

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031113.D
 Acq On : 19 May 2023 17:46
 Operator : SY/MD
 Sample : 02866-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX82

Quant Time: May 20 00:36:00 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)

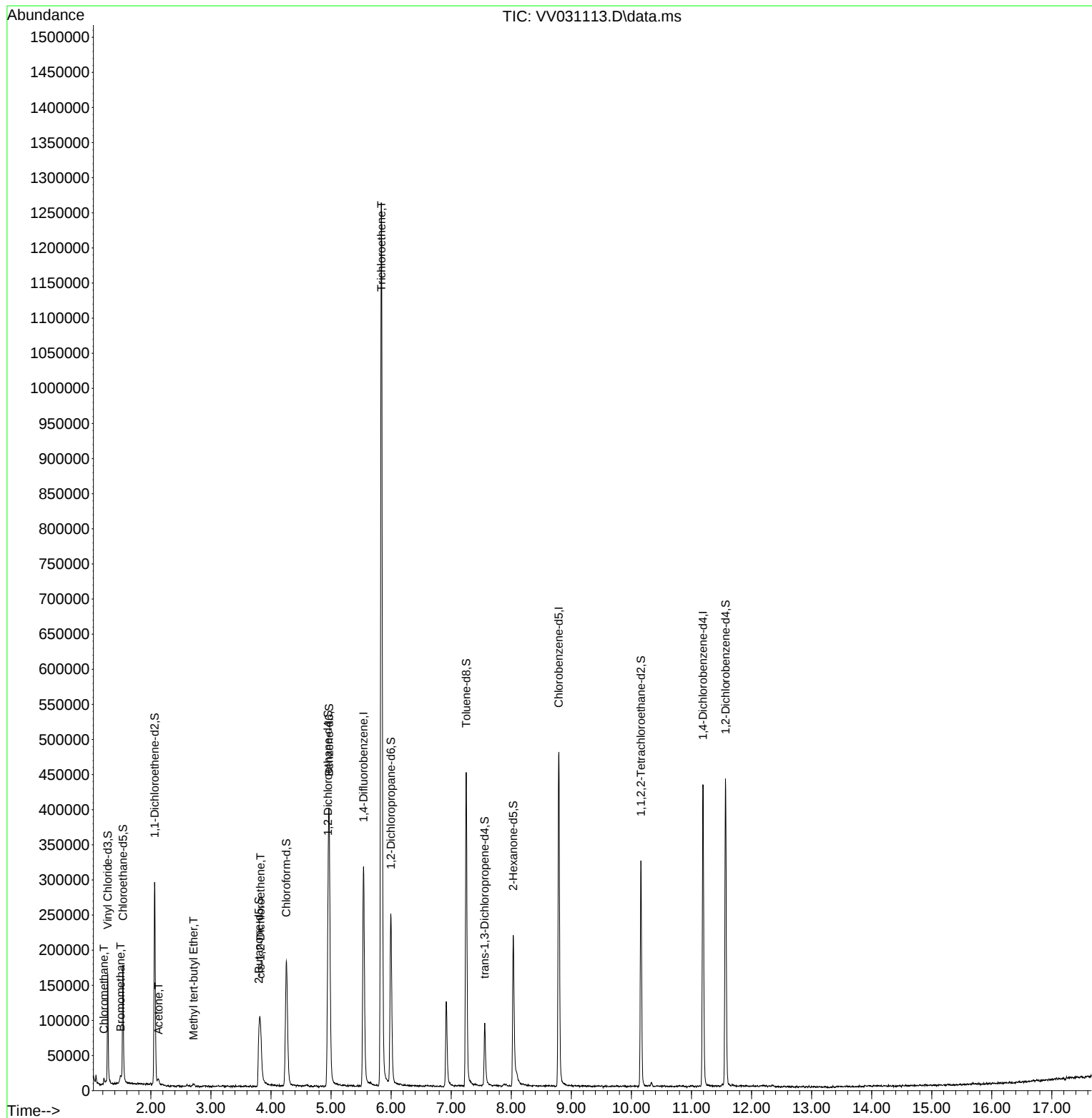
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	264037	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	254254	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	115255	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	100650	44.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.200%
7) Chloroethane-d5	1.536	69	94118	54.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.280%
11) 1,1-Dichloroethene-d2	2.063	65	47838	45.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.420%
21) 2-Butanone-d5	3.799	46	115289	95.884	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	4.256	84	183591	45.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
26) 1,2-Dichloroethane-d4	4.950	65	129300	47.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	4.969	84	331358	48.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	5.995	67	102216	49.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.249	98	290184	45.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.220%
43) trans-1,3-Dichloroprop...	7.558	79	47850	46.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
47) 2-Hexanone-d5	8.034	63	70329	87.463	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.460%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136775	44.218	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.440%
66) 1,2-Dichlorobenzene-d4	11.567	152	113223	54.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	7573	4.058	ug/L	98
6) Bromomethane	1.497	94	3093	3.311	ug/L	92
13) Acetone	2.127	43	8402	5.375	ug/L	92
18) Methyl tert-butyl Ether	2.709	73	2886	0.551	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	32548	19.470	ug/L	99
34) Trichloroethene	5.838	95	410481	251.502	ug/L	98

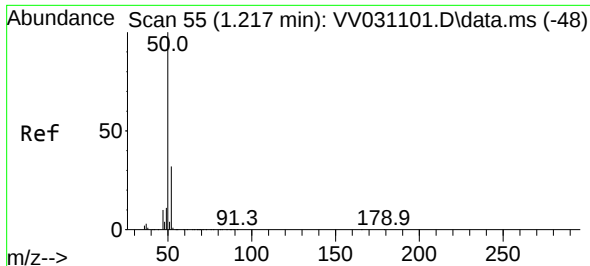
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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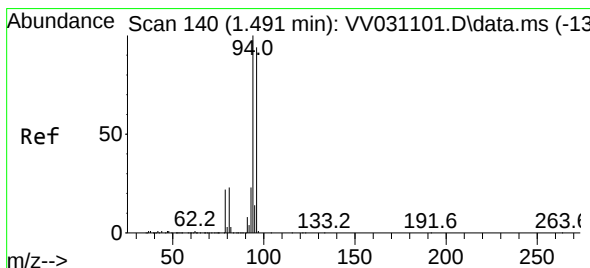
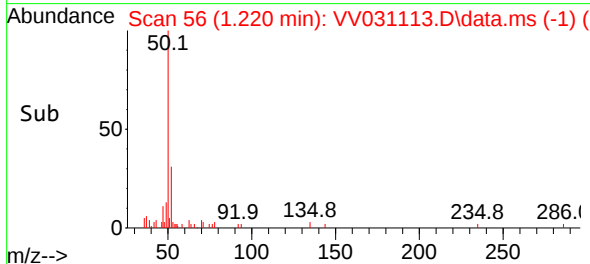
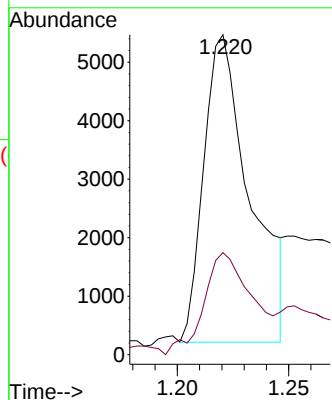
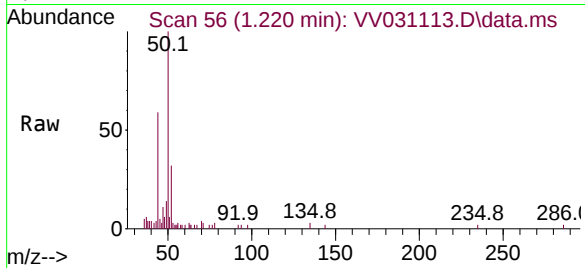




#3
Chloromethane
Concen: 4.058 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031113.D
Acq: 19 May 2023 17:46

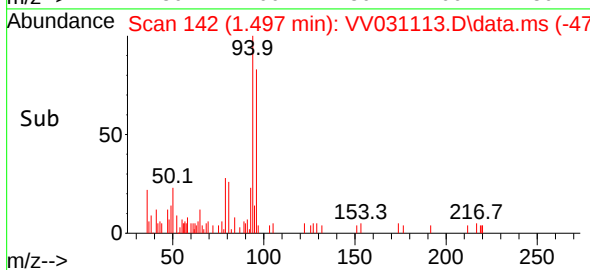
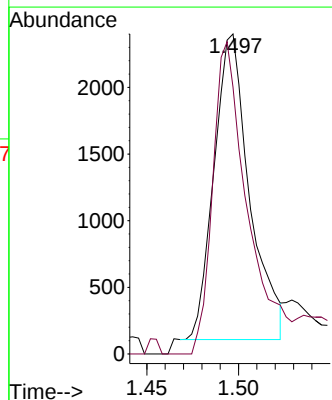
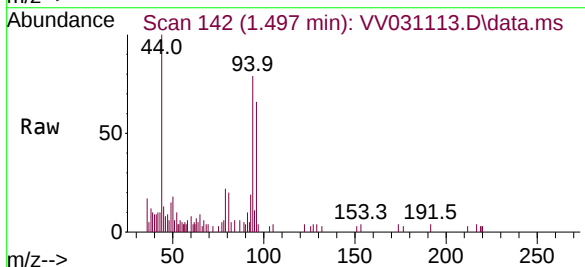
Instrument :
MSVOA_V
ClientSampleId :
GBX82

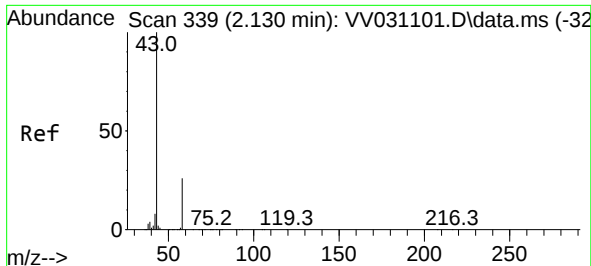
Tgt Ion: 50 Resp: 7573
Ion Ratio Lower Upper
50 100
52 31.9 23.3 43.3



#6
Bromomethane
Concen: 3.311 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031113.D
Acq: 19 May 2023 17:46

Tgt Ion: 94 Resp: 3093
Ion Ratio Lower Upper
94 100
96 83.4 63.9 118.7





#13

Acetone

Concen: 5.375 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031113.D

Acq: 19 May 2023 17:46

Instrument :

MSVOA_V

ClientSampleId :

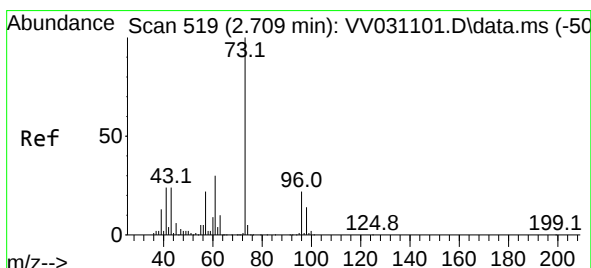
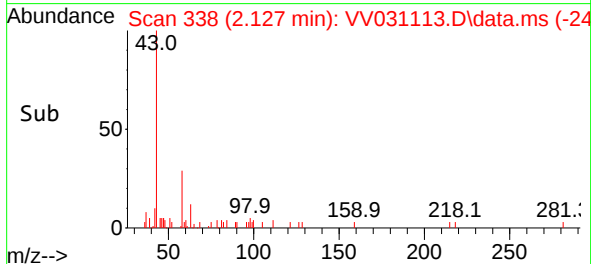
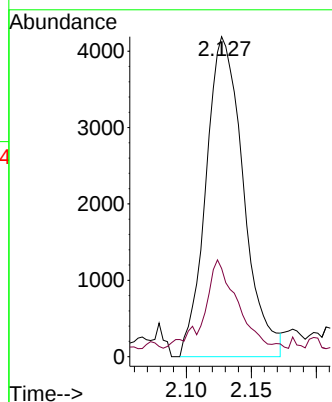
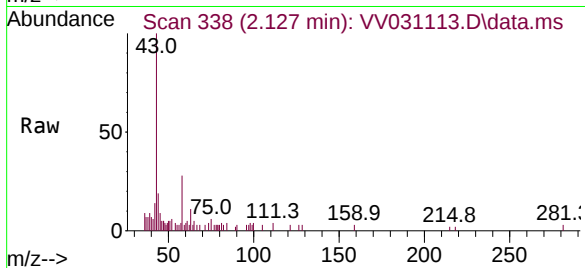
GBX82

Tgt Ion: 43 Resp: 8402

Ion Ratio Lower Upper

43 100

58 23.1 0.0 54.0



#18

Methyl tert-butyl Ether

Concen: 0.551 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031113.D

Acq: 19 May 2023 17:46

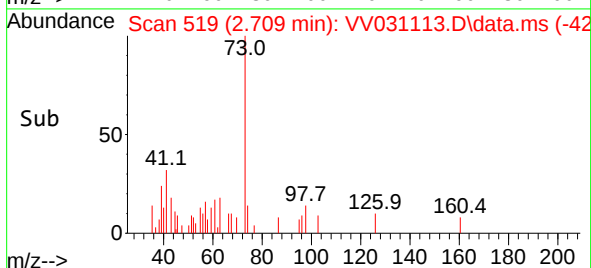
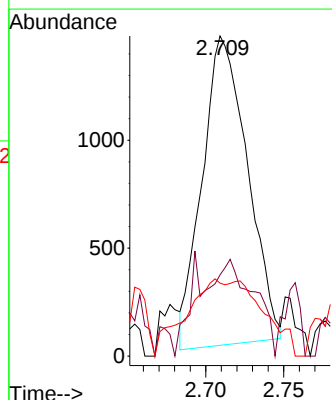
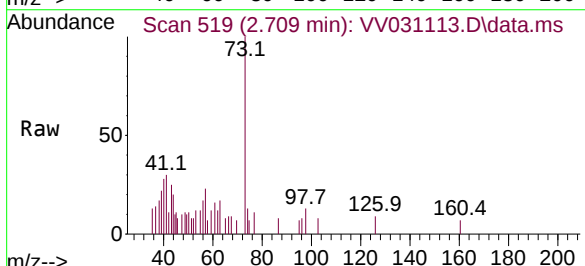
Tgt Ion: 73 Resp: 2886

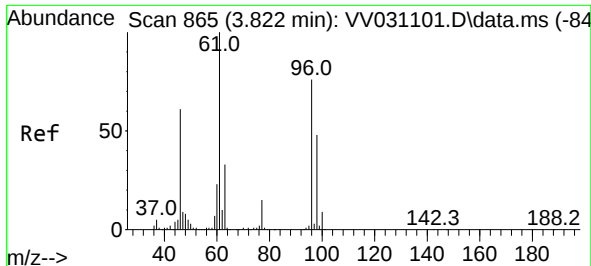
Ion Ratio Lower Upper

73 100

43 25.4 19.4 29.2

57 21.8 17.1 25.7

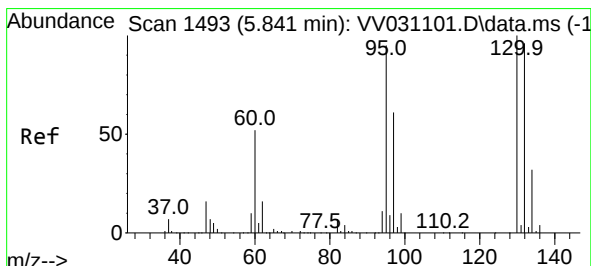
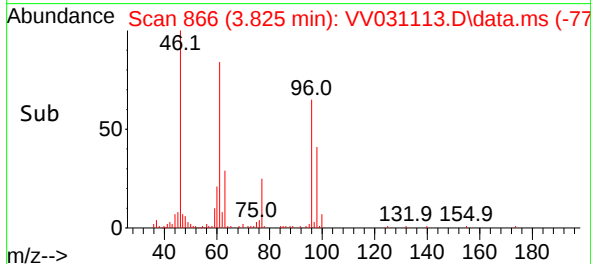
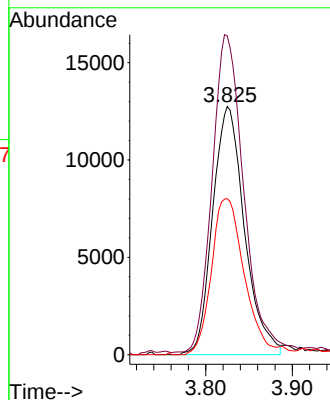
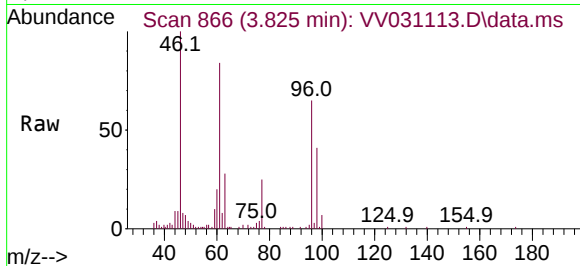




#20
cis-1,2-Dichloroethene
Concen: 19.470 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031113.D
Acq: 19 May 2023 17:46

Instrument :
MSVOA_V
ClientSampleId :
GBX82

Tgt Ion: 96 Resp: 32548
Ion Ratio Lower Upper
96 100
61 128.5 89.2 165.6
98 62.9 43.0 80.0



#34
Trichloroethene
Concen: 251.502 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031113.D
Acq: 19 May 2023 17:46

Tgt Ion: 95 Resp: 410481
Ion Ratio Lower Upper
95 100
97 65.9 44.4 82.5
132 99.3 70.2 130.4
130 105.0 71.5 132.7

