

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022713.D
 Acq On : 08 Oct 2021 19:43
 Operator : SY/MD
 Sample : M4022-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B00

Quant Time: Oct 09 01:26:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

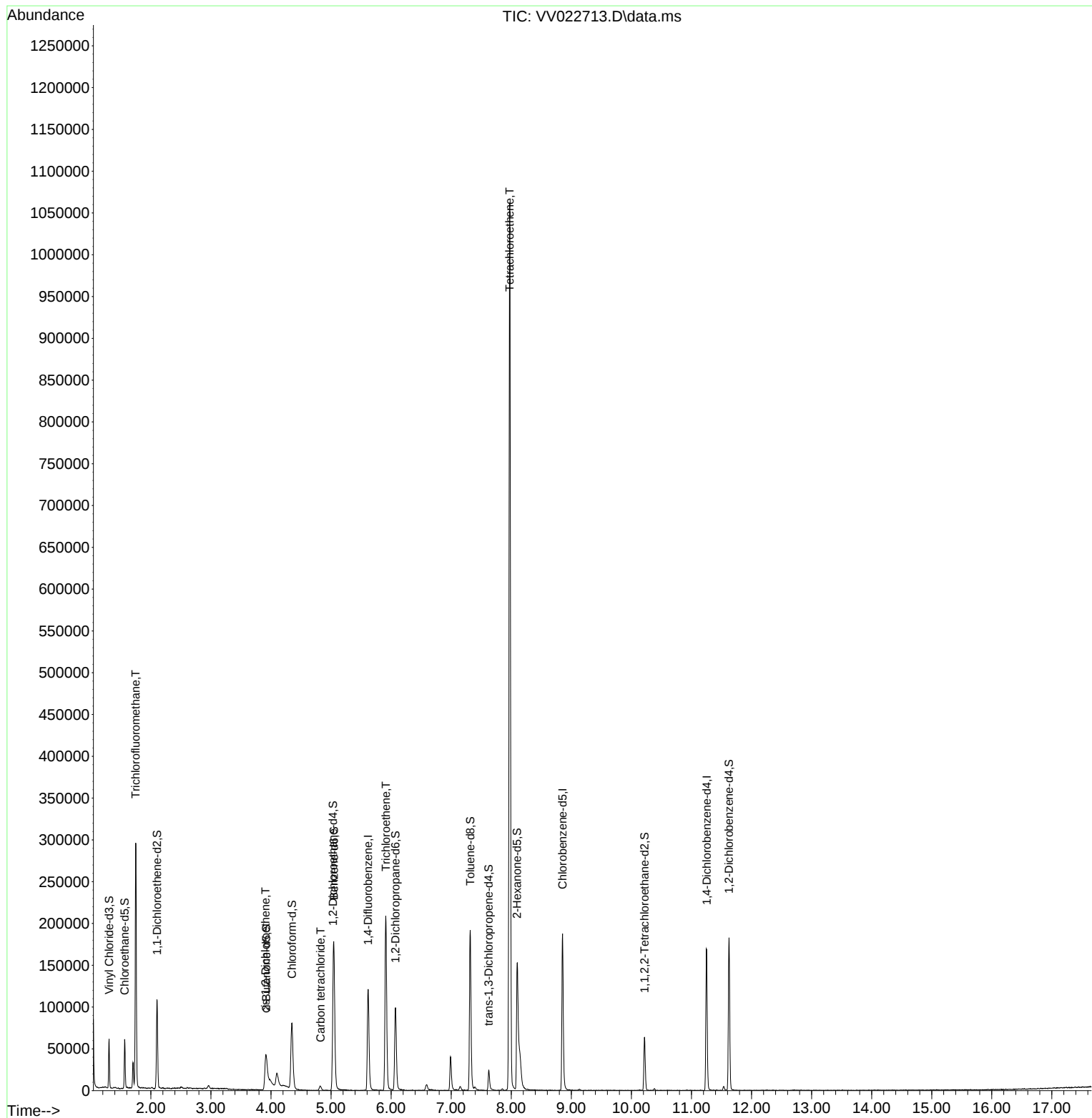
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	106867	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35633	4.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.564	69	33938	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.101	63	54987	3.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.921	46	73173	37.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.920%
24) Chloroform-d	4.349	84	80269	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	38153	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.047	84	152772	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.072	67	48745	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	127410	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	13733	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.098	63	64219	50.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	31495	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	48584	5.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.748	101	167285	14.120	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	7888	1.070	ug/L	97
31) Carbon tetrachloride	4.828	117	3689	0.343	ug/L	96
34) Trichloroethene	5.912	95	70661	8.886	ug/L	98
47) Tetrachloroethene	7.976	164	247643	38.508	ug/L	98

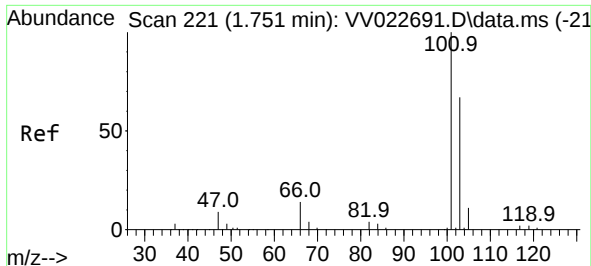
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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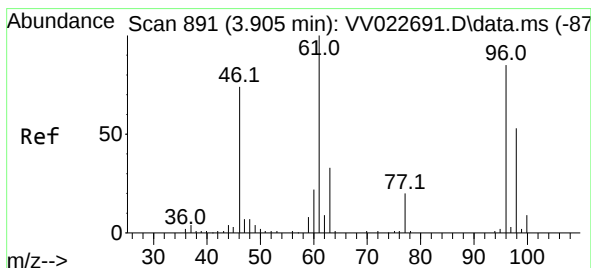
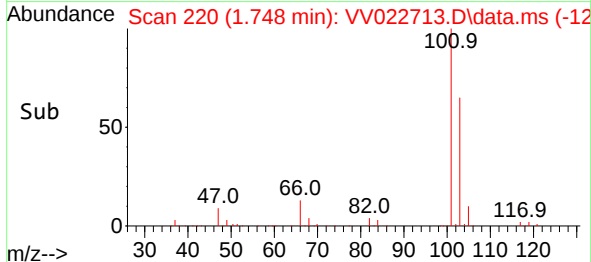
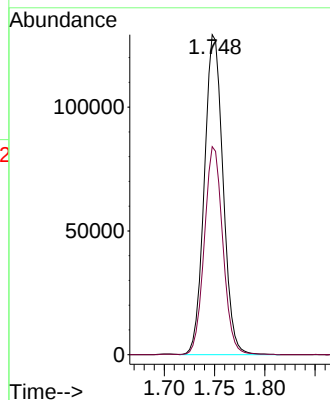
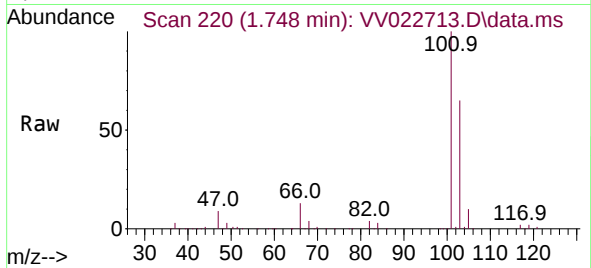




#9
Trichlorofluoromethane
Concen: 14.120 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

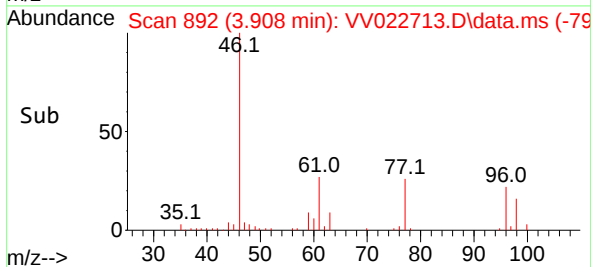
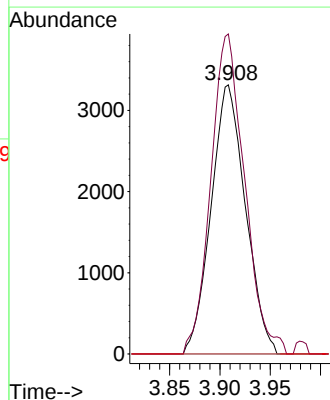
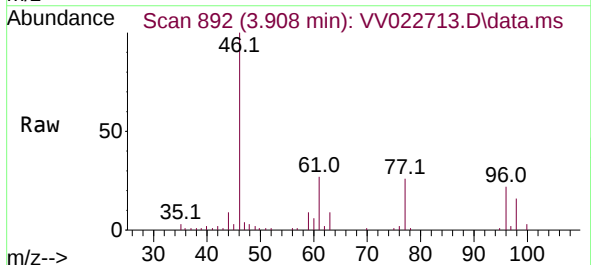
Instrument :
MSVOA_V
ClientSampleId :
C0B00

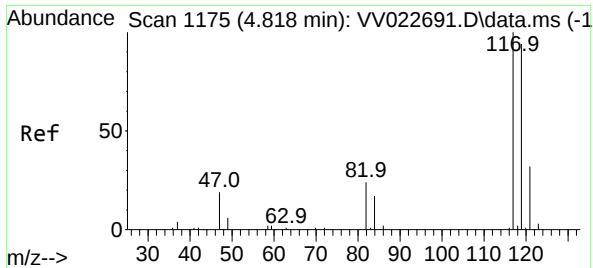
Tgt Ion:101 Resp: 167285
Ion Ratio Lower Upper
101 100
103 64.4 50.3 75.5



#22
cis-1,2-Dichloroethene
Concen: 1.070 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Tgt Ion: 96 Resp: 7888
Ion Ratio Lower Upper
96 100
61 118.9 86.0 159.6
68 0.0 0.0 0.0

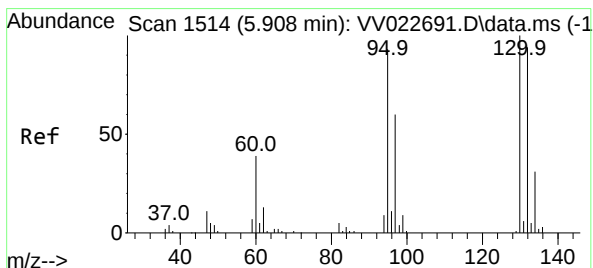
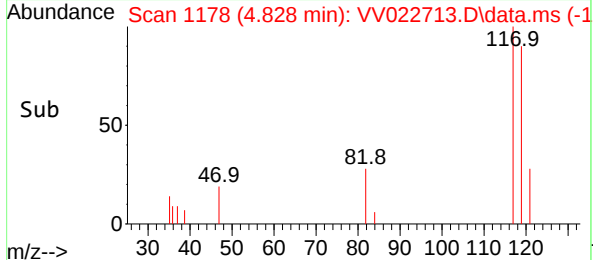
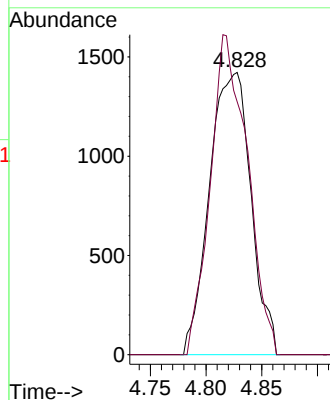
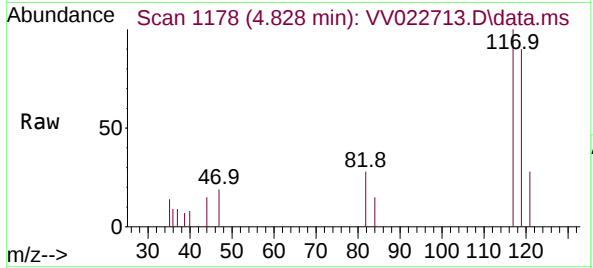




#31
Carbon tetrachloride
Concen: 0.343 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

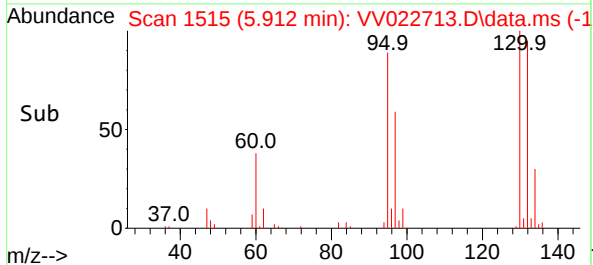
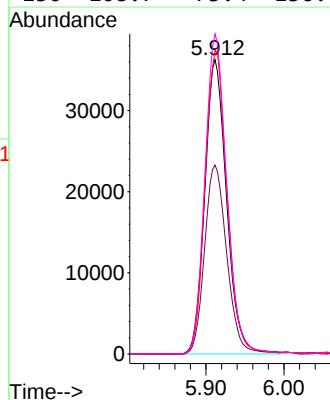
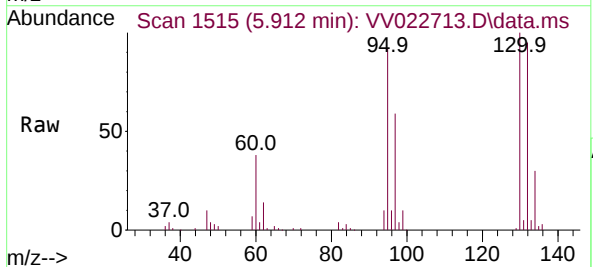
Instrument :
MSVOA_V
ClientSampled :
C0B00

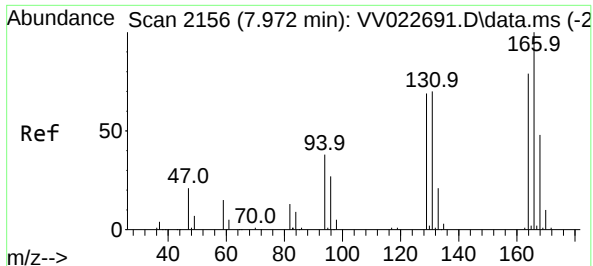
Tgt Ion:117 Resp: 3689
Ion Ratio Lower Upper
117 100
119 101.0 77.4 116.0



#34
Trichloroethene
Concen: 8.886 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

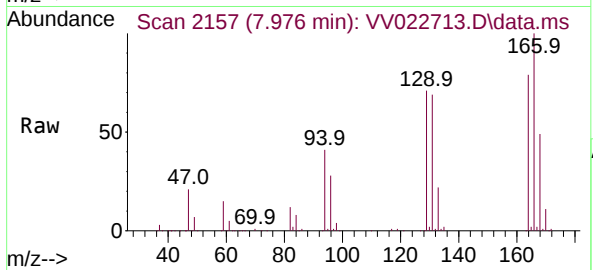
Tgt Ion: 95 Resp: 70661
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.2
132 103.1 72.2 134.0
130 108.7 73.4 136.4





#47
Tetrachloroethene
Concen: 38.508 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022713.D
Acq: 08 Oct 2021 19:43

Instrument :
MSVOA_V
ClientSampleId :
C0B00



Tgt Ion:	164	Resp:	247643
Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.0	120.6
131	86.8	62.2	115.4
166	126.1	89.2	165.8

