

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022184.D
 Acq On : 17 Sep 2021 14:36
 Operator : SY/MD
 Sample : VIBLK209
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 02:57:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 02:49:48 2021
 Response via : Initial Calibration

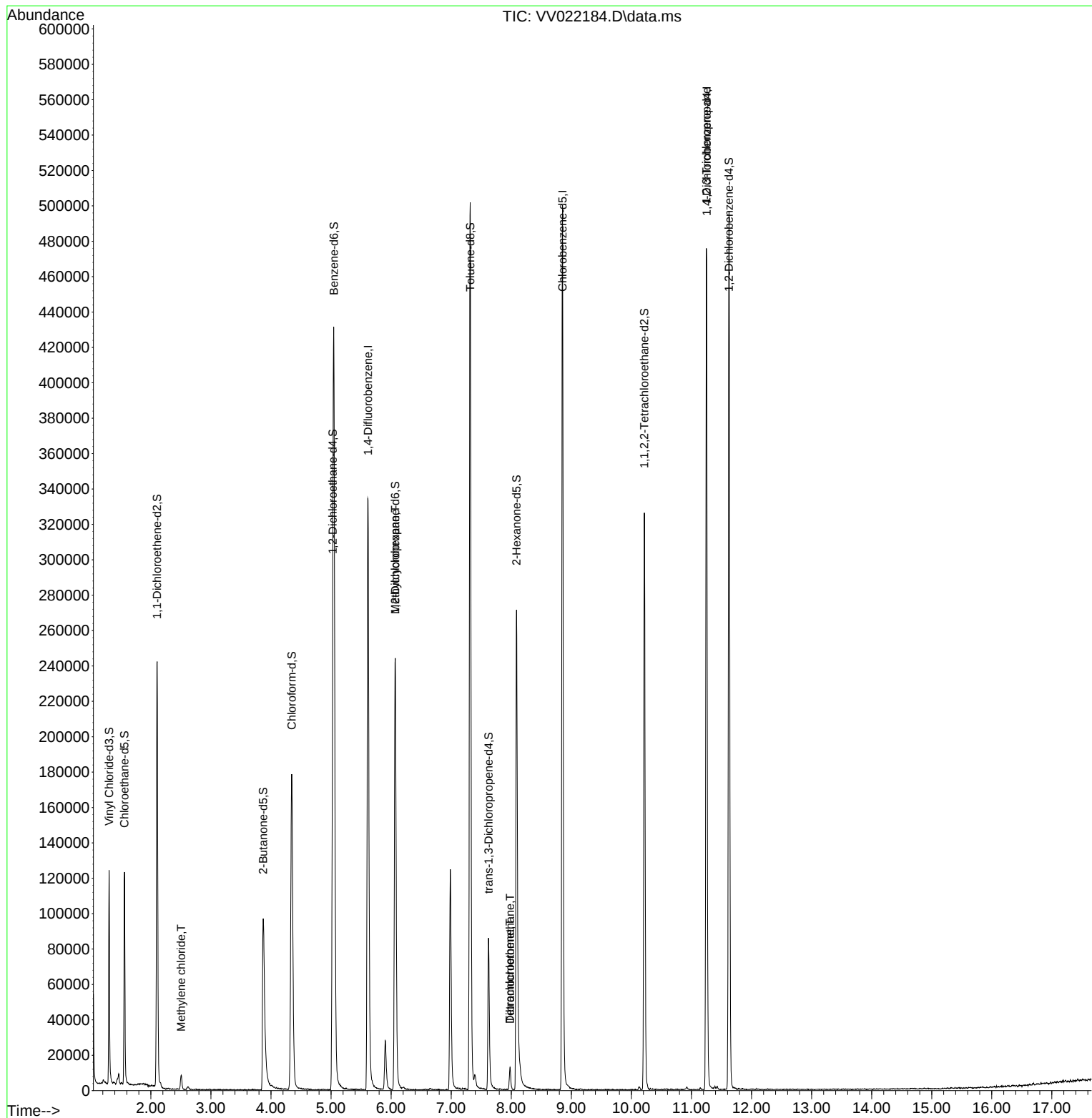
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	304065	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	282130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	130399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76798	36.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.940%
7) Chloroethane-d5	1.561	69	74863	45.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.102	63	122402	35.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.300%
21) 2-Butanone-d5	3.870	46	152083	105.312	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.310%
24) Chloroform-d	4.346	84	186593	48.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.027	65	117544	51.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.960%
32) Benzene-d6	5.047	84	376789	49.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	6.069	67	124354	51.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.340%
41) Toluene-d8	7.317	98	335217	46.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.820%
43) trans-1,3-Dichloroprop...	7.622	79	49321	43.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
47) 2-Hexanone-d5	8.088	63	90325	97.819	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	153036	49.653	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.300%
66) 1,2-Dichlorobenzene-d4	11.625	152	132959	51.866	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.740%
Target Compounds						
16) Methylene chloride	2.503	84	3351	1.426	ug/L	93
35) Methylcyclohexane	6.069	83	29954	8.812	ug/L #	21
46) Tetrachloroethene	7.979	164	3195	1.767	ug/L	96
49) Dibromochloromethane	7.982	129	2762	1.192	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	14591	6.456	ug/L #	64

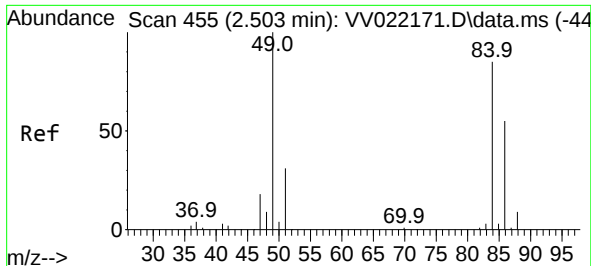
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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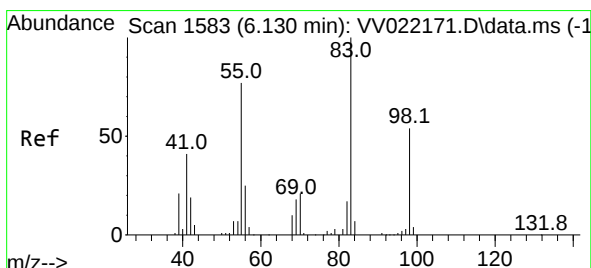
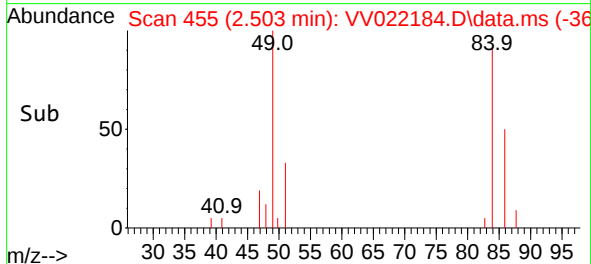
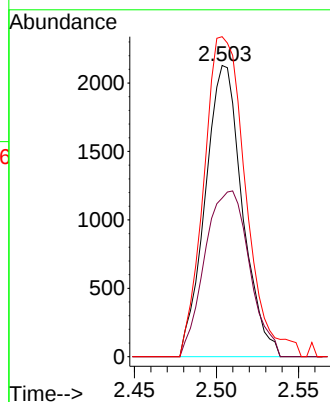
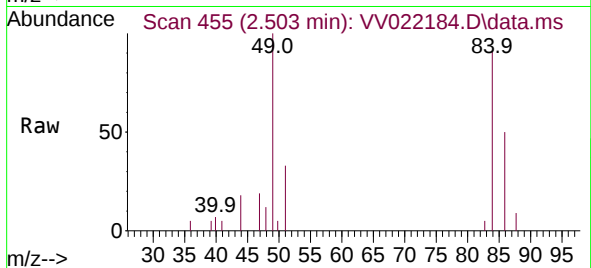




#16
Methylene chloride
Concen: 1.426 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022184.D
Acq: 17 Sep 2021 14:36

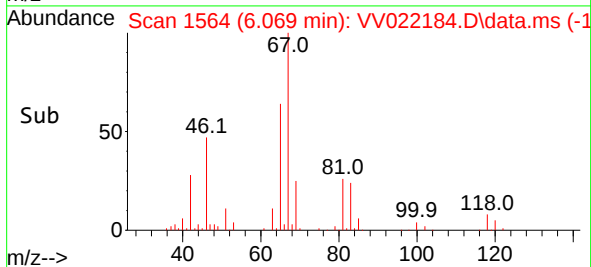
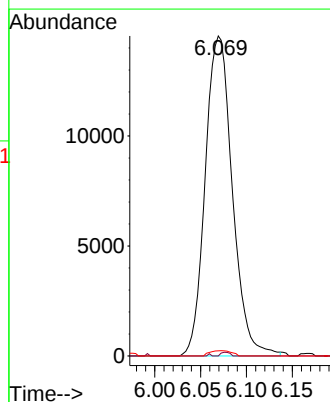
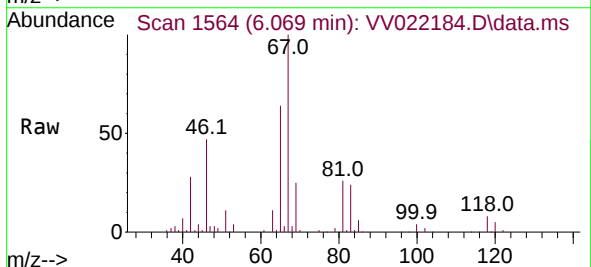
Instrument :
MSVOA_V
ClientSampled :

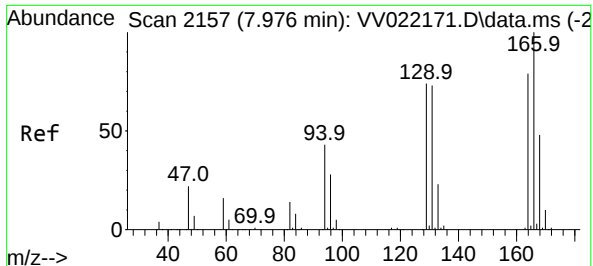
Tgt Ion: 84 Resp: 3351
Ion Ratio Lower Upper
84 100
86 54.5 44.8 83.2
49 109.9 80.2 149.0



#35
Methylcyclohexane
Concen: 8.812 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022184.D
Acq: 17 Sep 2021 14:36

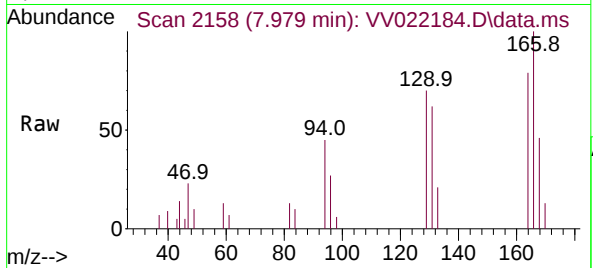
Tgt Ion: 83 Resp: 29954
Ion Ratio Lower Upper
83 100
55 0.4 56.8 85.2#
98 1.3 39.9 59.9#





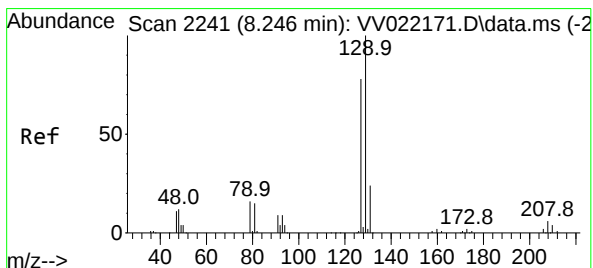
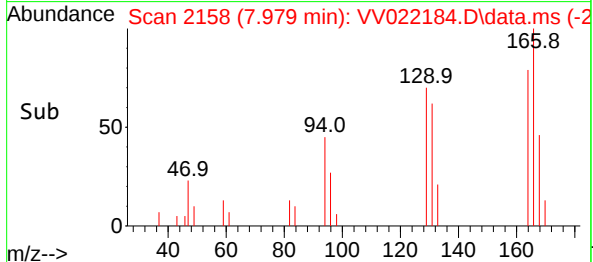
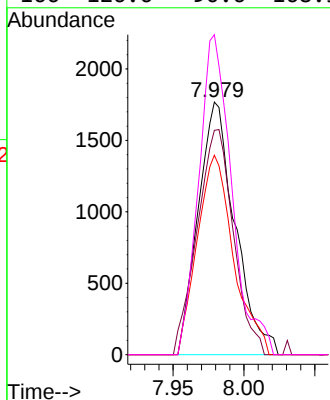
#46
Tetrachloroethene
Concen: 1.767 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022184.D
Acq: 17 Sep 2021 14:36

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:164 Resp: 3195

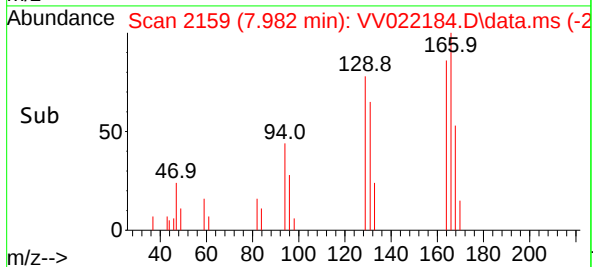
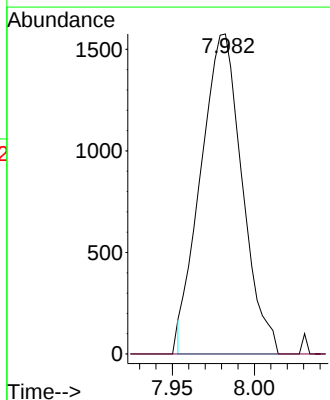
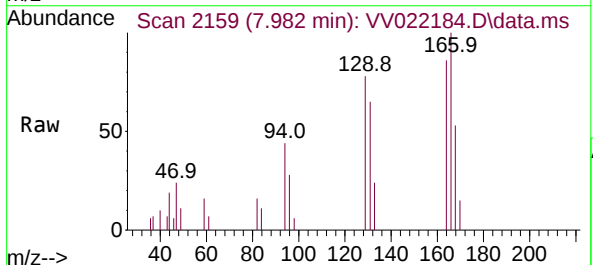
Ion	Ratio	Lower	Upper
164	100		
129	88.8	62.9	116.9
131	79.0	61.0	113.4
166	126.6	90.6	168.3

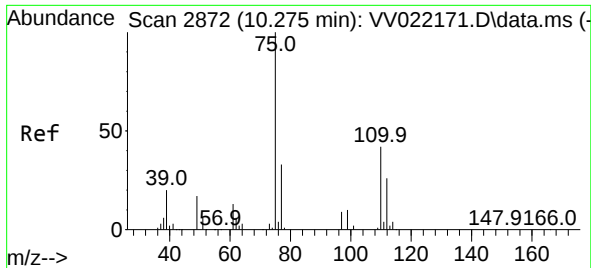


#49
Dibromochloromethane
Concen: 1.192 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV022184.D
Acq: 17 Sep 2021 14:36

Tgt Ion:129 Resp: 2762

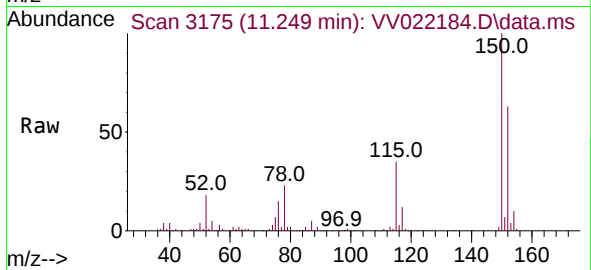
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#61
 1,2,3-Trichloropropane
 Concen: 6.456 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022184.D
 Acq: 17 Sep 2021 14:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	14591
Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.2	39.2
110	2.6	33.8	50.6#

