

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045812.D
 Acq On : 16 Nov 2021 17:14
 Operator : SY/MD
 Sample : M4686-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z5

Quant Time: Nov 17 04:51:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

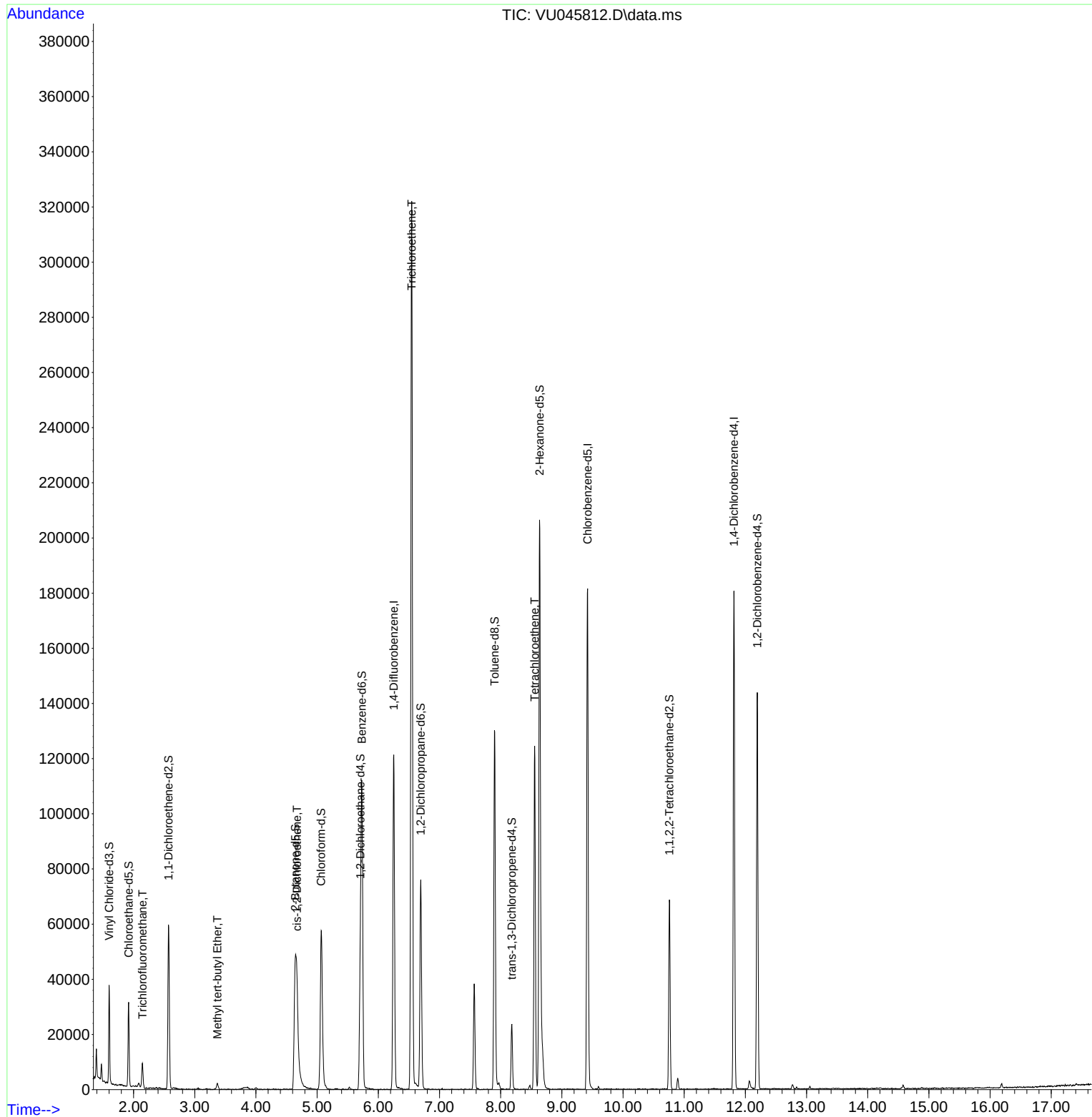
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24249	3.159	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.200%	
7) Chloroethane-d5	1.919	69	21534	3.854	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.572	65	10853	3.371	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	4.646	46	108155	52.578	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.160%	
24) Chloroform-d	5.067	84	51743	4.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	5.707	65	31649	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
32) Benzene-d6	5.732	84	106318	3.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.800%	
36) 1,2-Dichloropropane-d6	6.694	67	36232	4.102	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.899	98	88074	3.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	13585	3.789	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.800%	
46) 2-Hexanone-d5	8.636	63	73652	45.641	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.280%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33509	4.491	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36318	4.497	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	5929	0.547	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	2483	0.159	ug/L #	92
22) cis-1,2-Dichloroethene	4.671	96	6992	1.003	ug/L	99
34) Trichloroethene	6.546	95	110742	15.132	ug/L	99
47) Tetrachloroethene	8.555	164	26360	5.145	ug/L	97

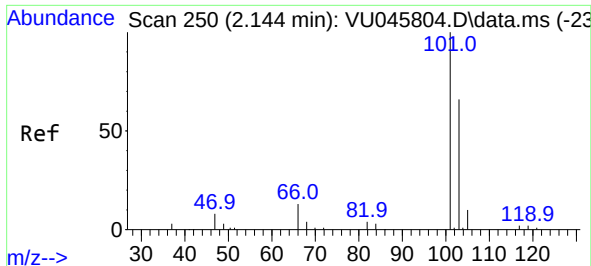
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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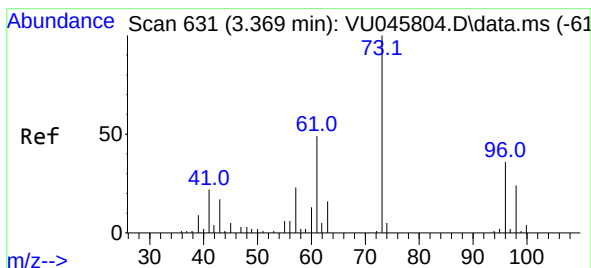
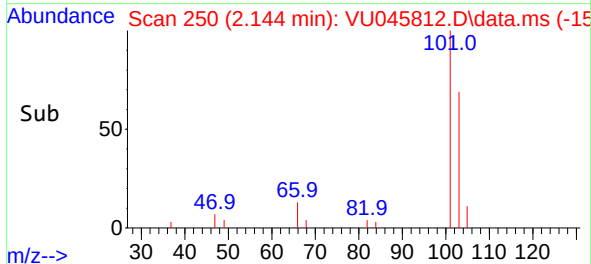
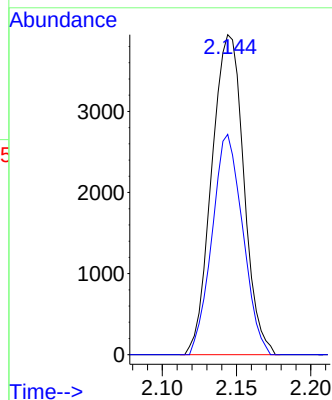
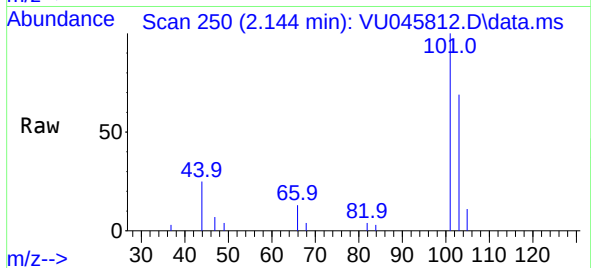




#9
 Trichlorofluoromethane
 Concen: 0.547 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

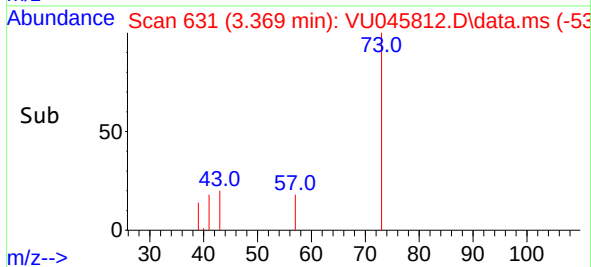
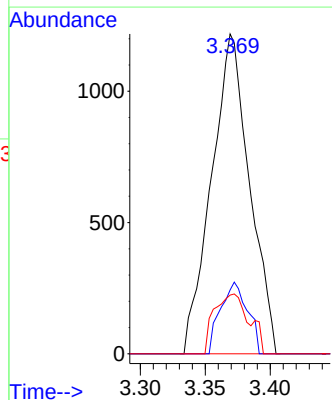
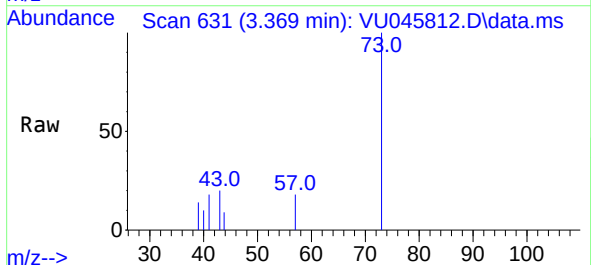
Instrument :
 MSVOA_U
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 BG1Z5

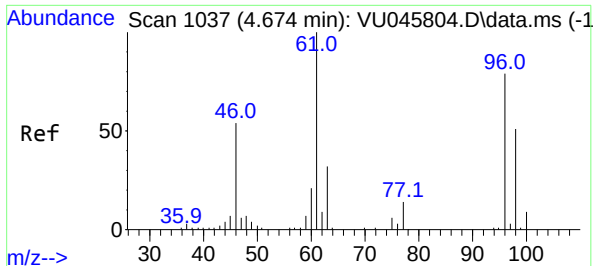
Tgt Ion:101 Resp: 5929
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.5 77.3



#17
 Methyl tert-butyl Ether
 Concen: 0.159 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

Tgt Ion: 73 Resp: 2483
 Ion Ratio Lower Upper
 73 100
 43 15.9 14.8 22.2
 57 17.1 17.4 26.0#

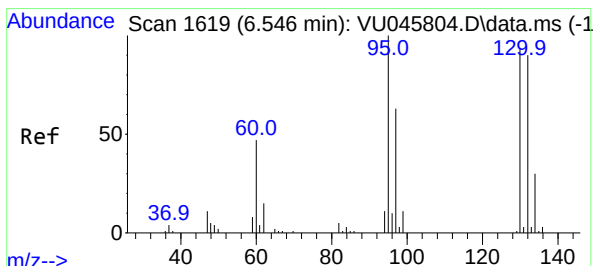
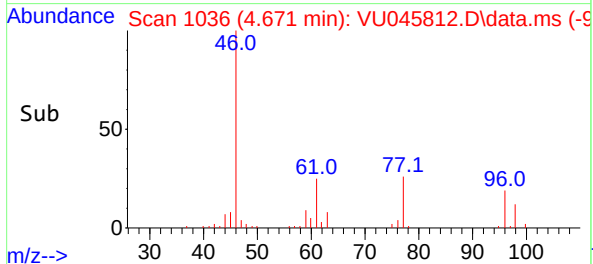
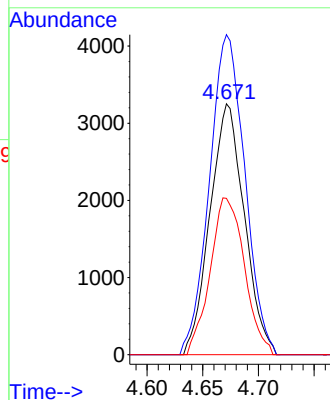
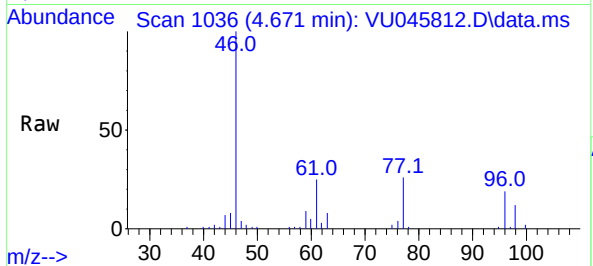




#22
 cis-1,2-Dichloroethene
 Concen: 1.003 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

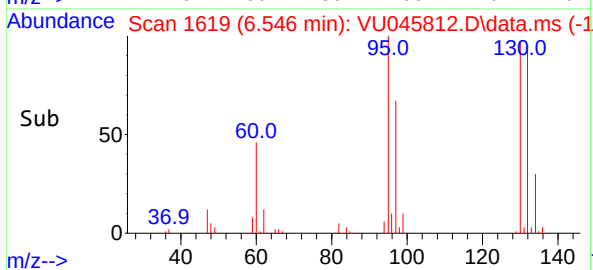
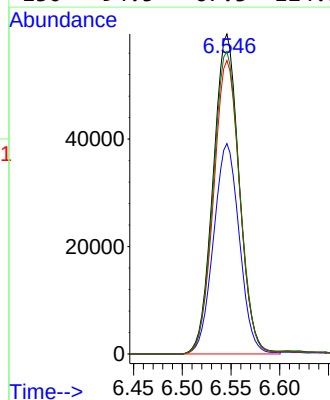
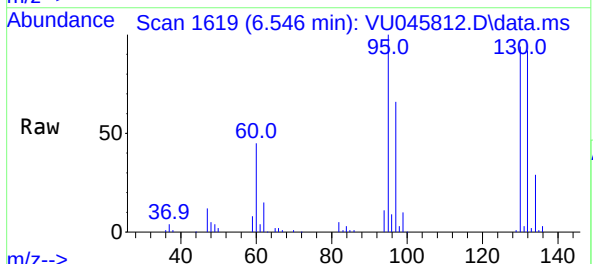
Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z5

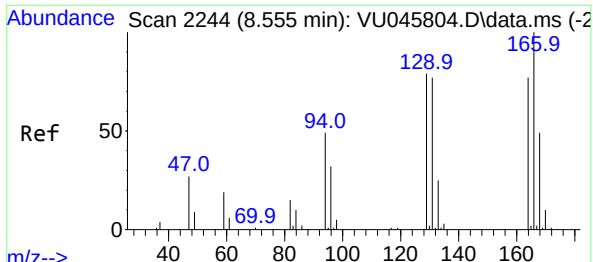
Tgt Ion:	96	Resp:	6992
Ion	Ratio	Lower	Upper
96	100		
61	127.5	88.5	164.3
98	62.3	44.4	82.5



#34
 Trichloroethene
 Concen: 15.132 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

Tgt Ion:	95	Resp:	110742
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.5	86.5
132	91.7	65.1	120.9
130	94.5	67.3	124.9





#47
 Tetrachloroethene
 Concen: 5.145 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z5

Tgt Ion:164 Resp: 26360

Ion	Ratio	Lower	Upper
164	100		
129	103.7	71.8	133.4
131	98.8	68.5	127.3
166	127.8	94.1	174.8

