

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031111.D
 Acq On : 19 May 2023 16:57
 Operator : SY/MD
 Sample : 02866-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX80

Quant Time: May 20 00:35:07 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)

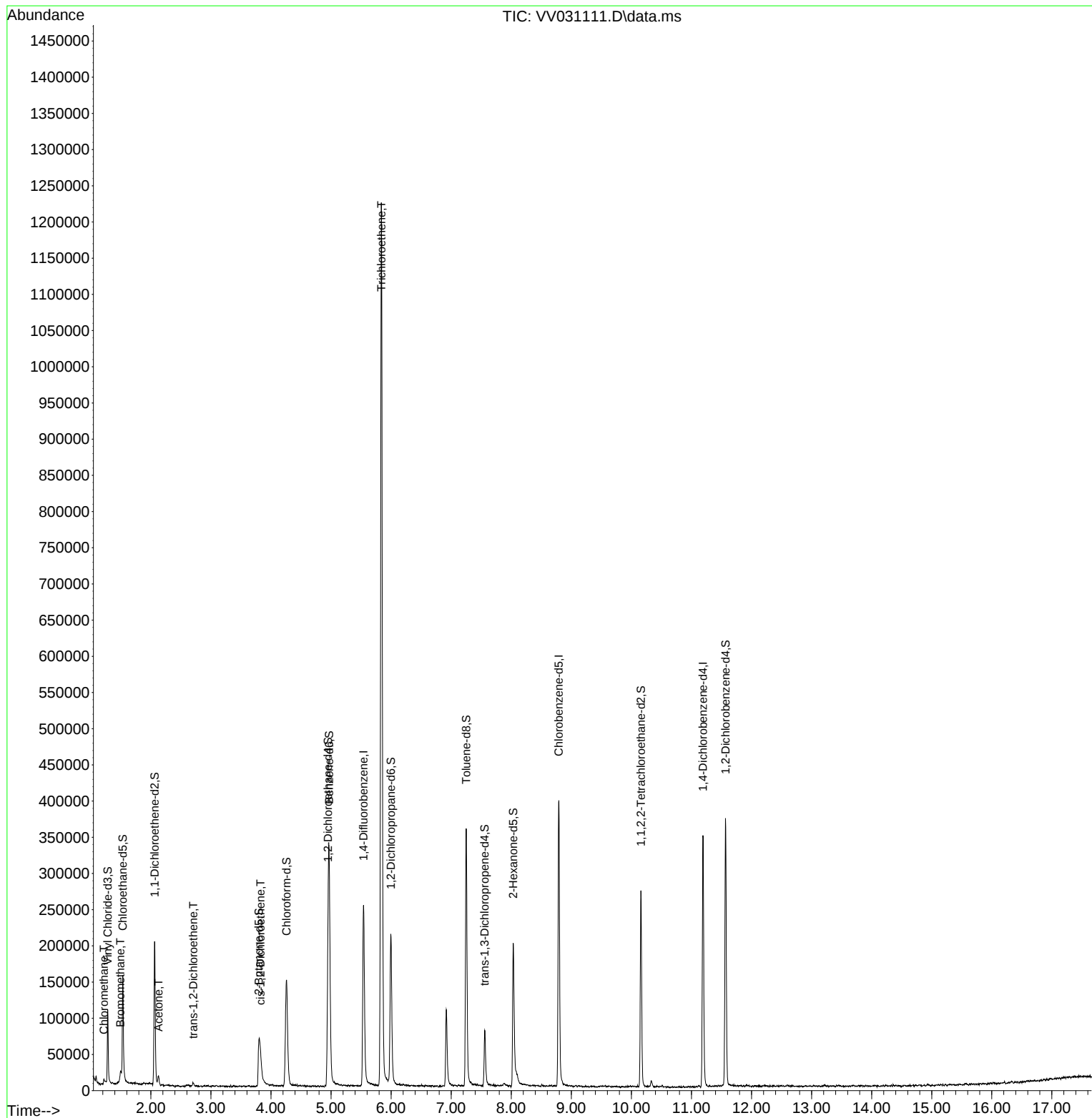
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	210772	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	209993	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	93005	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	67720	37.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.200%
7) Chloroethane-d5	1.532	69	80046	57.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.360%
11) 1,1-Dichloroethene-d2	2.063	65	33443	39.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.180%
21) 2-Butanone-d5	3.799	46	102960	107.270	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.270%
24) Chloroform-d	4.259	84	152028	47.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
26) 1,2-Dichloroethane-d4	4.950	65	113056	52.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.000%
32) Benzene-d6	4.966	84	269694	47.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	5.995	67	87362	51.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.580%
41) Toluene-d8	7.249	98	229568	43.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.420%
43) trans-1,3-Dichloroprop...	7.558	79	42259	49.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.900%
47) 2-Hexanone-d5	8.034	63	65236	98.230	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.230%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	116246	45.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	94212	56.371	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	6673	4.479	ug/L	90
6) Bromomethane	1.494	94	3820	5.123	ug/L	100
13) Acetone	2.127	43	11195	8.972	ug/L	92
17) trans-1,2-Dichloroethene	2.706	96	1754	1.620	ug/L	86
20) cis-1,2-Dichloroethene	3.825	96	9677	7.252	ug/L	100
34) Trichloroethene	5.838	95	395528	293.419	ug/L	99

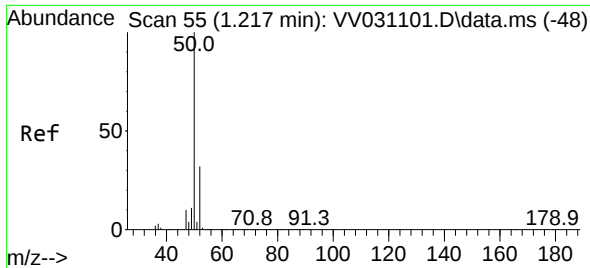
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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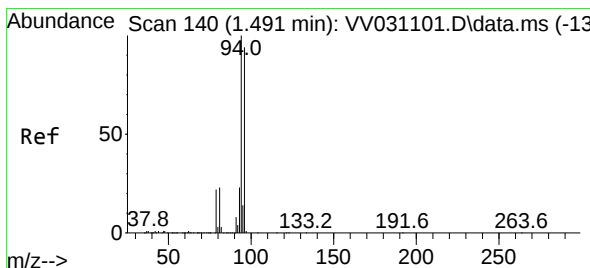
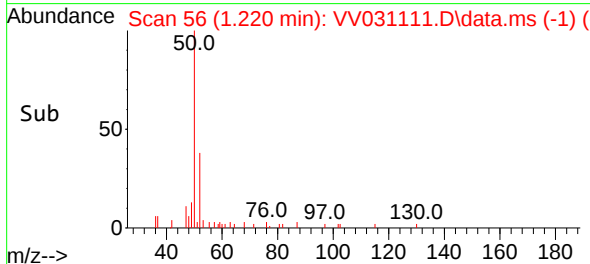
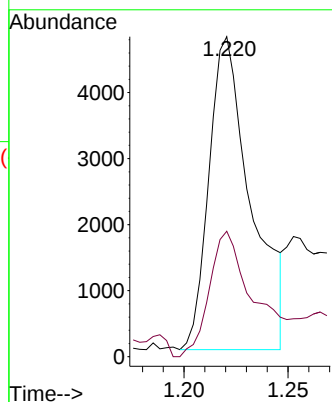
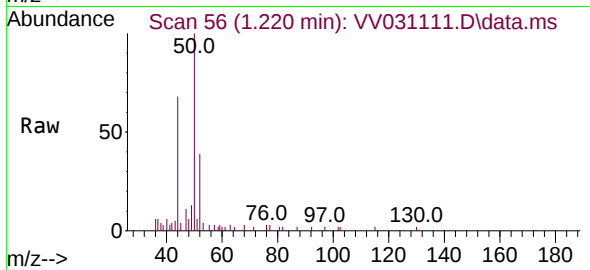




#3
Chloromethane
Concen: 4.479 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031111.D
Acq: 19 May 2023 16:57

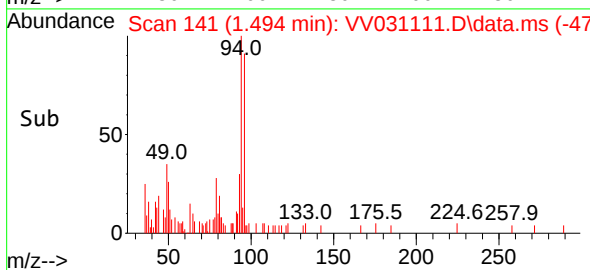
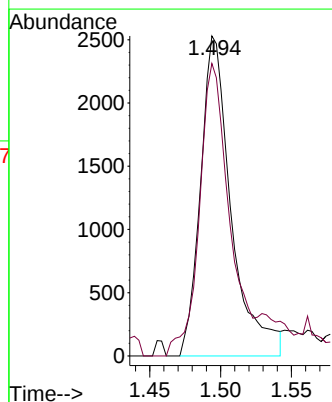
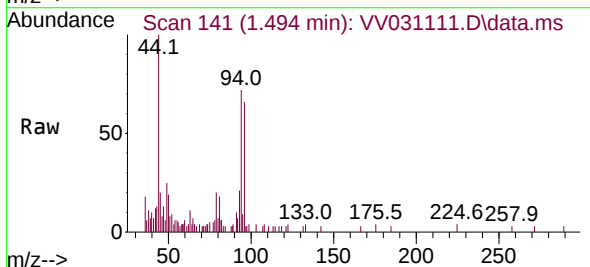
Instrument :
MSVOA_V
ClientSampleId :
GBX80

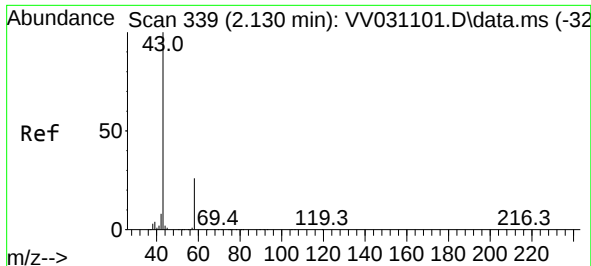
Tgt Ion: 50 Resp: 6673
Ion Ratio Lower Upper
50 100
52 39.2 23.3 43.3



#6
Bromomethane
Concen: 5.123 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031111.D
Acq: 19 May 2023 16:57

Tgt Ion: 94 Resp: 3820
Ion Ratio Lower Upper
94 100
96 91.4 63.9 118.7





#13

Acetone

Concen: 8.972 ug/L

RT: 2.127 min Scan# 311

Delta R.T. -0.003 min

Lab File: VV031111.D

Acq: 19 May 2023 16:57

Instrument :

MSVOA_V

ClientSampleId :

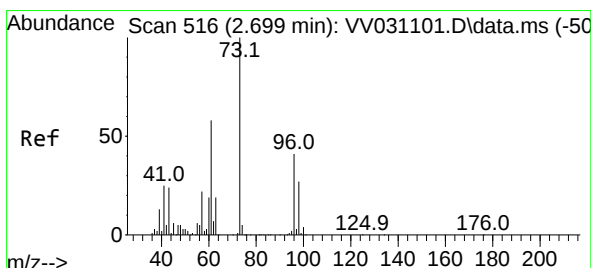
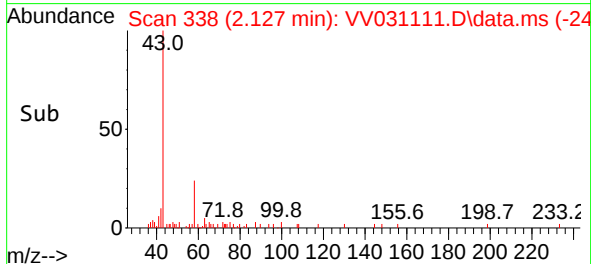
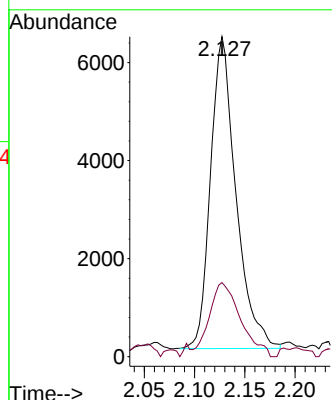
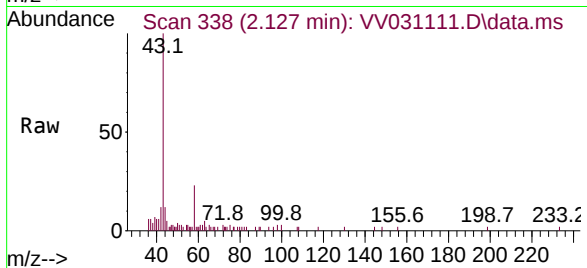
GBX80

Tgt Ion: 43 Resp: 11195

Ion Ratio Lower Upper

43 100

58 23.0 0.0 54.0



#17

trans-1,2-Dichloroethene

Concen: 1.620 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV031111.D

Acq: 19 May 2023 16:57

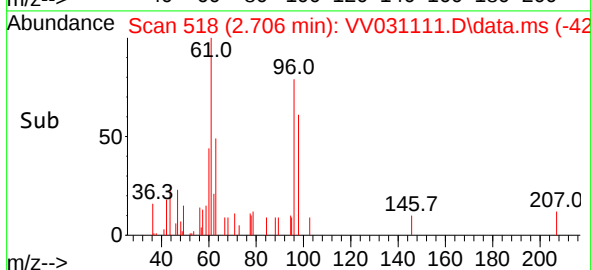
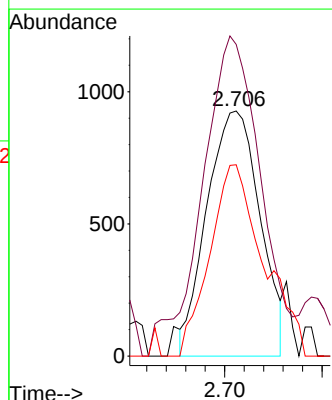
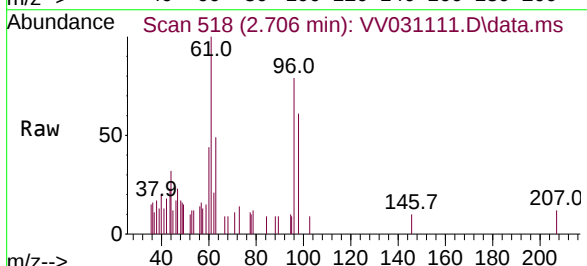
Tgt Ion: 96 Resp: 1754

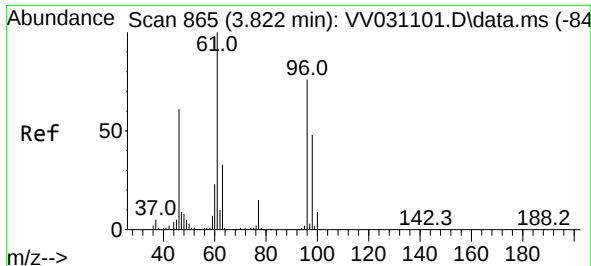
Ion Ratio Lower Upper

96 100

61 127.2 100.0 185.6

98 78.1 45.4 84.2

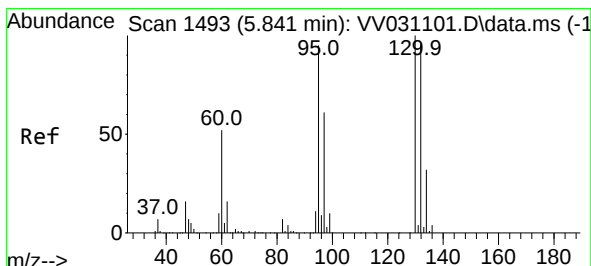
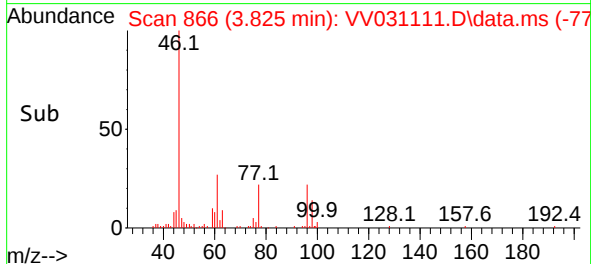
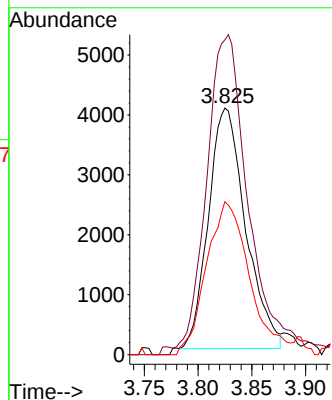
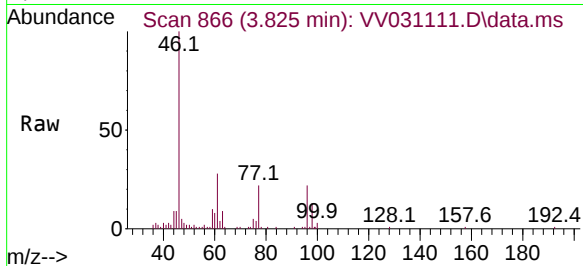




#20
 cis-1,2-Dichloroethene
 Concen: 7.252 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV031111.D
 Acq: 19 May 2023 16:57

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Tgt Ion: 96 Resp: 9677
 Ion Ratio Lower Upper
 96 100
 61 127.6 89.2 165.6
 98 62.0 43.0 80.0



#34
 Trichloroethene
 Concen: 293.419 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.003 min
 Lab File: VV031111.D
 Acq: 19 May 2023 16:57

Tgt Ion: 95 Resp: 395528
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.4 82.5
 132 101.0 70.2 130.4
 130 102.7 71.5 132.7

