

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033617.D
 Acq On : 13 Jan 2024 00:16
 Operator : SY/MD
 Sample : P1121-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8L2

Quant Time: Jan 13 01:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

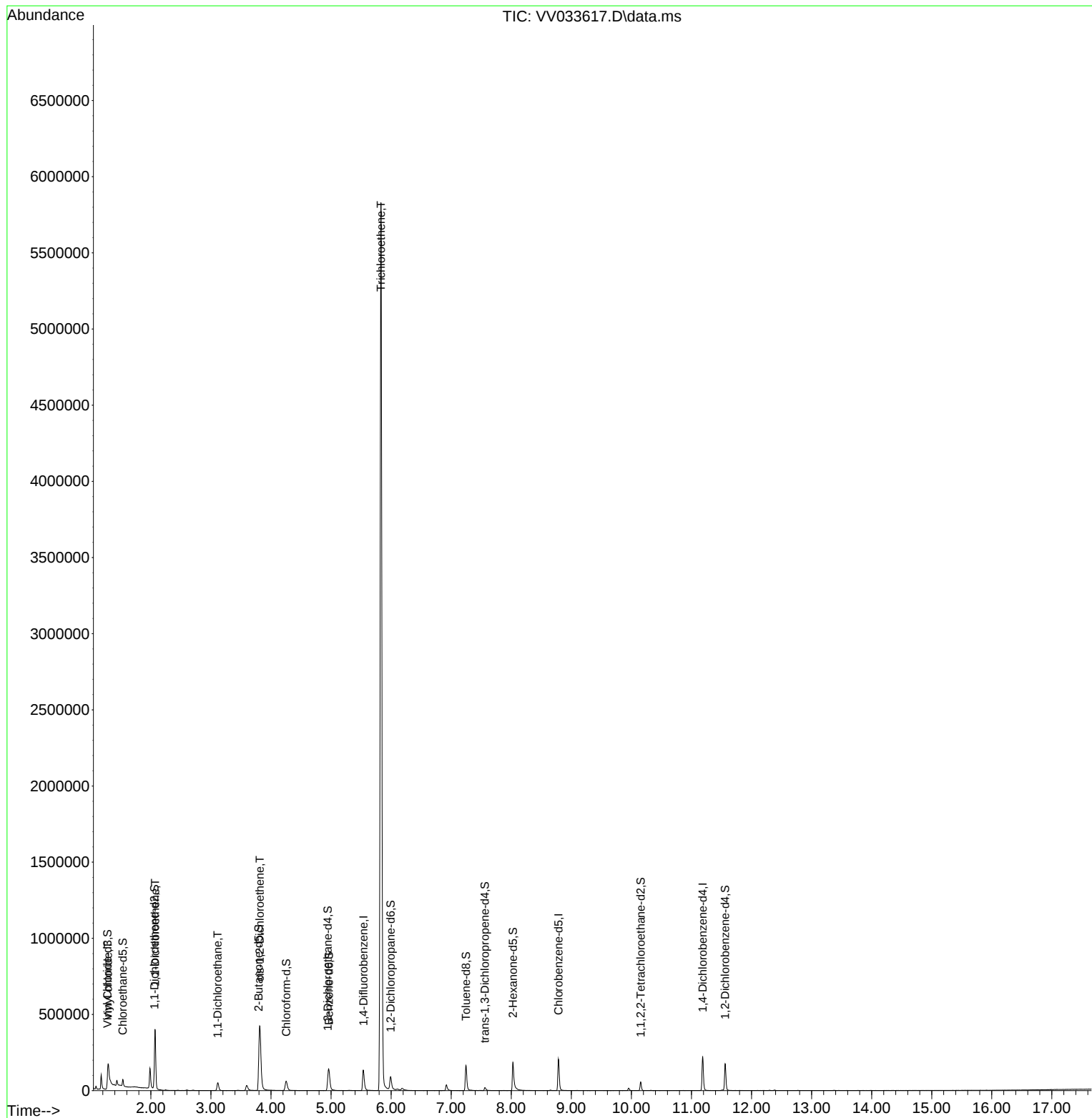
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	115670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	107168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31661	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.532	69	25960	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.060	65	13996	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.796	46	81534	52.722	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.440%
24) Chloroform-d	4.253	84	65916	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.947	65	33987	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.963	84	129145	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.992	67	42336	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.246	98	111651	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.561	79	13339	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.027	63	67399	57.598	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.200%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27873	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	43338	5.105	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
5) Vinyl chloride	1.285	62	30070	2.499	ug/L	# 1
12) 1,1-Dichloroethene	2.073	96	95998	11.774	ug/L	88
19) 1,1-Dichloroethane	3.114	63	53139	2.904	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	212737	22.058	ug/L	97
34) Trichloroethene	5.831	95	1996738	197.134	ug/L	99

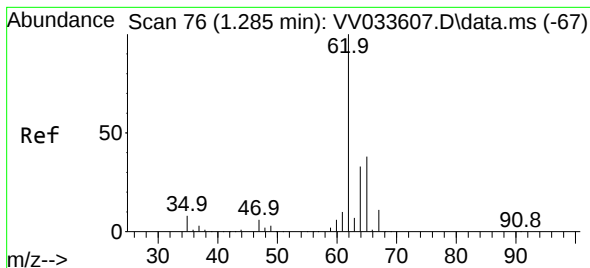
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.499 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

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ClientSampleId :

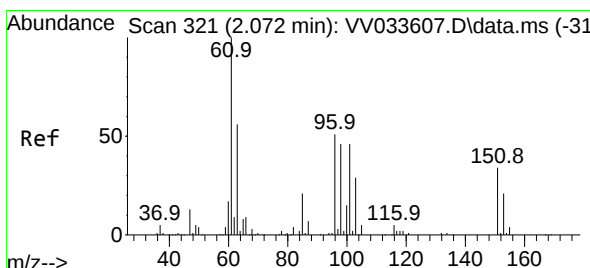
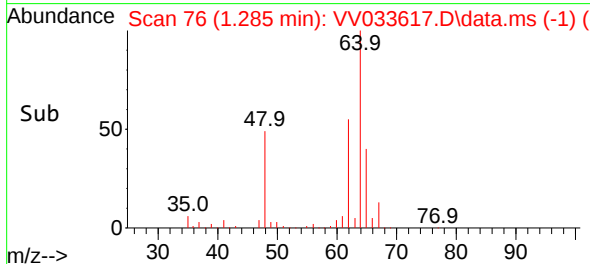
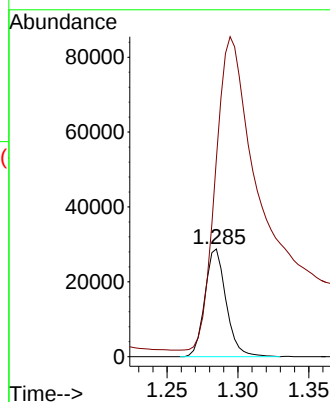
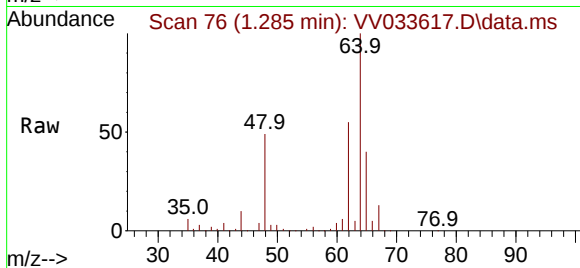
BH8L2

Tgt Ion: 62 Resp: 30070

Ion Ratio Lower Upper

62 100

64 183.3 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 11.774 ug/L

RT: 2.073 min Scan# 321

Delta R.T. 0.000 min

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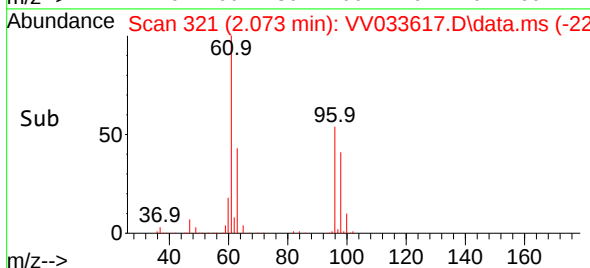
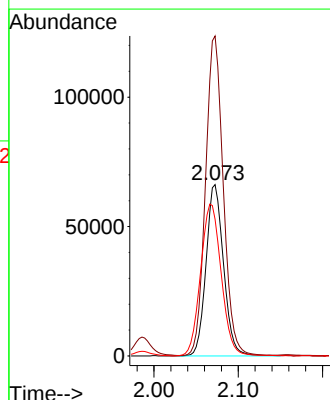
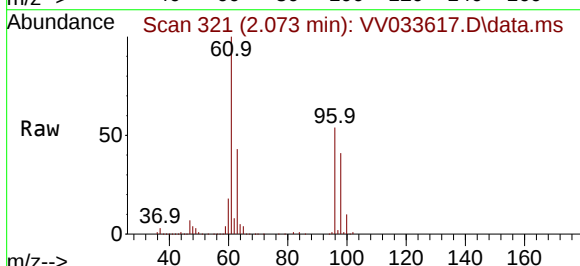
Tgt Ion: 96 Resp: 95998

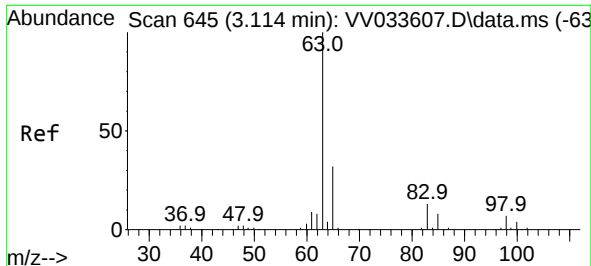
Ion Ratio Lower Upper

96 100

61 186.8 133.8 248.4

63 79.8 77.2 143.4

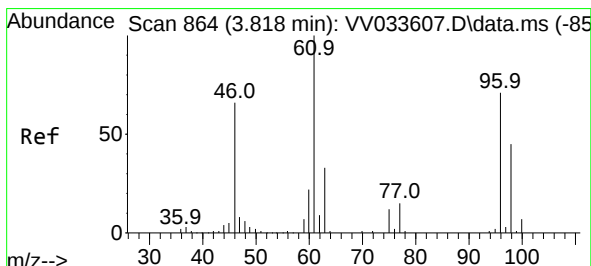
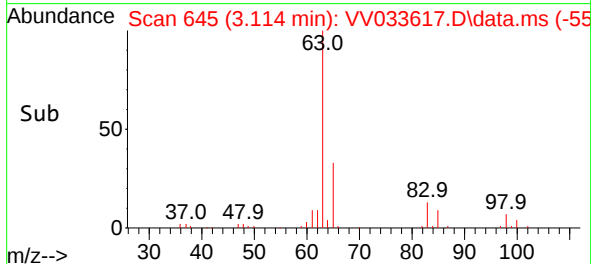
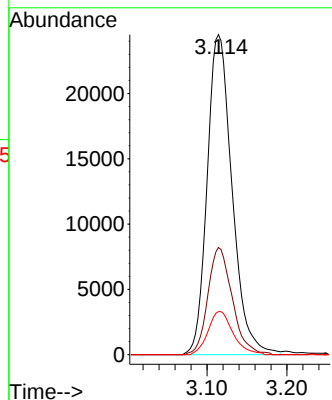
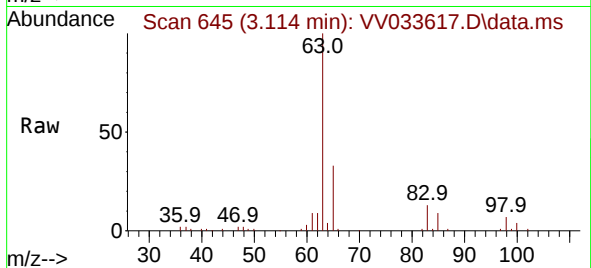




#19
1,1-Dichloroethane
Concen: 2.904 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV033617.D
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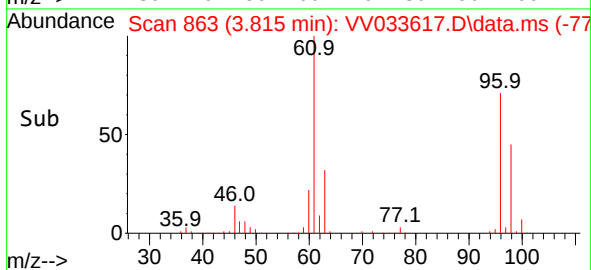
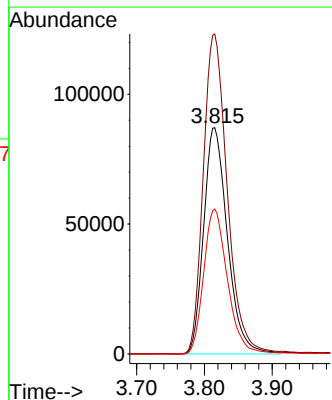
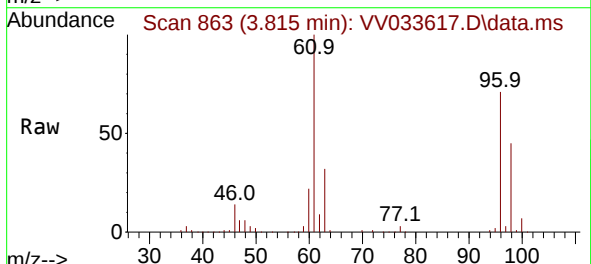
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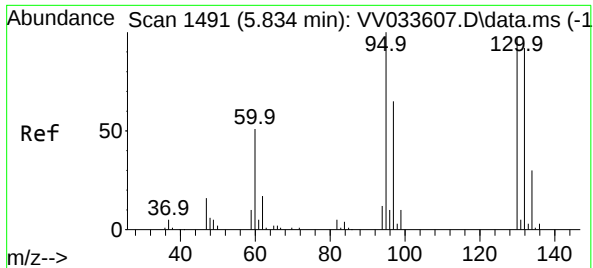
Tgt Ion: 63	Resp: 53139
Ion Ratio	Lower Upper
63 100	
65 33.5	21.6 40.2
83 13.5	9.1 16.9



#22
cis-1,2-Dichloroethene
Concen: 22.058 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV033617.D
Acq: 13 Jan 2024 00:16

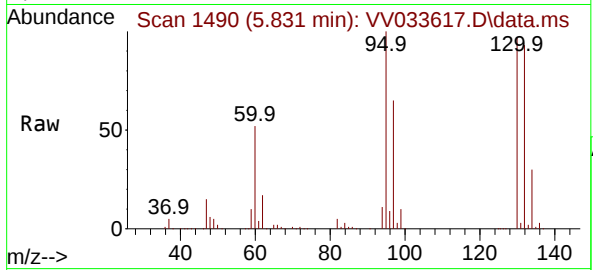
Tgt Ion: 96	Resp: 212737
Ion Ratio	Lower Upper
96 100	
61 141.5	97.1 180.3
98 64.1	42.6 79.0





#34
 Trichloroethene
 Concen: 197.134 ug/L
 RT: 5.831 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV033617.D
 Acq: 13 Jan 2024 00:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8L2



Tgt Ion: 95 Resp: 1996738

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.9
132	92.9	65.2	121.2
130	97.2	66.0	122.6

