

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032010.D
 Acq On : 09 Sep 2023 19:08
 Operator : SY/MD
 Sample : 04267-14DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4D9DL

Quant Time: Sep 09 21:57:33 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)

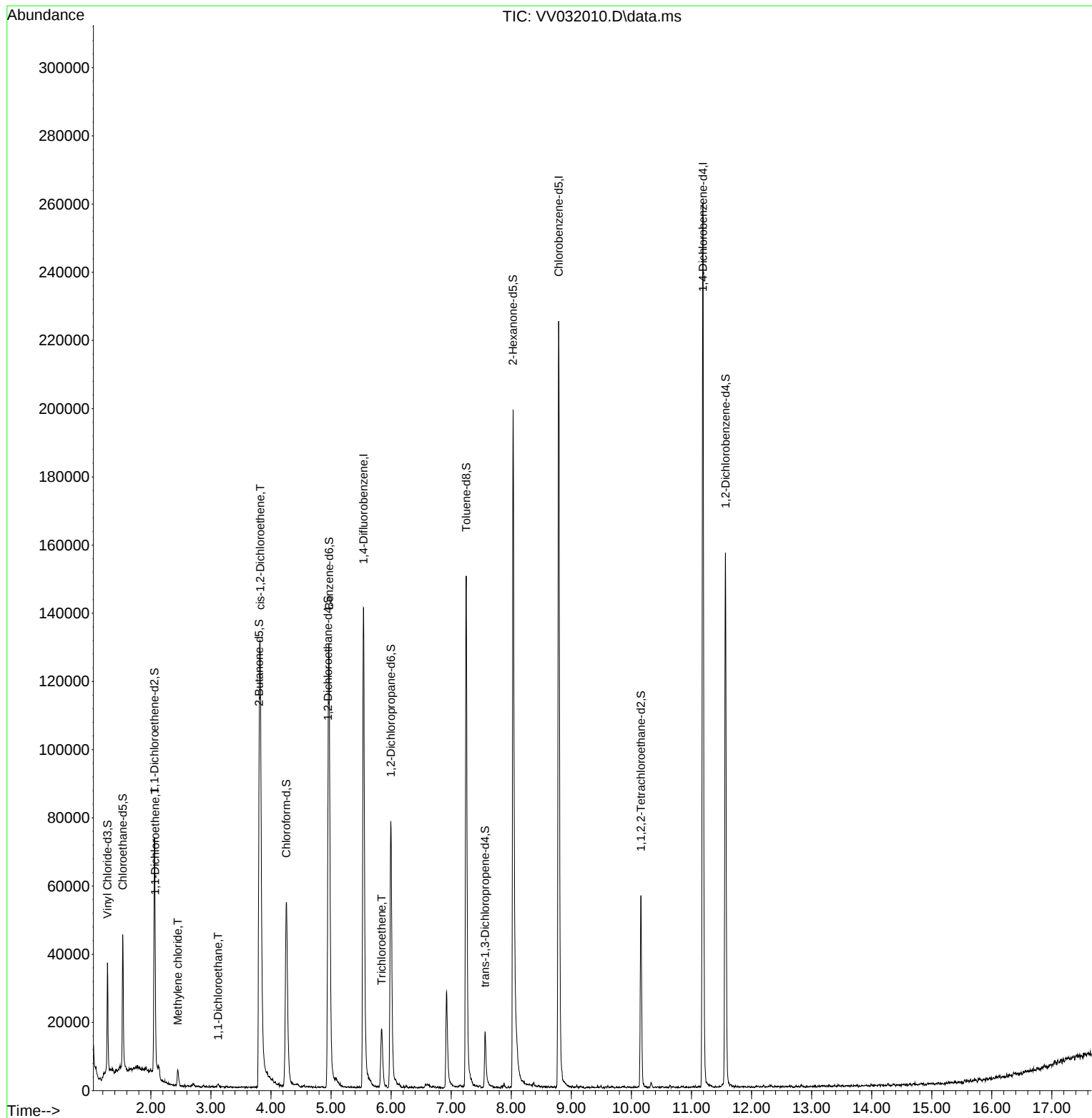
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	121185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20055	4.900	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.532	69	24994	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.060	65	11343	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.802	46	97878	49.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.800%
24) Chloroform-d	4.256	84	57983	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	4.950	65	30337	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	4.966	84	118716	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.995	67	40347	4.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.249	98	102512	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.564	79	11155	3.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.400%
46) 2-Hexanone-d5	8.030	63	75174	39.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28519	4.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	38882	3.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.800%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.073	96	2618	0.480	ug/L #	1
16) Methylene chloride	2.449	84	1889	0.213	ug/L	93
19) 1,1-Dichloroethane	3.121	63	1303	0.102	ug/L #	90
22) cis-1,2-Dichloroethene	3.822	96	52622	7.387	ug/L	99
34) Trichloroethene	5.844	95	5899	0.717	ug/L	97

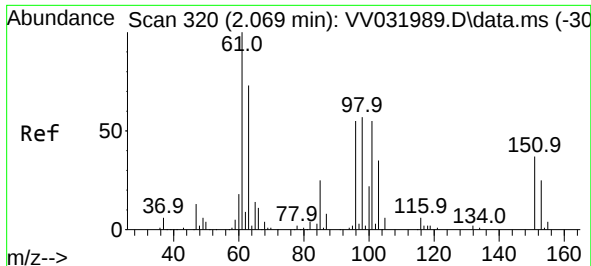
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 09 21:51:31 2023
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#12

1,1-Dichloroethene

Concen: 0.480 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

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ClientSampleId :

BH4D9DL

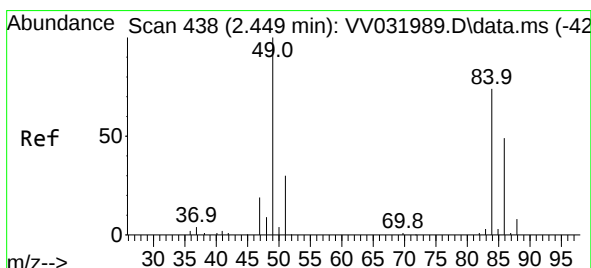
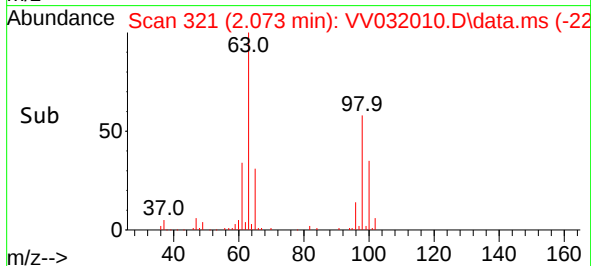
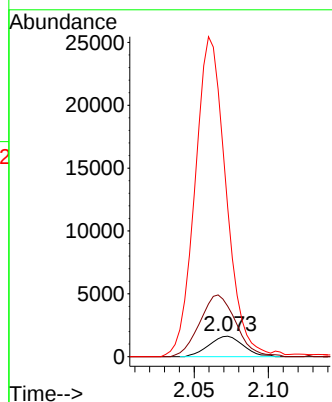
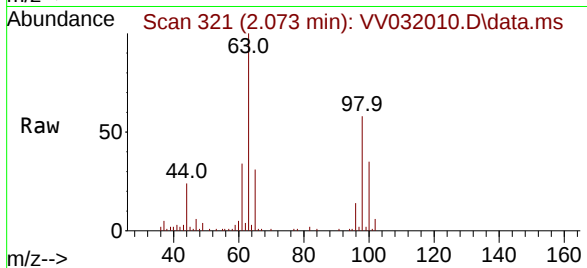
Tgt Ion: 96 Resp: 2618

Ion Ratio Lower Upper

96 100

61 247.3 129.0 239.6#

63 730.5 99.0 183.8#



#16

Methylene chloride

Concen: 0.213 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

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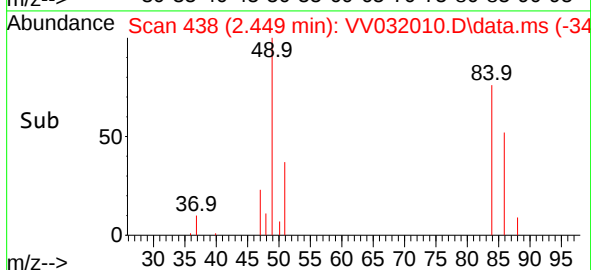
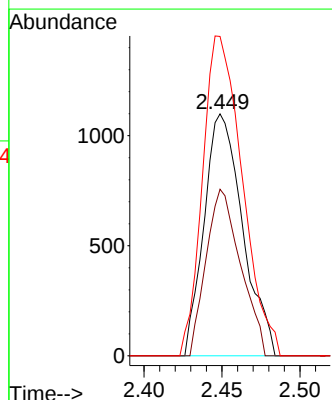
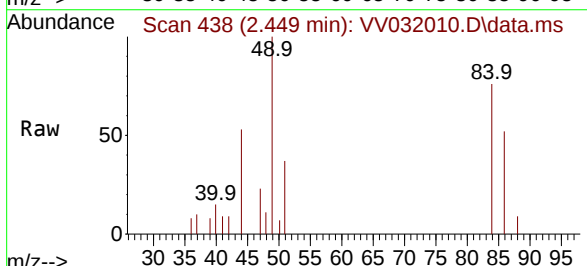
Tgt Ion: 84 Resp: 1889

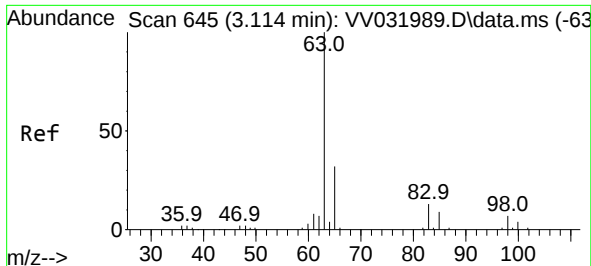
Ion Ratio Lower Upper

84 100

86 68.9 42.6 79.2

49 132.0 88.5 164.4





#19

1,1-Dichloroethane

Concen: 0.102 ug/L

RT: 3.121 min Scan# 645

Delta R.T. 0.007 min

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Instrument :

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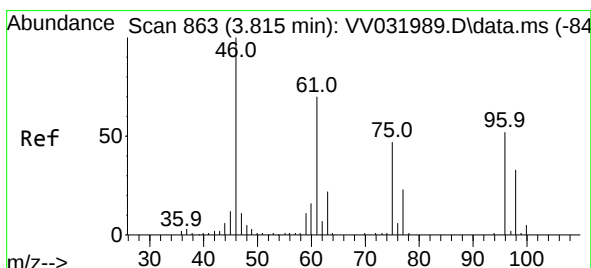
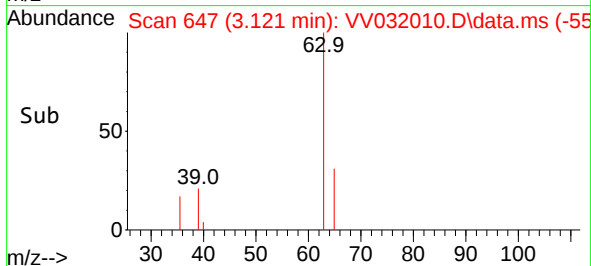
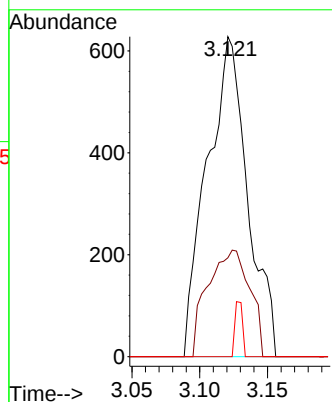
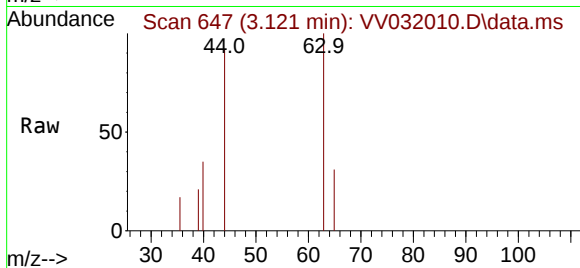
Tgt Ion: 63 Resp: 1303

Ion Ratio Lower Upper

63 100

65 30.9 21.9 40.7

83 0.0 9.2 17.2#



#22

cis-1,2-Dichloroethene

Concen: 7.387 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.007 min

Lab File: VV032010.D

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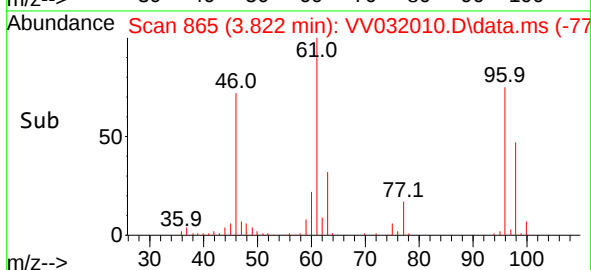
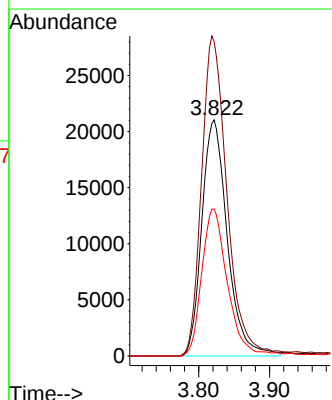
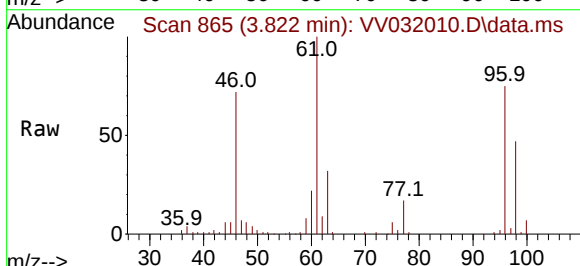
Tgt Ion: 96 Resp: 52622

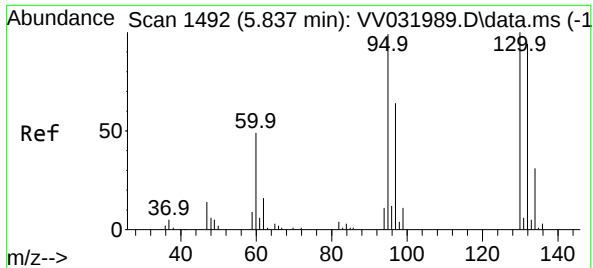
Ion Ratio Lower Upper

96 100

61 133.3 94.1 174.8

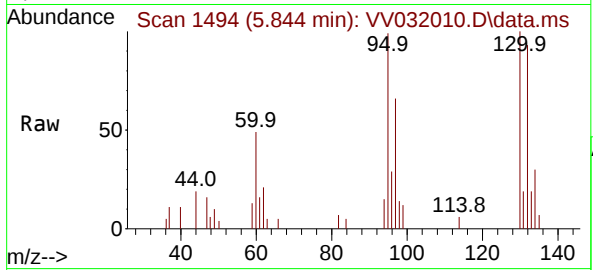
98 62.2 43.8 81.4





#34
 Trichloroethene
 Concen: 0.717 ug/L
 RT: 5.844 min Scan# 14
 Delta R.T. 0.007 min
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 BH4D9DL



Tgt Ion:	95	Resp:	5899
Ion	Ratio	Lower	Upper
95	100		
97	66.3	47.7	88.7
132	93.8	63.8	118.4
130	100.9	68.7	127.5

