

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031997.D
 Acq On : 09 Sep 2023 13:50
 Operator : SY/MD
 Sample : 04267-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4D6

Quant Time: Sep 09 21:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

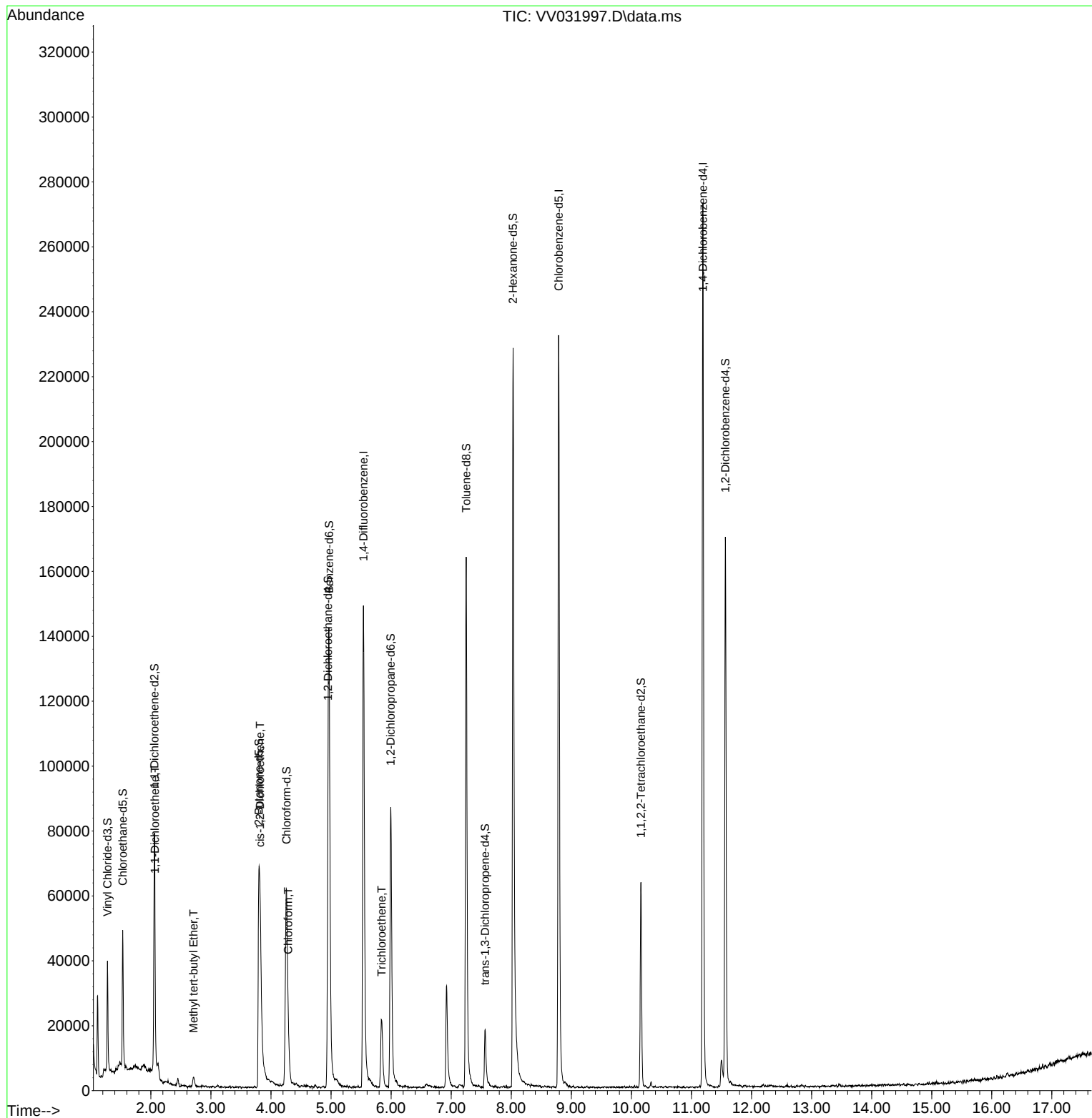
Internal Standards							
1) 1,4-Difluorobenzene		5.539	114	128482	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.789	117	126940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.191	152	69144	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.278	65	21744	5.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%	
7) Chloroethane-d5		1.532	69	26611	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2		2.060	65	12988	5.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5		3.799	46	108416	51.612	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%	
24) Chloroform-d		4.256	84	63249	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4		4.950	65	33575	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%	
32) Benzene-d6		4.966	84	128921	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6		5.992	67	44217	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%	
41) Toluene-d8		7.249	98	112483	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...		7.564	79	12182	3.280	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%	
46) 2-Hexanone-d5		8.030	63	85468	43.158	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.320%	
56) 1,1,2,2-Tetrachloroeth...		10.159	84	31562	4.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%	
66) 1,2-Dichlorobenzene-d4		11.564	152	41316	3.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.800%#	
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		2.069	96	1471	0.254	ug/L #	1
17) Methyl tert-butyl Ether		2.709	73	2810	0.157	ug/L #	90
22) cis-1,2-Dichloroethene		3.818	96	13869	1.836	ug/L	96
25) Chloroform		4.285	83	11770	0.855	ug/L	99
34) Trichloroethene		5.844	95	8009	0.937	ug/L	92

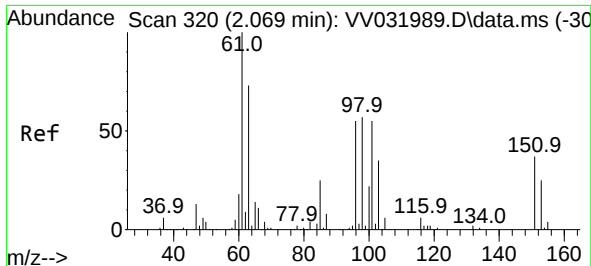
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.254 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031997.D

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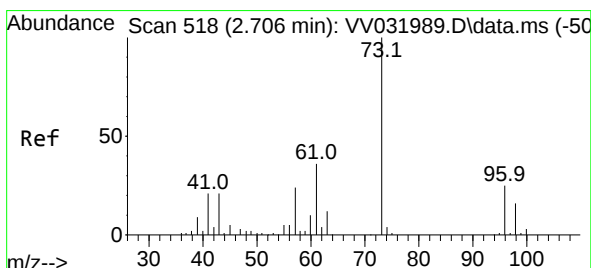
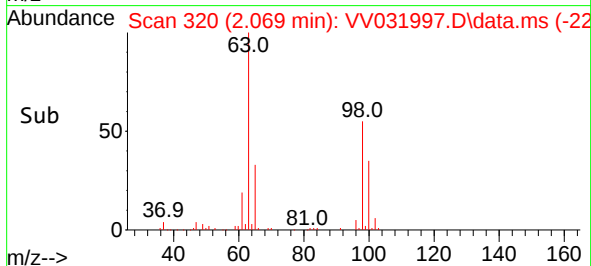
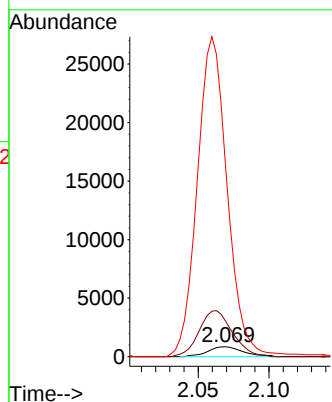
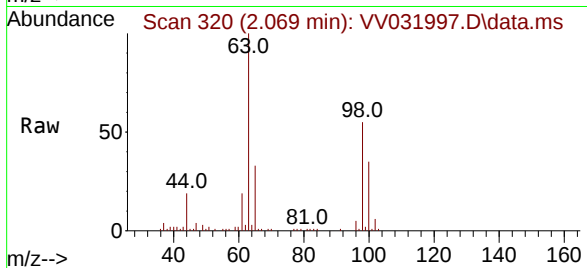
Tgt Ion: 96 Resp: 1471

Ion Ratio Lower Upper

96 100

61 361.0 129.0 239.6#

63 1932.9 99.0 183.8#



#17

Methyl tert-butyl Ether

Concen: 0.157 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV031997.D

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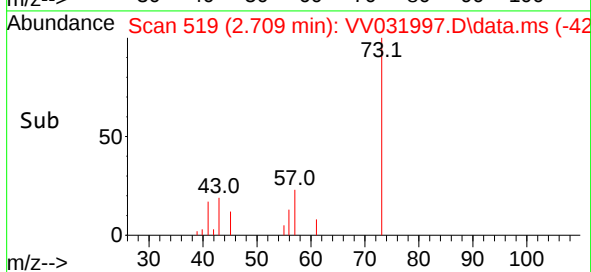
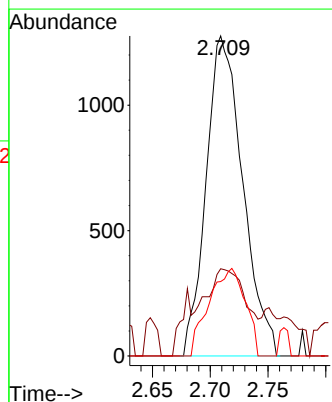
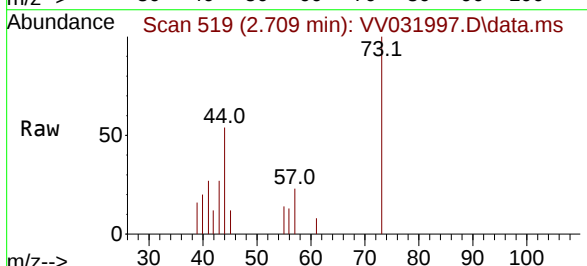
Tgt Ion: 73 Resp: 2810

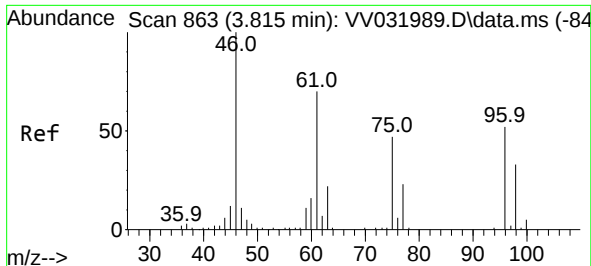
Ion Ratio Lower Upper

73 100

43 15.5 15.6 23.4#

57 27.2 17.8 26.8#

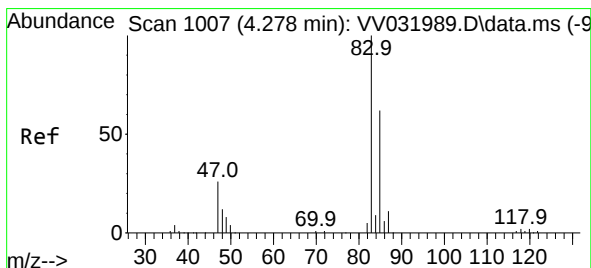
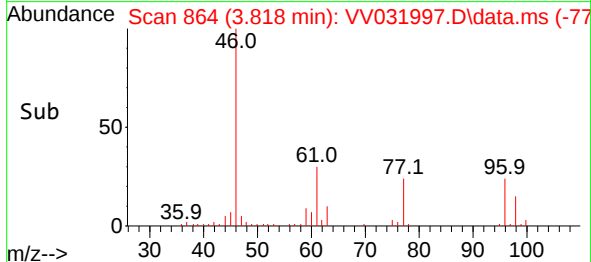
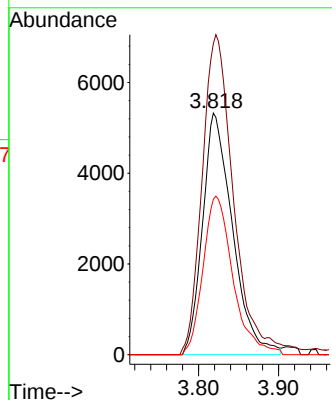
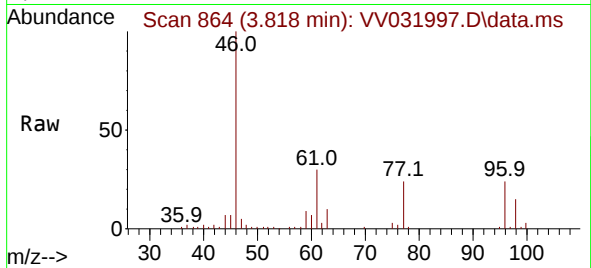




#22
 cis-1,2-Dichloroethene
 Concen: 1.836 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV031997.D
 Acq: 09 Sep 2023 13:50

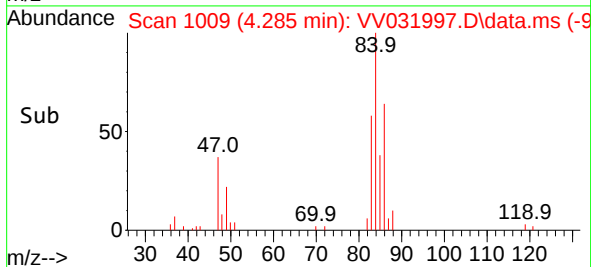
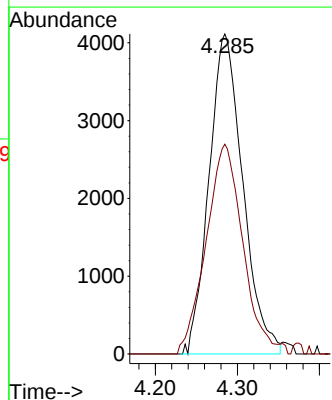
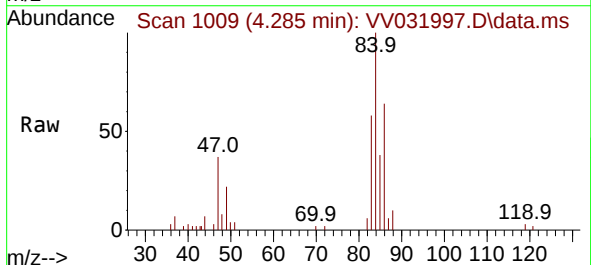
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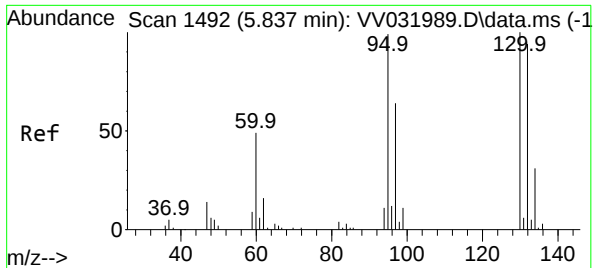
Tgt Ion: 96 Resp: 13869
 Ion Ratio Lower Upper
 96 100
 61 128.7 94.1 174.8
 98 64.3 43.8 81.4



#25
 Chloroform
 Concen: 0.855 ug/L
 RT: 4.285 min Scan# 1009
 Delta R.T. 0.007 min
 Lab File: VV031997.D
 Acq: 09 Sep 2023 13:50

Tgt Ion: 83 Resp: 11770
 Ion Ratio Lower Upper
 83 100
 85 65.6 46.4 86.2





#34
 Trichloroethene
 Concen: 0.937 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.007 min
 Lab File: VV031997.D
 Acq: 09 Sep 2023 13:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4D6

Tgt Ion: 95 Resp: 8009

Ion	Ratio	Lower	Upper
95	100		
97	58.0	47.7	88.7
132	83.0	63.8	118.4
130	92.8	68.7	127.5

