

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051917.D
 Acq On : 18 Nov 2022 21:41
 Operator : JC/MD
 Sample : N5684-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H6

Quant Time: Nov 19 00:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

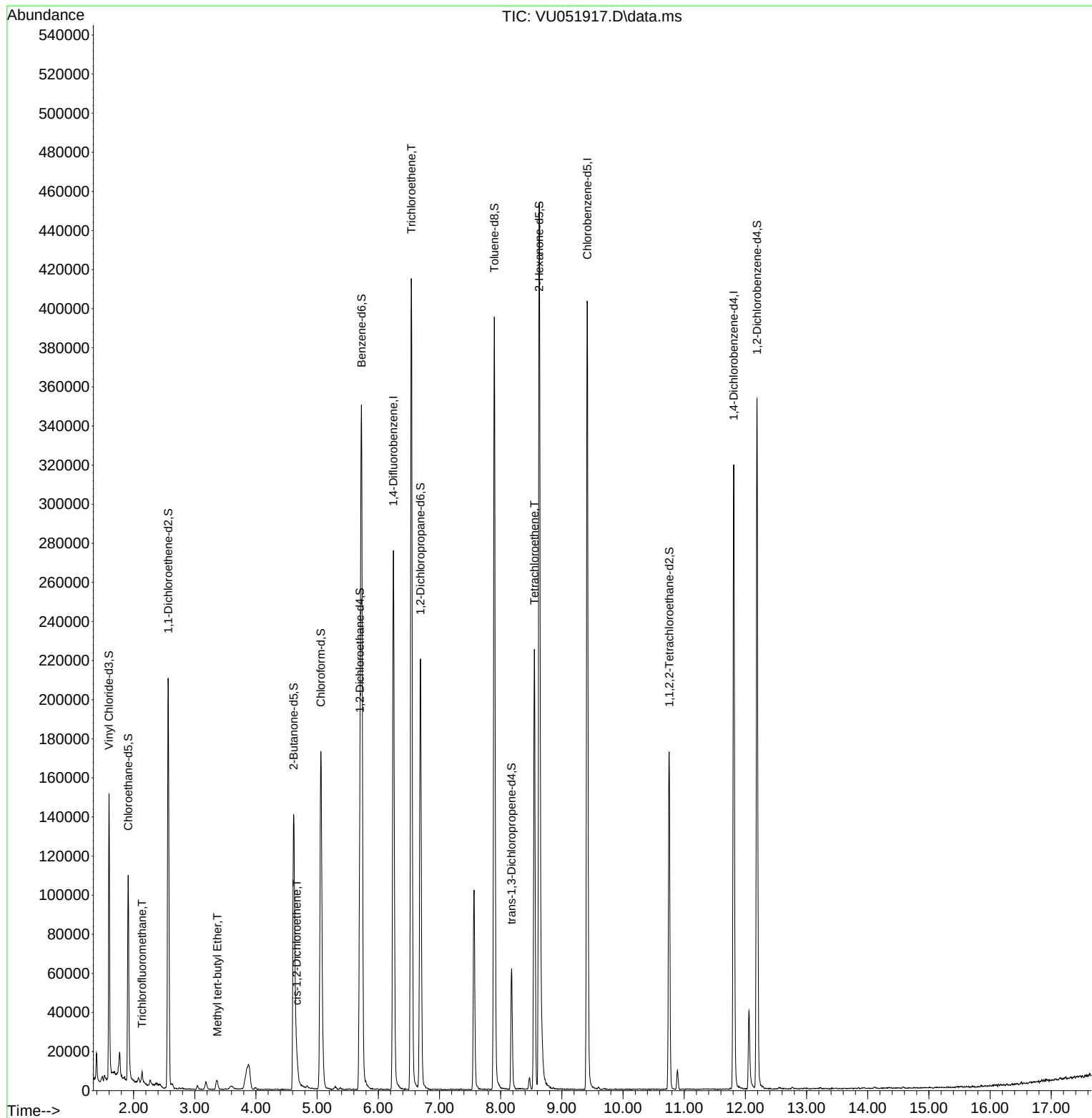
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111483	4.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.912	69	89549	5.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.565	65	39511	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.617	46	198247	48.992	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.980%
24) Chloroform-d	5.060	84	161090	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.700	65	86896	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.726	84	349333	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.687	67	112309	5.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	282132	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.179	79	36560	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.629	63	157707	46.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92321	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	98795	5.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	3701	0.135	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	5606	0.150	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	4752	0.254	ug/L	86
34) Trichloroethene	6.539	95	149188	7.768	ug/L	97
47) Tetrachloroethene	8.552	164	52852	3.591	ug/L	98

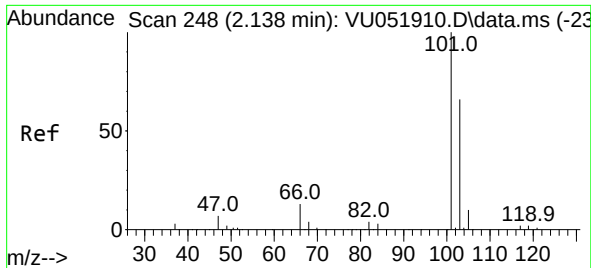
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

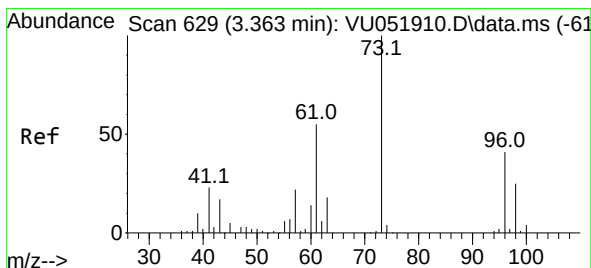
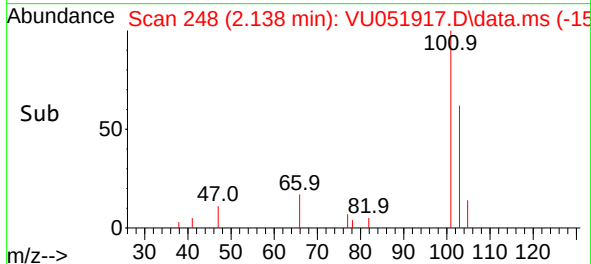
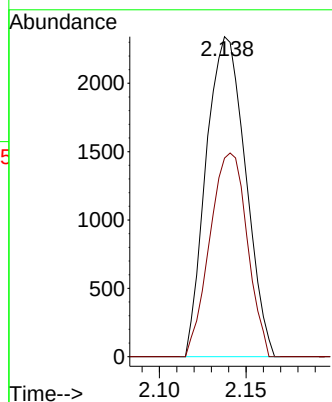
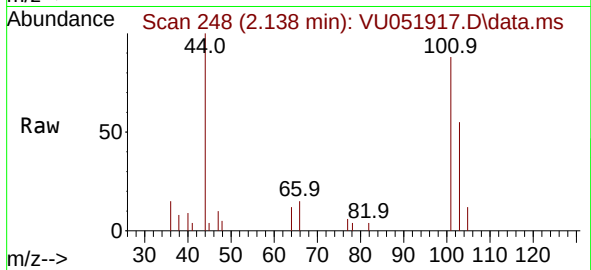




#9
Trichlorofluoromethane
Concen: 0.135 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051917.D
Acq: 18 Nov 2022 21:41

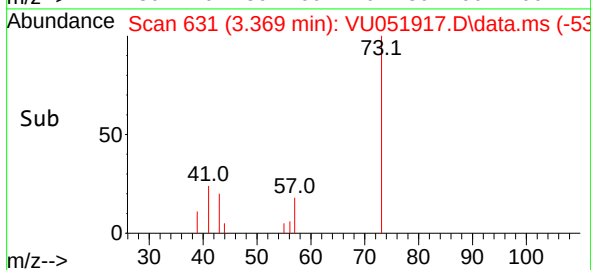
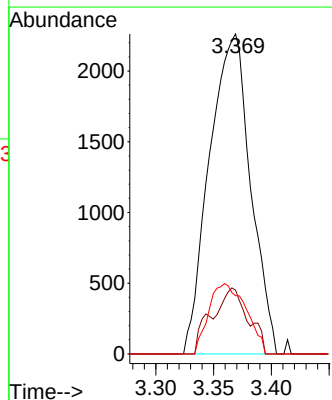
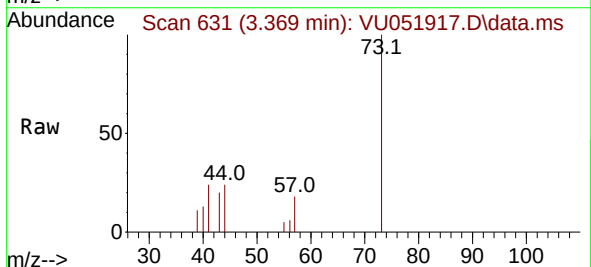
Instrument :
MSVOA_U
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BH1H6

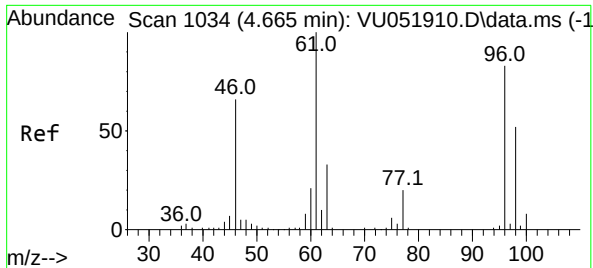
Tgt Ion:101 Resp: 3701
Ion Ratio Lower Upper
101 100
103 60.5 51.6 77.4



#17
Methyl tert-butyl Ether
Concen: 0.150 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.006 min
Lab File: VU051917.D
Acq: 18 Nov 2022 21:41

Tgt Ion: 73 Resp: 5606
Ion Ratio Lower Upper
73 100
43 14.0 13.2 19.8
57 19.9 17.8 26.8

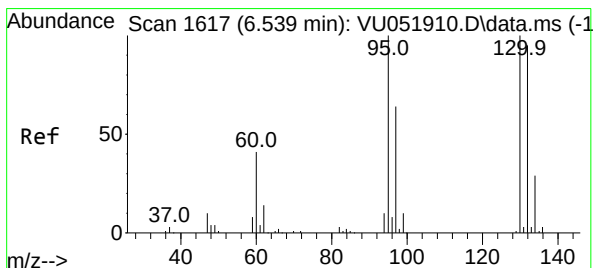
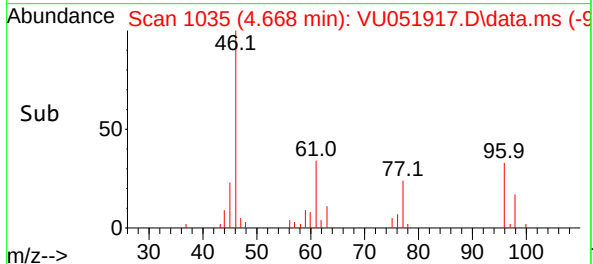
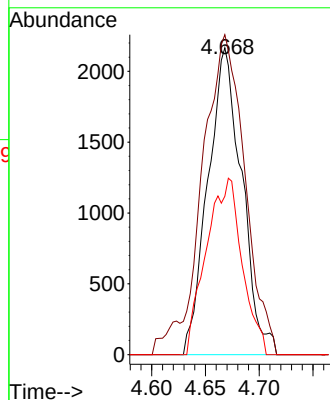
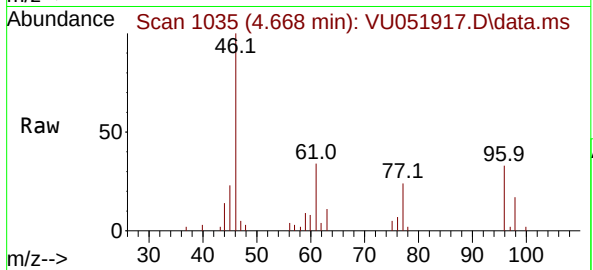




#22
cis-1,2-Dichloroethene
Concen: 0.254 ug/L
RT: 4.668 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU051917.D
Acq: 18 Nov 2022 21:41

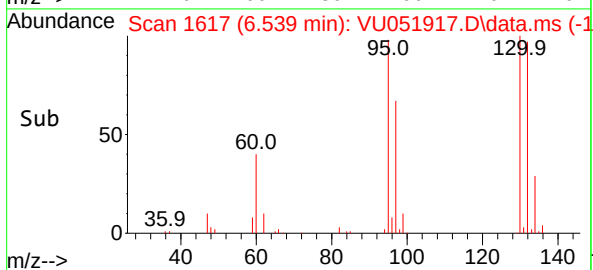
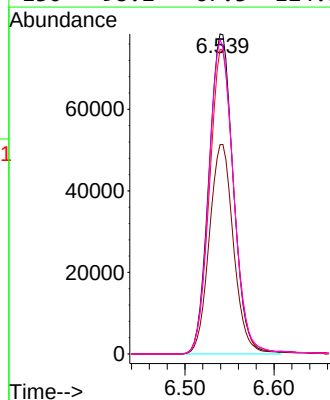
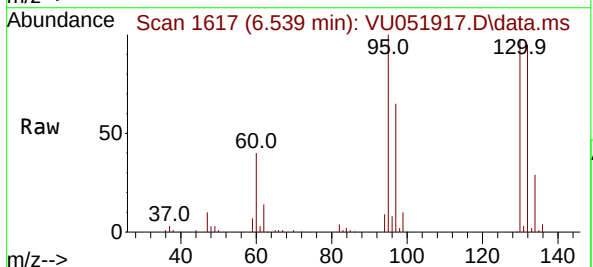
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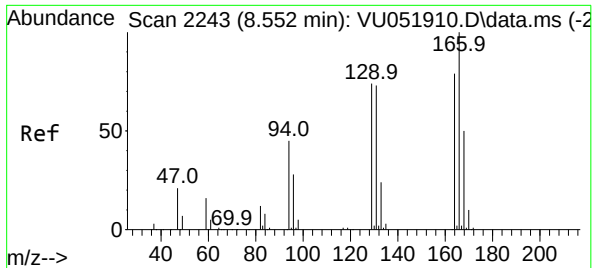
Tgt Ion: 96 Resp: 4752
Ion Ratio Lower Upper
96 100
61 104.3 85.1 158.1
98 51.6 42.8 79.6



#34
Trichloroethene
Concen: 7.768 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051917.D
Acq: 18 Nov 2022 21:41

Tgt Ion: 95 Resp: 149188
Ion Ratio Lower Upper
95 100
97 65.4 43.7 81.1
132 95.2 64.3 119.3
130 98.2 67.3 124.9





#47

Tetrachloroethene

Concen: 3.591 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051917.D

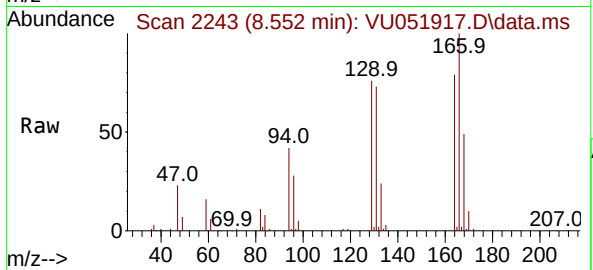
Acq: 18 Nov 2022 21:41

Instrument :

MSVOA_U

ClientSampleId :

BH1H6



Tgt Ion:164 Resp: 52852

Ion Ratio Lower Upper

164 100

129 95.7 67.4 125.2

131 92.6 67.1 124.7

166 126.4 89.7 166.5

