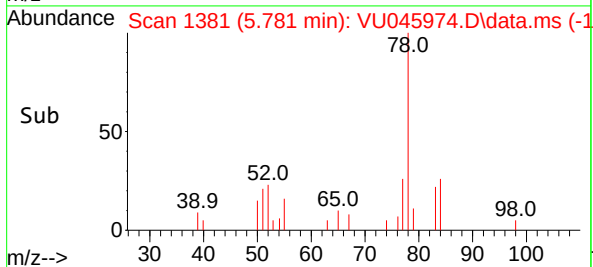
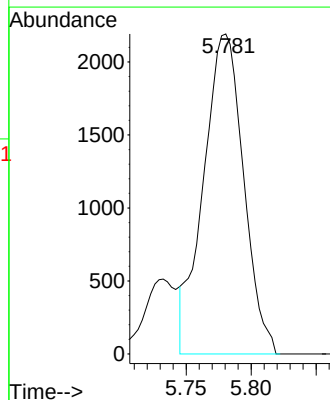
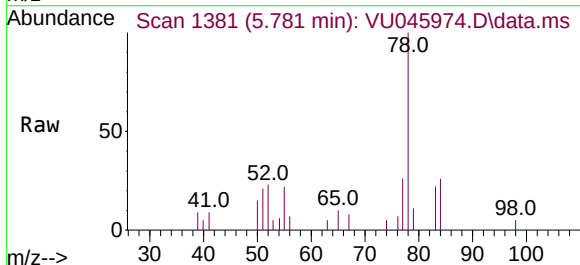
RT: 5.781 min Scan# 1381

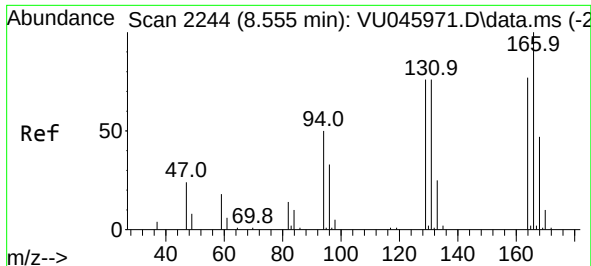
Delta R.T. 0.003 min

Lab File: VU045974.D

Acq: 23 Nov 2021 22:59

Tgt Ion: 78 Resp: 4707





#47

Tetrachloroethene

Concen: 1.304 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045974.D

Acq: 23 Nov 2021 22:59

Instrument :

MSVOA_U

ClientSampleId :

C0G52

Tgt Ion:164 Resp: 6436

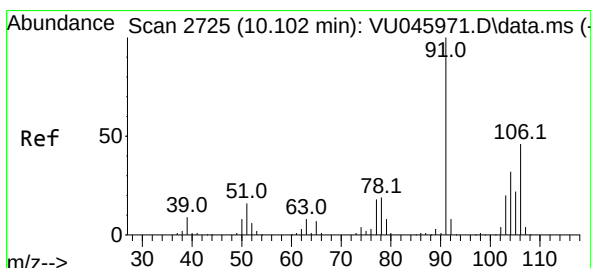
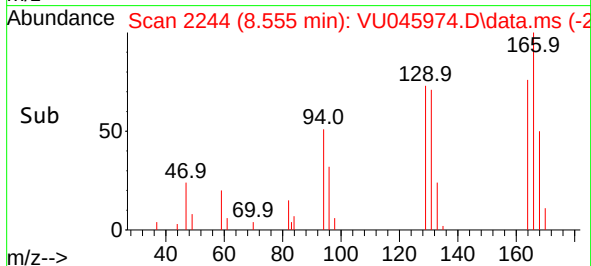
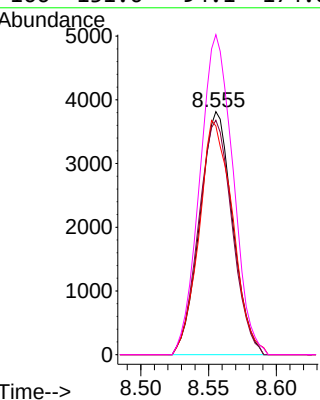
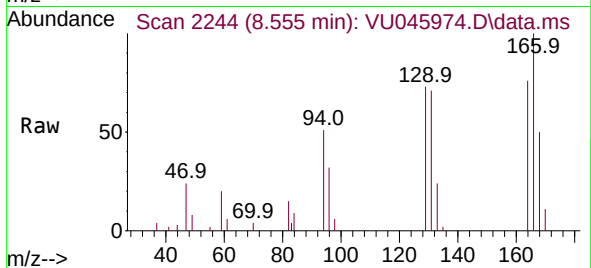
Ion Ratio Lower Upper

164 100

129 96.4 71.8 133.4

131 94.1 68.5 127.3

166 131.6 94.1 174.8



#54

o-Xylene

Concen: 0.145 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VU045974.D

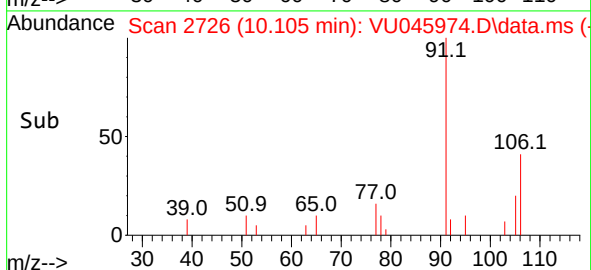
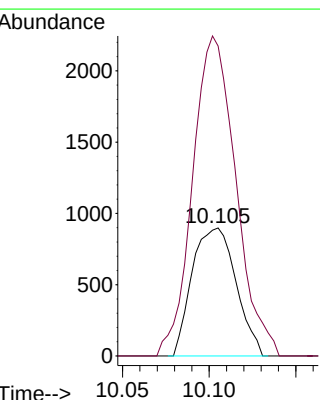
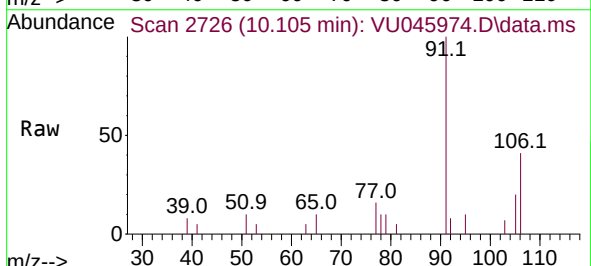
Acq: 23 Nov 2021 22:59

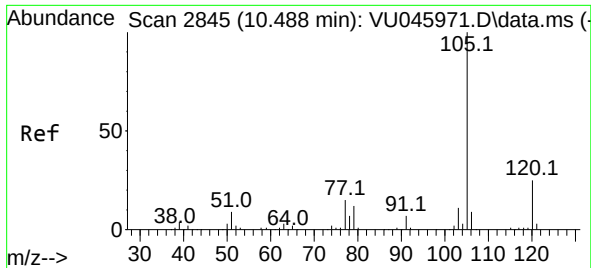
Tgt Ion:106 Resp: 1582

Ion Ratio Lower Upper

106 100

91 242.1 147.5 273.9





#60
 Isopropylbenzene
 Concen: 0.343 ug/L
 RT: 10.488 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045974.D
 Acq: 23 Nov 2021 22:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G52

Tgt Ion:	105	Resp:	9663
Ion Ratio	Lower	Upper	
105	100		
120	26.8	20.7	31.1
77	17.2	12.6	19.0

