

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052223\
 Data File : VV031161.D
 Acq On : 22 May 2023 13:21
 Operator : SY/MD
 Sample : 02866-15DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX90DL

Quant Time: May 23 04:51:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 23 04:42:12 2023
 Response via : Initial Calibration

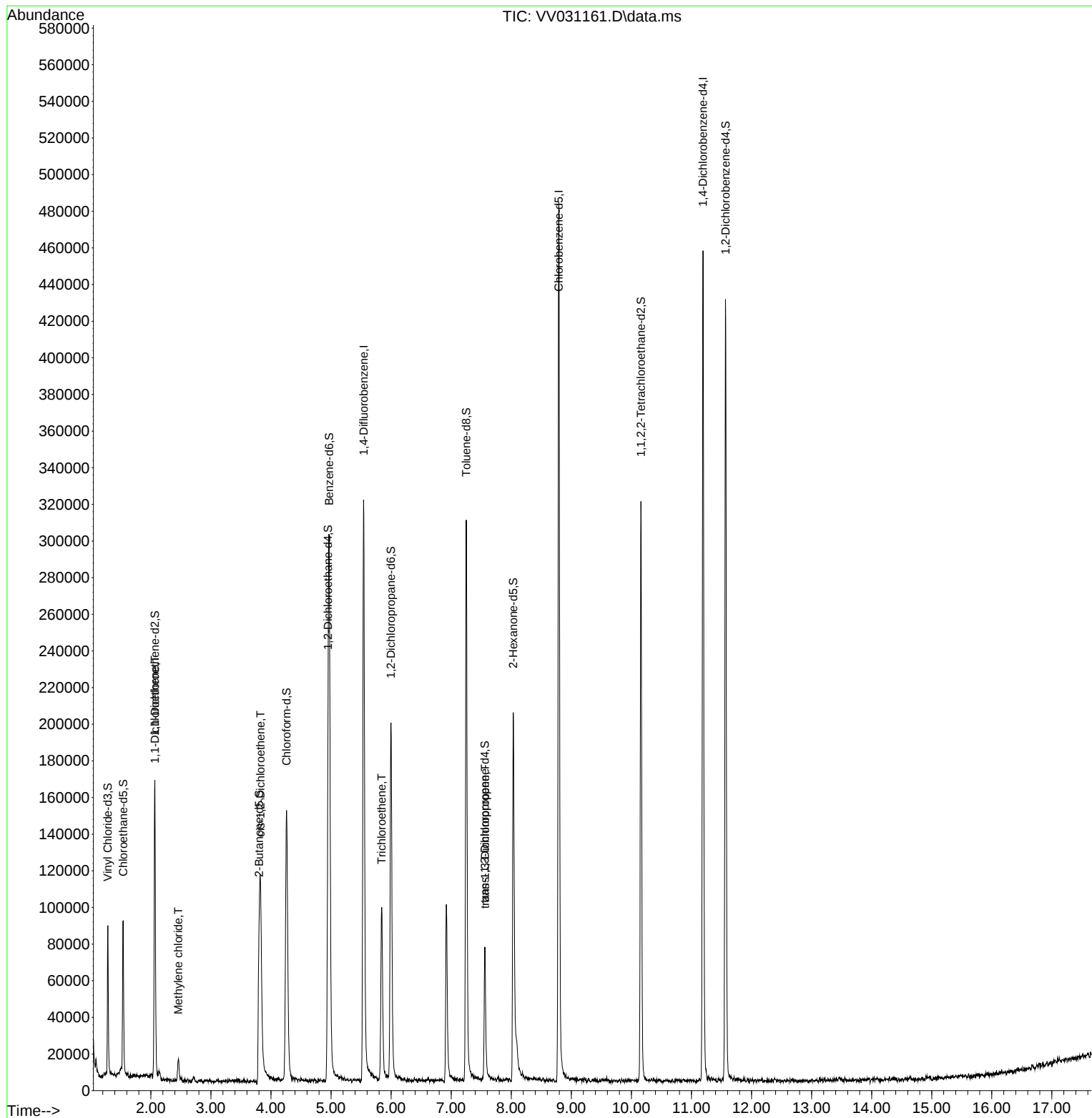
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	265425	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	258197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	125259	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	54133	23.864	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	47.720%#	
7) Chloroethane-d5	1.539	69	53313	30.508	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	61.020%#	
11) 1,1-Dichloroethene-d2	2.066	65	27438	25.794	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	51.580%#	
21) 2-Butanone-d5	3.802	46	108775	89.993	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.990%	
24) Chloroform-d	4.259	84	153452	38.239	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.480%	
26) 1,2-Dichloroethane-d4	4.950	65	109303	40.308	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.620%	
32) Benzene-d6	4.969	84	239064	34.154	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	68.300%#	
36) 1,2-Dichloropropane-d6	5.998	67	82018	39.162	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	78.320%	
41) Toluene-d8	7.249	98	197616	30.250	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	60.500%#	
43) trans-1,3-Dichloroprop...	7.561	79	40505	38.549	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.100%	
47) 2-Hexanone-d5	8.034	63	66868	81.889	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	81.890%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136639	43.499	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	108615	48.254	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.500%	
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	1354	0.918	ug/L #	1
16) Methylene chloride	2.458	84	4863	2.963	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	43247	25.735	ug/L	97
34) Trichloroethene	5.841	95	31018	18.715	ug/L	96
44) trans-1,3-Dichloropropene	7.564	75	2287	0.861	ug/L	94

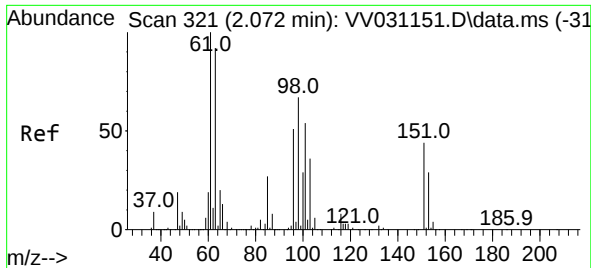
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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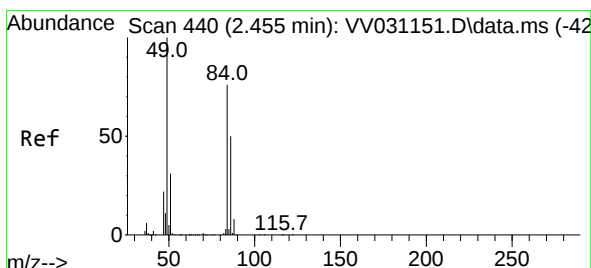
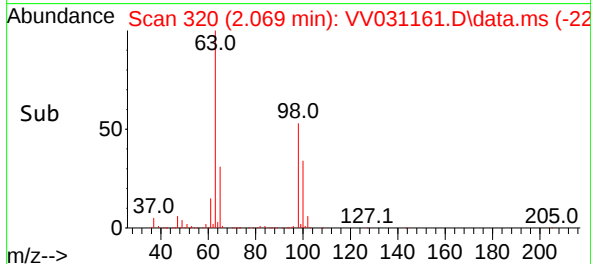
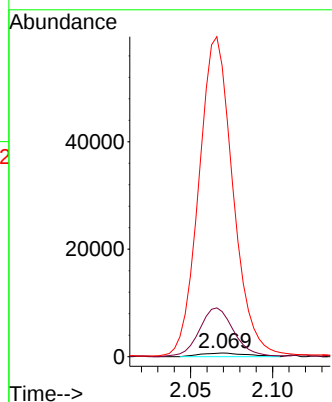
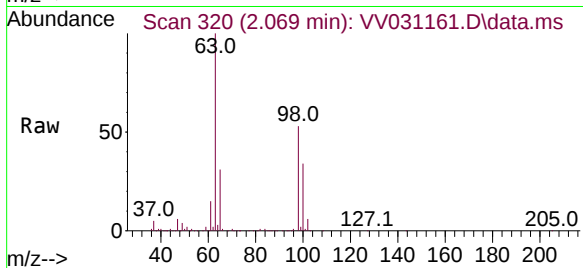




#12
1,1-Dichloroethene
Concen: 0.918 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031161.D
Acq: 22 May 2023 13:21

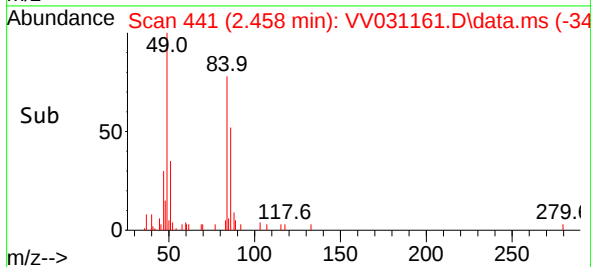
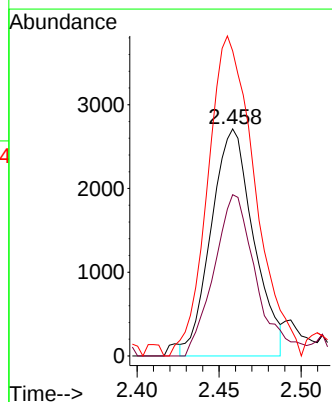
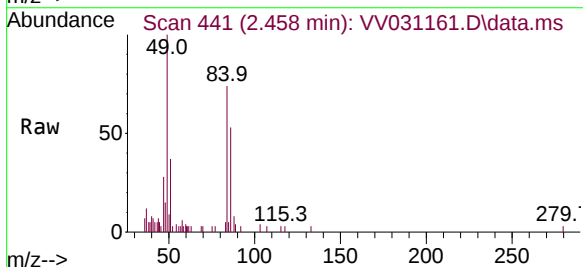
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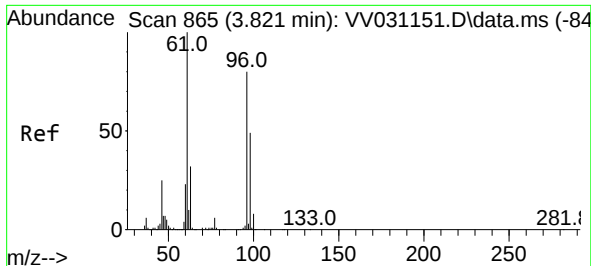
Tgt Ion: 96 Resp: 1354
Ion Ratio Lower Upper
96 100
61 1224.5 137.9 256.1#
63 7901.9 114.2 212.0#



#16
Methylene chloride
Concen: 2.963 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV031161.D
Acq: 22 May 2023 13:21

Tgt Ion: 84 Resp: 4863
Ion Ratio Lower Upper
84 100
86 71.1 43.3 80.3
49 134.3 92.6 172.0

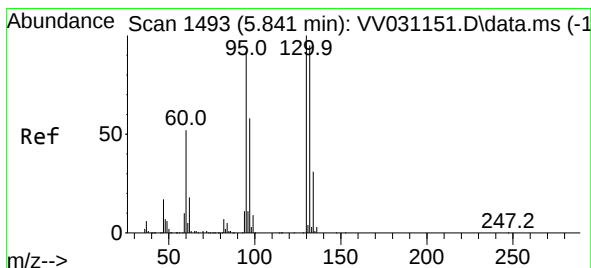
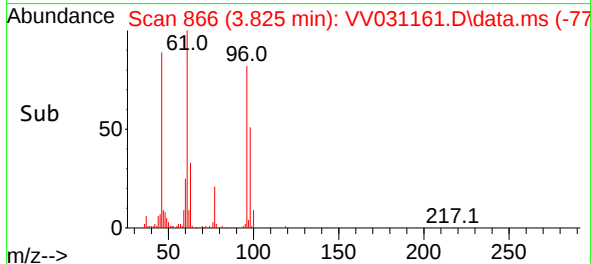
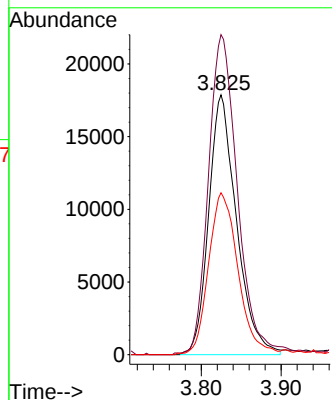
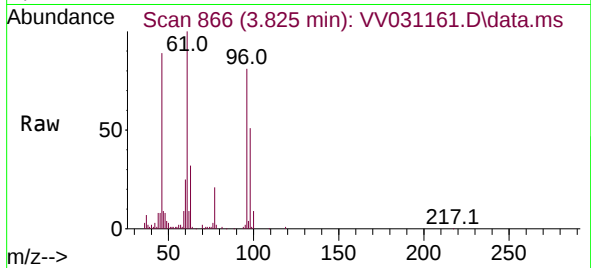




#20
cis-1,2-Dichloroethene
Concen: 25.735 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031161.D
Acq: 22 May 2023 13:21

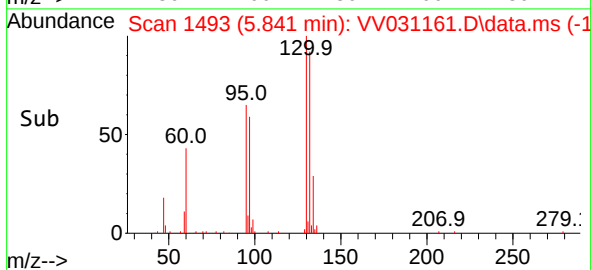
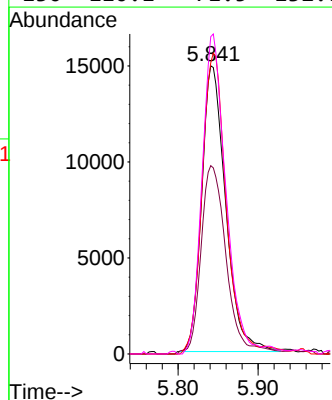
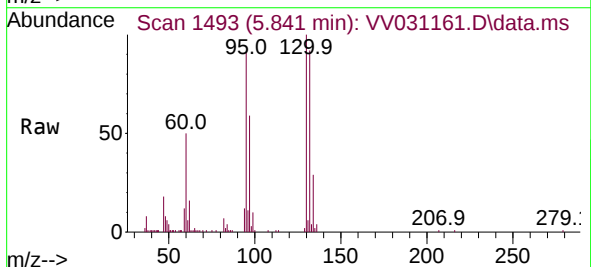
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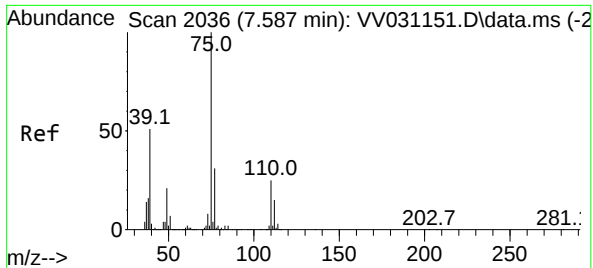
Tgt Ion: 96 Resp: 43247
Ion Ratio Lower Upper
96 100
61 123.2 89.2 165.6
98 62.3 43.0 80.0



#34
Trichloroethene
Concen: 18.715 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031161.D
Acq: 22 May 2023 13:21

Tgt Ion: 95 Resp: 31018
Ion Ratio Lower Upper
95 100
97 65.4 44.4 82.5
132 101.1 70.2 130.4
130 110.1 71.5 132.7





#44
 trans-1,3-Dichloropropene
 Concen: 0.861 ug/L
 RT: 7.564 min Scan# 2036
 Delta R.T. -0.022 min
 Lab File: VV031161.D
 Acq: 22 May 2023 13:21

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX90DL

Tgt Ion: 75 Resp: 2287
 Ion Ratio Lower Upper
 75 100
 77 35.2 22.2 41.2

