

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037344.D
 Acq On : 18 Sep 2024 19:19
 Operator : SY/MD
 Sample : P3986-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8M3

Quant Time: Sep 19 05:29:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

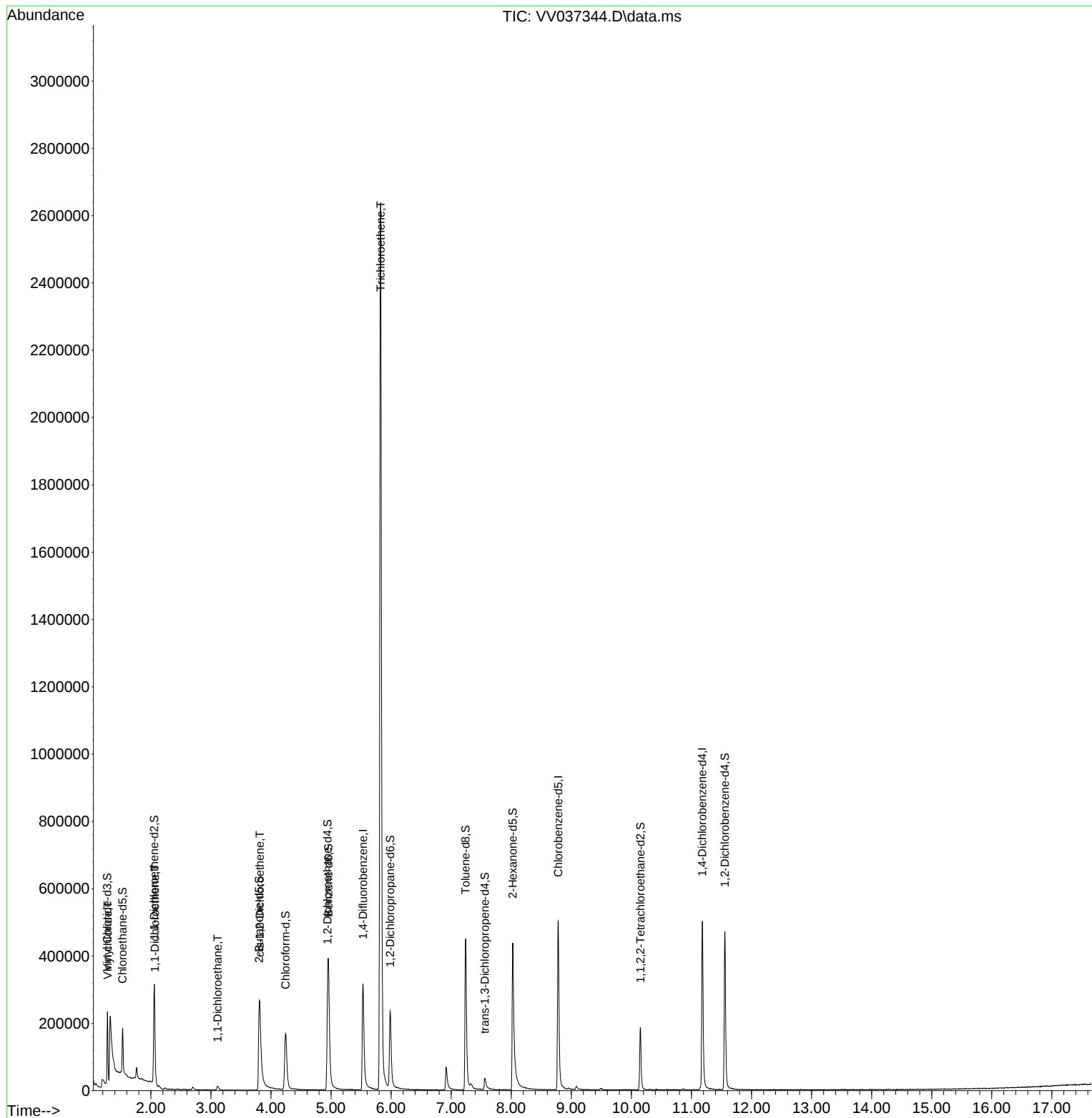
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296448	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	302793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	104908	6.032	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	120.600%	
7) Chloroethane-d5	1.529	69	86429	4.766	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.056	65	44479	4.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5	3.802	46	198809	38.250	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.500%	
24) Chloroform-d	4.243	84	192209	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	4.941	65	94018	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	4.957	84	373231	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	5.986	67	121188	4.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.239	98	323819	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
43) trans-1,3-Dichloroprop...	7.561	79	26952	3.245	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.000%	
46) 2-Hexanone-d5	8.024	63	177038	43.633	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.260%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97168	4.722	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.558	152	122113	5.006	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
5) Vinyl chloride	1.282	62	38368	1.329	ug/L #	81
12) 1,1-Dichloroethene	2.066	96	16958	0.816	ug/L #	1
19) 1,1-Dichloroethane	3.111	63	12788	0.306	ug/L	92
22) cis-1,2-Dichloroethene	3.812	96	87897	3.720	ug/L	98
34) Trichloroethene	5.825	95	968672	39.401	ug/L	98

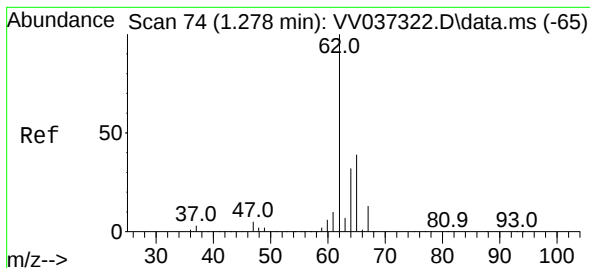
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.329 ug/L

RT: 1.282 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV037344.D

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ClientSampleId :

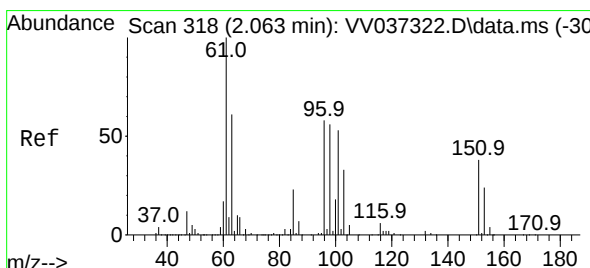
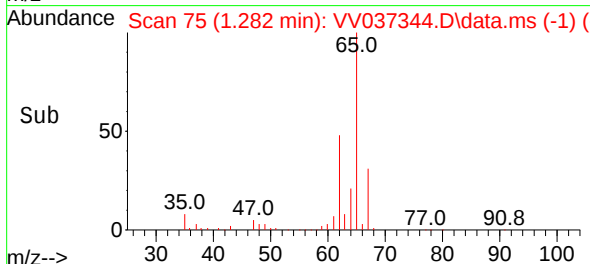
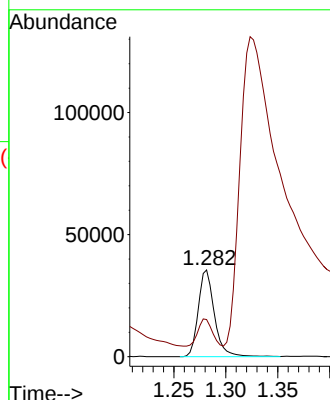
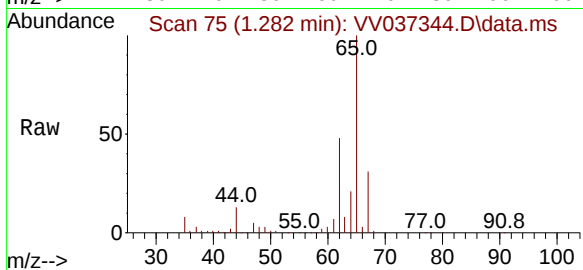
BH8M3

Tgt Ion: 62 Resp: 38368

Ion Ratio Lower Upper

62 100

64 42.9 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 0.816 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037344.D

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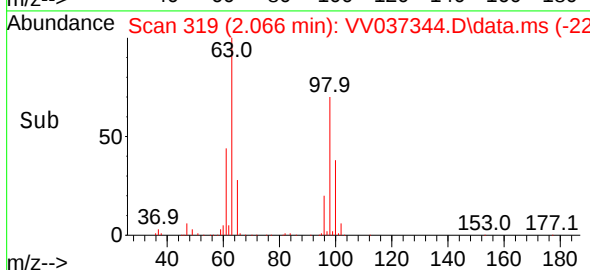
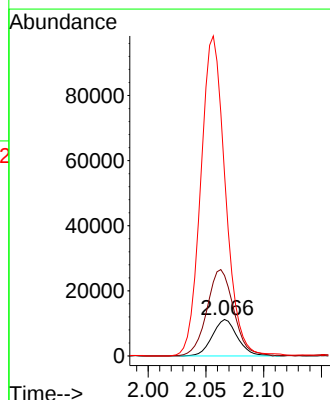
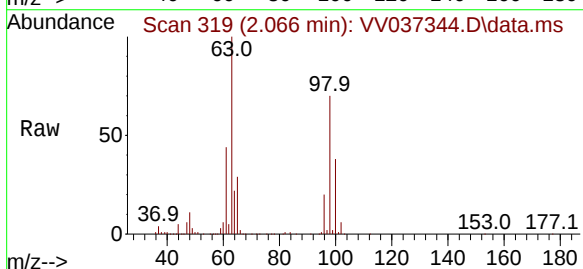
Tgt Ion: 96 Resp: 16958

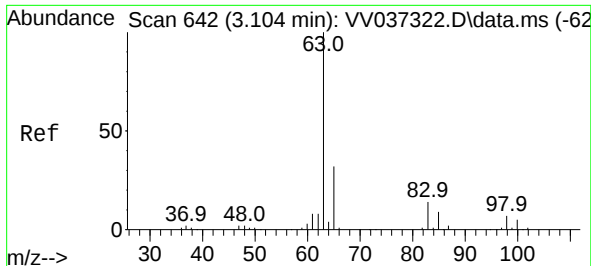
Ion Ratio Lower Upper

96 100

61 220.7 119.9 222.7

63 499.3 81.4 151.2#





#19

1,1-Dichloroethane

Concen: 0.306 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

BH8M3

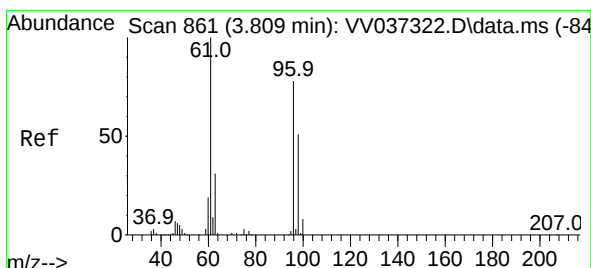
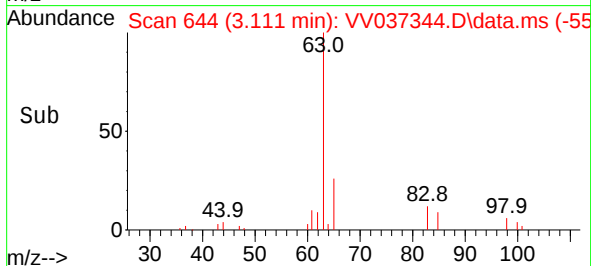
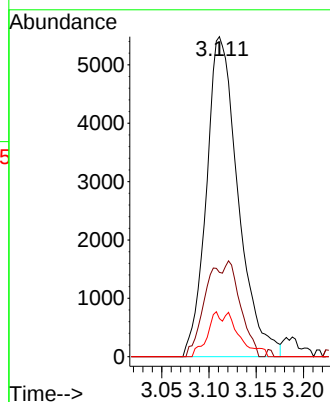
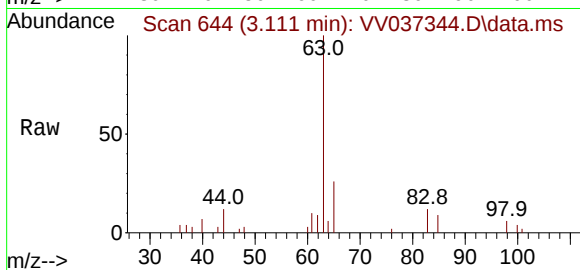
Tgt Ion: 63 Resp: 12788

Ion Ratio Lower Upper

63 100

65 26.3 22.5 41.7

83 11.9 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 3.720 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

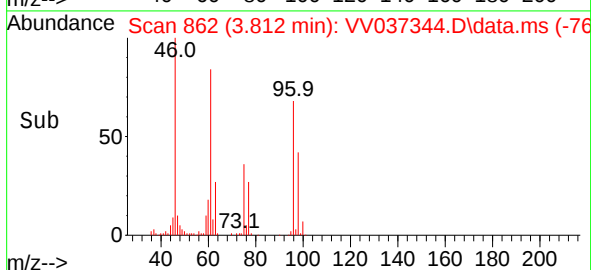
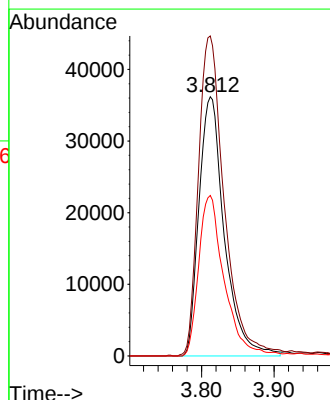
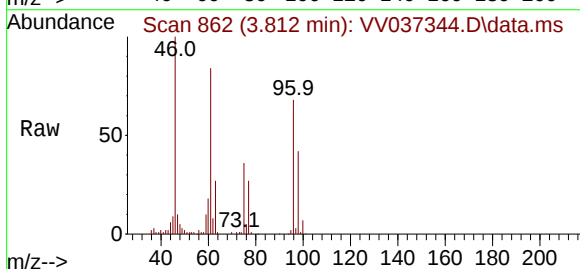
Tgt Ion: 96 Resp: 87897

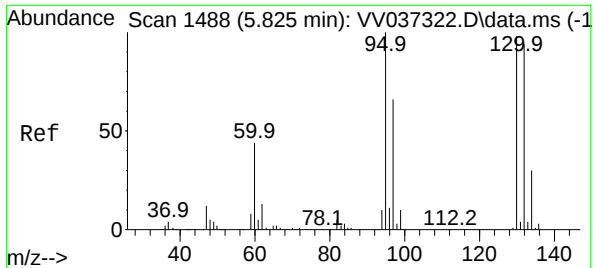
Ion Ratio Lower Upper

96 100

61 123.4 87.6 162.6

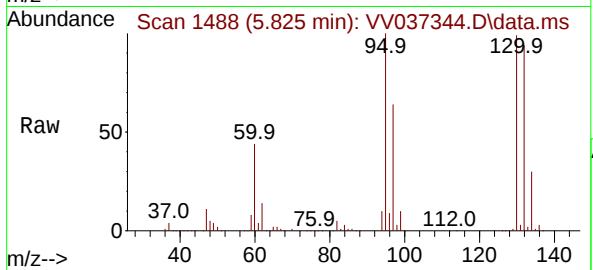
98 61.9 44.9 83.5





#34
 Trichloroethene
 Concen: 39.401 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV037344.D
 Acq: 18 Sep 2024 19:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8M3



Tgt Ion: 95 Resp: 968672

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.5
132	94.0	65.5	121.7
130	98.6	71.3	132.3

