

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV031993.D
 Acq On : 09 Sep 2023 12:12
 Operator : SY/MD
 Sample : 04267-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4K2

Quant Time: Sep 09 21:53:35 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)

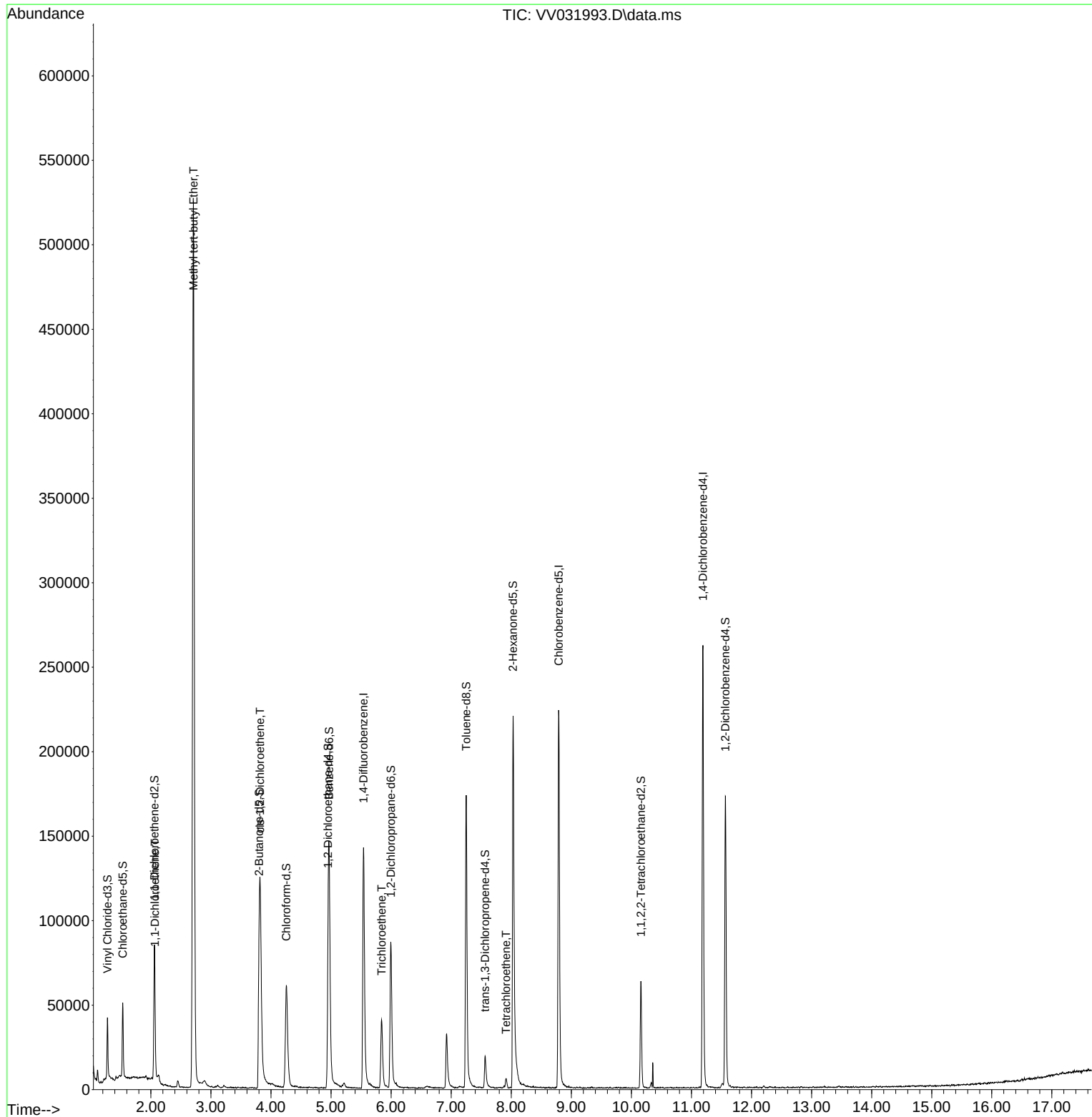
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23334	5.545	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.800%	
7) Chloroethane-d5	1.532	69	27504	5.705	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12954	5.230	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.600%	
20) 2-Butanone-d5	3.802	46	103499	50.806	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.620%	
24) Chloroform-d	4.256	84	64525	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	4.950	65	34479	4.698	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	4.966	84	135960	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	5.995	67	45415	4.627	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.249	98	118806	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.564	79	12575	3.513	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.200%	
46) 2-Hexanone-d5	8.030	63	83226	43.612	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.220%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31238	4.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	42062	3.971	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.400%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	2133	0.380	ug/L	# 1
17) Methyl tert-butyl Ether	2.709	73	525445	30.194	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	49230	6.722	ug/L	93
34) Trichloroethene	5.841	95	15210	1.847	ug/L	94
47) Tetrachloroethene	7.915	164	1124	0.214	ug/L	97

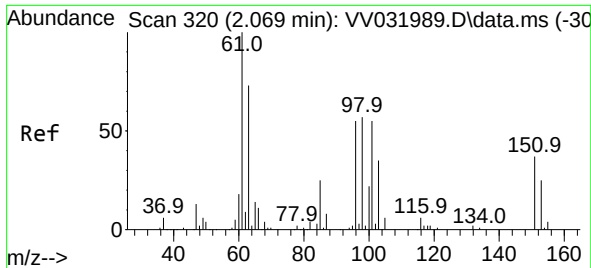
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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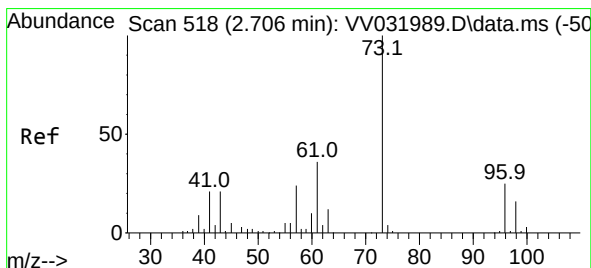
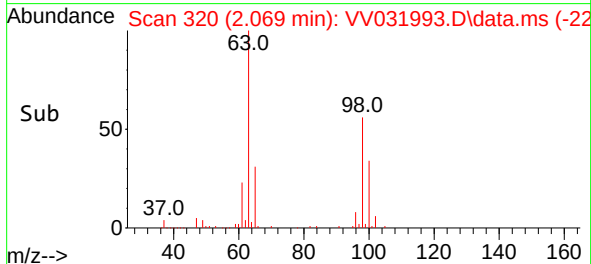
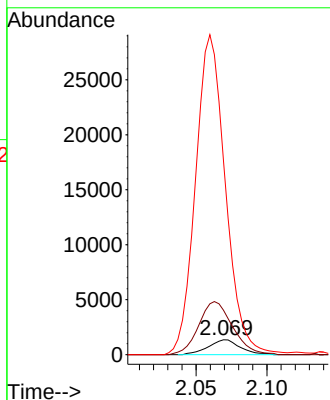
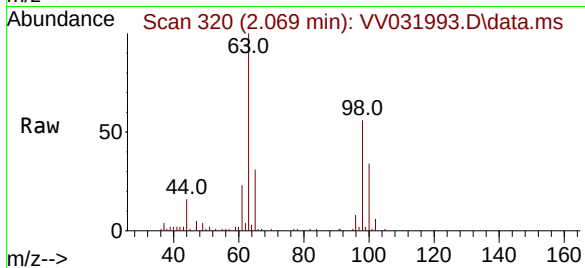




#12
 1,1-Dichloroethene
 Concen: 0.380 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031993.D
 Acq: 09 Sep 2023 12:12

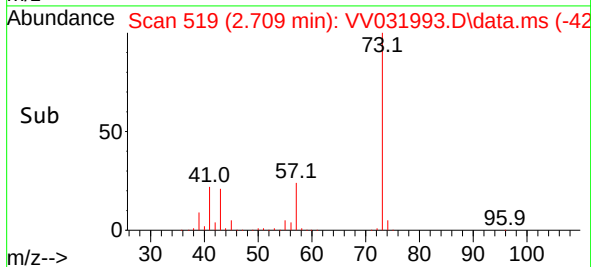
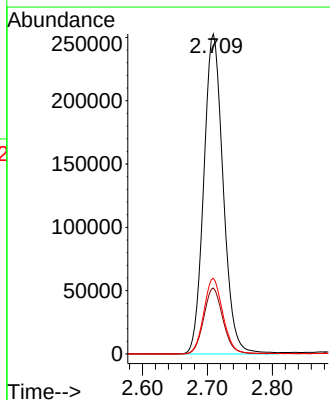
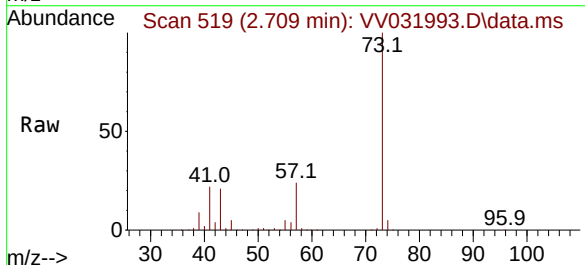
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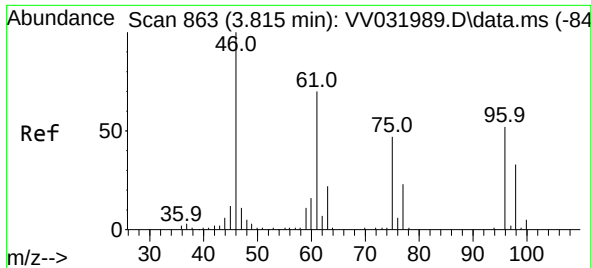
Tgt Ion: 96 Resp: 2133
 Ion Ratio Lower Upper
 96 100
 61 299.0 129.0 239.6#
 63 1302.2 99.0 183.8#



#17
 Methyl tert-butyl Ether
 Concen: 30.194 ug/L
 RT: 2.709 min Scan# 519
 Delta R.T. 0.003 min
 Lab File: VV031993.D
 Acq: 09 Sep 2023 12:12

Tgt Ion: 73 Resp: 525445
 Ion Ratio Lower Upper
 73 100
 43 20.5 15.6 23.4
 57 23.5 17.8 26.8

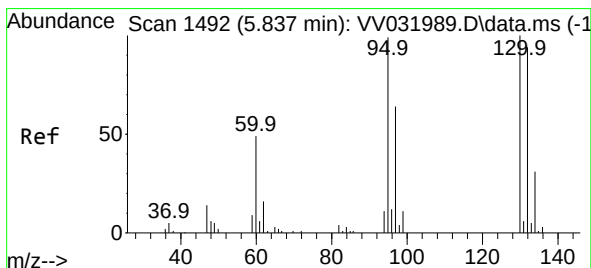
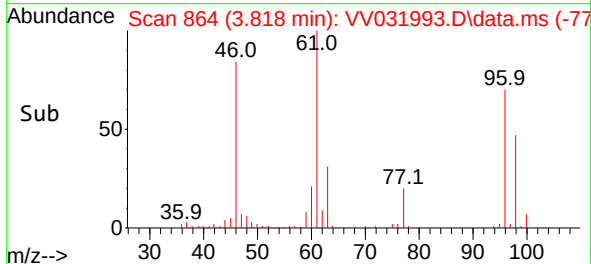
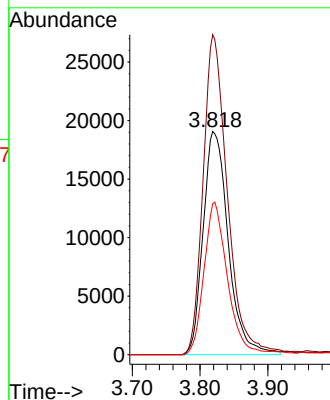
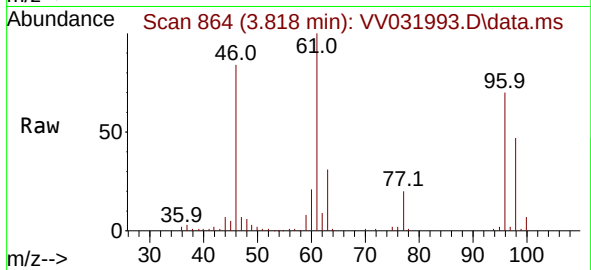




#22
cis-1,2-Dichloroethene
Concen: 6.722 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12

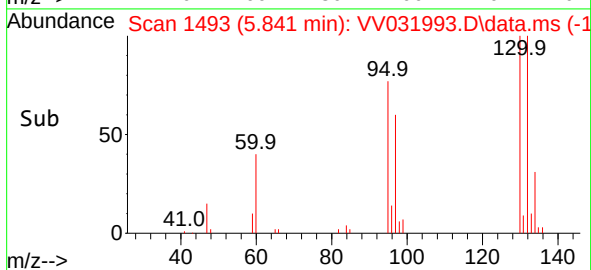
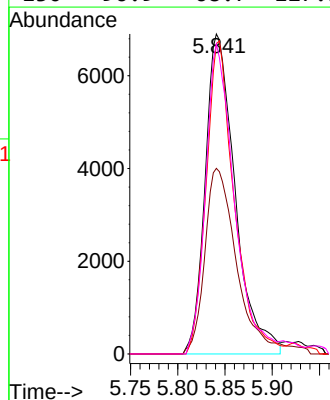
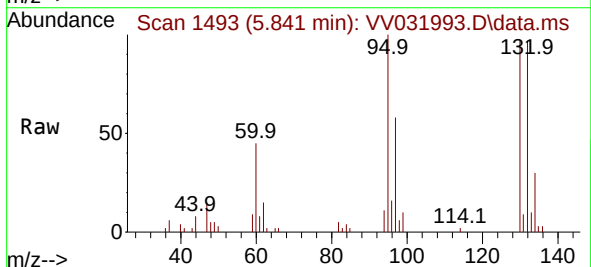
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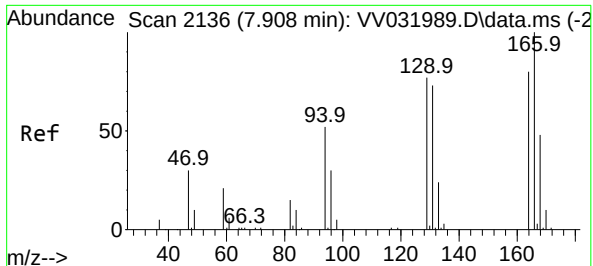
Tgt Ion: 96 Resp: 49230
Ion Ratio Lower Upper
96 100
61 143.4 94.1 174.8
98 67.6 43.8 81.4



#34
Trichloroethene
Concen: 1.847 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031993.D
Acq: 09 Sep 2023 12:12

Tgt Ion: 95 Resp: 15210
Ion Ratio Lower Upper
95 100
97 58.0 47.7 88.7
132 96.9 63.8 118.4
130 96.9 68.7 127.5





#47
 Tetrachloroethene
 Concen: 0.214 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV031993.D
 Acq: 09 Sep 2023 12:12

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4K2

Tgt	Ion:164	Resp:	1124
Ion	Ratio	Lower	Upper
164	100		
129	96.8	70.6	131.2
131	96.5	64.6	120.0
166	123.6	88.3	164.1

