

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031116.D
 Acq On : 19 May 2023 19:00
 Operator : SY/MD
 Sample : 02866-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX85

Quant Time: May 20 00:36:50 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)

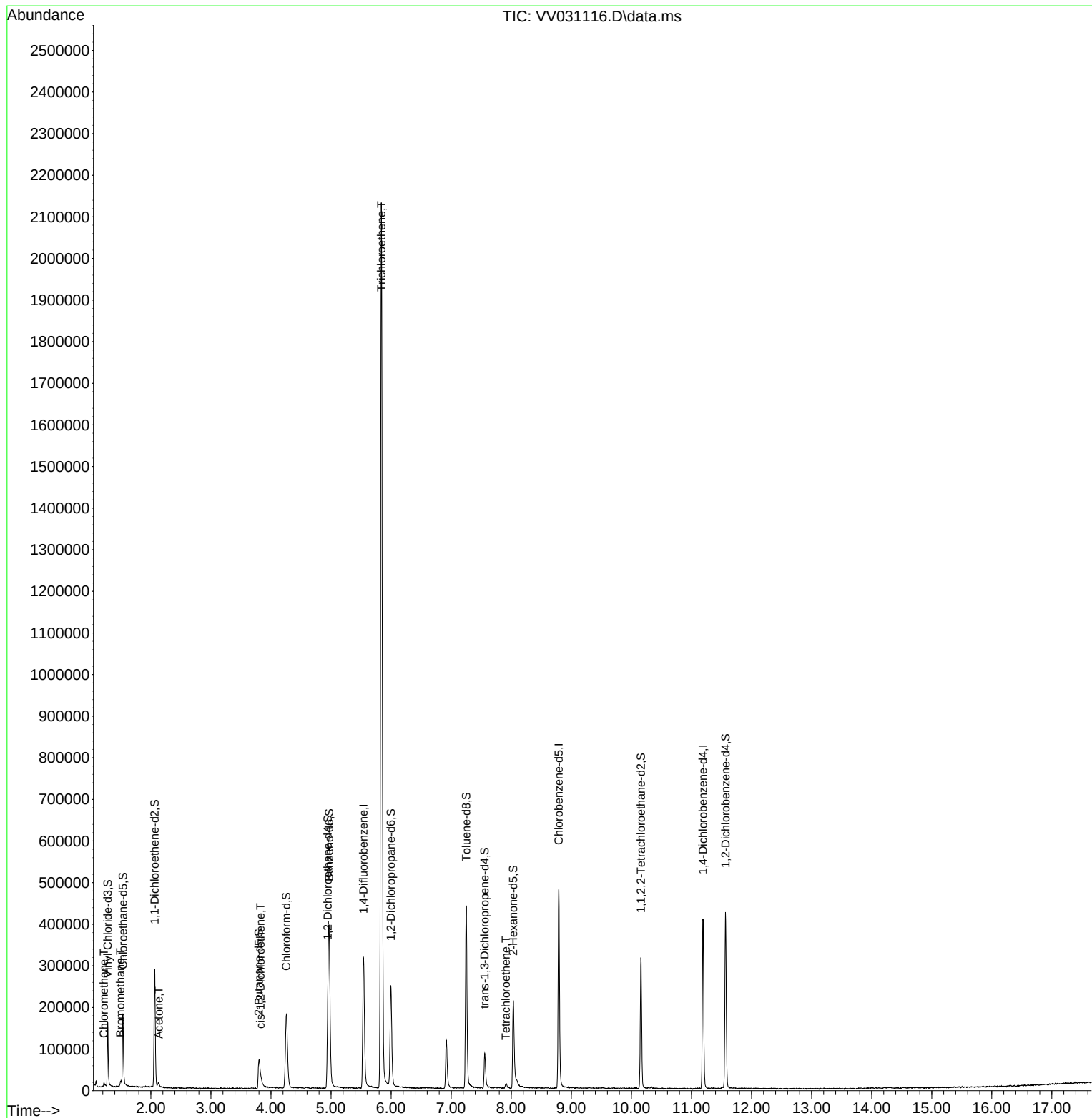
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	260361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	252586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	100072	44.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.940%
7) Chloroethane-d5	1.535	69	96701	56.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.820%
11) 1,1-Dichloroethene-d2	2.063	65	47011	45.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.100%
21) 2-Butanone-d5	3.799	46	116514	98.271	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.270%
24) Chloroform-d	4.256	84	178462	45.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	4.947	65	128257	48.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	4.966	84	325949	47.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	101536	49.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.249	98	287314	44.957	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	7.558	79	48312	47.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.000%
47) 2-Hexanone-d5	8.034	63	69768	87.339	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.340%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	135814	44.197	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	102814	52.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	8623	4.686	ug/L	98
6) Bromomethane	1.494	94	3637	3.948	ug/L	99
13) Acetone	2.130	43	11334	7.353	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	2477	1.503	ug/L	84
34) Trichloroethene	5.838	95	682504	420.932	ug/L	99
46) Tetrachloroethene	7.908	164	2405	1.727	ug/L	91

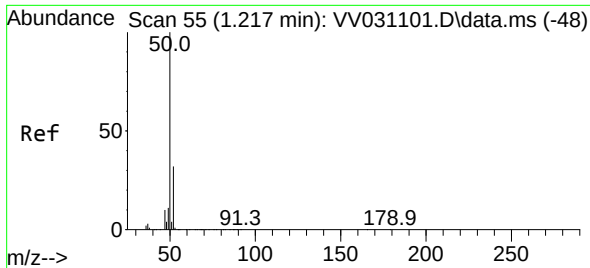
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 20 00:29:13 2023
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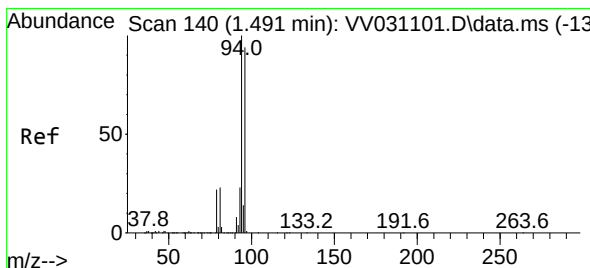
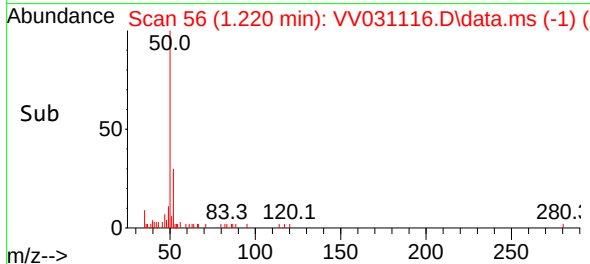
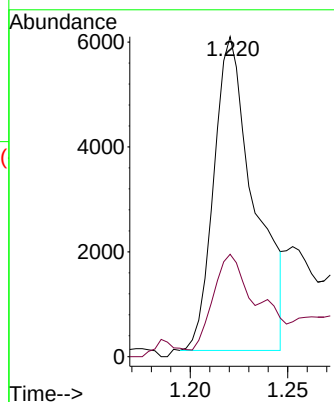
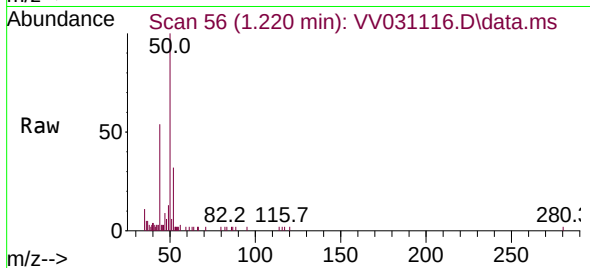




#3
Chloromethane
Concen: 4.686 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

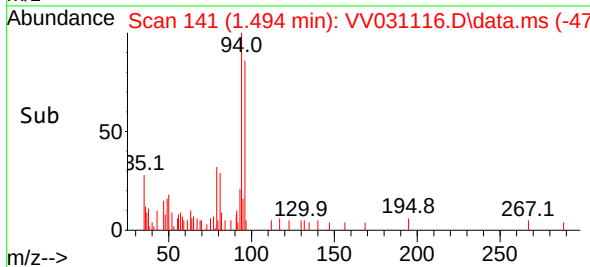
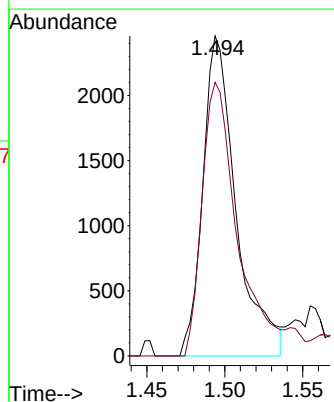
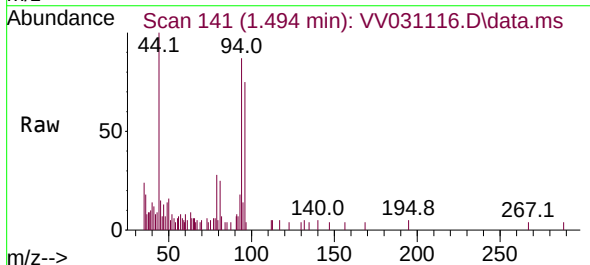
Instrument :
MSVOA_V
ClientSampleId :
GBX85

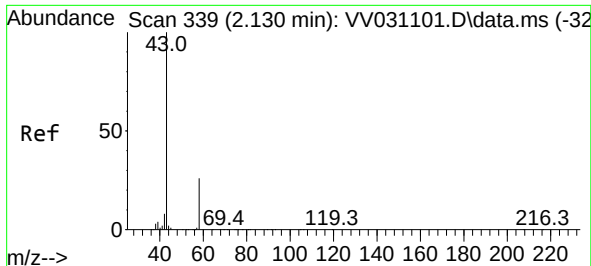
Tgt Ion: 50 Resp: 8623
Ion Ratio Lower Upper
50 100
52 32.0 23.3 43.3



#6
Bromomethane
Concen: 3.948 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Tgt Ion: 94 Resp: 3637
Ion Ratio Lower Upper
94 100
96 90.3 63.9 118.7





#13

Acetone

Concen: 7.353 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031116.D

Acq: 19 May 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

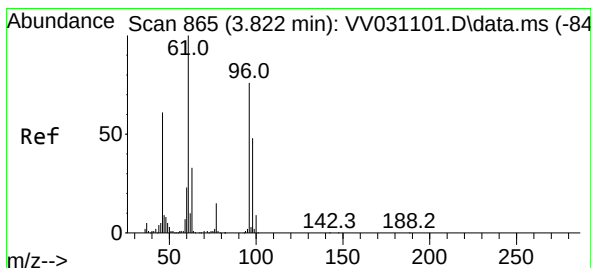
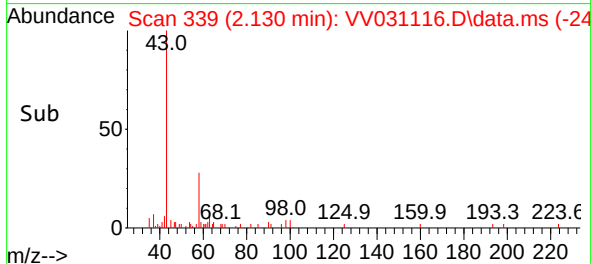
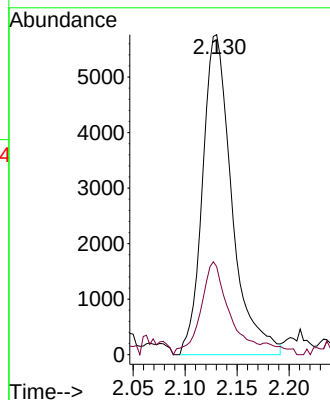
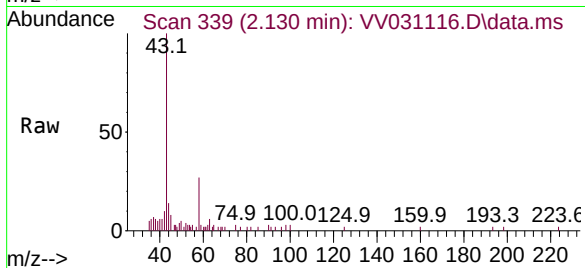
GBX85

Tgt Ion: 43 Resp: 11334

Ion Ratio Lower Upper

43 100

58 28.0 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 1.503 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031116.D

Acq: 19 May 2023 19:00

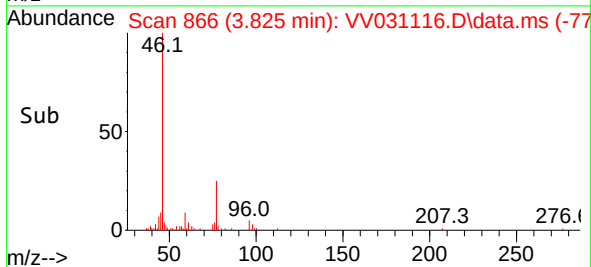
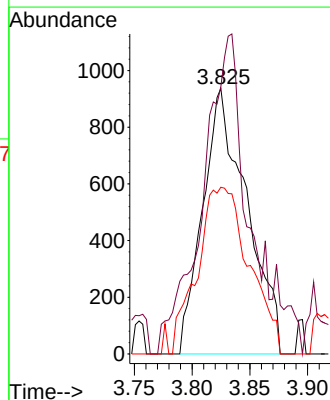
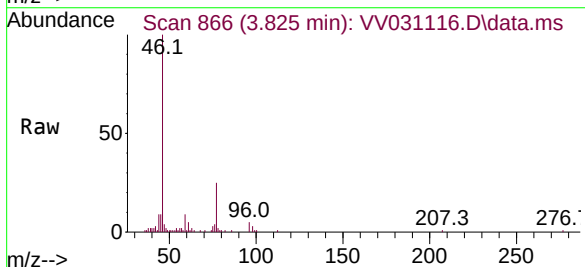
Tgt Ion: 96 Resp: 2477

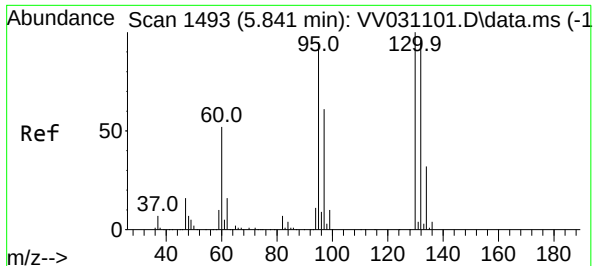
Ion Ratio Lower Upper

96 100

61 100.6 89.2 165.6

98 62.8 43.0 80.0



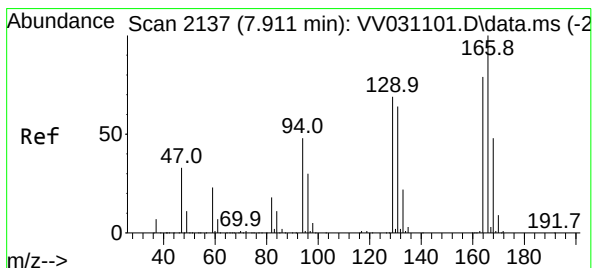
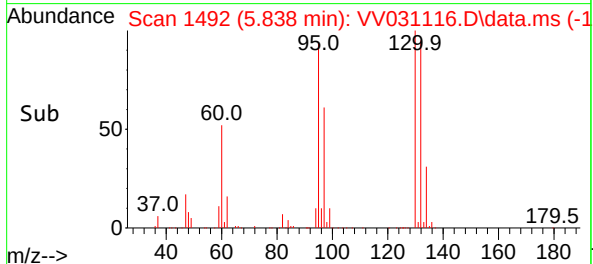
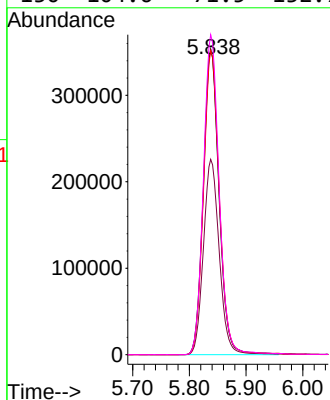
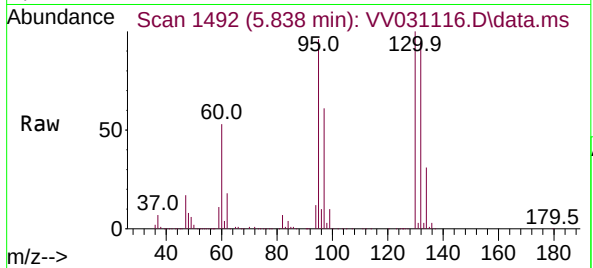


#34
Trichloroethene
Concen: 420.932 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Instrument :
MSVOA_V
ClientSampleId :
GBX85

Tgt Ion: 95 Resp: 682504

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.4	82.5
132	99.5	70.2	130.4
130	104.6	71.5	132.7



#46
Tetrachloroethene
Concen: 1.727 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Tgt Ion: 164 Resp: 2405

Ion	Ratio	Lower	Upper
164	100		
129	97.2	65.5	121.7
131	81.9	62.1	115.3
166	150.4	93.4	173.4

