

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029220.D
 Acq On : 20 Nov 2022 13:11
 Operator : SY/MD
 Sample : N5651-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L2

Quant Time: Nov 21 00:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

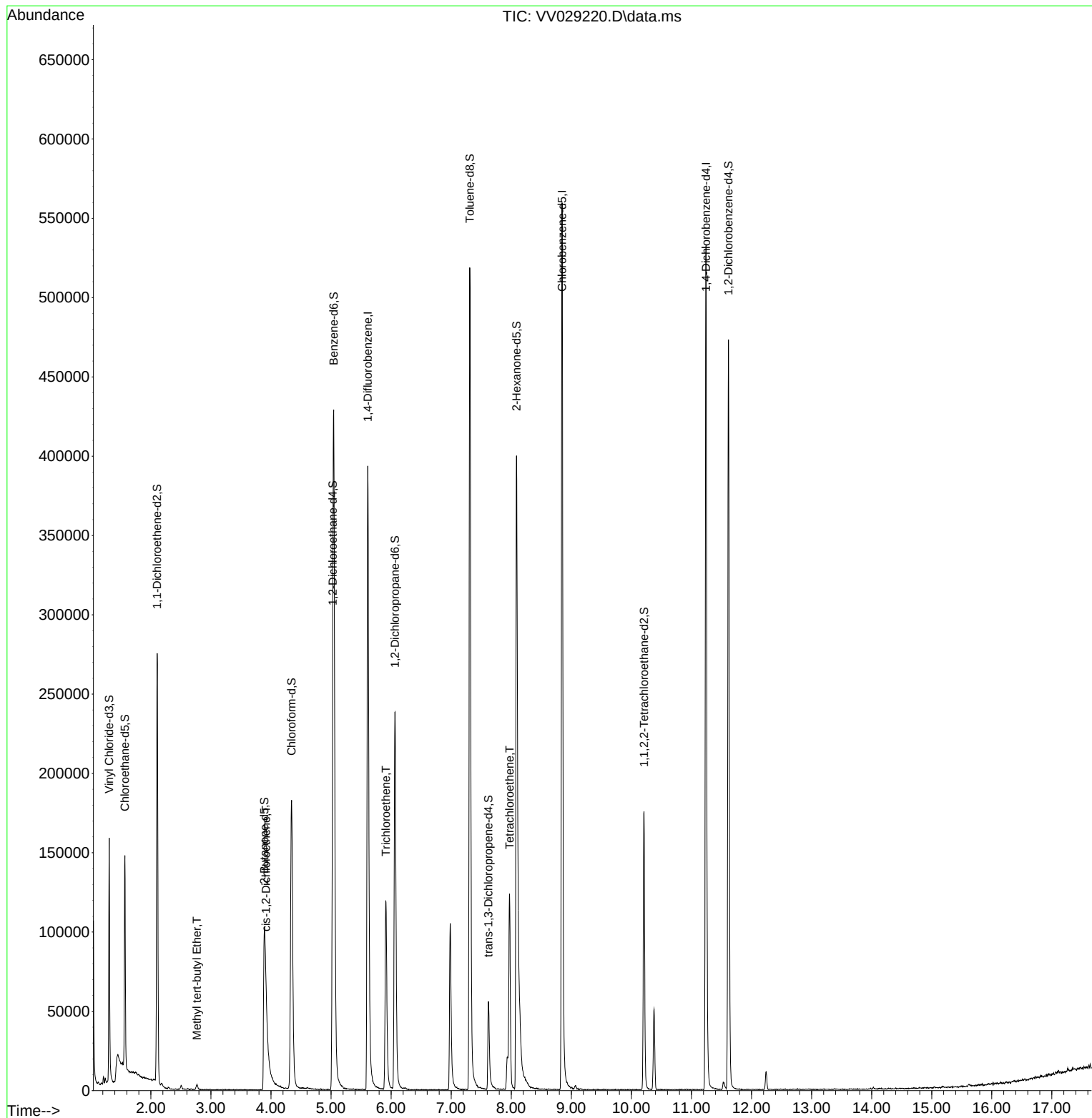
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	373694	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	339014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	154069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	105344	4.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	88537	4.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.105	63	137924	3.322	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.889	46	212848	55.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.620%
24) Chloroform-d	4.342	84	200872	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.027	65	91085	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.043	84	425555	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.063	67	126418	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.310	98	372364	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.619	79	37710	4.092	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	177471	45.115	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	89795	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	135207	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.767	73	3244	0.067	ug/L	# 81
22) cis-1,2-Dichloroethene	3.915	96	2562	0.096	ug/L	84
34) Trichloroethene	5.912	95	44840	1.691	ug/L	99
47) Tetrachloroethene	7.973	164	30541	1.438	ug/L	97

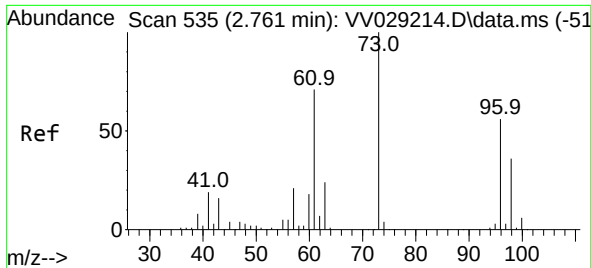
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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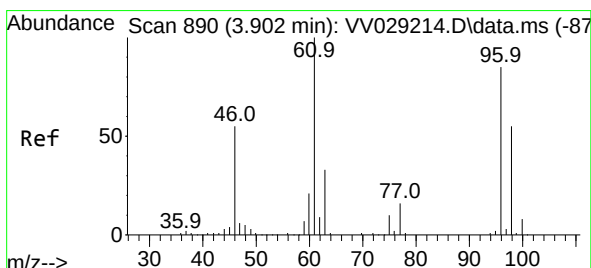
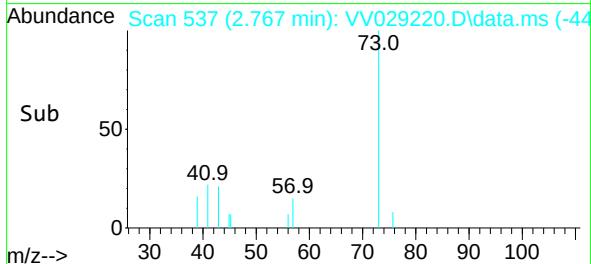
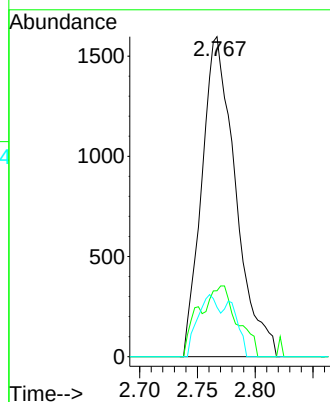
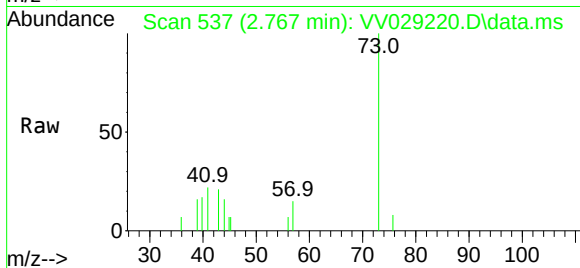




#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

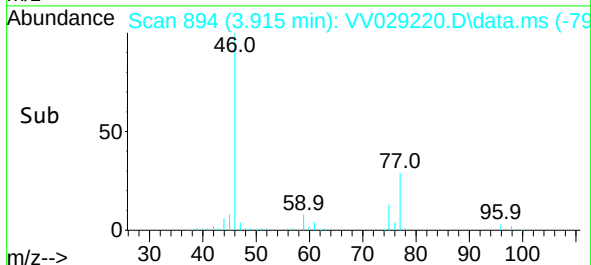
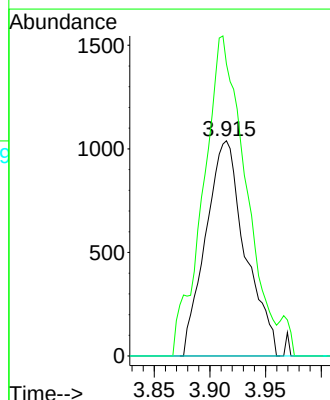
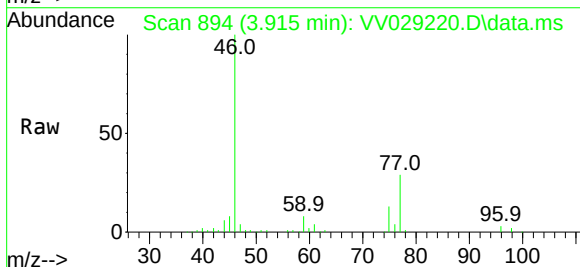
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BH1L2

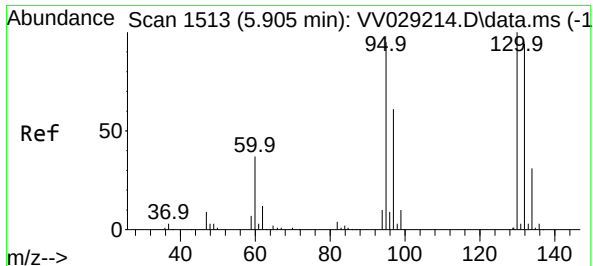
Tgt Ion: 73 Resp: 3244
Ion Ratio Lower Upper
73 100
43 19.1 13.0 19.4
57 7.3 16.6 24.8#



#22
cis-1,2-Dichloroethene
Concen: 0.096 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

Tgt Ion: 96 Resp: 2562
Ion Ratio Lower Upper
96 100
61 135.7 82.3 152.9
68 0.0 0.0 0.0



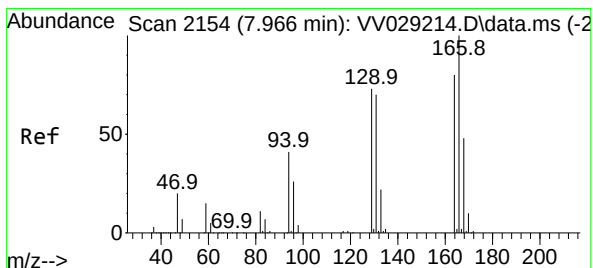
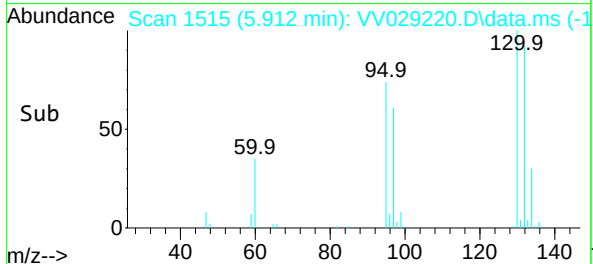
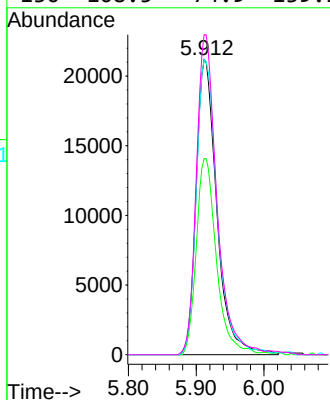
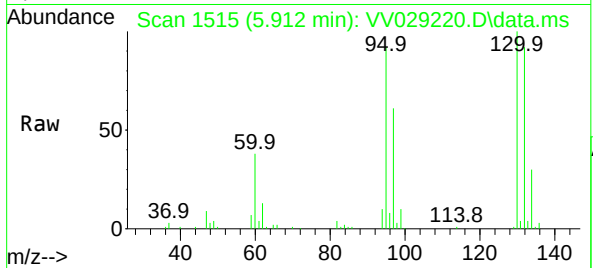


#34
Trichloroethene
Concen: 1.691 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

Instrument :
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Tgt Ion: 95 Resp: 44840

Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.6	84.8
132	99.9	69.1	128.3
130	108.5	74.9	139.1



#47
Tetrachloroethene
Concen: 1.438 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VV029220.D
Acq: 20 Nov 2022 13:11

Tgt Ion: 164 Resp: 30541

Ion	Ratio	Lower	Upper
164	100		
129	91.5	63.9	118.7
131	93.1	61.8	114.8
166	131.8	90.2	167.4

