

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031115.D
 Acq On : 19 May 2023 18:35
 Operator : SY/MD
 Sample : 02866-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX84

Quant Time: May 20 00:36:30 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)

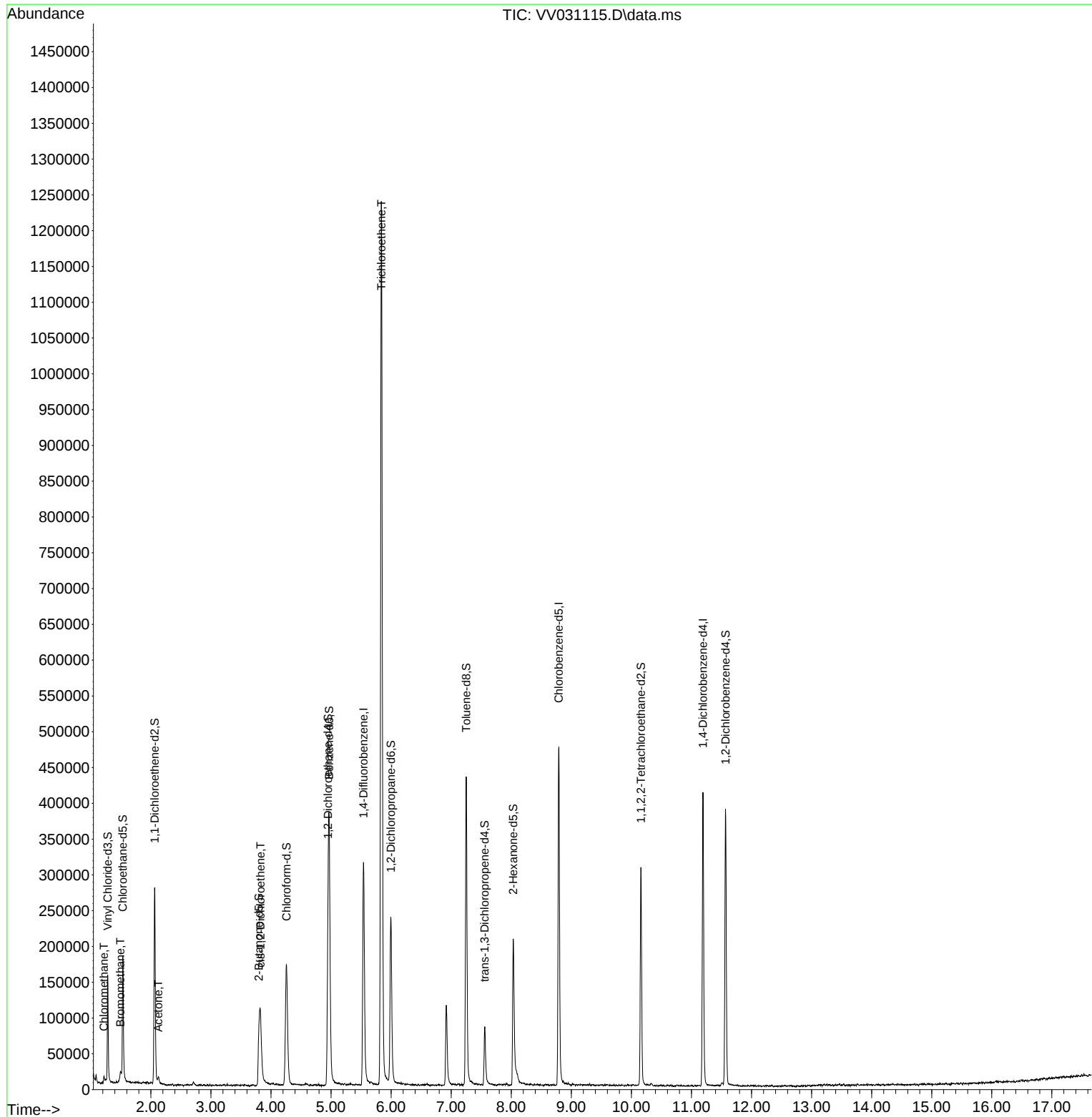
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	261539	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	251572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108731	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	96765	43.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.580%
7) Chloroethane-d5	1.532	69	97412	56.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.140%
11) 1,1-Dichloroethene-d2	2.063	65	44228	42.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.400%
21) 2-Butanone-d5	3.799	46	104814	88.005	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.000%
24) Chloroform-d	4.259	84	175124	44.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
26) 1,2-Dichloroethane-d4	4.950	65	125456	46.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
32) Benzene-d6	4.969	84	316420	46.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.995	67	95420	46.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.520%
41) Toluene-d8	7.249	98	276314	43.410	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.820%
43) trans-1,3-Dichloroprop...	7.558	79	45624	44.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.120%
47) 2-Hexanone-d5	8.034	63	67943	85.397	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130252	42.558	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.120%
66) 1,2-Dichlorobenzene-d4	11.567	152	97764	50.035	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	9123	4.935	ug/L	100
6) Bromomethane	1.494	94	3897	4.212	ug/L	93
13) Acetone	2.124	43	8534	5.512	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	40385	24.389	ug/L	96
34) Trichloroethene	5.838	95	404358	250.391	ug/L	99

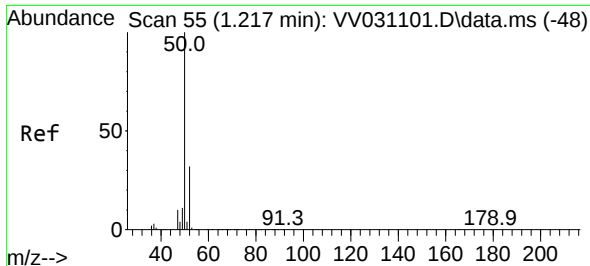
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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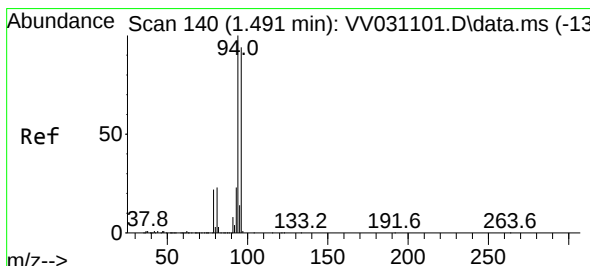
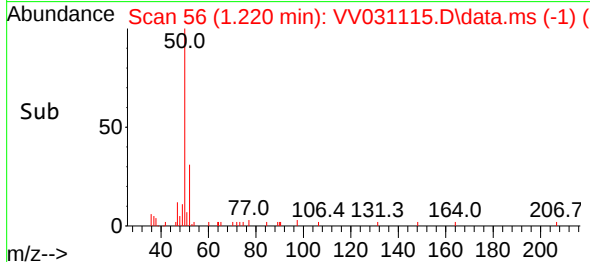
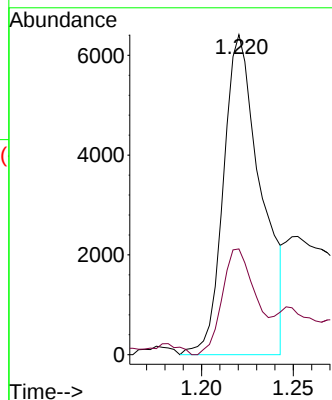
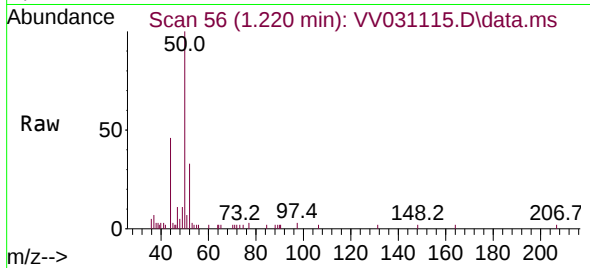




#3
Chloromethane
Concen: 4.935 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031115.D
Acq: 19 May 2023 18:35

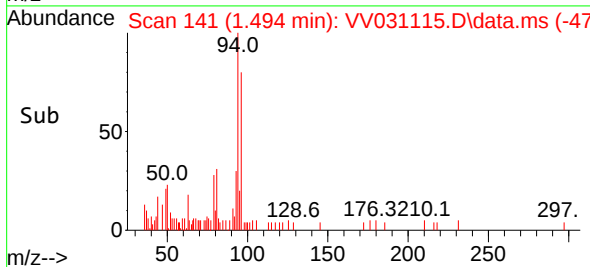
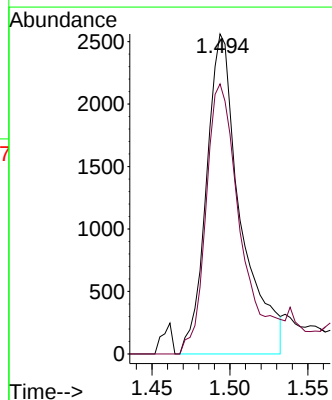
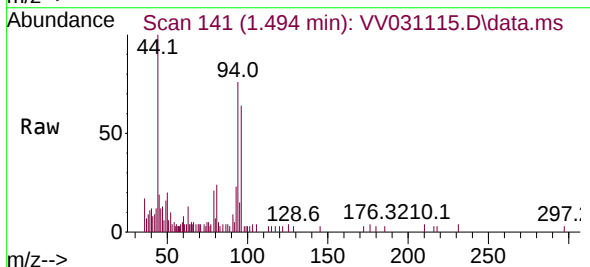
Instrument :
MSVOA_V
ClientSampleId :
GBX84

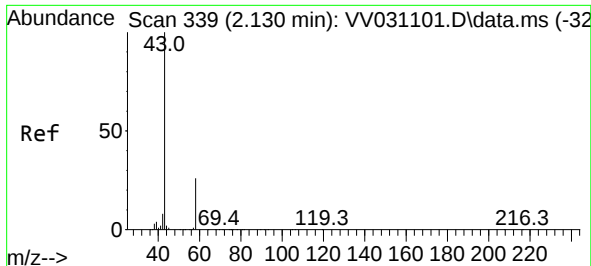
Tgt Ion: 50 Resp: 9123
Ion Ratio Lower Upper
50 100
52 33.0 23.3 43.3



#6
Bromomethane
Concen: 4.212 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031115.D
Acq: 19 May 2023 18:35

Tgt Ion: 94 Resp: 3897
Ion Ratio Lower Upper
94 100
96 84.4 63.9 118.7





#13

Acetone

Concen: 5.512 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV031115.D

Acq: 19 May 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

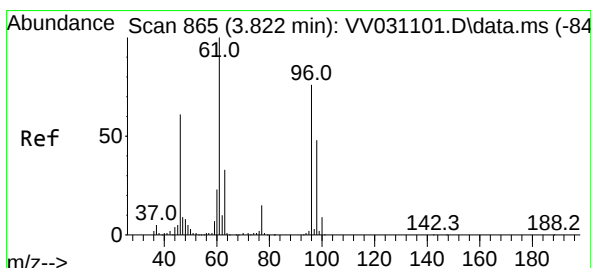
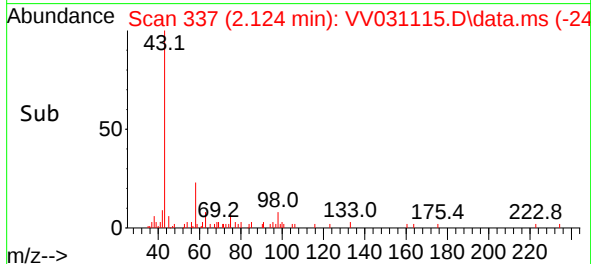
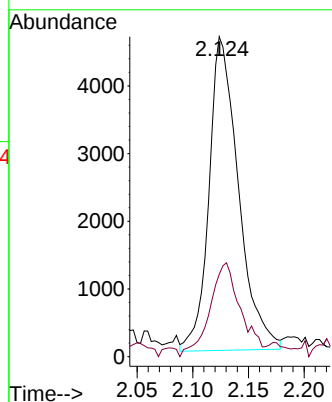
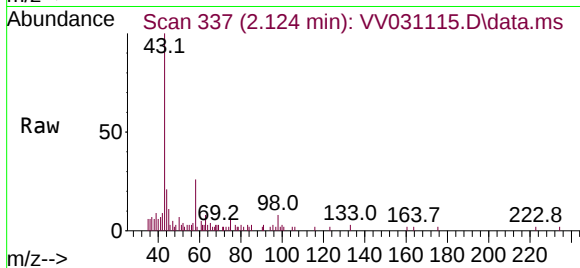
GBX84

Tgt Ion: 43 Resp: 8534

Ion Ratio Lower Upper

43 100

58 28.6 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 24.389 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031115.D

Acq: 19 May 2023 18:35

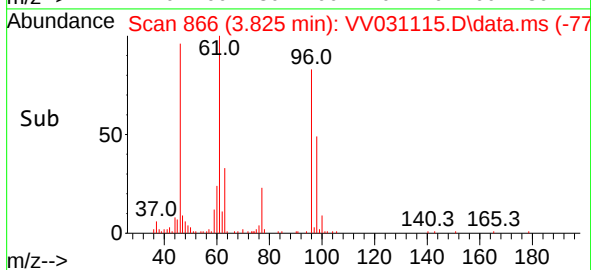
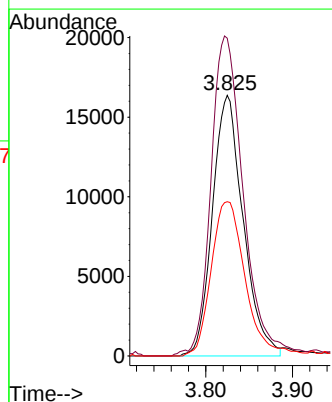
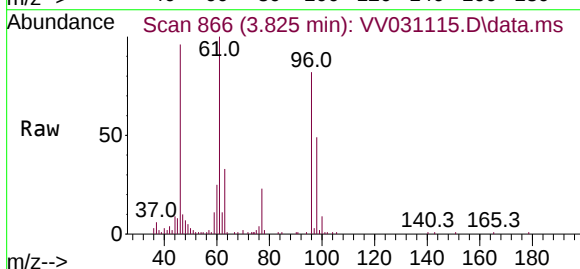
Tgt Ion: 96 Resp: 40385

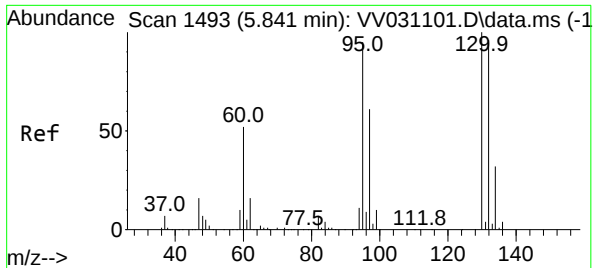
Ion Ratio Lower Upper

96 100

61 121.9 89.2 165.6

98 59.1 43.0 80.0





#34
 Trichloroethene
 Concen: 250.391 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.003 min
 Lab File: VV031115.D
 Acq: 19 May 2023 18:35

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX84

Tgt Ion: 95 Resp: 404358

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.4	82.5
132	100.1	70.2	130.4
130	103.0	71.5	132.7

