

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034329.D
 Acq On : 21 Feb 2024 19:12
 Operator : SY/MD
 Sample : P1498-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2

Quant Time: Feb 22 00:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

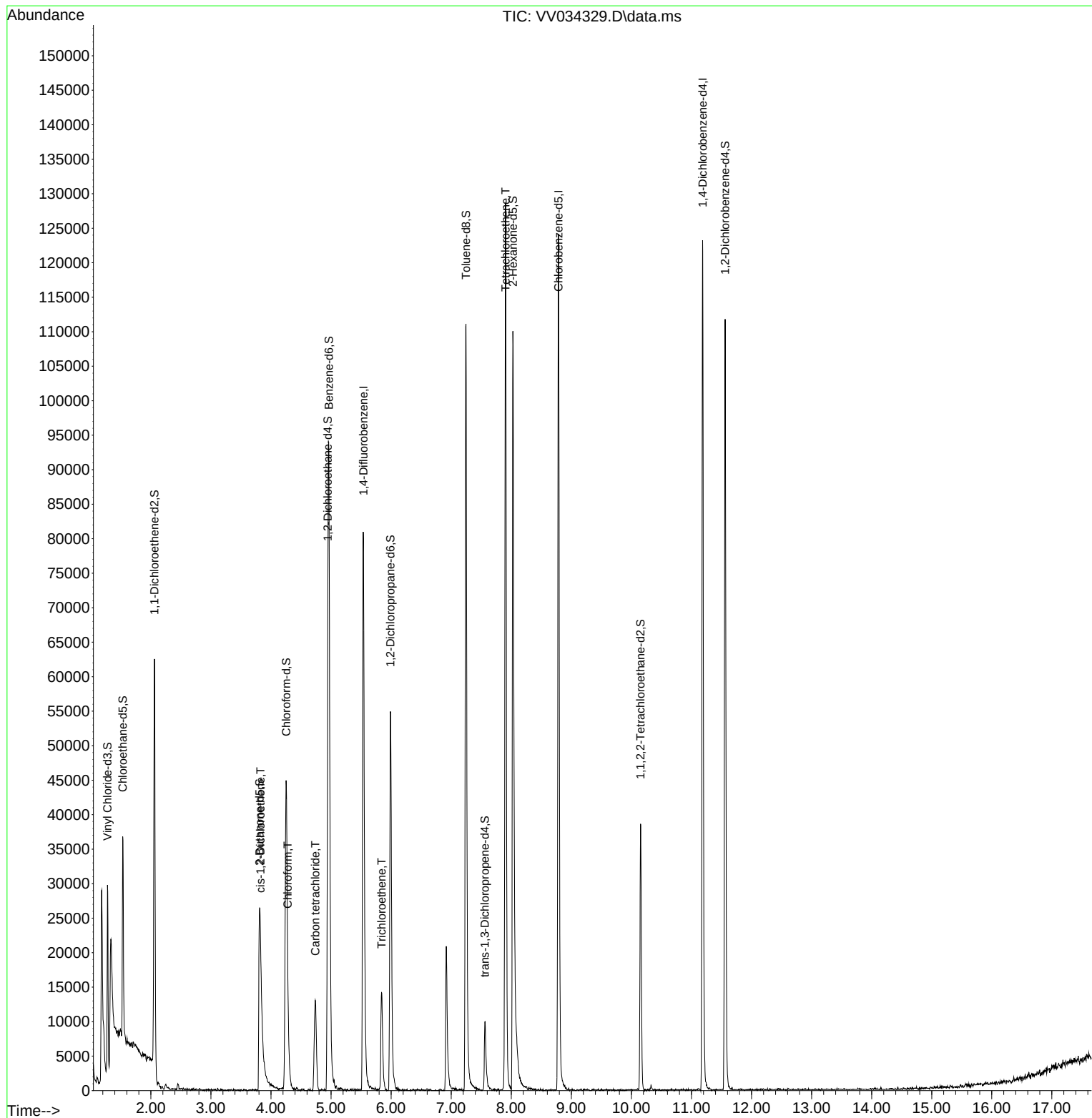
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	72393	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	67481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	32686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18019	3.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.532	69	18126	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.060	65	9926	3.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.809	46	53545	56.865	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.720%
24) Chloroform-d	4.252	84	46927	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.947	65	25069	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	4.963	84	84698	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.989	67	25685	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.246	98	75418	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.561	79	7363	3.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.027	63	39909	52.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	17549	5.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28945	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
22) cis-1,2-Dichloroethene	3.825	96	1968	0.337	ug/L	95
25) Chloroform	4.278	83	5347	0.559	ug/L	94
31) Carbon tetrachloride	4.738	117	10097	1.274	ug/L	93
34) Trichloroethene	5.844	95	5575	0.952	ug/L	97
47) Tetrachloroethene	7.905	164	27166	5.708	ug/L	97

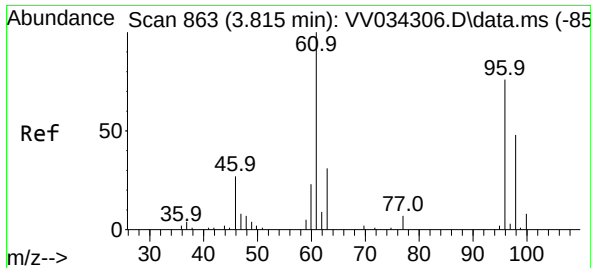
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.337 ug/L

RT: 3.825 min Scan# 80

Delta R.T. 0.010 min

Lab File: VV034329.D

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ClientSampleId :

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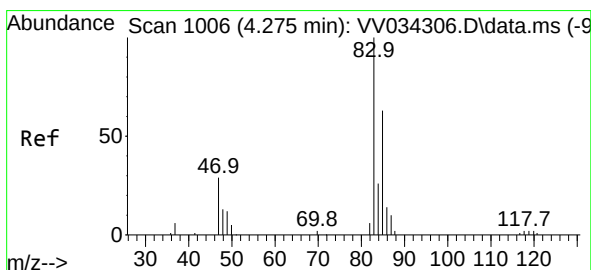
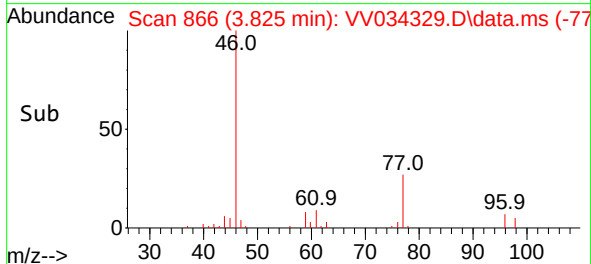
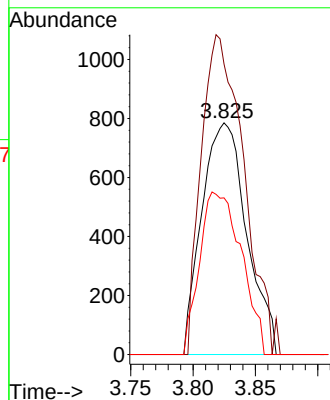
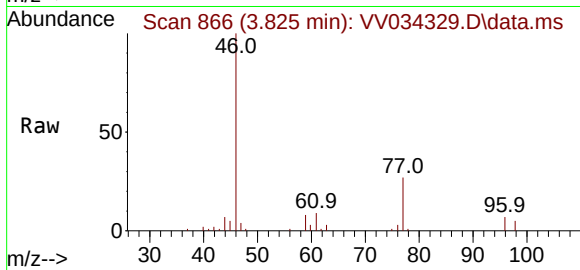
Tgt Ion: 96 Resp: 1968

Ion Ratio Lower Upper

96 100

61 125.4 90.3 167.7

98 67.6 43.2 80.2



#25

Chloroform

Concen: 0.559 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034329.D

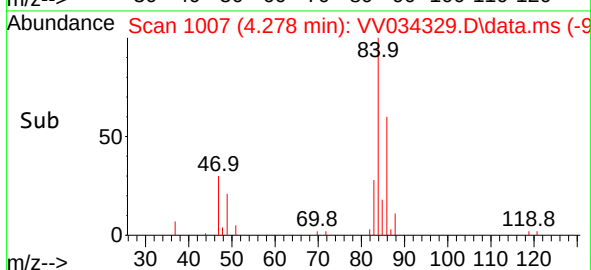
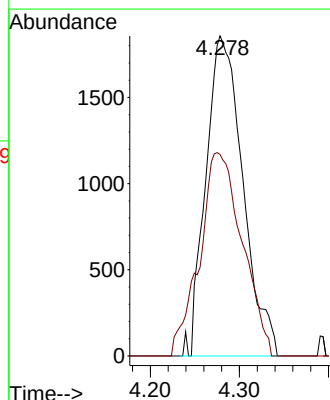
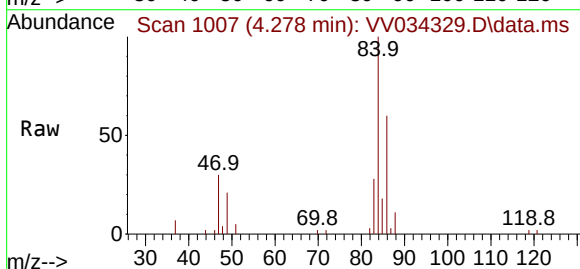
Acq: 21 Feb 2024 19:12

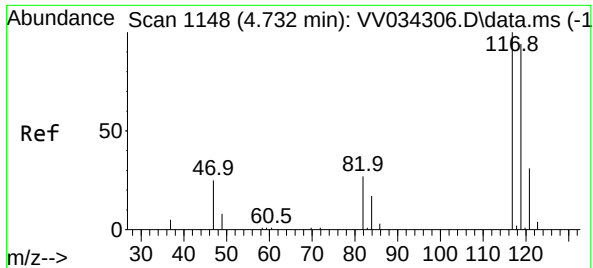
Tgt Ion: 83 Resp: 5347

Ion Ratio Lower Upper

83 100

85 63.0 47.5 88.1

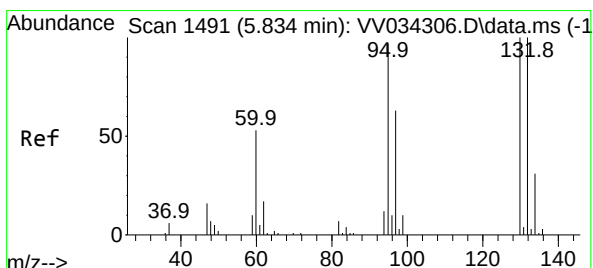
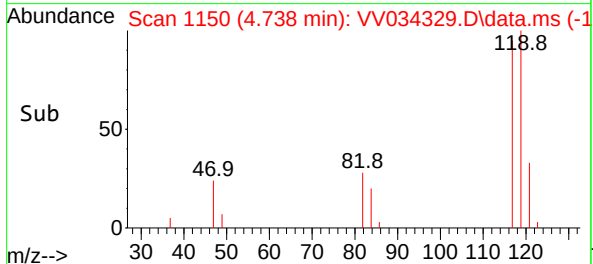
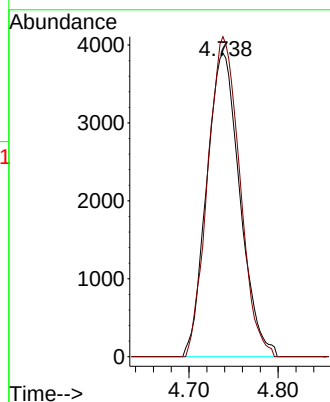
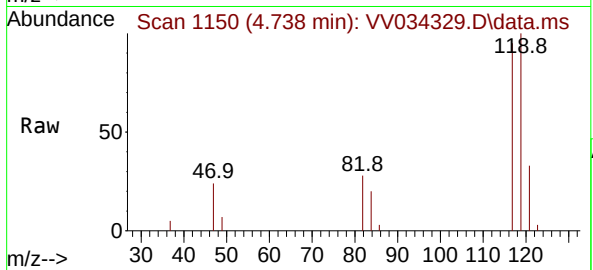




#31
Carbon tetrachloride
Concen: 1.274 ug/L
RT: 4.738 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV034329.D
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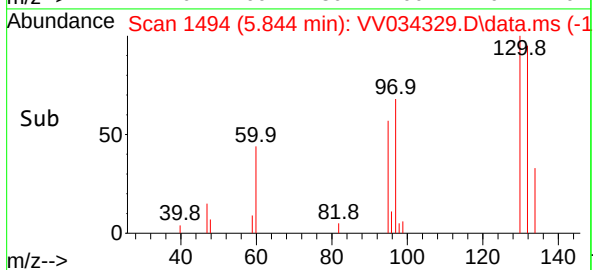
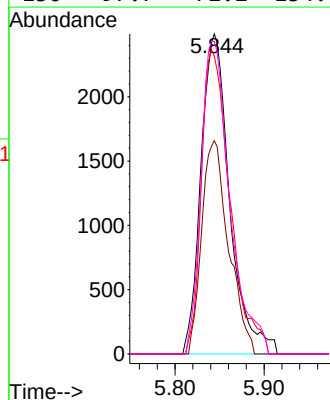
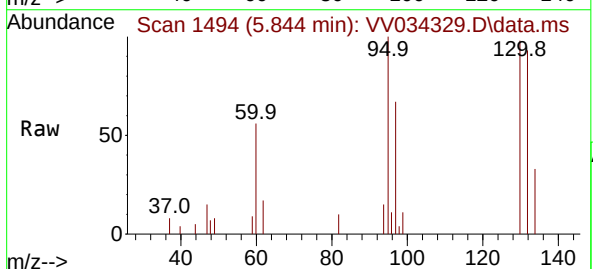
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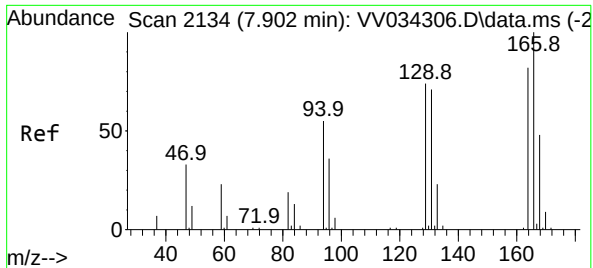
Tgt Ion:117 Resp: 10097
Ion Ratio Lower Upper
117 100
119 101.7 76.1 114.1



#34
Trichloroethene
Concen: 0.952 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV034329.D
Acq: 21 Feb 2024 19:12

Tgt Ion: 95 Resp: 5575
Ion Ratio Lower Upper
95 100
97 66.7 45.1 83.7
132 93.2 66.0 122.6
130 97.7 72.2 134.0





#47
 Tetrachloroethene
 Concen: 5.708 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034329.D
 Acq: 21 Feb 2024 19:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2

Tgt Ion:164	Resp:	27166
Ion	Ratio	Lower Upper
164	100	
129	93.6	67.8 125.8
131	87.4	63.0 117.0
166	128.8	92.6 172.0

