

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033994.D
 Acq On : 05 Feb 2024 17:38
 Operator : SY/MD
 Sample : P1289-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG0

Quant Time: Feb 06 05:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

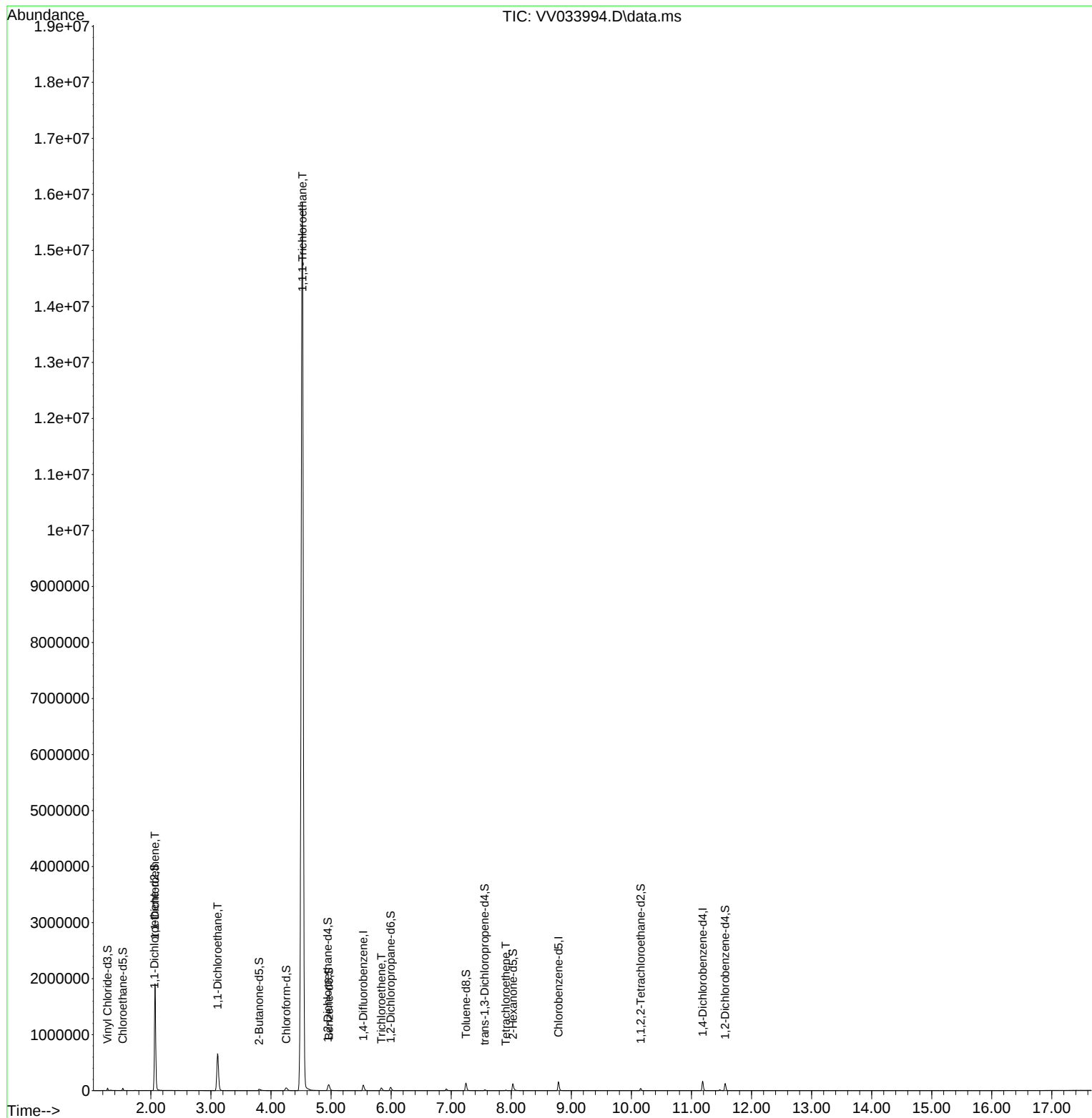
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	83475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24532	3.721	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.400%	
7) Chloroethane-d5	1.532	69	22347	3.870	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.060	65	12661	3.982	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	3.802	46	47200	42.627	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.260%	
24) Chloroform-d	4.253	84	52815	4.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	4.947	65	24232	4.328	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	4.963	84	93640	3.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	5.992	67	26884	3.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.800%	
41) Toluene-d8	7.246	98	92196	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	7.558	79	9902	3.746	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.027	63	44412	47.063	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.120%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18194	4.287	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32793	4.158	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	525369	88.342	ug/L	# 70
19) 1,1-Dichloroethane	3.111	63	653344	58.700	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	12663857	1129.977	ug/L	97
34) Trichloroethene	5.838	95	17715	2.445	ug/L	96
47) Tetrachloroethene	7.908	164	2311	0.393	ug/L	93

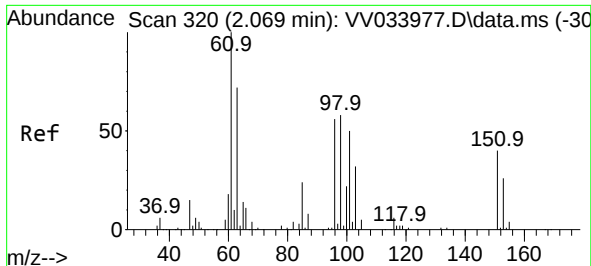
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 06 05:11:25 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 88.342 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

ClientSampleId :

C0AG0

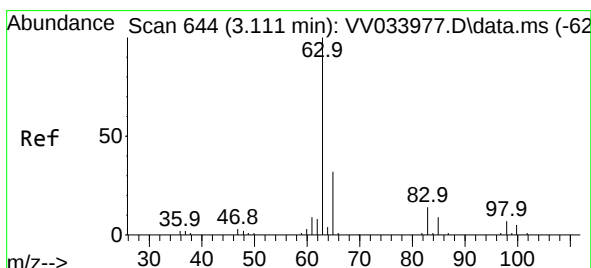
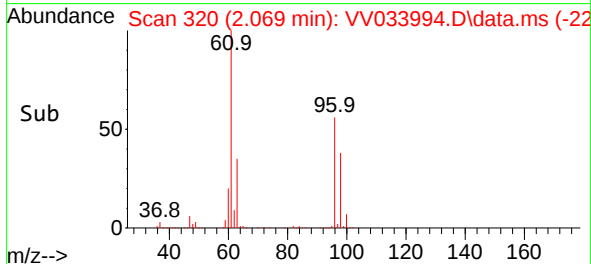
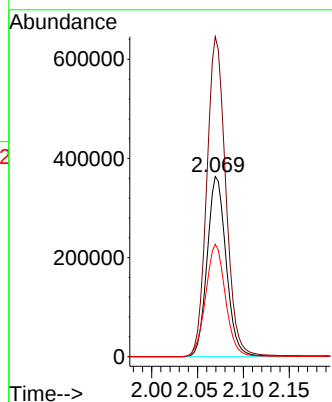
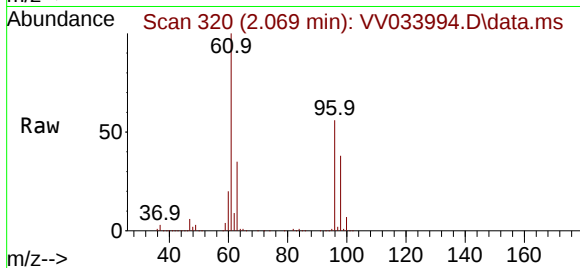
Tgt Ion: 96 Resp: 525369

Ion Ratio Lower Upper

96 100

61 177.6 128.8 239.2

63 62.5 97.9 181.9#



#19

1,1-Dichloroethane

Concen: 58.700 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033994.D

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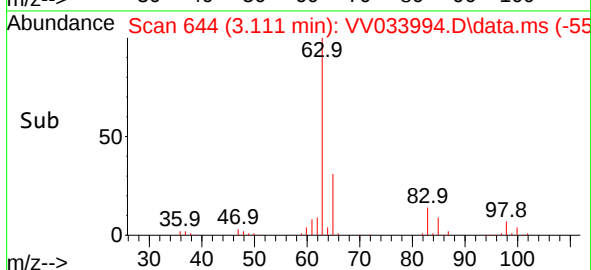
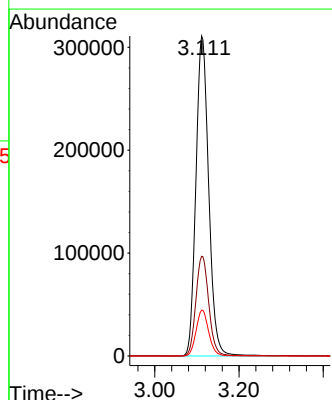
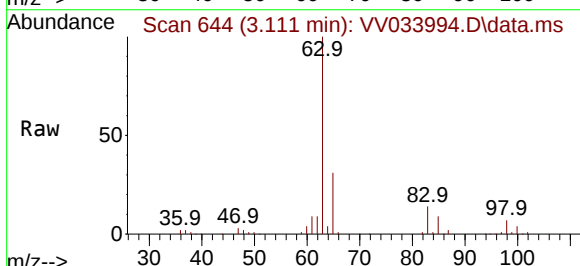
Tgt Ion: 63 Resp: 653344

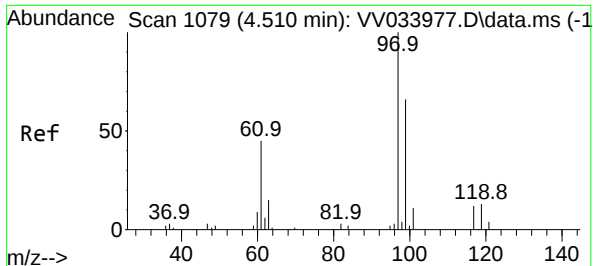
Ion Ratio Lower Upper

63 100

65 31.2 20.8 38.6

83 14.3 9.4 17.4





#29

1,1,1-Trichloroethane

Concen: 1129.977 ug/L

RT: 4.523 min Scan# 1079

Delta R.T. 0.013 min

Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Instrument :

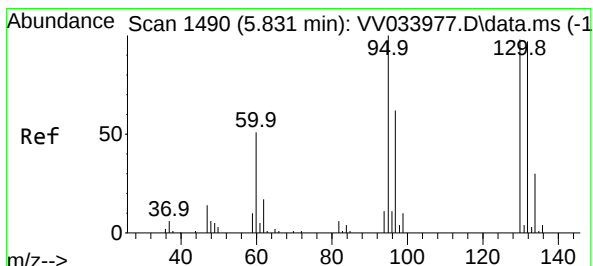
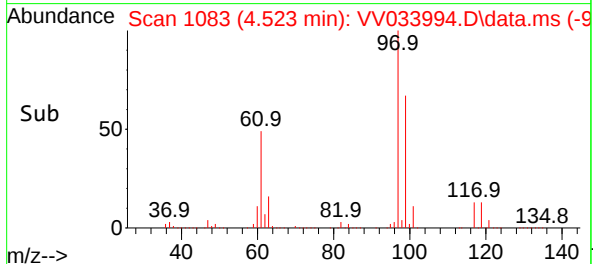
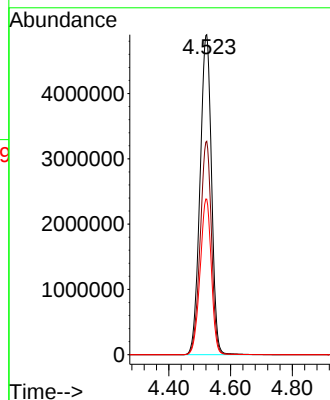
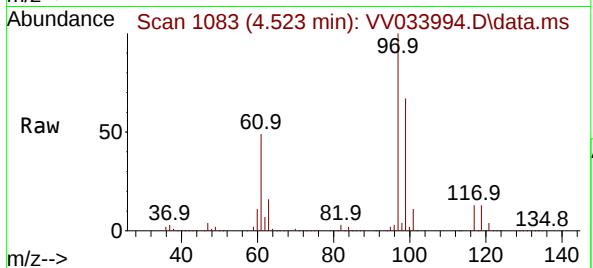
MSVOA_V

ClientSampleId :

C0AG0

Tgt Ion: 97 Resp:12663857

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.6	75.8
61	47.6	36.8	55.2



#34

Trichloroethene

Concen: 2.445 ug/L

RT: 5.838 min Scan# 1492

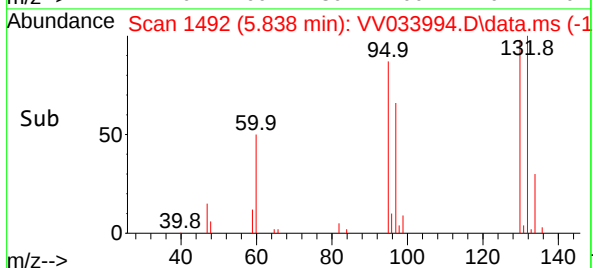
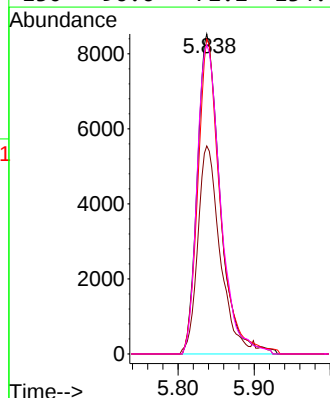
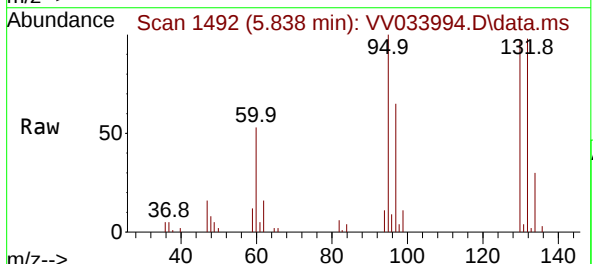
Delta R.T. 0.006 min

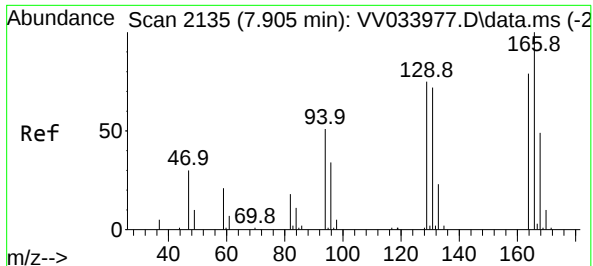
Lab File: VV033994.D

Acq: 05 Feb 2024 17:38

Tgt Ion: 95 Resp: 17715

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.7
132	98.4	66.0	122.6
130	96.6	72.2	134.0





#47
Tetrachloroethene
Concen: 0.393 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033994.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AG0

Tgt	Ion:164	Resp:	2311
Ion	Ratio	Lower	Upper
164	100		
129	106.3	67.8	125.8
131	81.5	63.0	117.0
166	127.0	92.6	172.0

