

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027374.D
 Acq On : 13 Aug 2022 17:35
 Operator : SY/MD
 Sample : N4162-14DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGBX2DL

Quant Time: Aug 13 21:53:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

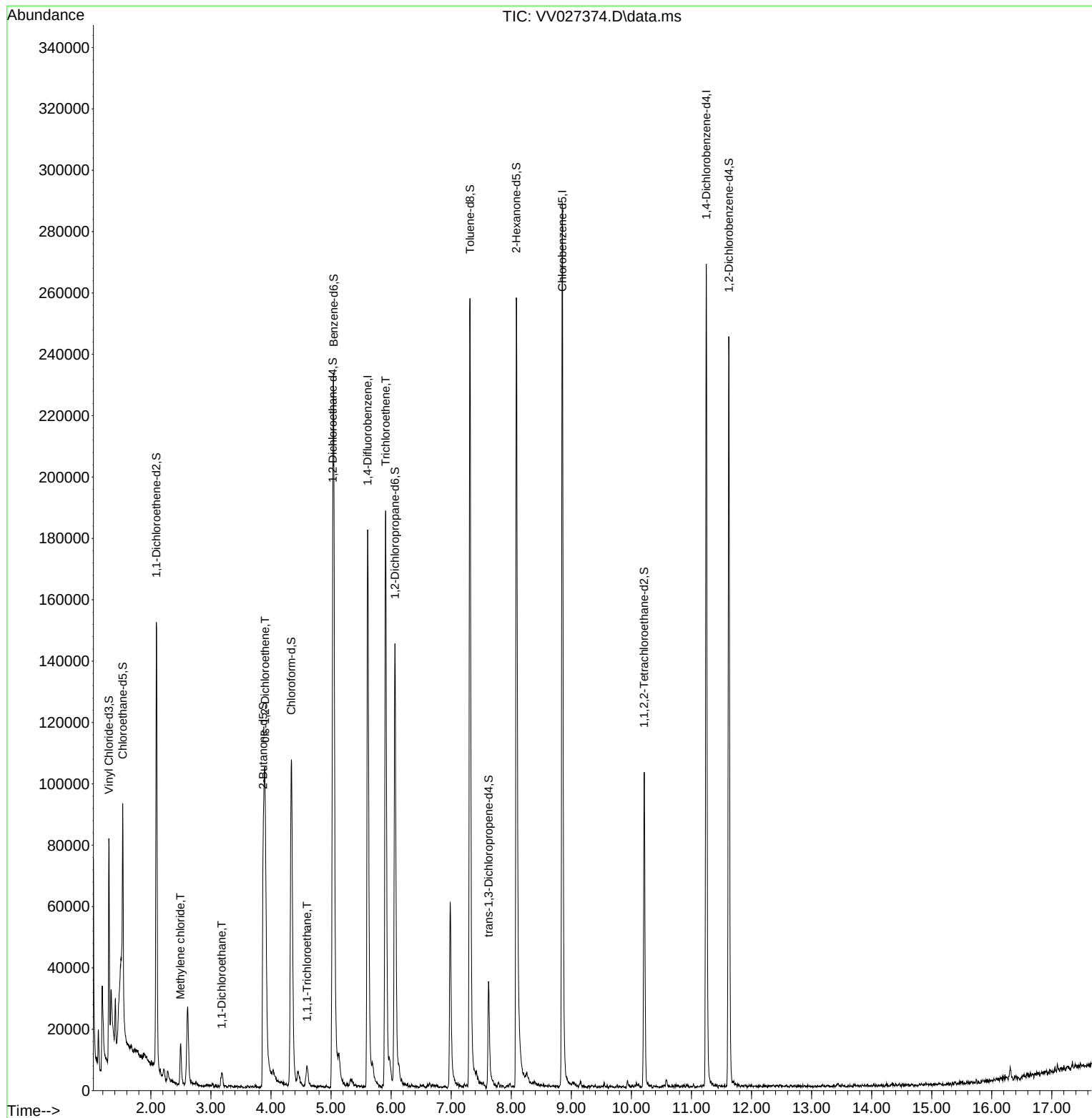
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	151733	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58029	4.402	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.532	69	36024	3.763	ug/L	-0.03
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.200%	
11) 1,1-Dichloroethene-d2	2.092	63	77181	3.228	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.870	46	121466	54.407	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.820%	
24) Chloroform-d	4.339	84	110463	4.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.027	65	54827	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.043	84	207737	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.063	67	71773	5.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.313	98	175570	4.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.622	79	20811	4.185	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.085	63	86553	44.978	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46936	4.519	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	60754	5.148	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
16) Methylene chloride	2.494	84	5226	0.298	ug/L	93
19) 1,1-Dichloroethane	3.178	63	4506	0.175	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	34797	2.633	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	5215	0.235	ug/L #	88
34) Trichloroethene	5.908	95	64480	4.816	ug/L	99

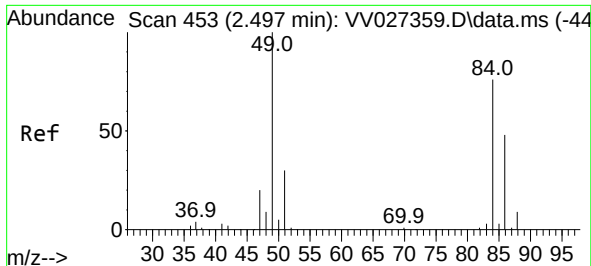
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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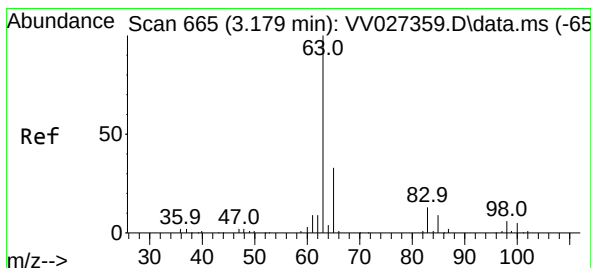
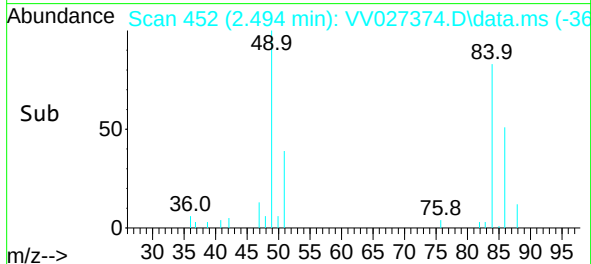
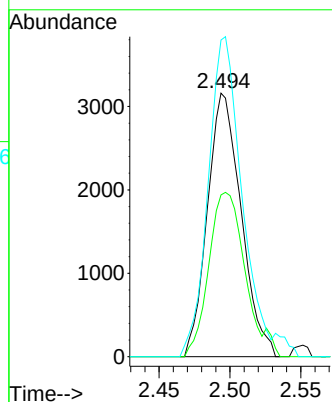
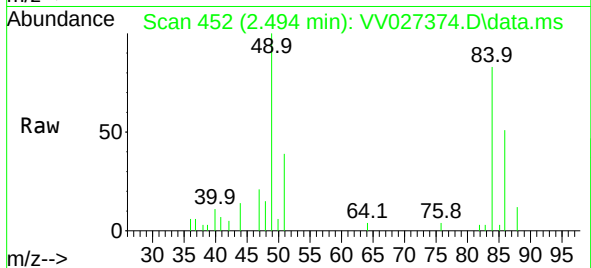




#16
Methylene chloride
Concen: 0.298 ug/L
RT: 2.494 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027374.D
Acq: 13 Aug 2022 17:35

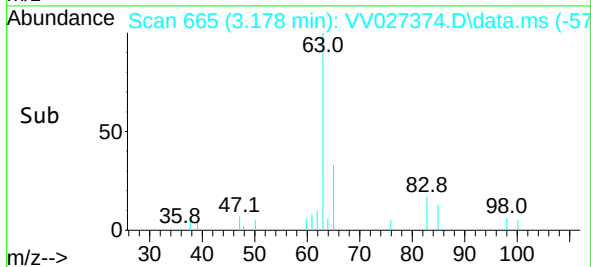
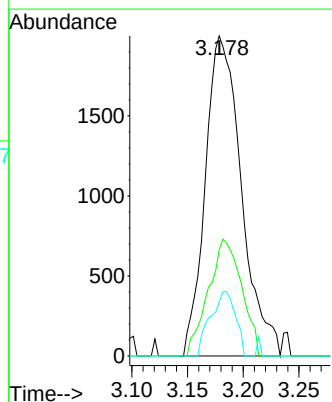
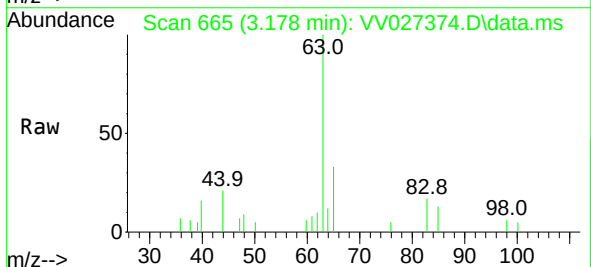
Instrument :
MSVOA_V
ClientSampleId :
BGBX2DL

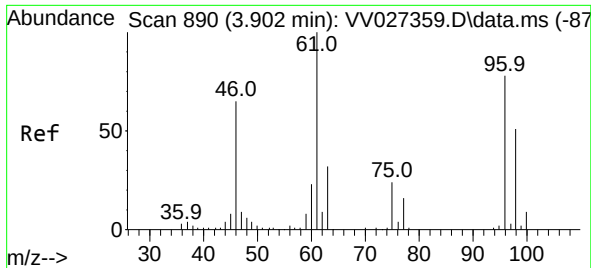
Tgt Ion: 84 Resp: 5226
Ion Ratio Lower Upper
84 100
86 61.4 45.1 83.9
49 120.2 91.2 169.4



#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.178 min Scan# 665
Delta R.T. -0.000 min
Lab File: VV027374.D
Acq: 13 Aug 2022 17:35

Tgt Ion: 63 Resp: 4506
Ion Ratio Lower Upper
63 100
65 33.3 21.6 40.2
83 17.0 9.3 17.3

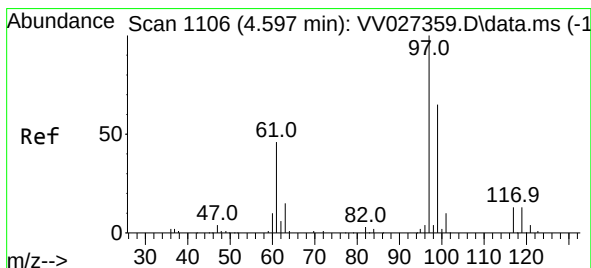
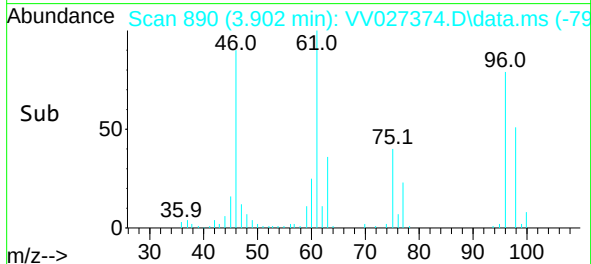
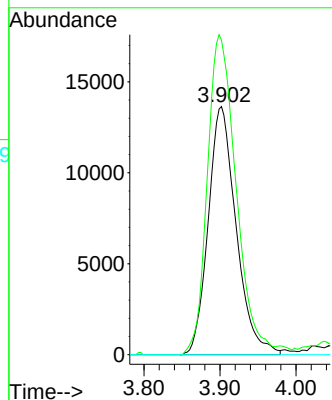
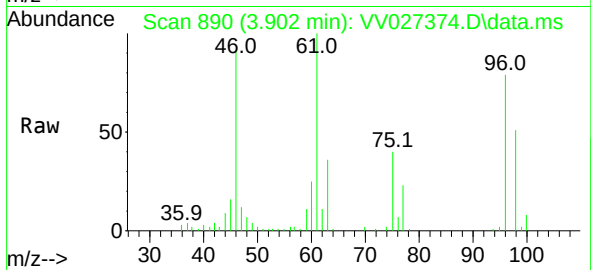




#22
 cis-1,2-Dichloroethene
 Concen: 2.633 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV027374.D
 Acq: 13 Aug 2022 17:35

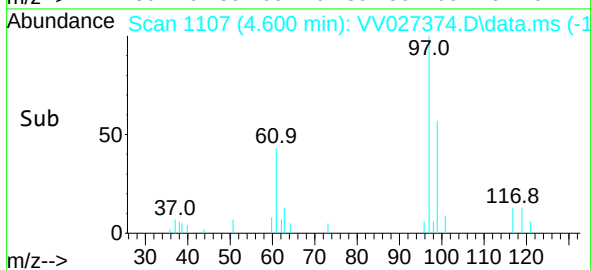
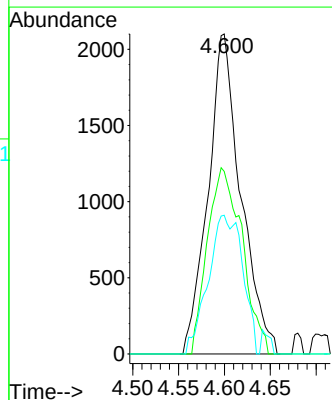
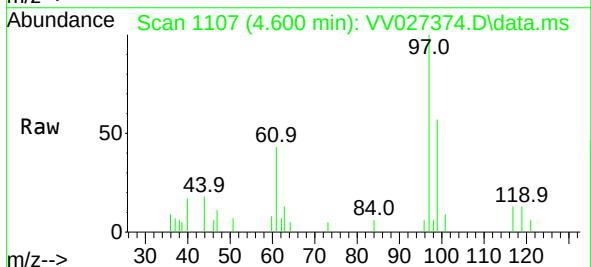
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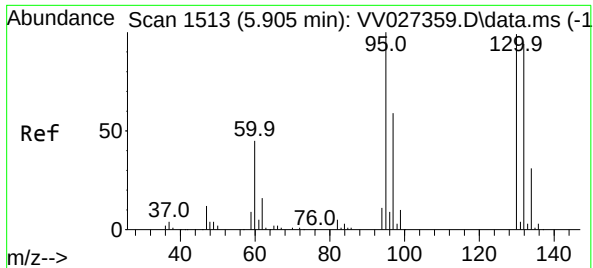
Tgt Ion: 96 Resp: 34797
 Ion Ratio Lower Upper
 96 100
 61 126.8 91.3 169.5
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.235 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV027374.D
 Acq: 13 Aug 2022 17:35

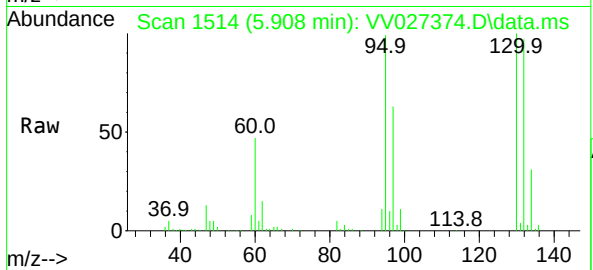
Tgt Ion: 97 Resp: 5215
 Ion Ratio Lower Upper
 97 100
 99 61.8 50.8 76.2
 61 29.2 36.5 54.7#





#34
 Trichloroethene
 Concen: 4.816 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV027374.D
 Acq: 13 Aug 2022 17:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BGBX2DL



Tgt Ion: 95 Resp: 64480

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.5	84.5
132	98.1	68.2	126.6
130	101.3	70.3	130.7

