

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051916.D
 Acq On : 18 Nov 2022 21:14
 Operator : JC/MD
 Sample : N5684-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H5

Quant Time: Nov 19 00:50:19 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)

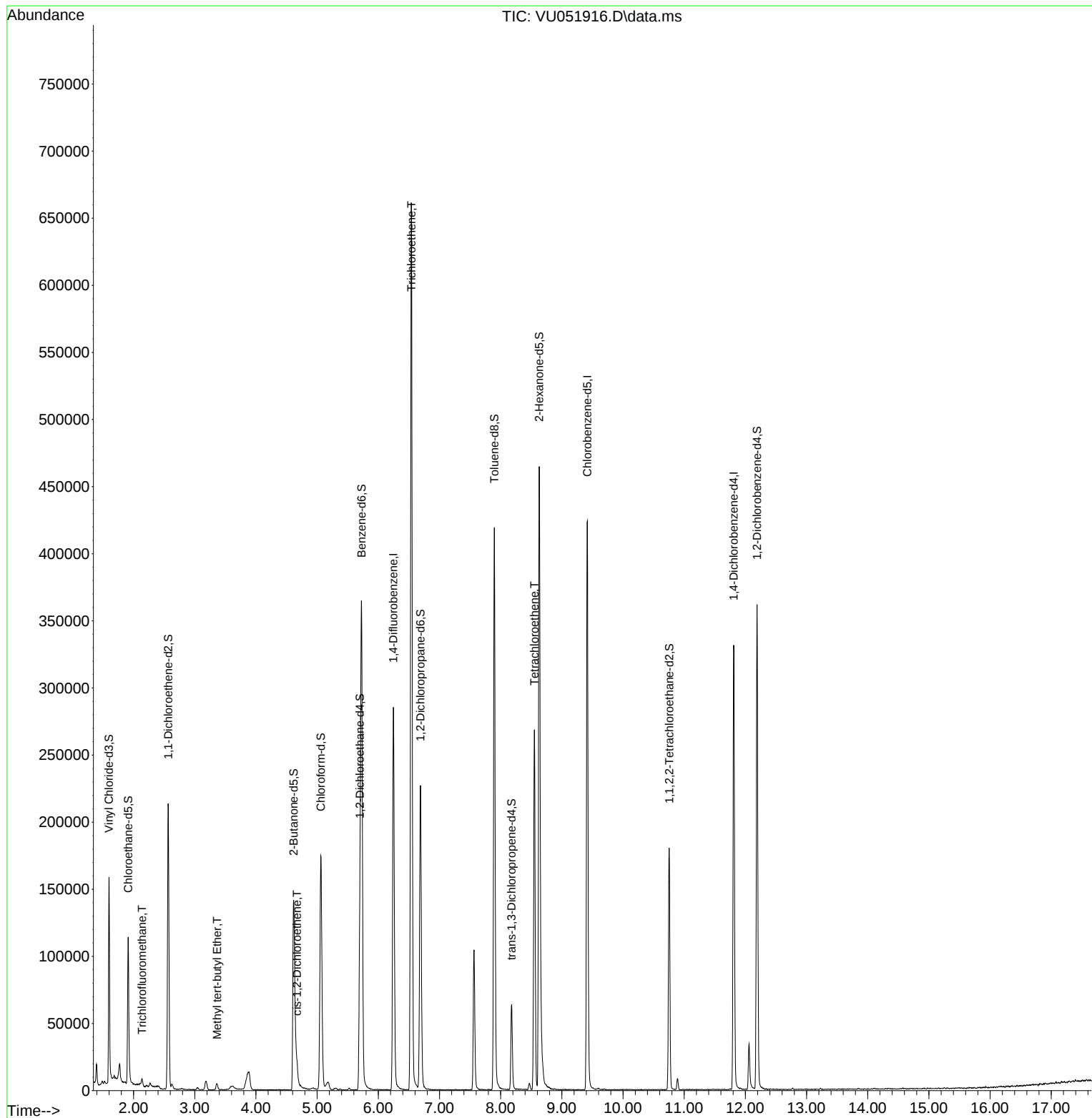
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	236666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	246742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	114491	4.973	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.912	69	90965	5.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.565	65	41323	5.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	4.616	46	204446	48.995	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.000%	
24) Chloroform-d	5.060	84	165351	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.700	65	87028	5.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.726	84	361016	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.690	67	116004	5.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.896	98	289724	4.371	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.179	79	37737	4.568	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.629	63	163351	46.658	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.320%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94590	4.812	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	99441	5.555	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						
9) Trichlorofluoromethane	2.137	101	2843	0.100	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	4542	0.118	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	6087	0.315	ug/L	93
34) Trichloroethene	6.539	95	235527	11.759	ug/L	98
47) Tetrachloroethene	8.552	164	62428	4.067	ug/L	99

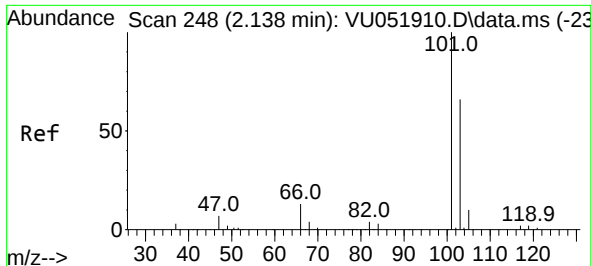
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051916.D
Acq On : 18 Nov 2022 21:14
Operator : JC/MD
Sample : N5684-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1H5

Quant Time: Nov 19 00:50:19 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

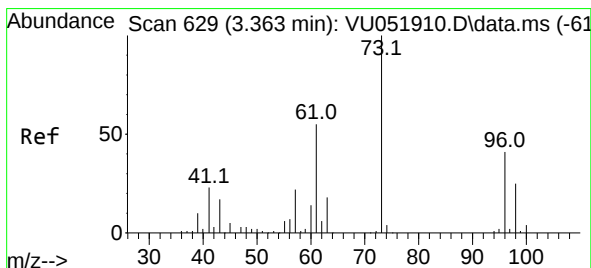
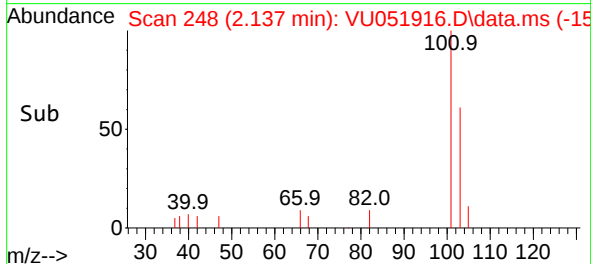
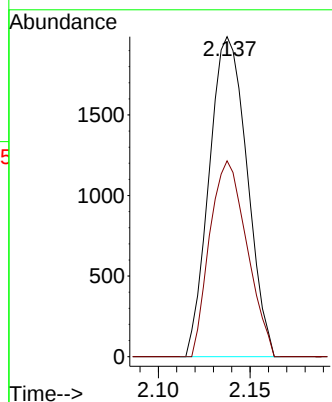
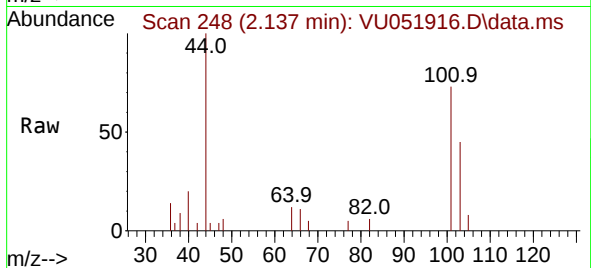




#9
 Trichlorofluoromethane
 Concen: 0.100 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VU051916.D
 Acq: 18 Nov 2022 21:14

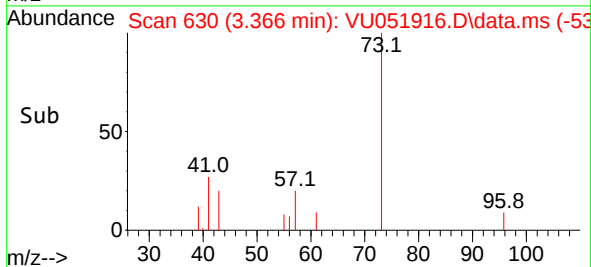
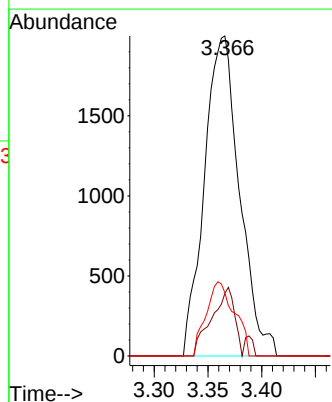
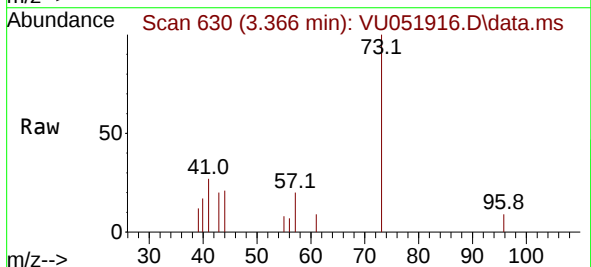
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H5

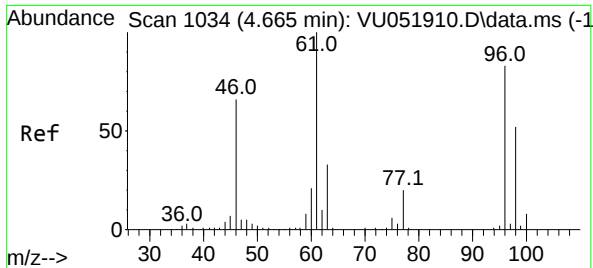
Tgt Ion:101 Resp: 2843
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.118 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. 0.003 min
 Lab File: VU051916.D
 Acq: 18 Nov 2022 21:14

Tgt Ion: 73 Resp: 4542
 Ion Ratio Lower Upper
 73 100
 43 13.9 13.2 19.8
 57 18.7 17.8 26.8

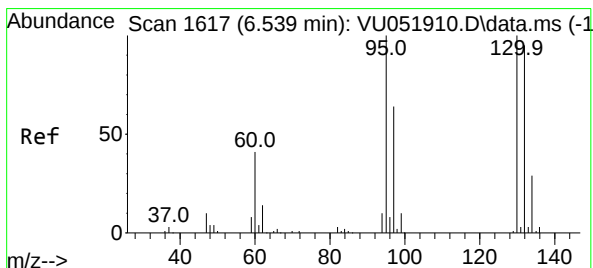
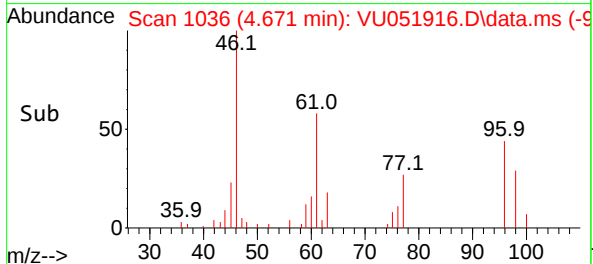
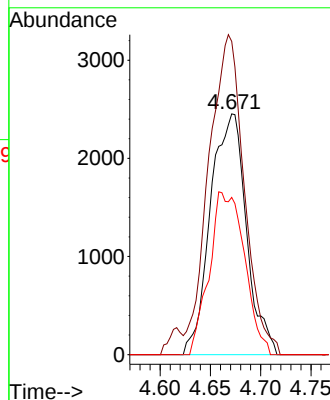
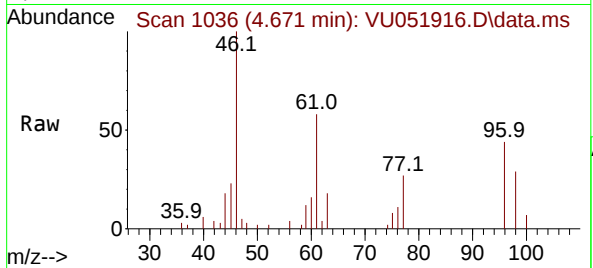




#22
cis-1,2-Dichloroethene
Concen: 0.315 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

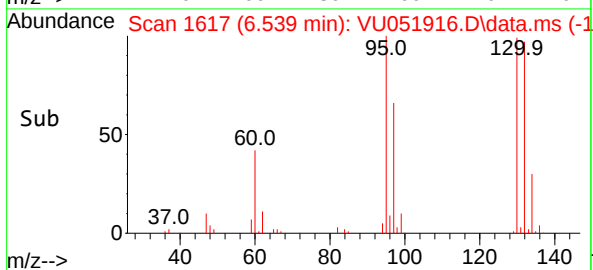
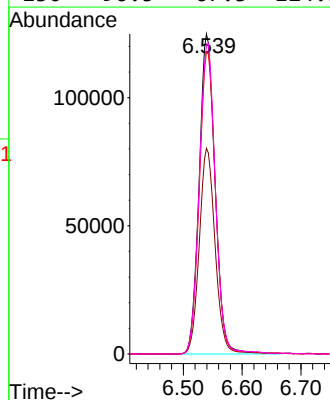
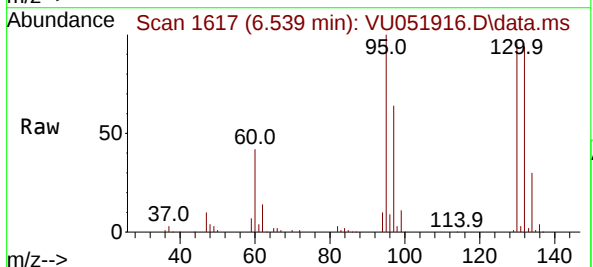
Instrument :
MSVOA_U
ClientSampleId :
BH1H5

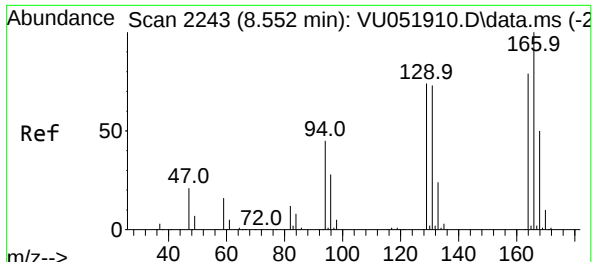
Tgt Ion: 96 Resp: 6087
Ion Ratio Lower Upper
96 100
61 130.1 85.1 158.1
98 65.3 42.8 79.6



#34
Trichloroethene
Concen: 11.759 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051916.D
Acq: 18 Nov 2022 21:14

Tgt Ion: 95 Resp: 235527
Ion Ratio Lower Upper
95 100
97 64.2 43.7 81.1
132 94.4 64.3 119.3
130 96.5 67.3 124.9





#47

Tetrachloroethene

Concen: 4.067 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051916.D

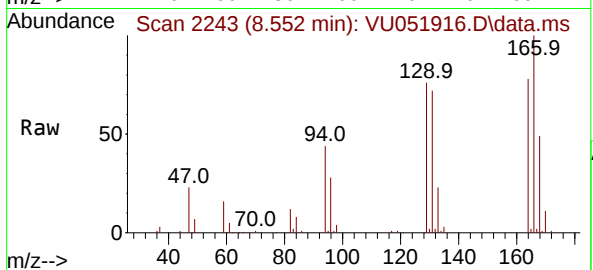
Acq: 18 Nov 2022 21:14

Instrument :

MSVOA_U

ClientSampleId :

BH1H5



Tgt Ion:164 Resp: 62428

Ion Ratio Lower Upper

164 100

129 96.5 67.4 125.2

131 91.8 67.1 124.7

166 127.8 89.7 166.5

