

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031144.D
 Acq On : 20 May 2023 07:13
 Operator : SY/MD
 Sample : 02865-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX73

Quant Time: May 22 00:15:15 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)

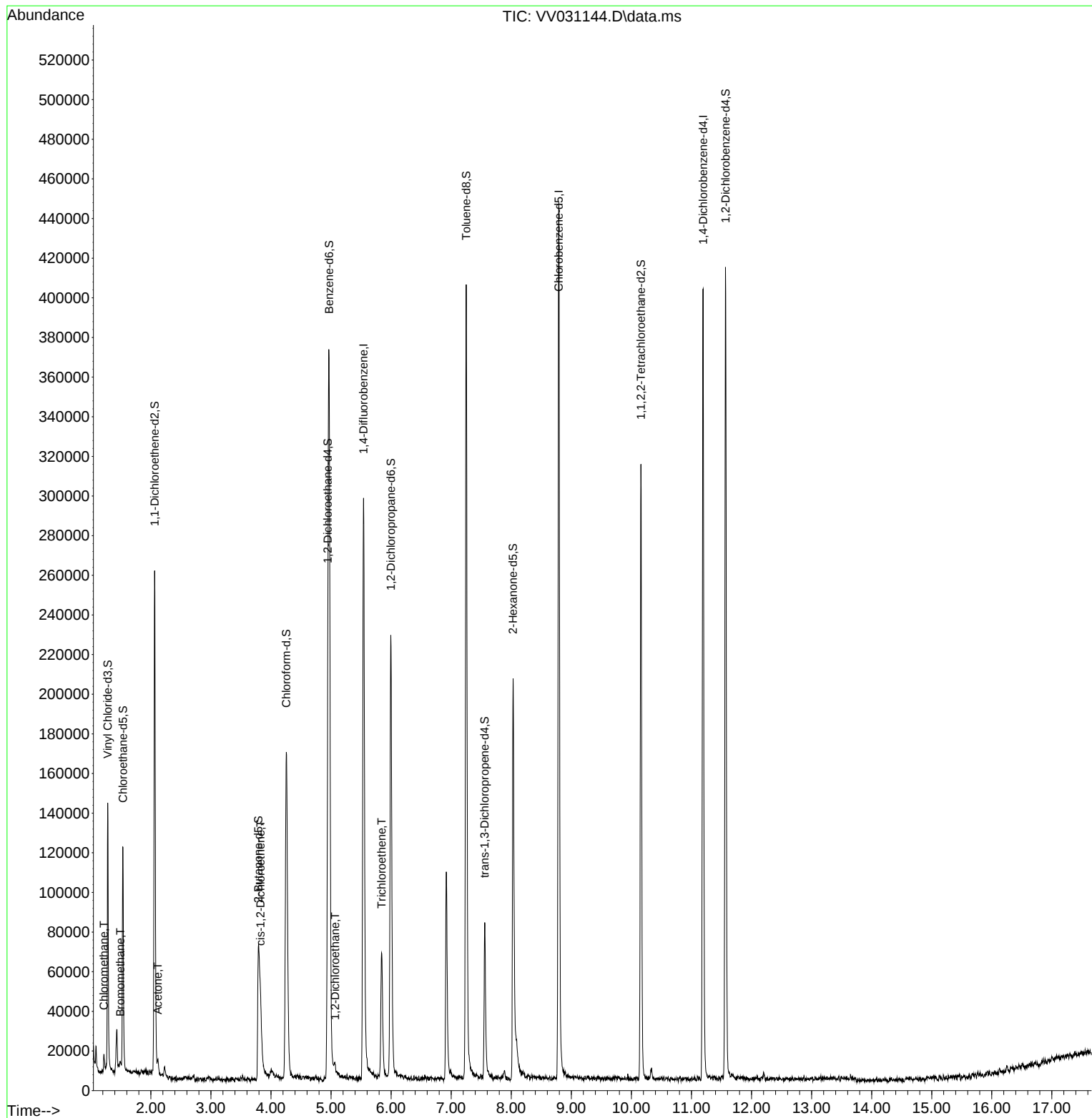
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246618	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	106246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	88785	42.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.260%		
7) Chloroethane-d5	1.535	69	70509	43.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.860%		
11) 1,1-Dichloroethene-d2	2.063	65	41038	41.522	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.040%		
21) 2-Butanone-d5	3.789	46	101025	89.956	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.960%		
24) Chloroform-d	4.256	84	169665	45.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.000%		
26) 1,2-Dichloroethane-d4	4.947	65	123794	49.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.260%		
32) Benzene-d6	4.966	84	305577	48.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
36) 1,2-Dichloropropane-d6	5.995	67	90990	47.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.940%		
41) Toluene-d8	7.249	98	263597	44.553	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.100%		
43) trans-1,3-Dichloroprop...	7.558	79	42201	44.347	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.700%		
47) 2-Hexanone-d5	8.030	63	62493	84.503	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.500%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130276	45.793	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.580%		
66) 1,2-Dichlorobenzene-d4	11.567	152	102751	53.818	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.640%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	7249	4.159	ug/L	96
6) Bromomethane	1.490	94	1967	2.254	ug/L	98
13) Acetone	2.117	43	5941	4.069	ug/L	96
20) cis-1,2-Dichloroethene	3.825	96	14117	9.041	ug/L	96
27) 1,2-Dichloroethane	5.069	62	4514	1.650	ug/L #	92
34) Trichloroethene	5.841	95	22300	14.856	ug/L	97

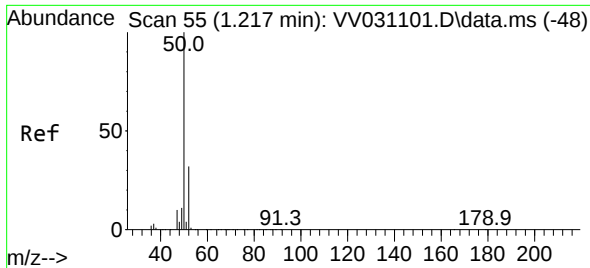
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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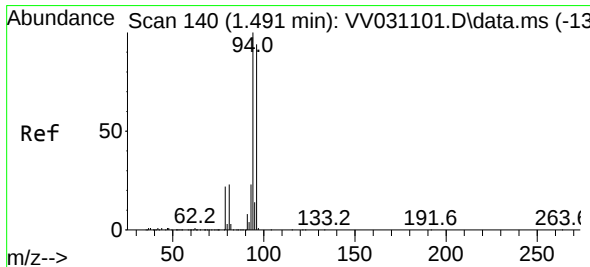
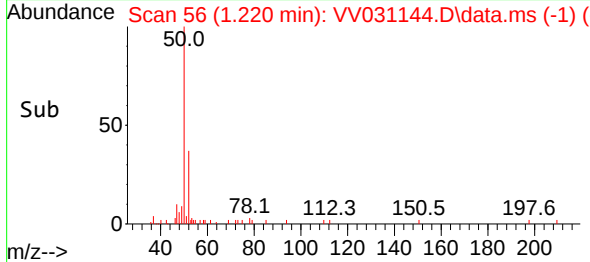
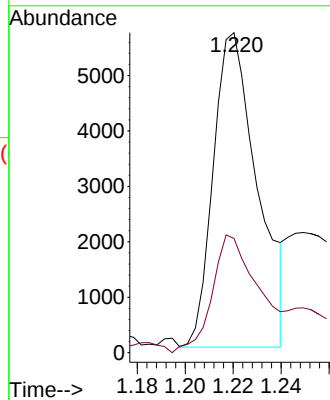
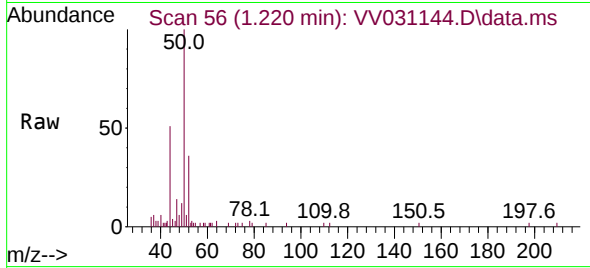




#3
Chloromethane
Concen: 4.159 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031144.D
Acq: 20 May 2023 07:13

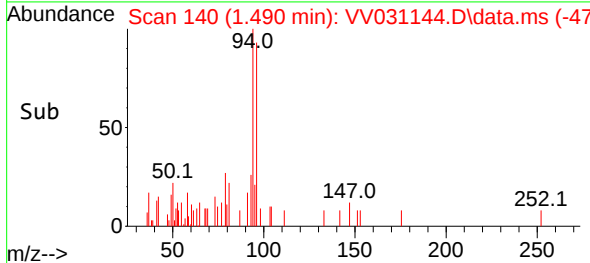
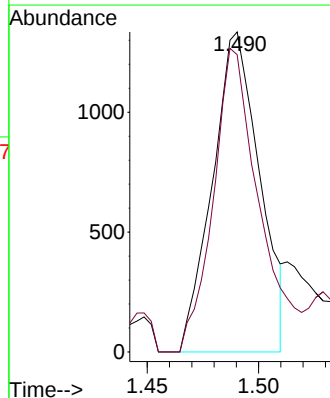
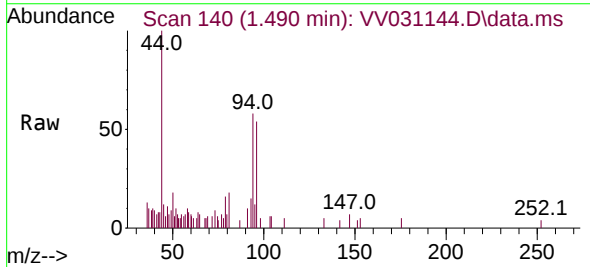
Instrument :
MSVOA_V
ClientSampleId :
GBX73

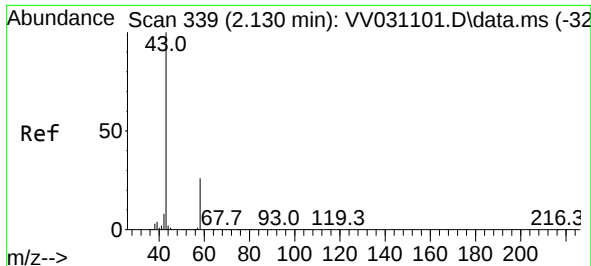
Tgt Ion: 50 Resp: 7249
Ion Ratio Lower Upper
50 100
52 35.7 23.3 43.3



#6
Bromomethane
Concen: 2.254 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV031144.D
Acq: 20 May 2023 07:13

Tgt Ion: 94 Resp: 1967
Ion Ratio Lower Upper
94 100
96 92.9 63.9 118.7





#13

Acetone

Concen: 4.069 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV031144.D

Acq: 20 May 2023 07:13

Instrument :

MSVOA_V

ClientSampleId :

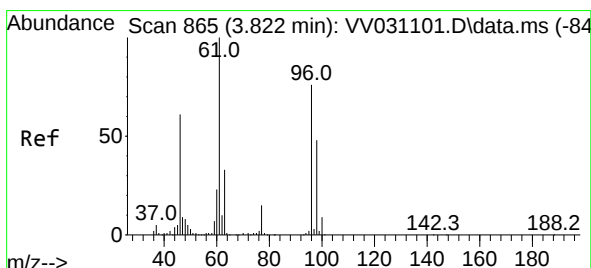
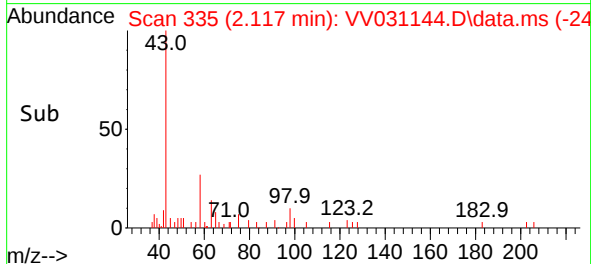
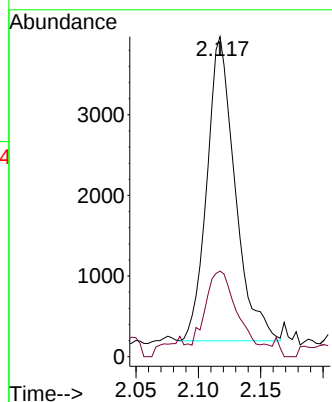
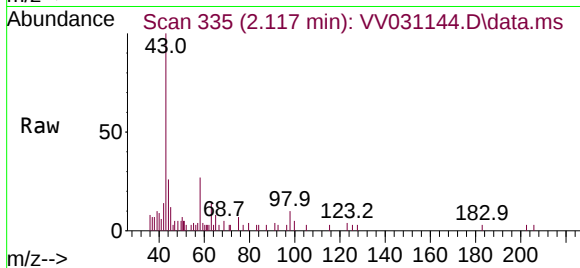
GBX73

Tgt Ion: 43 Resp: 5941

Ion Ratio Lower Upper

43 100

58 24.8 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 9.041 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031144.D

Acq: 20 May 2023 07:13

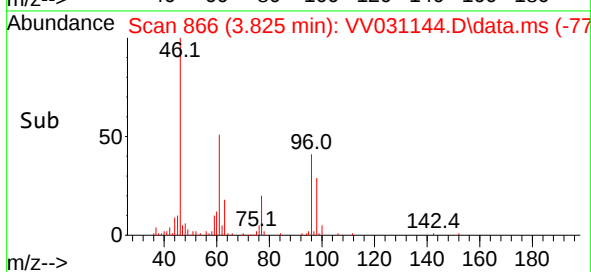
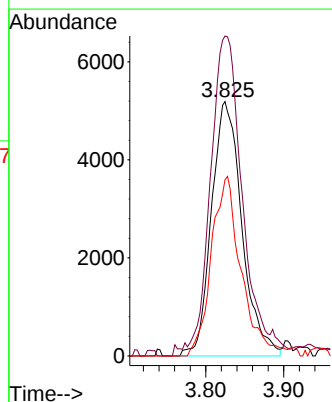
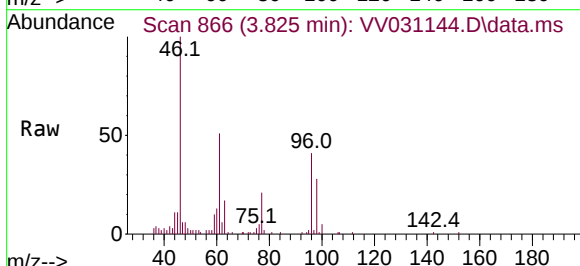
Tgt Ion: 96 Resp: 14117

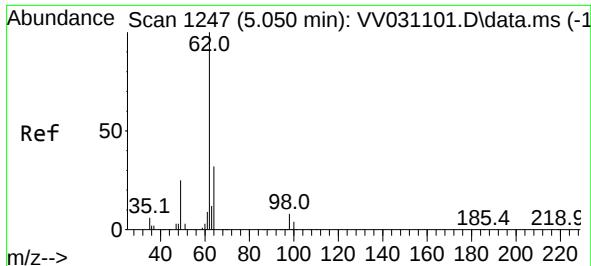
Ion Ratio Lower Upper

96 100

61 125.8 89.2 165.6

98 69.2 43.0 80.0

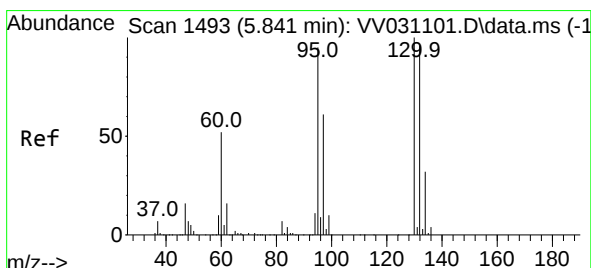
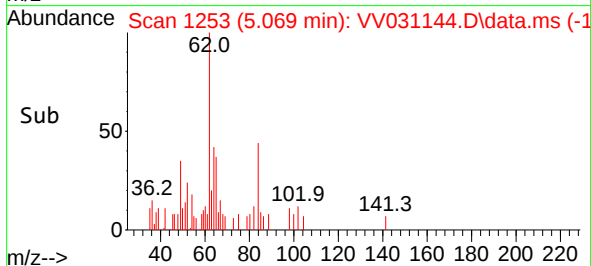
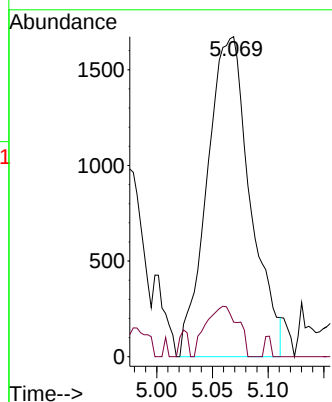
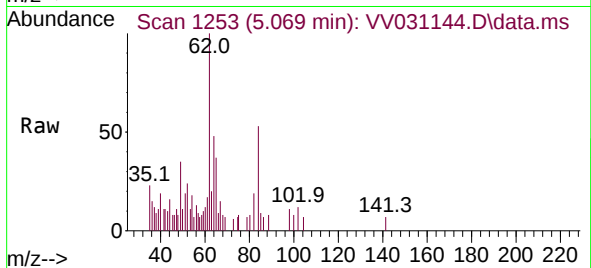




#27
1,2-Dichloroethane
Concen: 1.650 ug/L
RT: 5.069 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV031144.D
Acq: 20 May 2023 07:13

Instrument :
MSVOA_V
ClientSampleId :
GBX73

Tgt Ion: 62 Resp: 4514
Ion Ratio Lower Upper
62 100
98 10.8 6.3 9.5#



#34
Trichloroethene
Concen: 14.856 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031144.D
Acq: 20 May 2023 07:13

Tgt Ion: 95 Resp: 22300
Ion Ratio Lower Upper
95 100
97 63.9 44.4 82.5
132 98.6 70.2 130.4
130 106.8 71.5 132.7

