

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027606.D
 Acq On : 30 Aug 2022 23:50
 Operator : SY/MD
 Sample : N4366-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F07DL

Quant Time: Aug 31 07:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

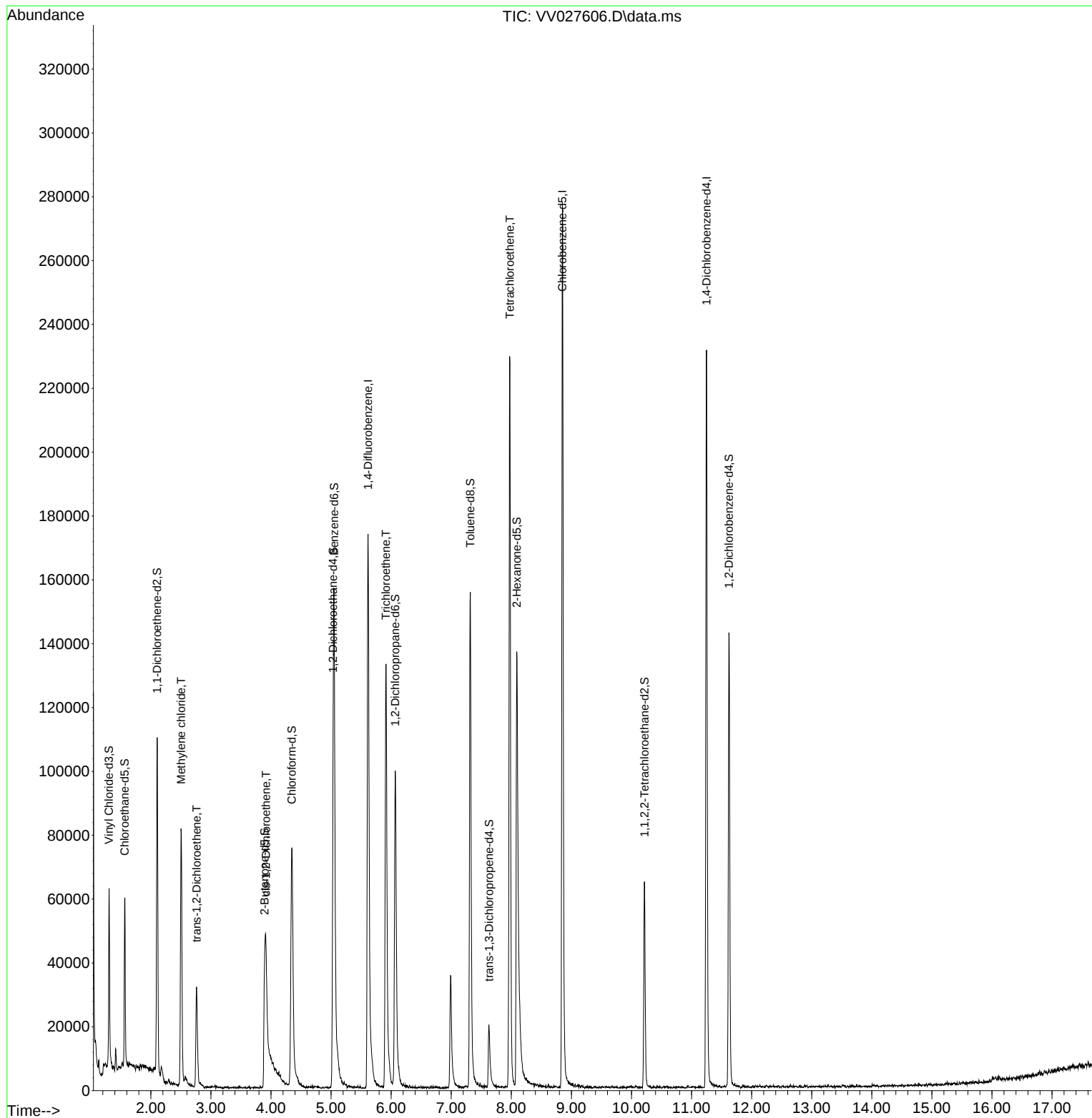
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152632	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38975	3.588	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.565	69	33093	4.163	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.105	63	56886	2.246	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	45.000%#	
20) 2-Butanone-d5	3.892	46	49377	36.525	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.040%	
24) Chloroform-d	4.346	84	85524	3.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
26) 1,2-Dichloroethane-d4	5.034	65	38735	4.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
32) Benzene-d6	5.050	84	145844	3.493	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.800%#	
36) 1,2-Dichloropropane-d6	6.069	67	49563	4.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.317	98	106596	2.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	56.600%#	
43) trans-1,3-Dichloroprop...	7.629	79	13454	3.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.800%	
46) 2-Hexanone-d5	8.092	63	53306	38.965	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31924	4.130	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	36912	4.157	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	32453	1.864	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	11020	0.926	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	13843	1.092	ug/L	93
34) Trichloroethene	5.912	95	48788	3.699	ug/L	98
47) Tetrachloroethene	7.976	164	51216	4.985	ug/L	95

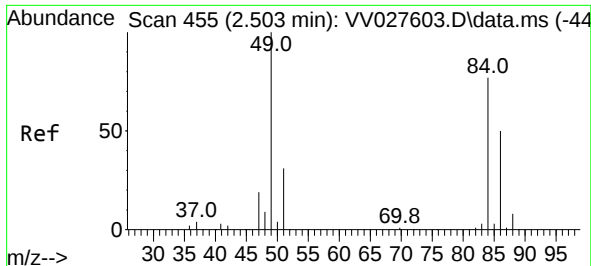
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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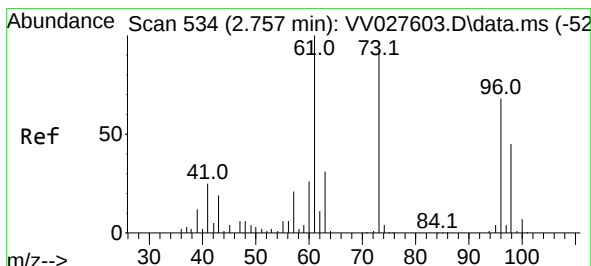
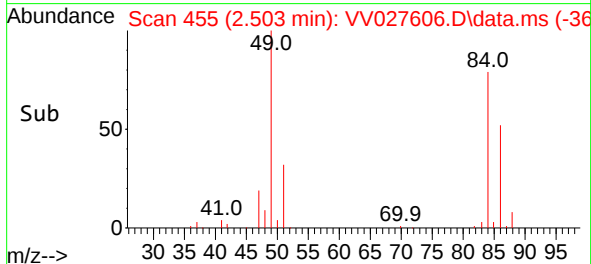
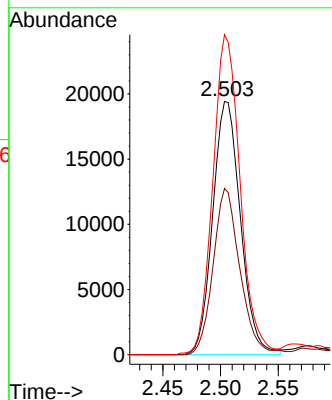
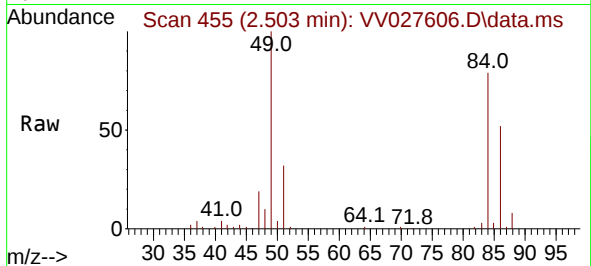




#16
Methylene chloride
Concen: 1.864 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027606.D
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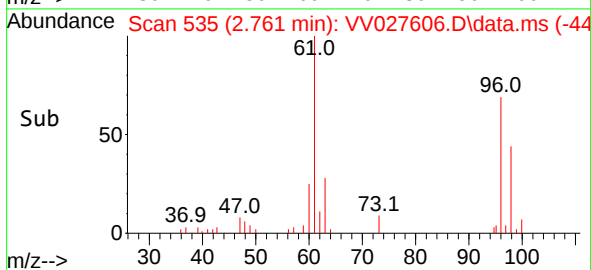
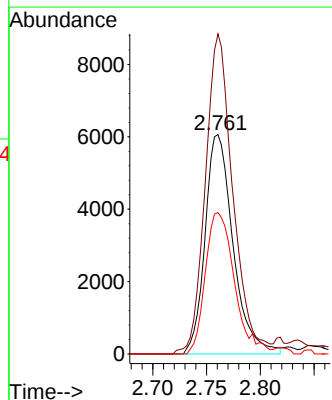
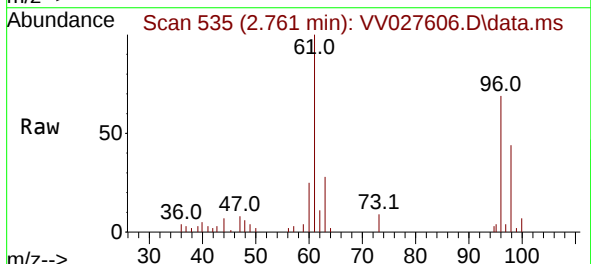
Instrument :
MSVOA_V
ClientSampleId :
F5F07DL

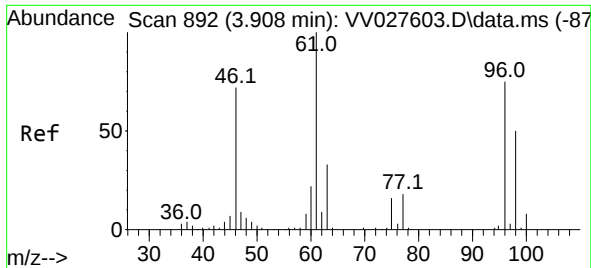
Tgt Ion:	84	Resp:	32453
Ion	Ratio	Lower	Upper
84	100		
86	65.6	44.0	81.6
49	126.3	89.4	166.0



#18
trans-1,2-Dichloroethene
Concen: 0.926 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Tgt Ion:	96	Resp:	11020
Ion	Ratio	Lower	Upper
96	100		
61	145.8	97.6	181.4
98	64.4	45.9	85.3

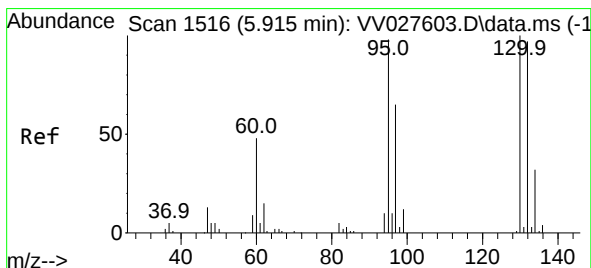
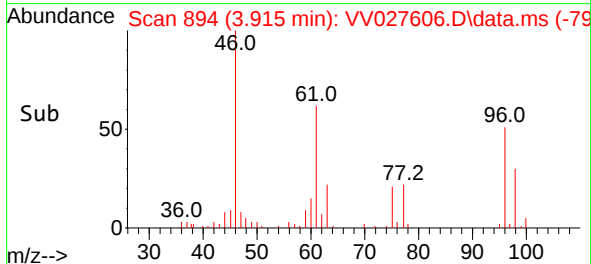
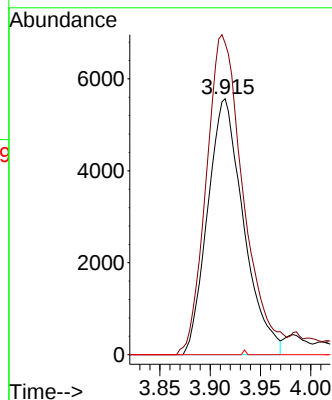
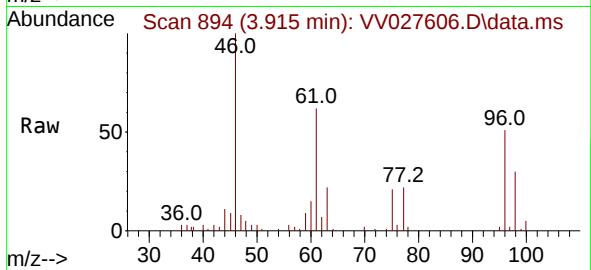




#22
cis-1,2-Dichloroethene
Concen: 1.092 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

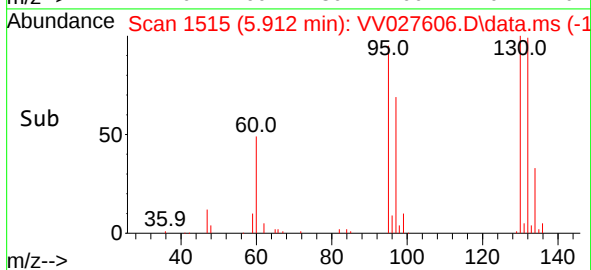
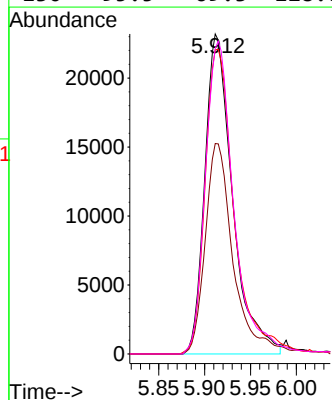
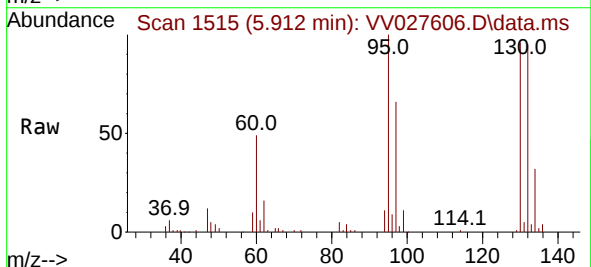
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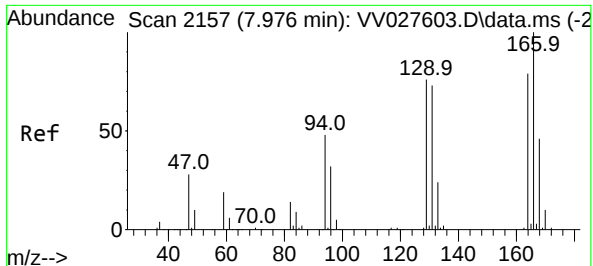
Tgt Ion: 96 Resp: 13843
Ion Ratio Lower Upper
96 100
61 121.6 90.6 168.2
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.699 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027606.D
Acq: 30 Aug 2022 23:50

Tgt Ion: 95 Resp: 48788
Ion Ratio Lower Upper
95 100
97 65.7 45.0 83.6
132 95.0 65.7 121.9
130 95.5 69.3 128.7





#47
 Tetrachloroethene
 Concen: 4.985 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV027606.D
 Acq: 30 Aug 2022 23:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F07DL

Tgt Ion:164	Resp:	51216
Ion	Ratio	Lower Upper
164	100	
129	91.8	71.1 132.1
131	92.1	64.5 119.9
166	121.1	89.4 166.0

