

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052223\
 Data File : VV031164.D
 Acq On : 22 May 2023 14:32
 Operator : SY/MD
 Sample : 02866-16DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX91DL

Quant Time: May 23 04:51:51 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)

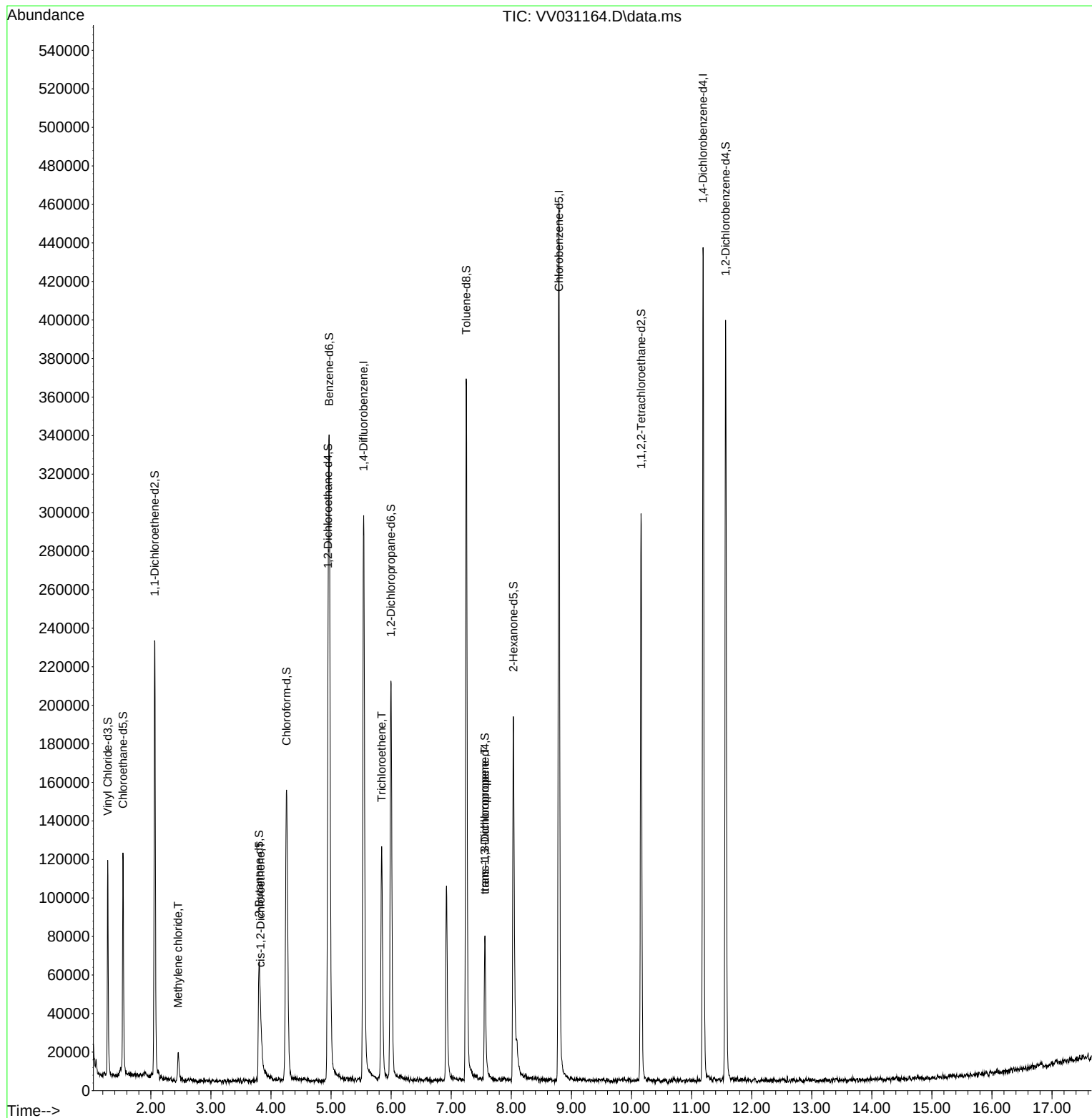
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	250111	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	244751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	117027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	74753	34.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.940%
7) Chloroethane-d5	1.535	69	67428	40.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.900%
11) 1,1-Dichloroethene-d2	2.063	65	37785	37.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.400%
21) 2-Butanone-d5	3.802	46	100911	88.599	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.600%
24) Chloroform-d	4.259	84	156565	41.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	4.950	65	113311	44.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.680%
32) Benzene-d6	4.969	84	276494	41.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.340%
36) 1,2-Dichloropropane-d6	5.995	67	84328	42.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.960%
41) Toluene-d8	7.249	98	237837	38.407	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.820%#
43) trans-1,3-Dichloroprop...	7.558	79	41670	41.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.680%
47) 2-Hexanone-d5	8.034	63	63352	81.846	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.850%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	124840	41.926	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.860%
66) 1,2-Dichlorobenzene-d4	11.567	152	100995	48.025	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.455	84	6502	4.204	ug/L	92
20) cis-1,2-Dichloroethene	3.828	96	4626	2.921	ug/L	97
34) Trichloroethene	5.841	95	39650	25.237	ug/L	99
44) trans-1,3-Dichloropropene	7.561	75	2637	1.047	ug/L	83

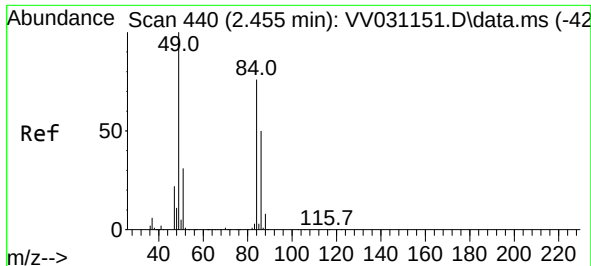
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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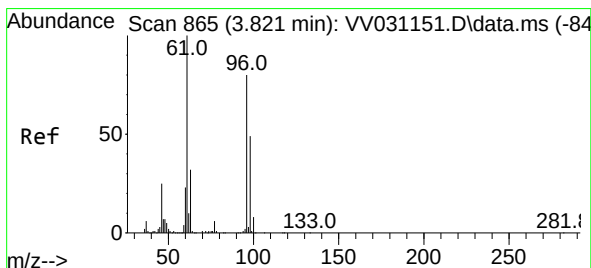
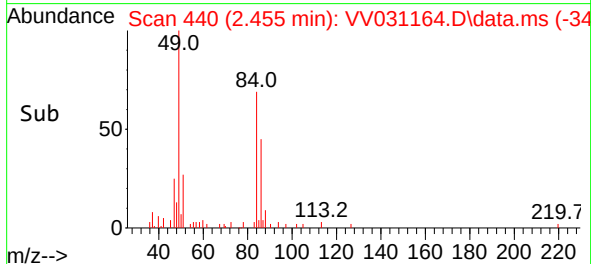
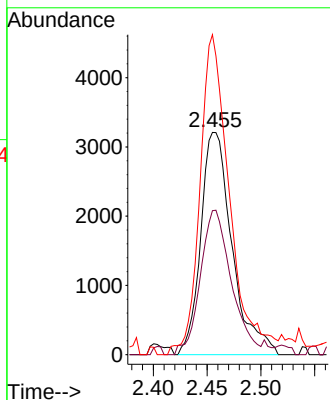
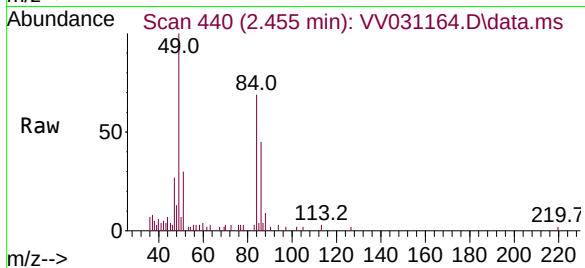




#16
Methylene chloride
Concen: 4.204 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV031164.D
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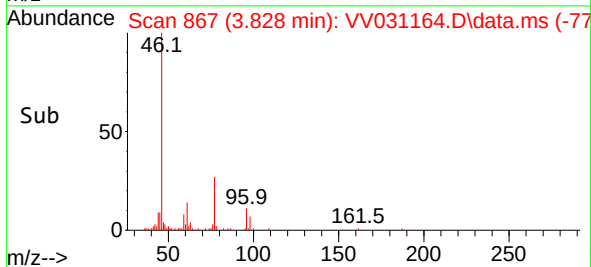
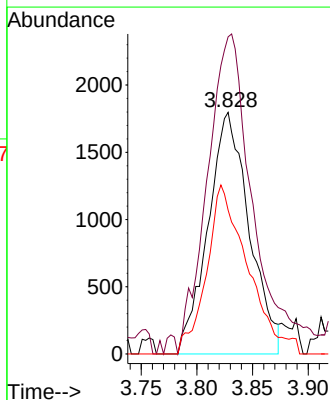
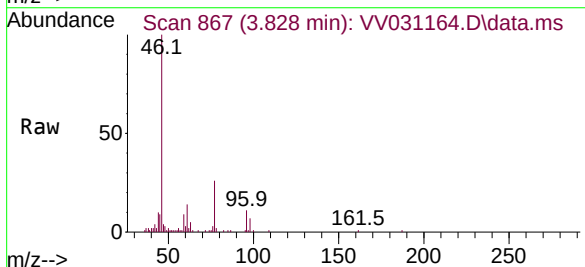
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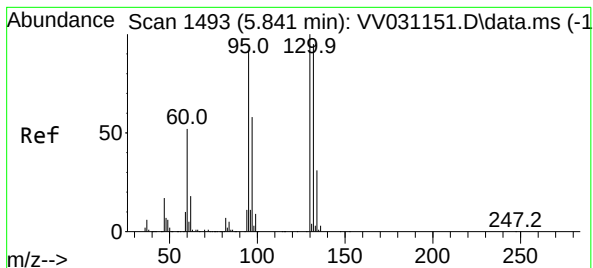
Tgt Ion: 84 Resp: 6502
Ion Ratio Lower Upper
84 100
86 64.8 43.3 80.3
49 144.0 92.6 172.0



#20
cis-1,2-Dichloroethene
Concen: 2.921 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.006 min
Lab File: VV031164.D
Acq: 22 May 2023 14:32

Tgt Ion: 96 Resp: 4626
Ion Ratio Lower Upper
96 100
61 131.3 89.2 165.6
98 59.5 43.0 80.0





#34

Trichloroethene

Concen: 25.237 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV031164.D

Acq: 22 May 2023 14:32

Instrument :

MSVOA_V

ClientSampleId :

GBX91DL

Tgt Ion: 95 Resp: 39650

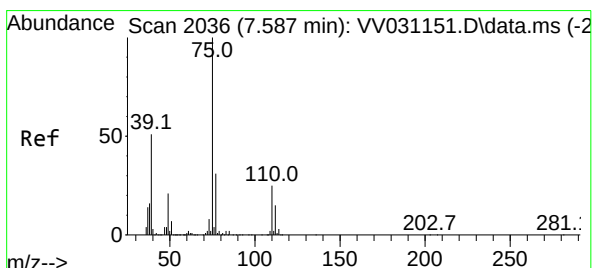
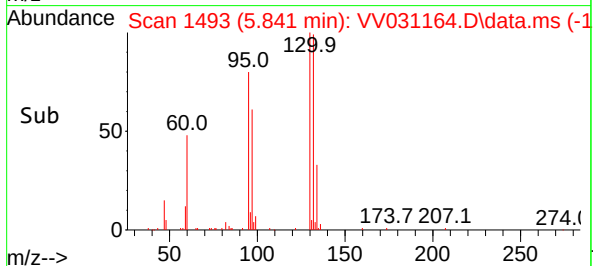
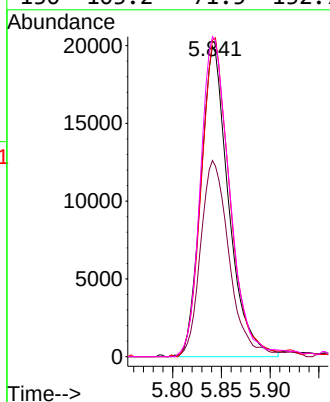
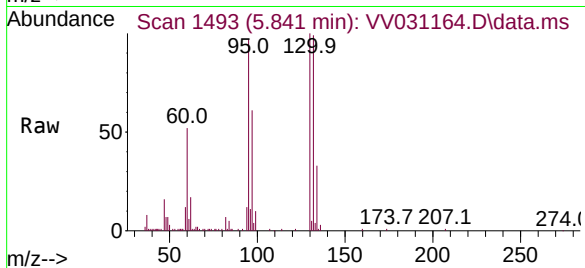
Ion Ratio Lower Upper

95 100

97 63.2 44.4 82.5

132 102.0 70.2 130.4

130 103.2 71.5 132.7



#44

trans-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

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Acq: 22 May 2023 14:32

Tgt Ion: 75 Resp: 2637

Ion Ratio Lower Upper

75 100

77 41.0 22.2 41.2

