

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047172.D
 Acq On : 16 Feb 2022 19:39
 Operator : SY/MD
 Sample : N1558-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M63

Quant Time: Feb 17 04:08:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

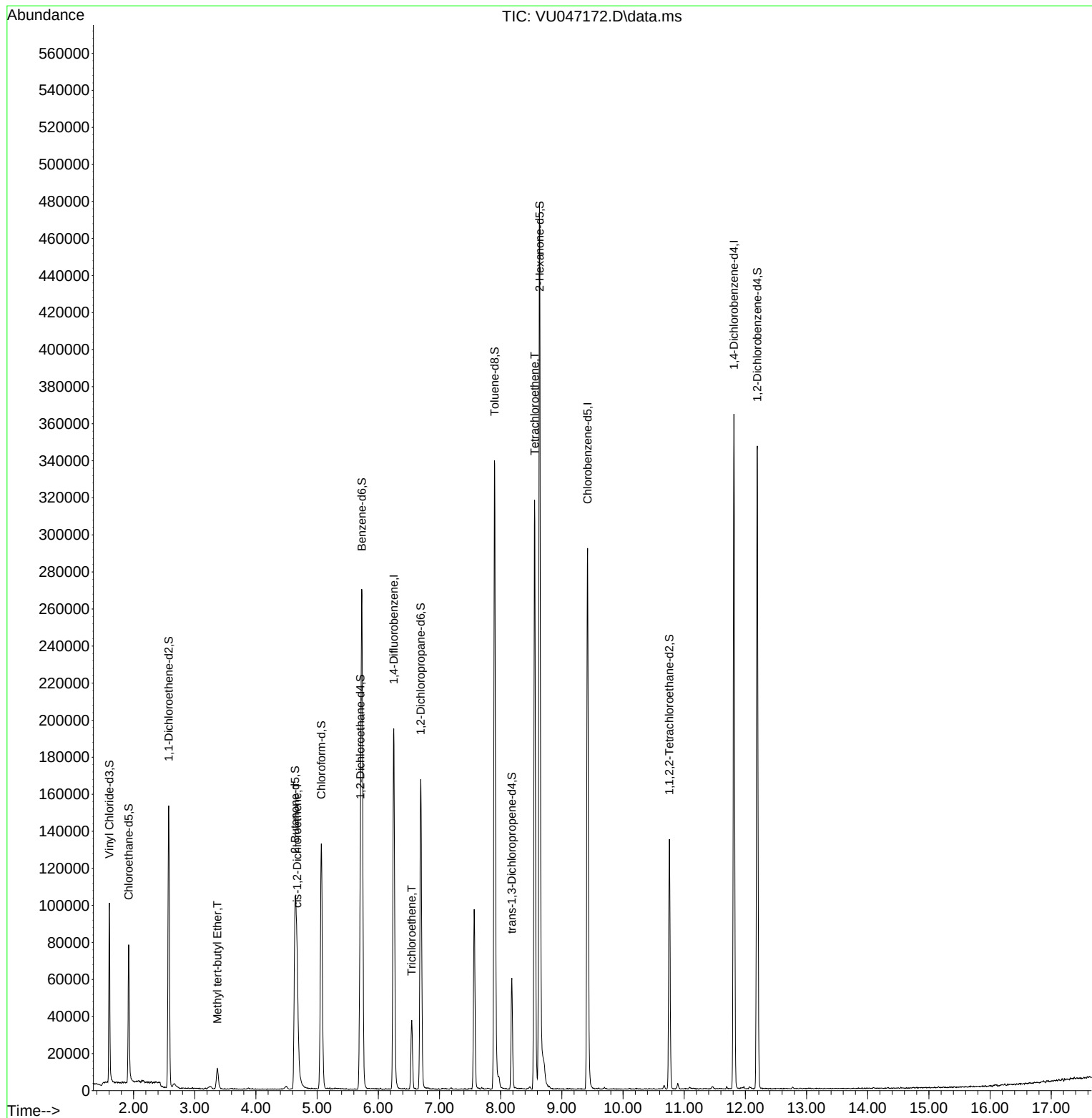
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	168679	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	172859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71167	4.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.919	69	57458	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.575	65	28474	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.642	46	202905	59.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.180%
24) Chloroform-d	5.070	84	121956	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.707	65	66781	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.732	84	255562	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.694	67	81767	5.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.899	98	241716	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.182	79	33066	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.636	63	177052	48.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	67332	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	94752	5.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
17) Methyl tert-butyl Ether	3.369	73	12701	0.419	ug/L	# 96
22) cis-1,2-Dichloroethene	4.674	96	16819	1.288	ug/L	96
34) Trichloroethene	6.546	95	12635	0.964	ug/L	95
47) Tetrachloroethene	8.555	164	74333	6.992	ug/L	94

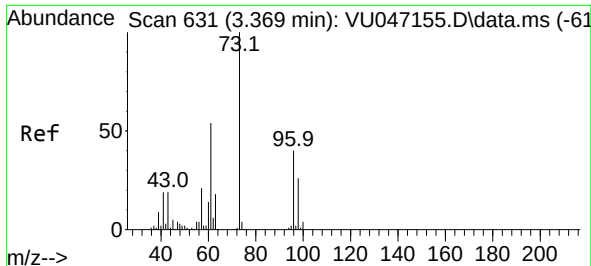
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.419 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047172.D

Acq: 16 Feb 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

F4M63

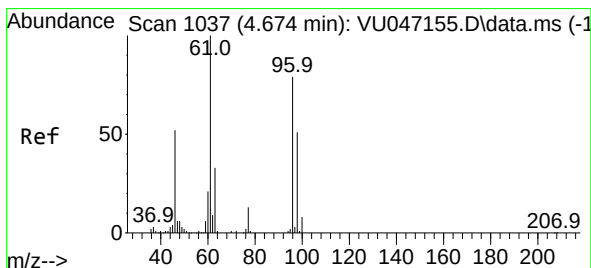
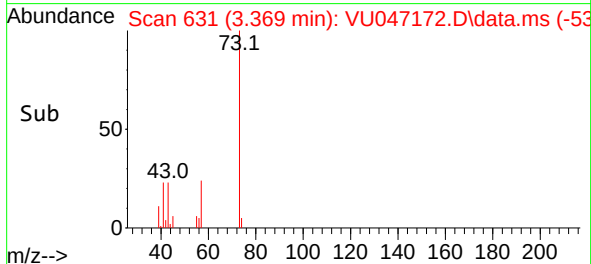
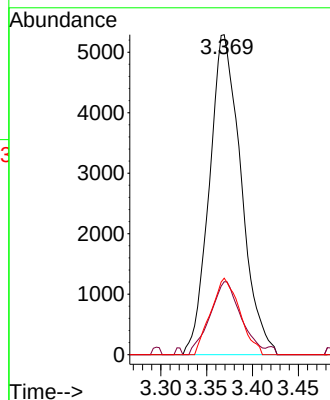
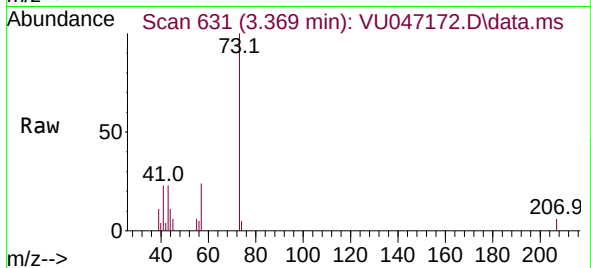
Tgt Ion: 73 Resp: 12701

Ion Ratio Lower Upper

73 100

43 22.4 14.8 22.2#

57 21.8 17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 1.288 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

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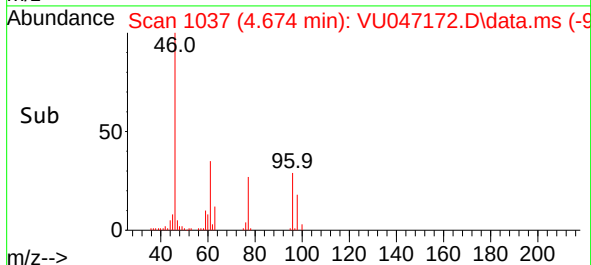
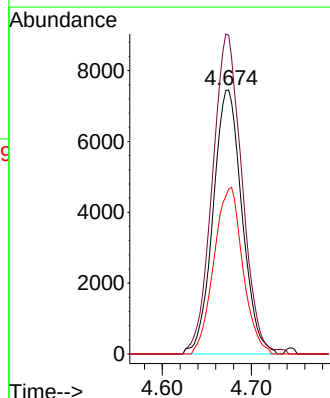
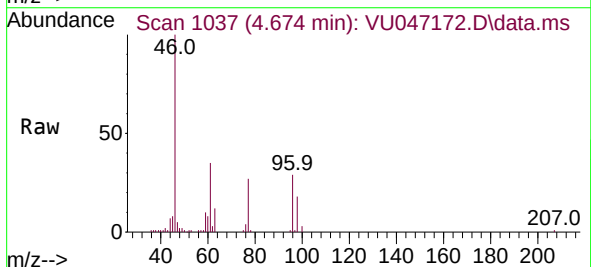
Tgt Ion: 96 Resp: 16819

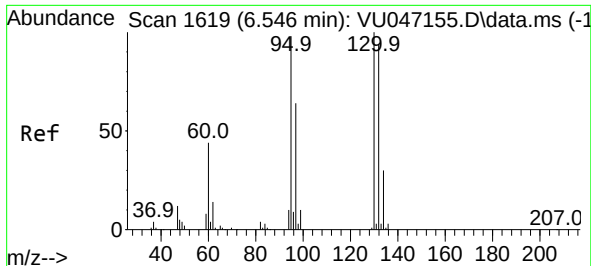
Ion Ratio Lower Upper

96 100

61 120.8 88.5 164.3

98 62.4 44.4 82.5

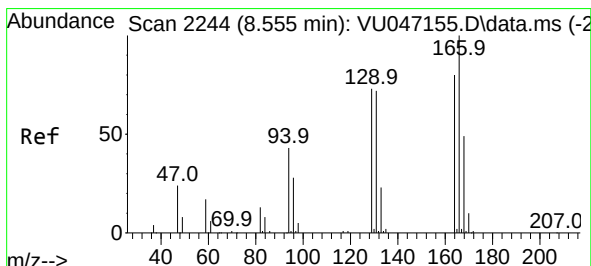
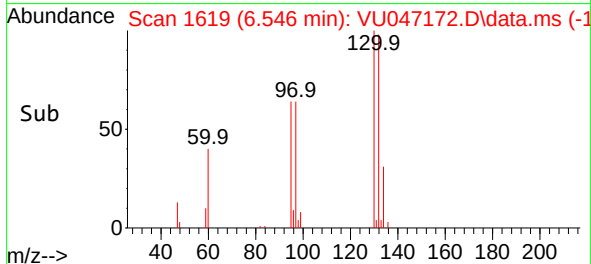
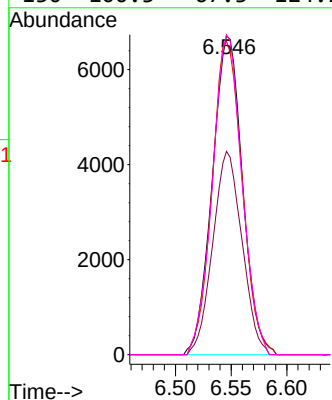
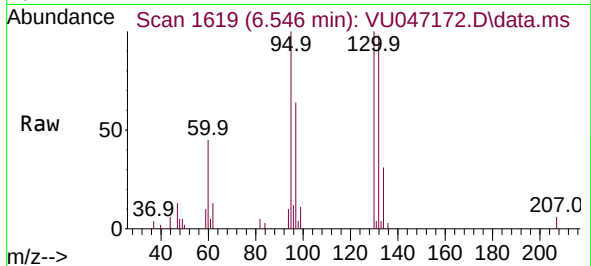




#34
Trichloroethene
Concen: 0.964 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
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Tgt Ion:	95	Resp:	12635
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.5	86.5
132	98.4	65.1	120.9
130	100.3	67.3	124.9



#47
Tetrachloroethene
Concen: 6.992 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047172.D
Acq: 16 Feb 2022 19:39

Tgt Ion:	164	Resp:	74333
Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.8	133.4
131	92.2	68.5	127.3
166	128.5	94.1	174.8

