

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031107.D
 Acq On : 19 May 2023 15:21
 Operator : SY/MD
 Sample : 02866-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX77

Quant Time: May 20 00:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

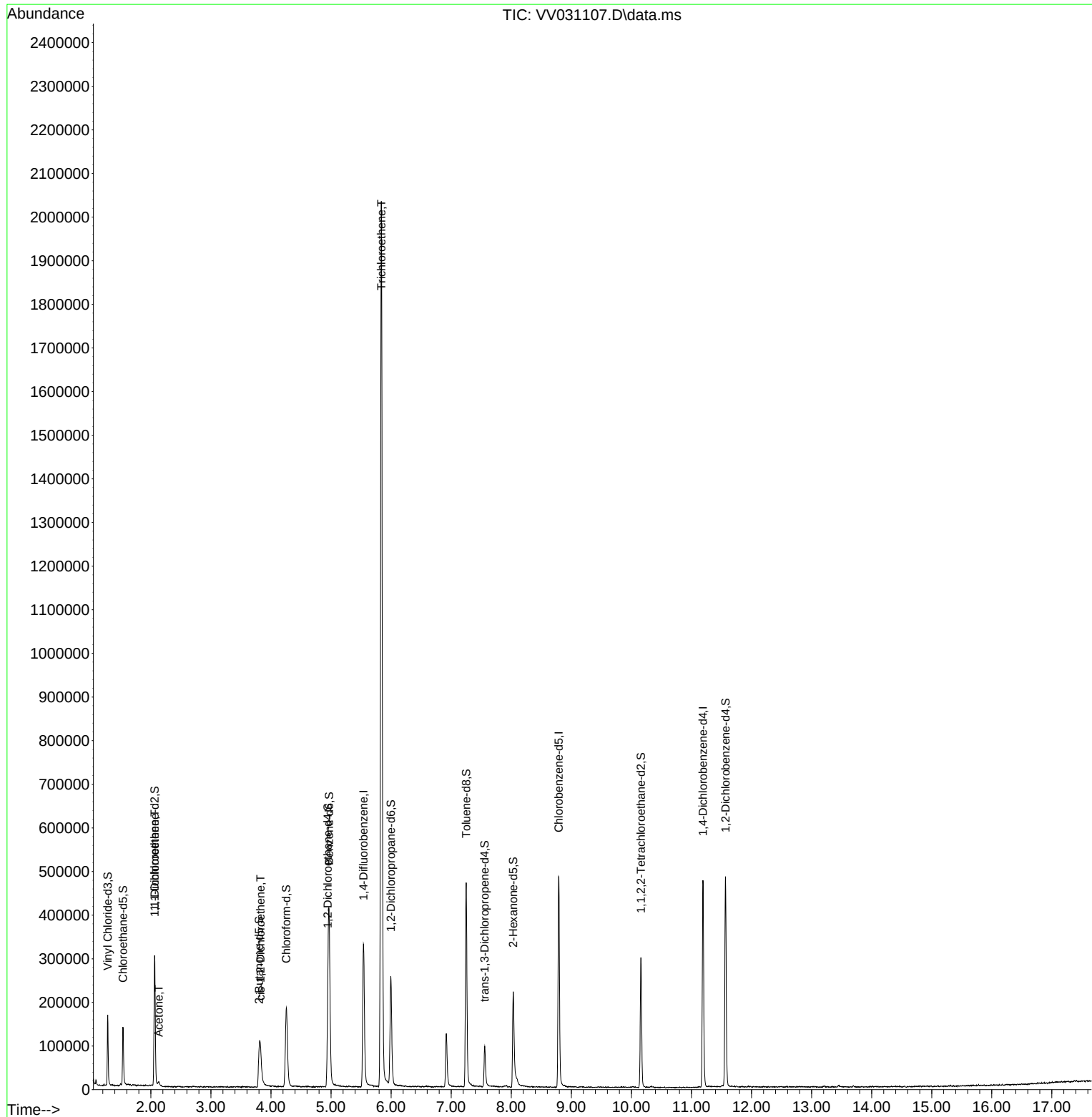
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	275529	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	252256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	127563	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	106022	45.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.060%
7) Chloroethane-d5	1.536	69	84800	46.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.500%
11) 1,1-Dichloroethene-d2	2.063	65	49642	44.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.920%
21) 2-Butanone-d5	3.802	46	124107	98.913	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.910%
24) Chloroform-d	4.256	84	185397	44.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.020%
26) 1,2-Dichloroethane-d4	4.947	65	132081	46.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
32) Benzene-d6	4.966	84	337695	49.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	5.995	67	103421	50.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	7.249	98	302173	47.344	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	7.558	79	50414	49.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.220%
47) 2-Hexanone-d5	8.034	63	73230	91.792	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.790%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125096	40.762	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.520%
66) 1,2-Dichlorobenzene-d4	11.567	152	122550	53.462	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.920%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	2028	1.325	ug/L	# 1
13) Acetone	2.130	43	12076	7.403	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	32160	18.436	ug/L	99
34) Trichloroethene	5.838	95	657802	406.228	ug/L	99

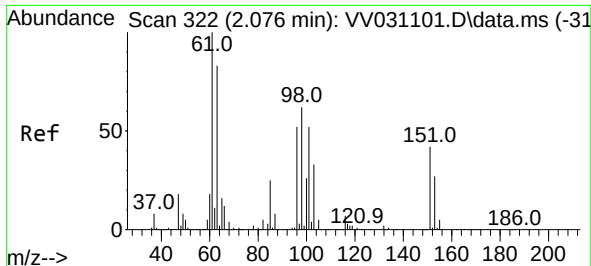
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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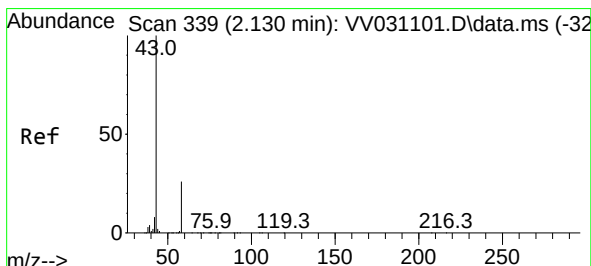
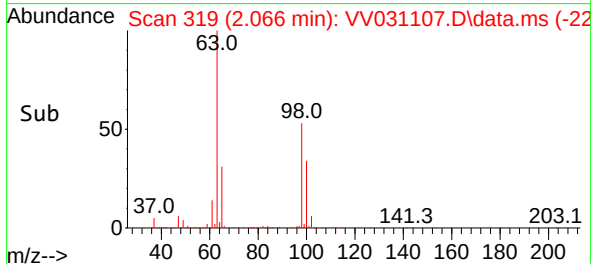
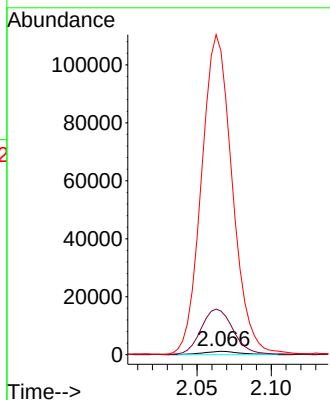
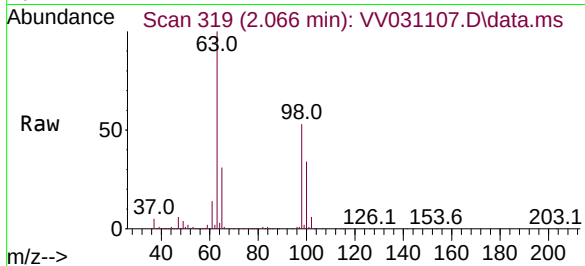




#12
1,1-Dichloroethene
Concen: 1.325 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV031107.D
Acq: 19 May 2023 15:21

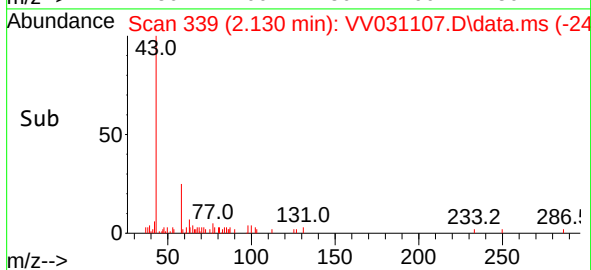
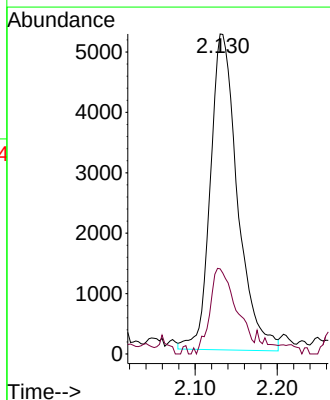
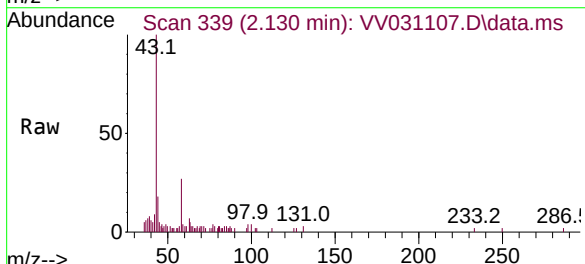
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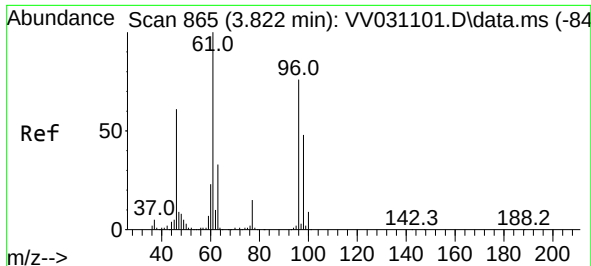
Tgt Ion: 96 Resp: 2028
Ion Ratio Lower Upper
96 100
61 1272.1 137.9 256.1#
63 8846.6 114.2 212.0#



#13
Acetone
Concen: 7.403 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.000 min
Lab File: VV031107.D
Acq: 19 May 2023 15:21

Tgt Ion: 43 Resp: 12076
Ion Ratio Lower Upper
43 100
58 26.3 0.0 54.0

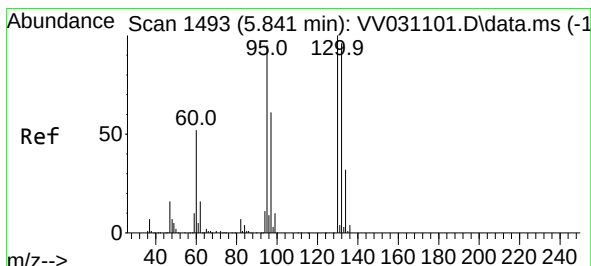
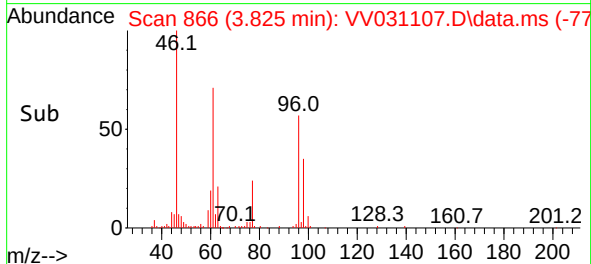
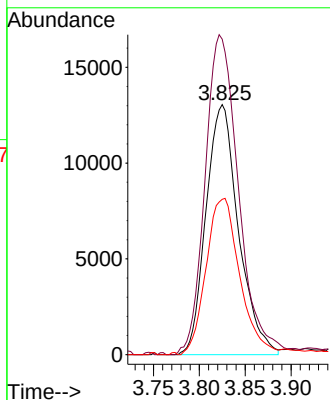
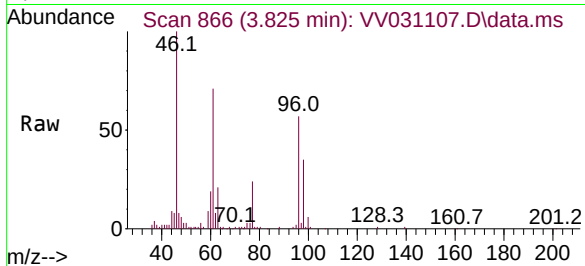




#20
 cis-1,2-Dichloroethene
 Concen: 18.436 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.003 min
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Tgt Ion: 96 Resp: 32160
 Ion Ratio Lower Upper
 96 100
 61 126.2 89.2 165.6
 98 62.1 43.0 80.0



#34
 Trichloroethene
 Concen: 406.228 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.003 min
 Lab File: VV031107.D
 Acq: 19 May 2023 15:21

Tgt Ion: 95 Resp: 657802
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.4 82.5
 132 99.5 70.2 130.4
 130 102.7 71.5 132.7

