

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032006.D
 Acq On : 09 Sep 2023 17:31
 Operator : SY/MD
 Sample : 04307-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4J9

Quant Time: Sep 09 21:56:36 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)

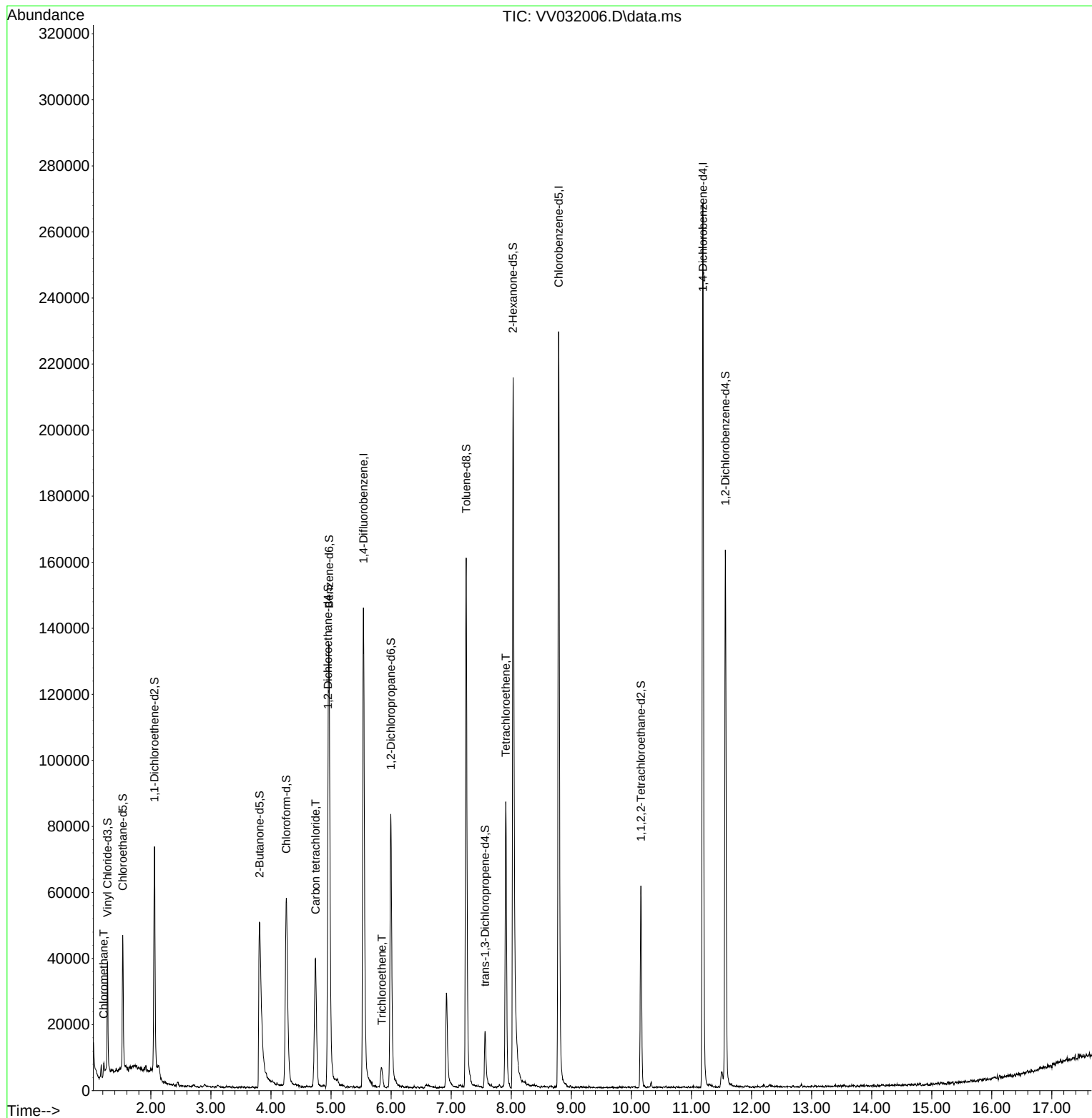
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	128756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	124910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	66614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20877	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.532	69	25922	5.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.060	65	12320	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.809	46	102209	48.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	4.256	84	60040	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	4.950	65	32932	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.966	84	123763	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	5.995	67	43421	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.249	98	107995	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.564	79	11595	3.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.031	63	81918	42.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.080%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30217	4.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	39684	3.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.600%#
Target Compounds						
3) Chloromethane	1.217	50	1888	0.240	ug/L	97
31) Carbon tetrachloride	4.741	117	28765	2.948	ug/L	100
34) Trichloroethene	5.847	95	1519	0.181	ug/L	92
47) Tetrachloroethene	7.908	164	19206	3.575	ug/L	98

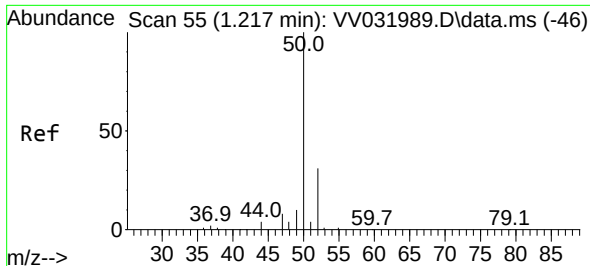
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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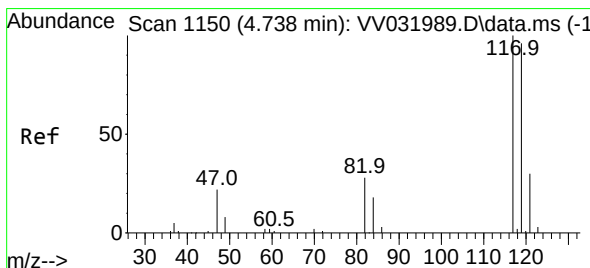
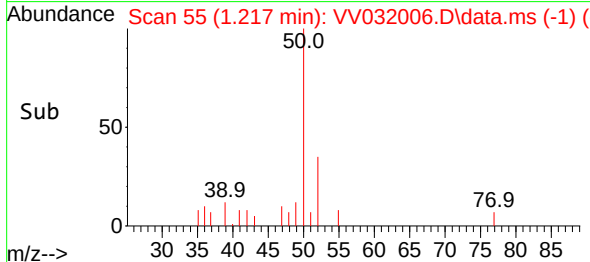
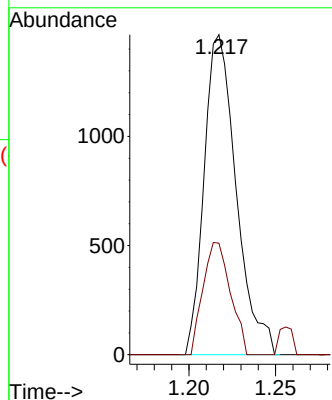
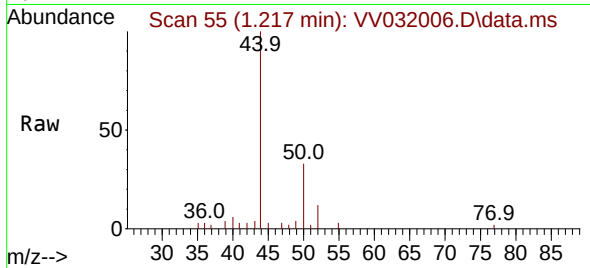




#3
Chloromethane
Concen: 0.240 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

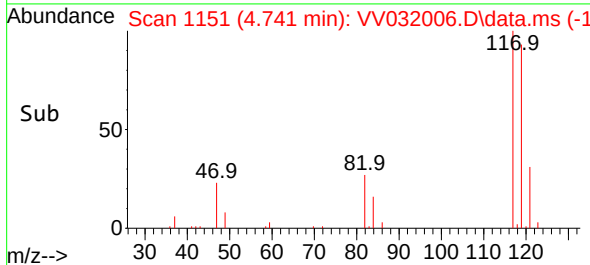
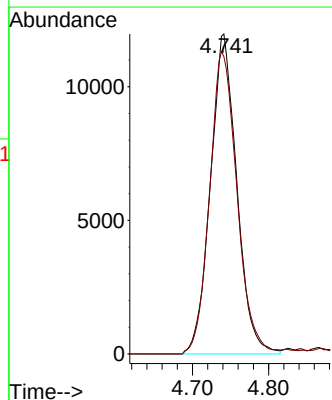
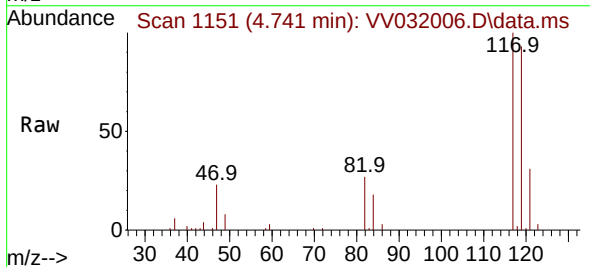
Instrument :
MSVOA_V
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BH4J9

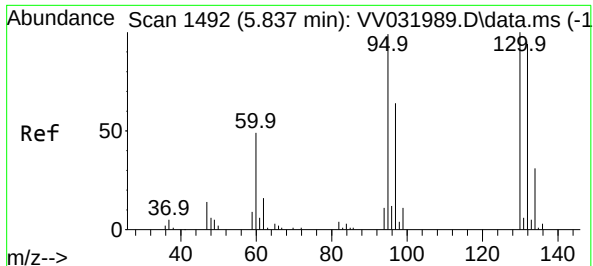
Tgt Ion: 50 Resp: 1888
Ion Ratio Lower Upper
50 100
52 34.9 23.3 43.3



#31
Carbon tetrachloride
Concen: 2.948 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion: 117 Resp: 28765
Ion Ratio Lower Upper
117 100
119 98.2 78.4 117.6



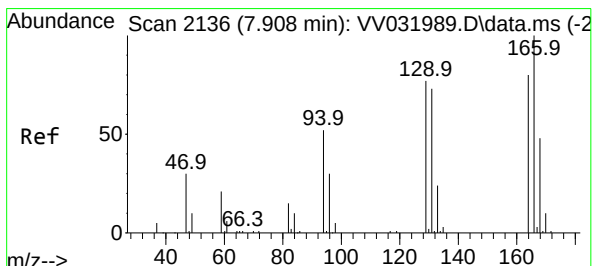
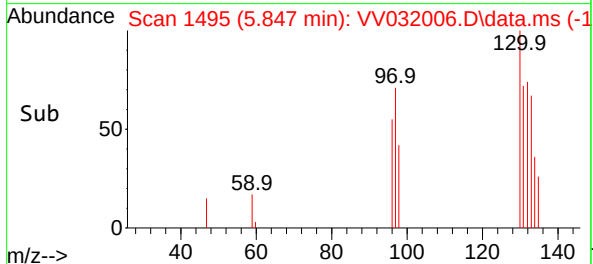
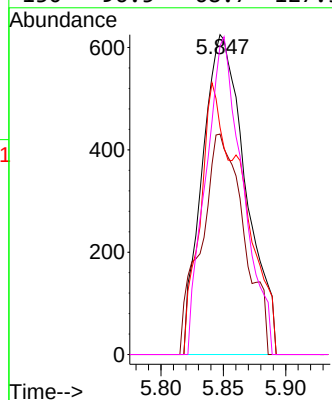
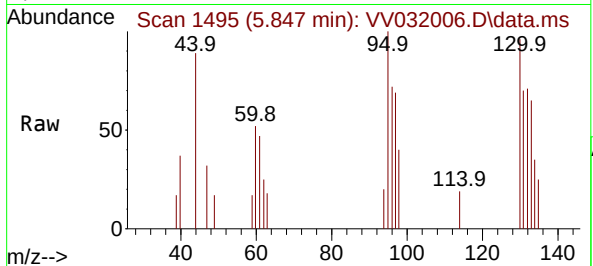


#34
Trichloroethene
Concen: 0.181 ug/L
RT: 5.847 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :
BH4J9

Tgt Ion: 95 Resp: 1519

Ion	Ratio	Lower	Upper
95	100		
97	69.0	47.7	88.7
132	71.0	63.8	118.4
130	96.5	68.7	127.5



#47
Tetrachloroethene
Concen: 3.575 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032006.D
Acq: 09 Sep 2023 17:31

Tgt Ion: 164 Resp: 19206

Ion	Ratio	Lower	Upper
164	100		
129	101.3	70.6	131.2
131	96.8	64.6	120.0
166	128.1	88.3	164.1

