

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
 Data File : VU046706.D
 Acq On : 08 Jan 2022 15:13
 Operator : SY/MD
 Sample : N1077-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW2

Quant Time: Jan 10 00:40:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

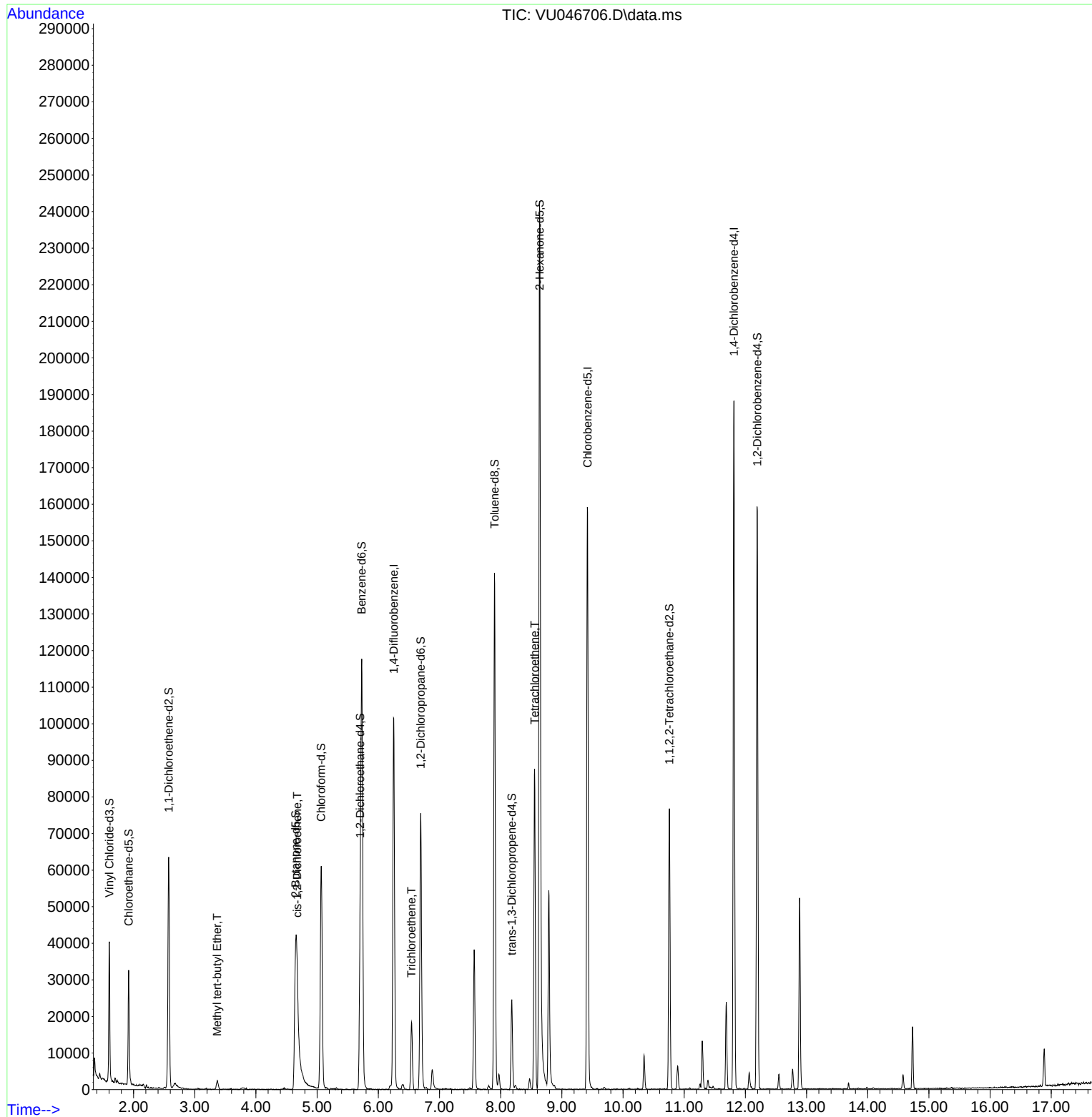
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	84548	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27114	4.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.919	69	23888	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.575	65	11589	4.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.649	46	98698	51.093	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	5.067	84	59333	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.703	65	34746	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.729	84	111699	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.694	67	35930	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.899	98	94591	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.182	79	15101	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.636	63	100488	47.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38136	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	42310	4.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
17) Methyl tert-butyl Ether	3.366	73	2932	0.135	ug/L	# 91
22) cis-1,2-Dichloroethene	4.674	96	3797	0.438	ug/L	95
34) Trichloroethene	6.543	95	5989	0.619	ug/L	94
47) Tetrachloroethene	8.555	164	19521	2.853	ug/L	93

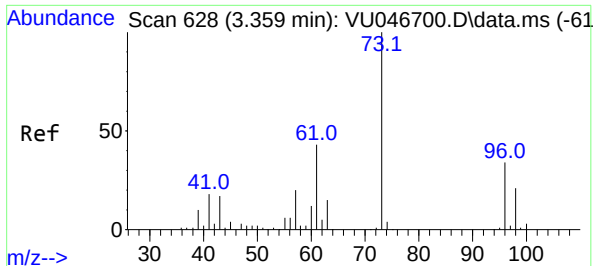
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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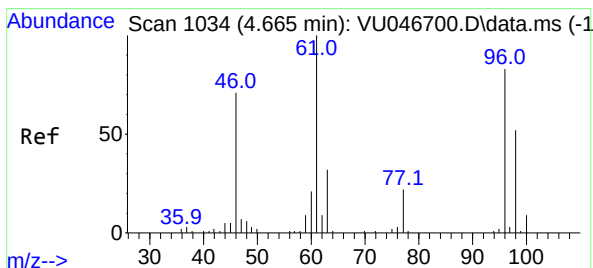
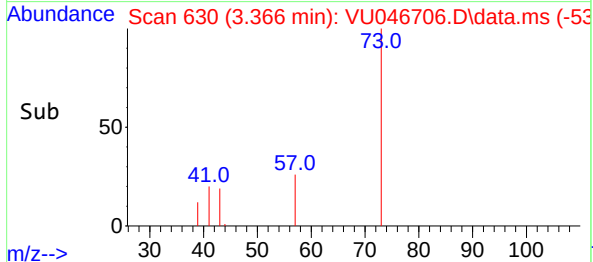
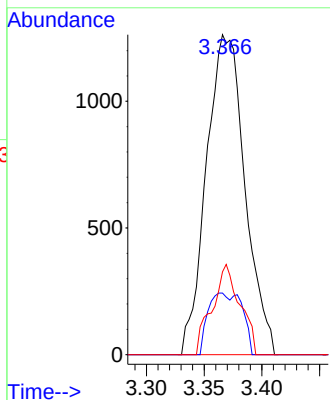
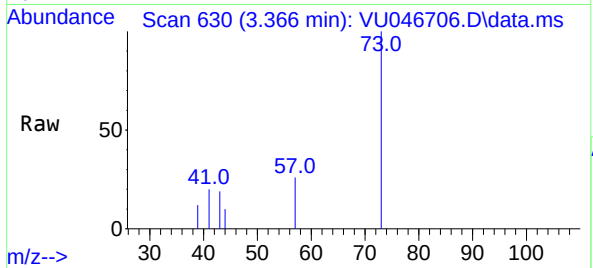




#17
Methyl tert-butyl Ether
Concen: 0.135 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU046706.D
Acq: 08 Jan 2022 15:13

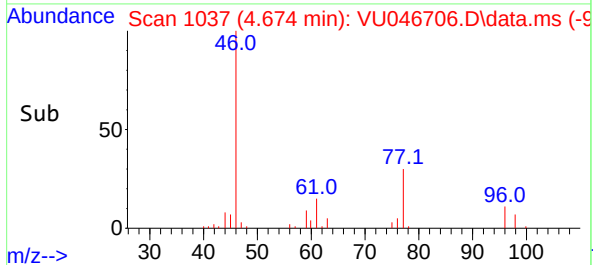
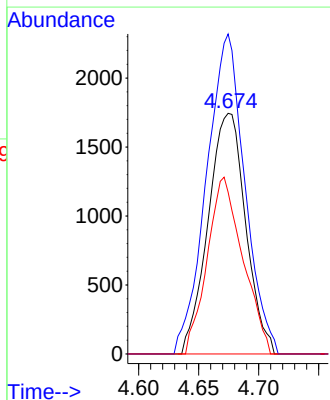
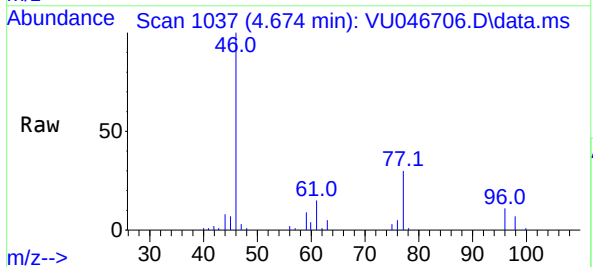
Instrument :
MSVOA_U
ClientSampleId :
BFXW2

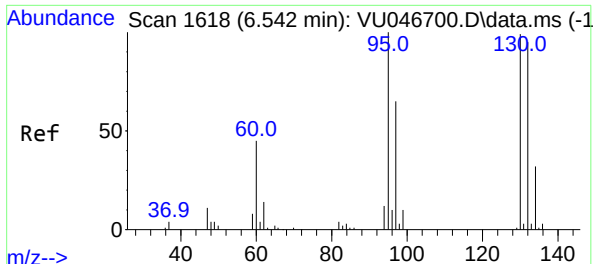
Tgt Ion: 73 Resp: 2932
Ion Ratio Lower Upper
73 100
43 10.9 14.8 22.2#
57 20.4 17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 0.438 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VU046706.D
Acq: 08 Jan 2022 15:13

Tgt Ion: 96 Resp: 3797
Ion Ratio Lower Upper
96 100
61 133.0 88.5 164.3
98 67.2 44.4 82.5



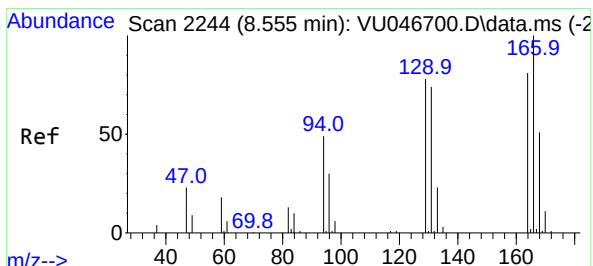
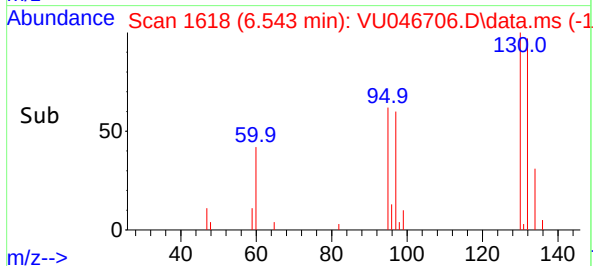
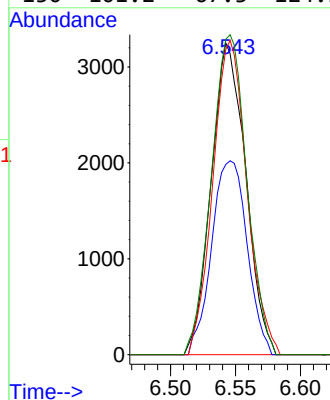
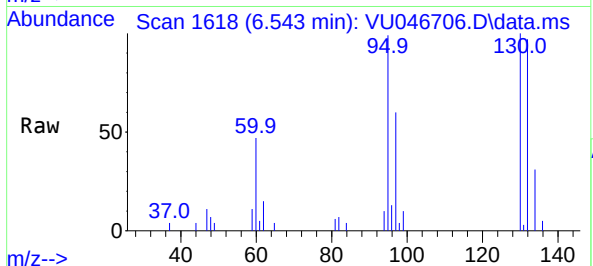


#34
Trichloroethene
Concen: 0.619 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046706.D
Acq: 08 Jan 2022 15:13

Instrument :
MSVOA_U
ClientSampleId :
BFXW2

Tgt Ion: 95 Resp: 5989

Ion	Ratio	Lower	Upper
95	100		
97	61.1	46.5	86.5
132	98.0	65.1	120.9
130	101.2	67.3	124.9



#47
Tetrachloroethene
Concen: 2.853 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046706.D
Acq: 08 Jan 2022 15:13

Tgt Ion: 164 Resp: 19521

Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.8	133.4
131	92.6	68.5	127.3
166	125.6	94.1	174.8

