

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031133.D
 Acq On : 20 May 2023 02:41
 Operator : SY/MD
 Sample : 02865-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX62

Quant Time: May 20 06:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

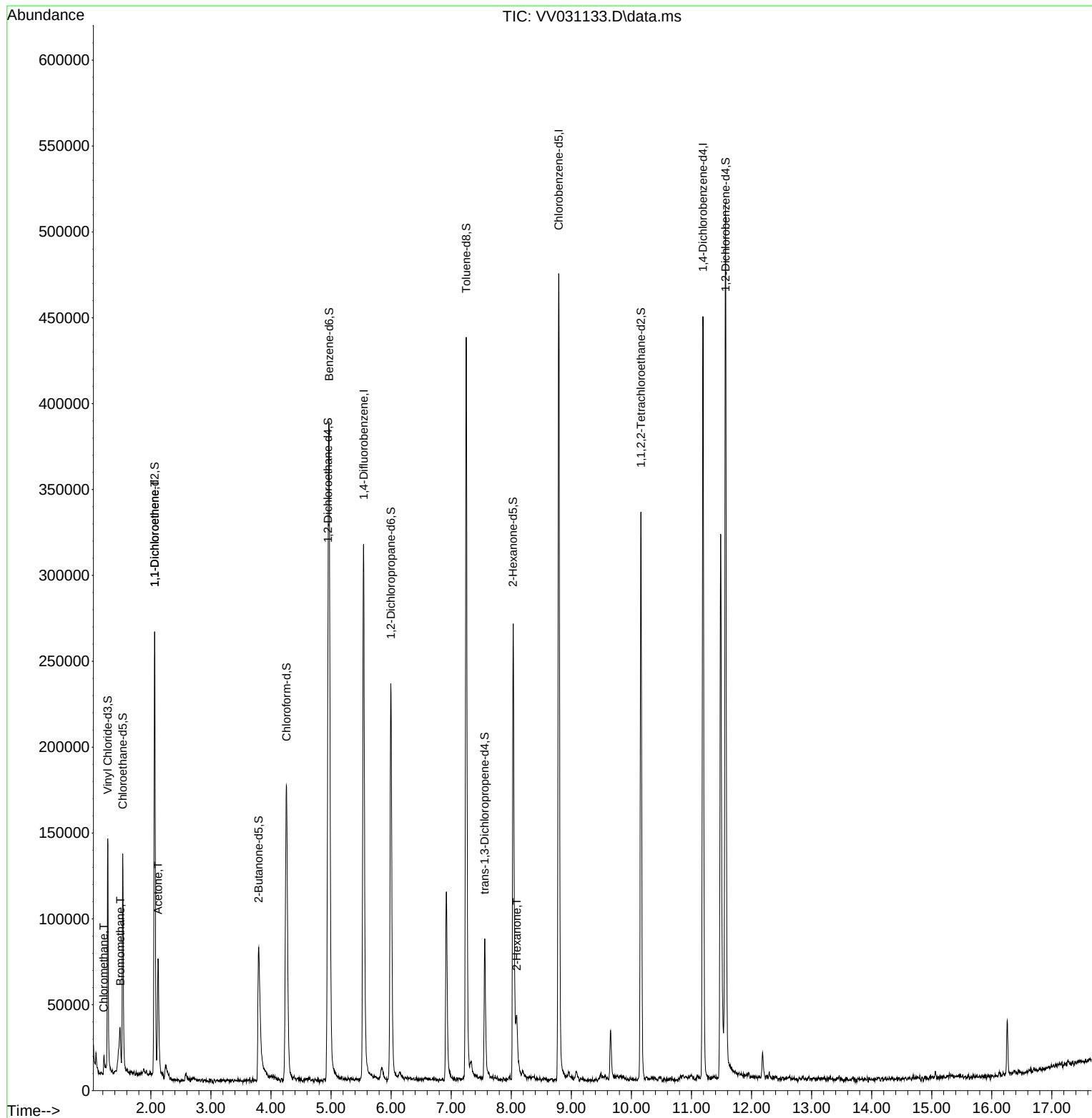
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	262662	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	248111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	115783	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	89553	39.894	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.780%	
7) Chloroethane-d5	1.532	69	77093	44.581	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.160%	
11) 1,1-Dichloroethene-d2	2.063	65	43636	41.454	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.900%	
21) 2-Butanone-d5	3.796	46	136493	114.113	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.110%	
24) Chloroform-d	4.256	84	177356	44.661	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.320%	
26) 1,2-Dichloroethane-d4	4.950	65	127092	47.361	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.720%	
32) Benzene-d6	4.966	84	317870	47.259	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.520%	
36) 1,2-Dichloropropane-d6	5.995	67	95652	47.529	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.060%	
41) Toluene-d8	7.249	98	277386	44.187	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.380%	
43) trans-1,3-Dichloroprop...	7.558	79	45638	45.200	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.400%	
47) 2-Hexanone-d5	8.030	63	83340	106.210	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.210%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	141814	46.982	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.960%	
66) 1,2-Dichlorobenzene-d4	11.567	152	120995	58.153	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	116.300%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	9946	5.358	ug/L	98
6) Bromomethane	1.490	94	3665	3.944	ug/L	83
12) 1,1-Dichloroethene	2.063	96	1405	0.963	ug/L #	1
13) Acetone	2.121	43	73387	47.194	ug/L	98
48) 2-Hexanone	8.091	43	22473	10.718	ug/L #	96

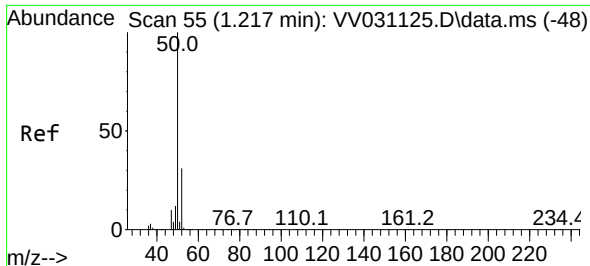
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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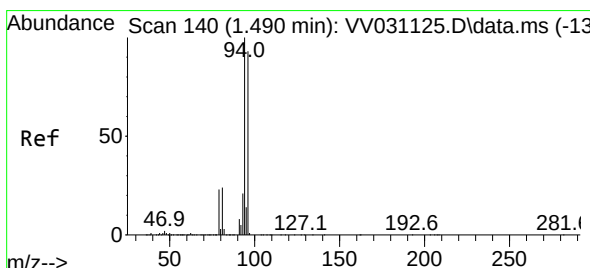
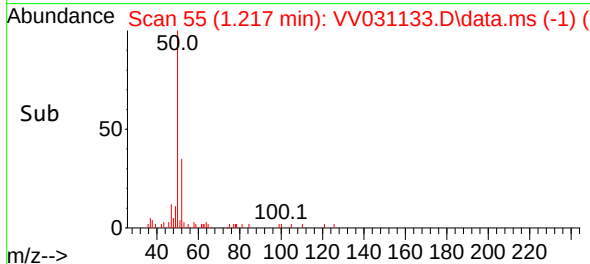
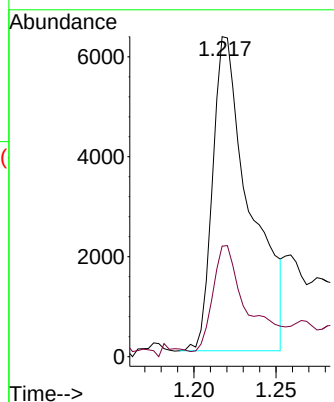
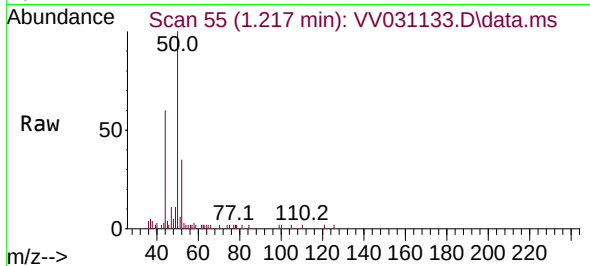




#3
Chloromethane
Concen: 5.358 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031133.D
Acq: 20 May 2023 02:41

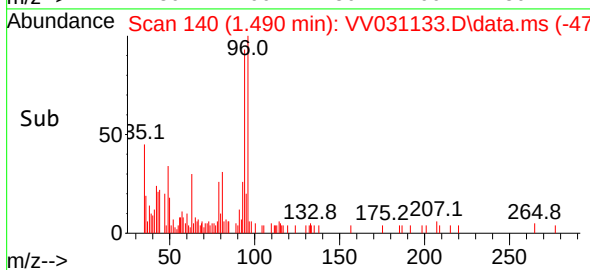
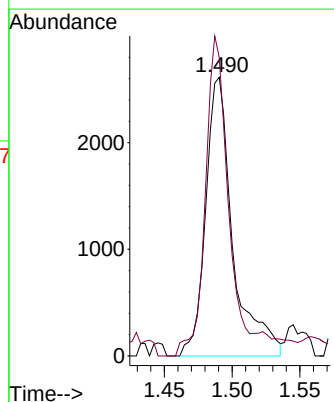
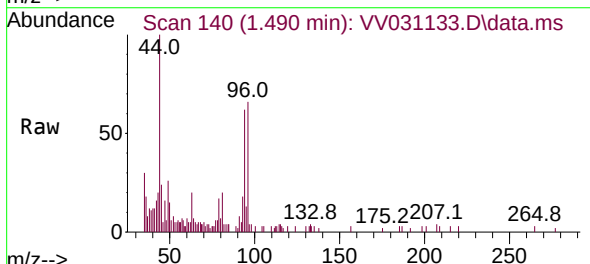
Instrument :
MSVOA_V
ClientSampleId :
GBX62

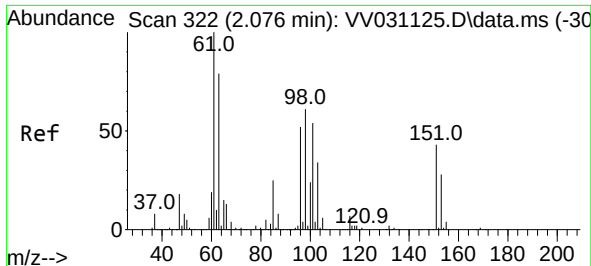
Tgt Ion: 50 Resp: 9946
Ion Ratio Lower Upper
50 100
52 34.6 23.3 43.3



#6
Bromomethane
Concen: 3.944 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV031133.D
Acq: 20 May 2023 02:41

Tgt Ion: 94 Resp: 3665
Ion Ratio Lower Upper
94 100
96 107.1 63.9 118.7





#12

1,1-Dichloroethene

Concen: 0.963 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031133.D

Acq: 20 May 2023 02:41

Instrument :

MSVOA_V

ClientSampleId :

GBX62

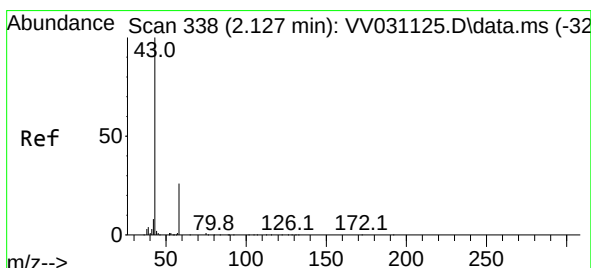
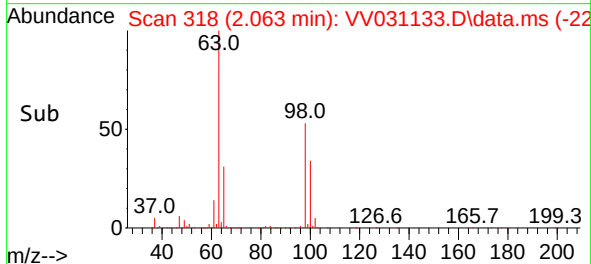
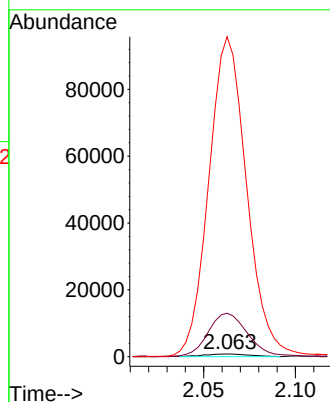
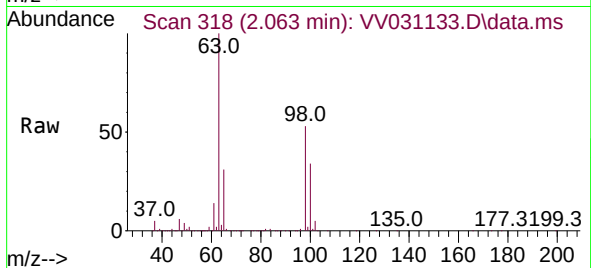
Tgt Ion: 96 Resp: 1405

Ion Ratio Lower Upper

96 100

61 1636.4 137.9 256.1#

63 12031.2 114.2 212.0#



#13

Acetone

Concen: 47.194 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.006 min

Lab File: VV031133.D

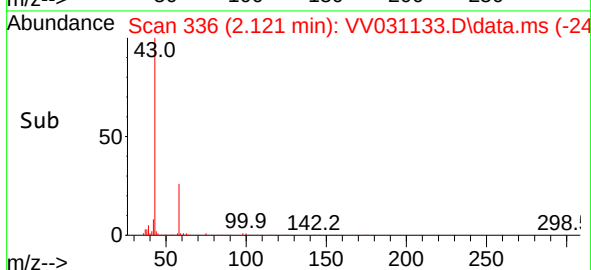
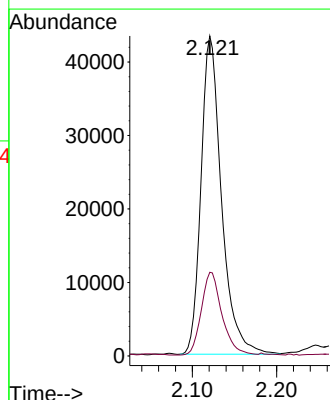
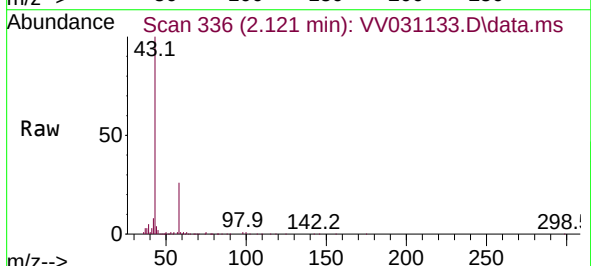
Acq: 20 May 2023 02:41

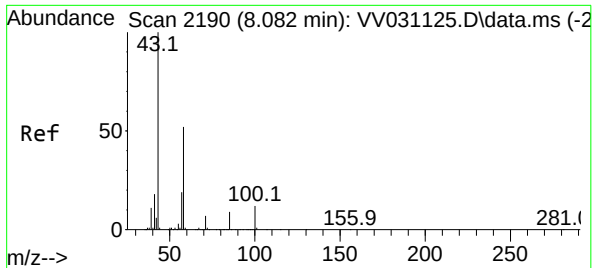
Tgt Ion: 43 Resp: 73387

Ion Ratio Lower Upper

43 100

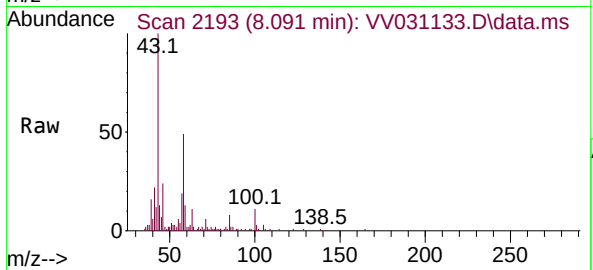
58 26.2 0.0 54.0





#48
 2-Hexanone
 Concen: 10.718 ug/L
 RT: 8.091 min Scan# 2193
 Delta R.T. 0.010 min
 Lab File: VV031133.D
 Acq: 20 May 2023 02:41

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX62



Tgt Ion:	43	Resp:	22473
Ion	Ratio	Lower	Upper
43	100		
58	49.8	39.8	59.6
57	13.9	14.4	21.6#
100	7.0	9.1	13.7#

