

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032029.D
 Acq On : 11 Sep 2023 16:22
 Operator : SY/MD
 Sample : 04307-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4J1DL

Quant Time: Sep 12 06:01:04 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)

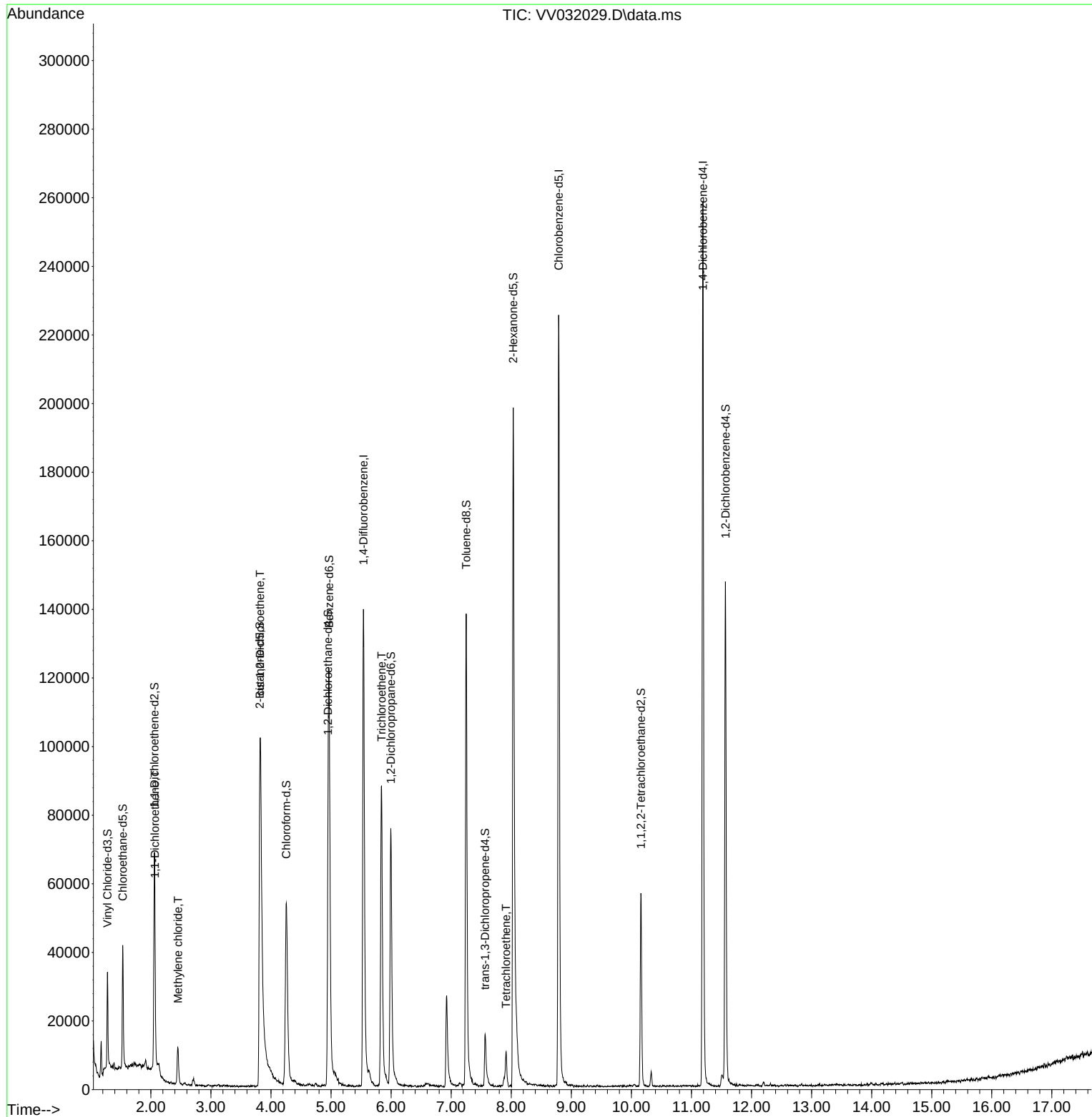
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	120617	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18012	4.421	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.532	69	22684	4.861	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.060	65	10515	4.386	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.815	46	103906	52.690	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.380%	
24) Chloroform-d	4.256	84	55841	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.950	65	29412	4.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
32) Benzene-d6	4.966	84	111819	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	5.995	67	41344	4.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.249	98	96360	3.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.564	79	11014	3.076	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.600%	
46) 2-Hexanone-d5	8.034	63	76415	40.031	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.060%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28726	4.078	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.567	152	36597	3.506	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	70.200%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	2828	0.521	ug/L #	1
16) Methylene chloride	2.452	84	4296	0.486	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	27650	3.900	ug/L	96
34) Trichloroethene	5.841	95	31353	3.806	ug/L	97
47) Tetrachloroethene	7.911	164	2246	0.427	ug/L	93

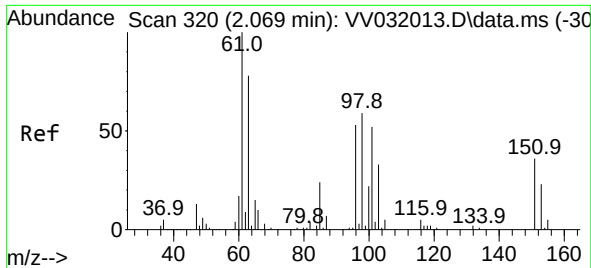
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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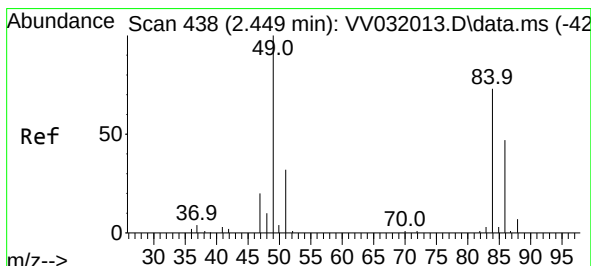
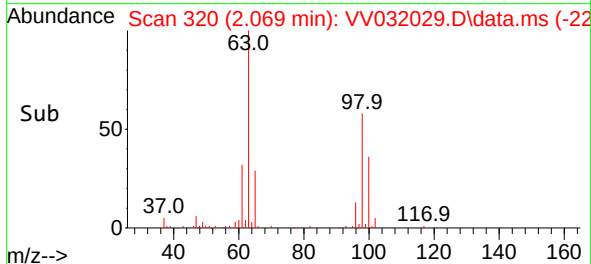
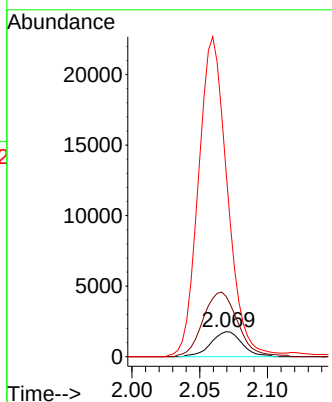
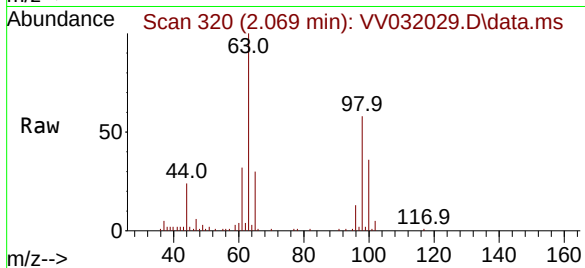




#12
1,1-Dichloroethene
Concen: 0.521 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

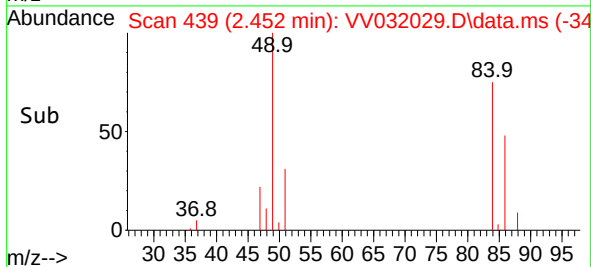
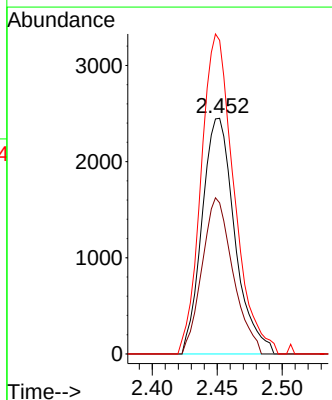
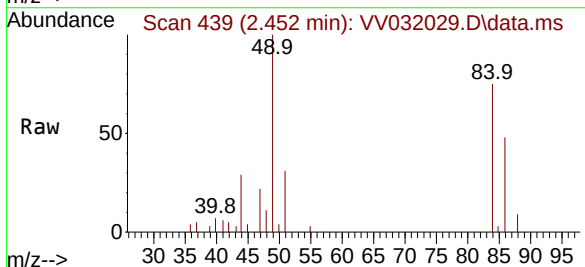
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MSVOA_V
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BH4J1DL

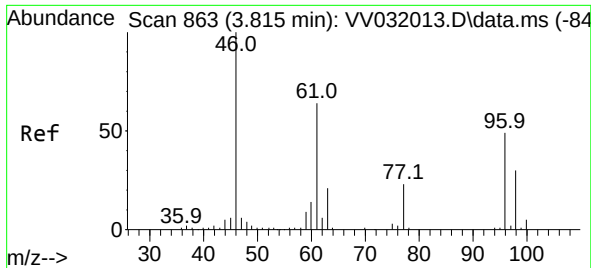
Tgt Ion: 96 Resp: 2828
Ion Ratio Lower Upper
96 100
61 242.9 129.0 239.6#
63 752.9 99.0 183.8#



#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Tgt Ion: 84 Resp: 4296
Ion Ratio Lower Upper
84 100
86 64.1 42.6 79.2
49 133.0 88.5 164.4

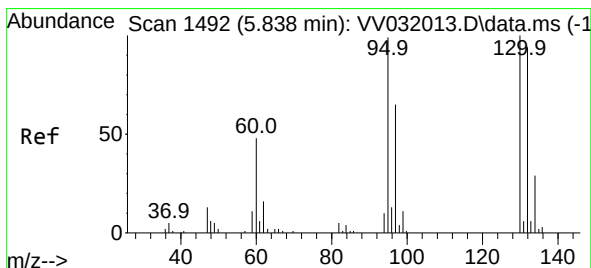
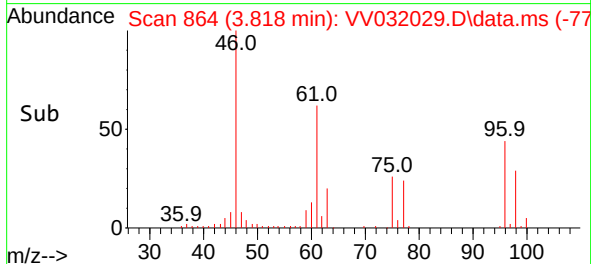
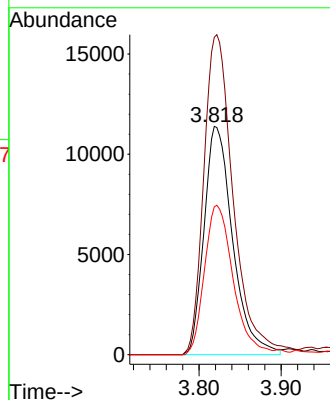
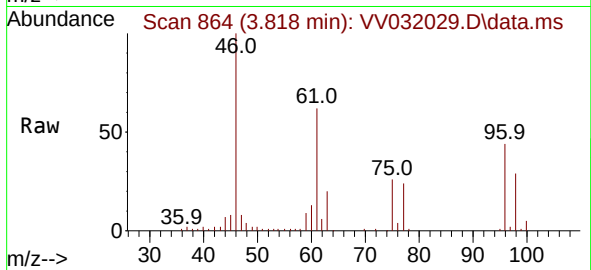




#22
 cis-1,2-Dichloroethene
 Concen: 3.900 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032029.D
 Acq: 11 Sep 2023 16:22

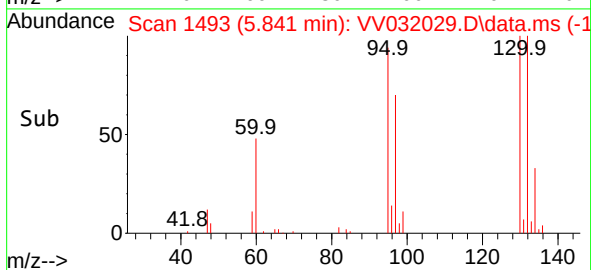
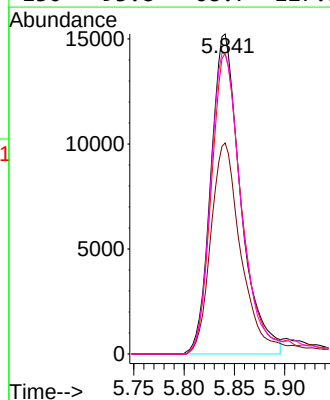
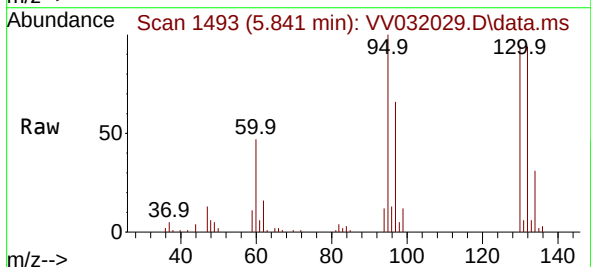
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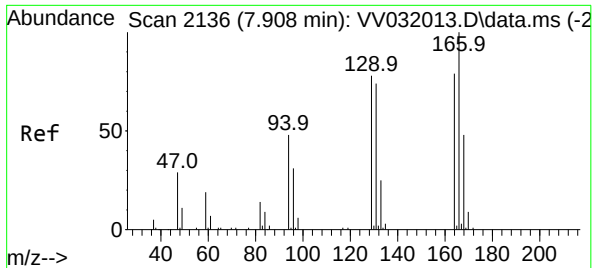
Tgt Ion: 96 Resp: 27650
 Ion Ratio Lower Upper
 96 100
 61 139.1 94.1 174.8
 98 64.8 43.8 81.4



#34
 Trichloroethene
 Concen: 3.806 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV032029.D
 Acq: 11 Sep 2023 16:22

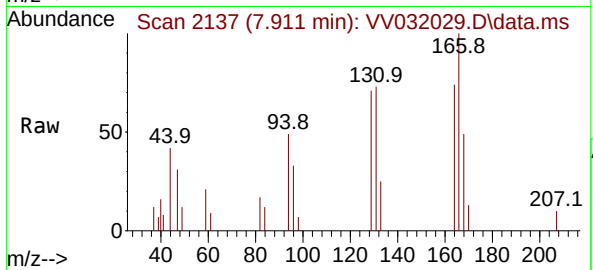
Tgt Ion: 95 Resp: 31353
 Ion Ratio Lower Upper
 95 100
 97 65.9 47.7 88.7
 132 94.0 63.8 118.4
 130 93.8 68.7 127.5





#47
Tetrachloroethene
Concen: 0.427 ug/L
RT: 7.911 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032029.D
Acq: 11 Sep 2023 16:22

Instrument :
MSVOA_V
ClientSampleId :
BH4J1DL



Tgt Ion:	164	Resp:	2246
Ion	Ratio	Lower	Upper
164	100		
129	96.5	70.6	131.2
131	99.6	64.6	120.0
166	135.8	88.3	164.1

