

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031143.D
 Acq On : 20 May 2023 06:48
 Operator : SY/MD
 Sample : 02865-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX72

Quant Time: May 22 00:15:01 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)

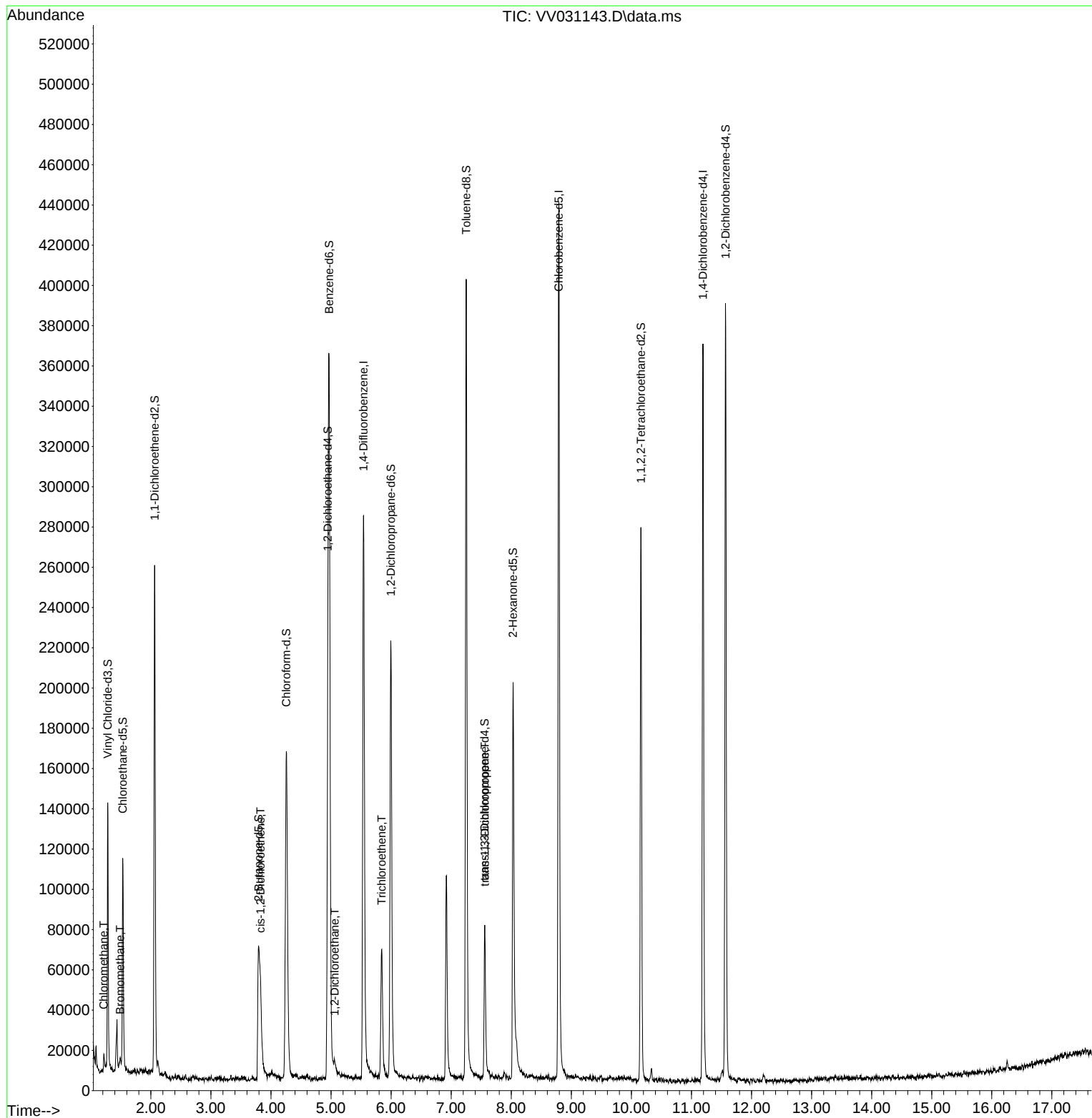
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	239155	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	231925	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	98217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	86626	42.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.760%
7) Chloroethane-d5	1.532	69	70105	44.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	2.063	65	41572	43.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.740%
21) 2-Butanone-d5	3.793	46	97966	89.954	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.950%
24) Chloroform-d	4.256	84	167706	46.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	4.947	65	119640	48.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.940%
32) Benzene-d6	4.966	84	300780	47.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	5.995	67	91797	48.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	7.249	98	259313	44.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.380%
43) trans-1,3-Dichloroprop...	7.558	79	40506	42.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.840%
47) 2-Hexanone-d5	8.031	63	63934	87.165	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.170%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	115270	40.853	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.700%
66) 1,2-Dichlorobenzene-d4	11.567	152	96993	54.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	9287	5.494	ug/L	99
6) Bromomethane	1.487	94	2364	2.794	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	16153	10.668	ug/L	89
27) 1,2-Dichloroethane	5.060	62	5192	1.957	ug/L #	93
34) Trichloroethene	5.844	95	21729	14.595	ug/L	93
44) trans-1,3-Dichloropropene	7.561	75	2657	1.114	ug/L	96

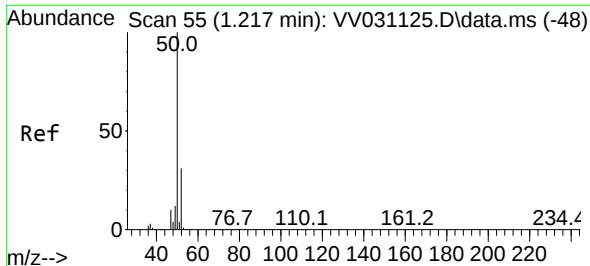
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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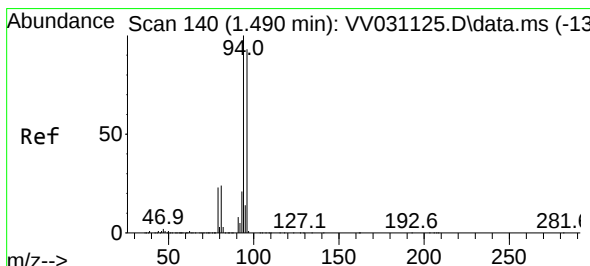
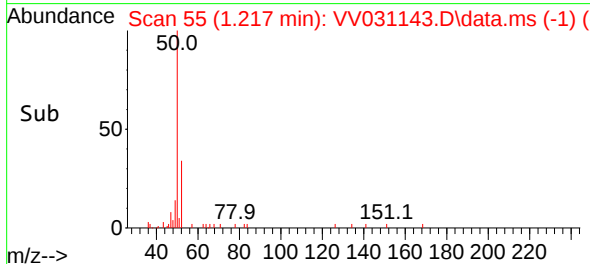
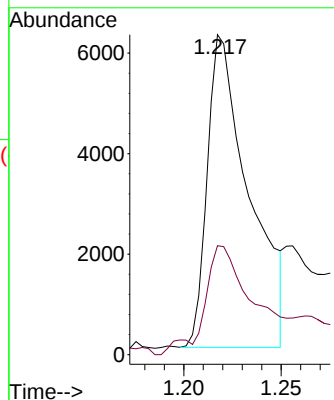
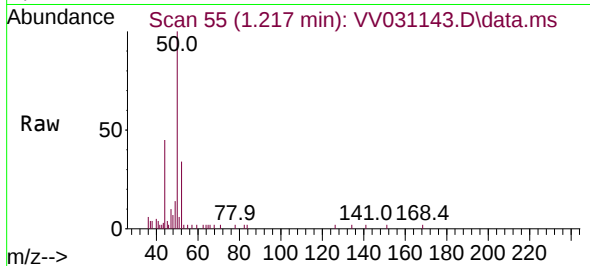




#3
Chloromethane
Concen: 5.494 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031143.D
Acq: 20 May 2023 06:48

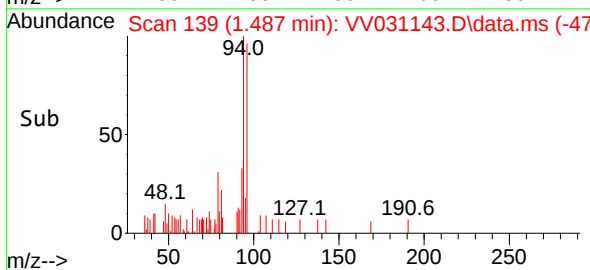
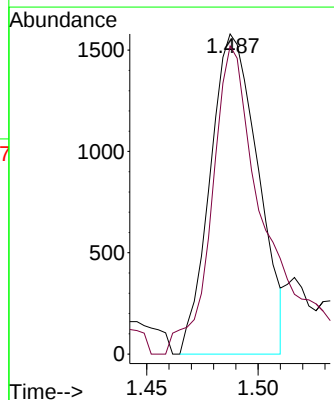
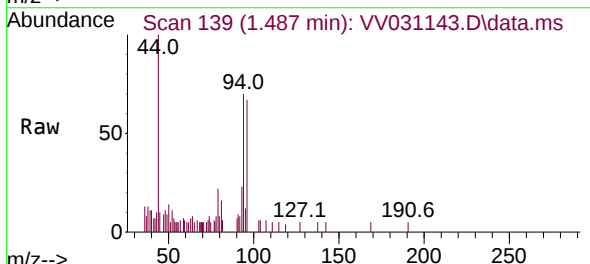
Instrument :
MSVOA_V
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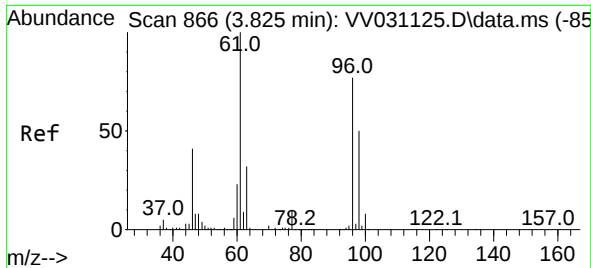
Tgt Ion: 50 Resp: 9287
Ion Ratio Lower Upper
50 100
52 34.1 23.3 43.3



#6
Bromomethane
Concen: 2.794 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031143.D
Acq: 20 May 2023 06:48

Tgt Ion: 94 Resp: 2364
Ion Ratio Lower Upper
94 100
96 96.3 63.9 118.7

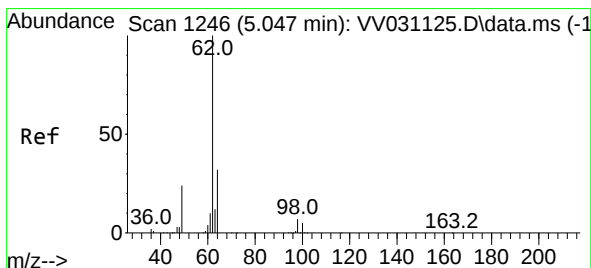
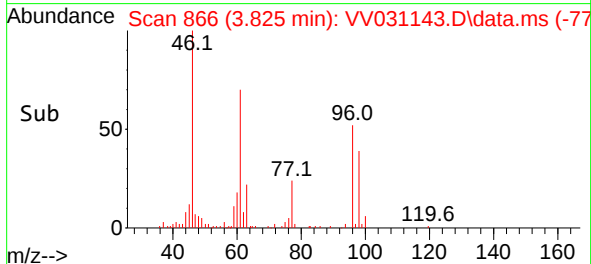
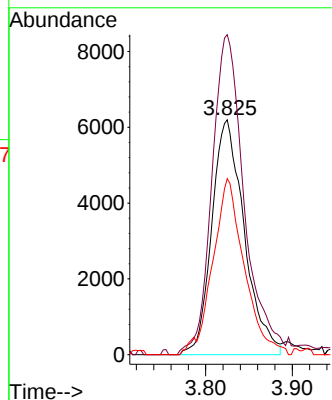
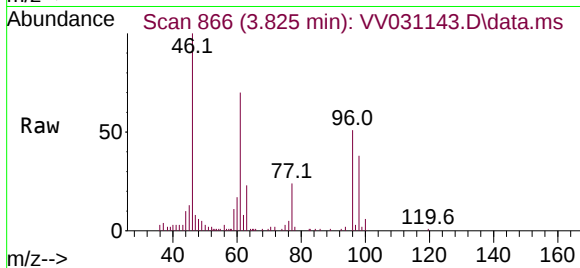




#20
 cis-1,2-Dichloroethene
 Concen: 10.668 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV031143.D
 Acq: 20 May 2023 06:48

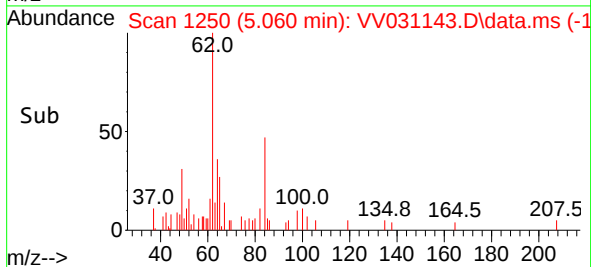
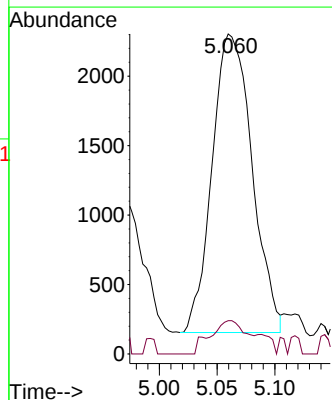
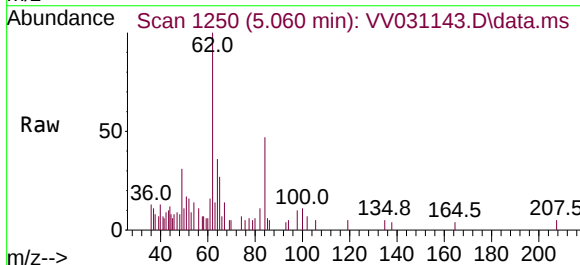
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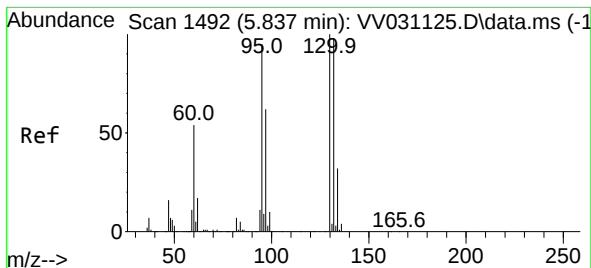
Tgt Ion: 96 Resp: 16153
 Ion Ratio Lower Upper
 96 100
 61 136.2 89.2 165.6
 98 74.9 43.0 80.0



#27
 1,2-Dichloroethane
 Concen: 1.957 ug/L
 RT: 5.060 min Scan# 1250
 Delta R.T. 0.013 min
 Lab File: VV031143.D
 Acq: 20 May 2023 06:48

Tgt Ion: 62 Resp: 5192
 Ion Ratio Lower Upper
 62 100
 98 10.4 6.3 9.5#





#34

Trichloroethene

Concen: 14.595 ug/L

RT: 5.844 min Scan# 14

Delta R.T. 0.007 min

Lab File: VV031143.D

Acq: 20 May 2023 06:48

Instrument :

MSVOA_V

ClientSampleId :

GBX72

Tgt Ion: 95 Resp: 21729

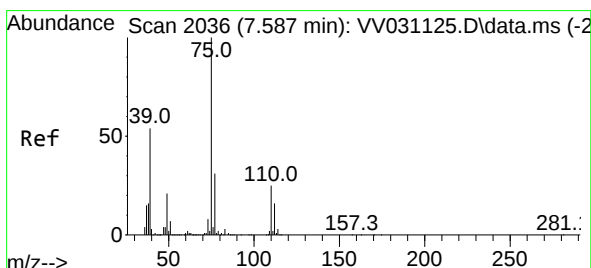
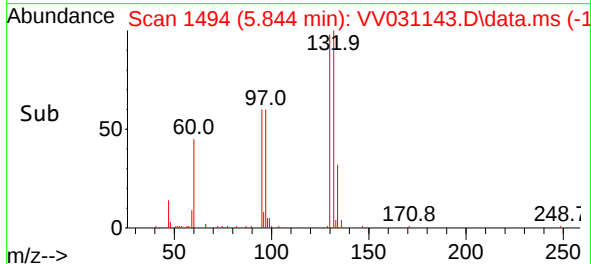
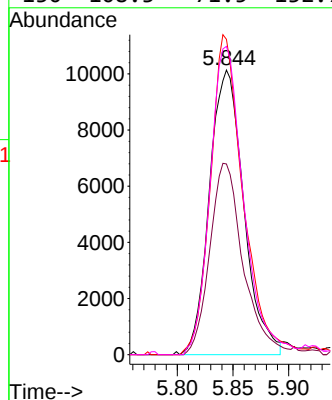
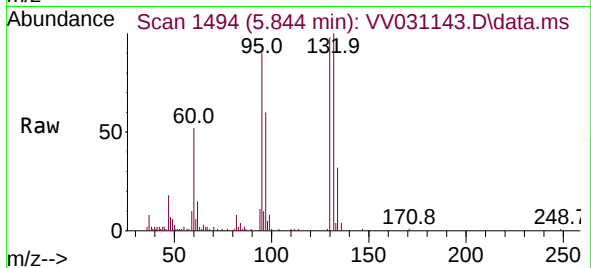
Ion Ratio Lower Upper

95 100

97 67.0 44.4 82.5

132 110.8 70.2 130.4

130 108.3 71.5 132.7



#44

trans-1,3-Dichloropropene

Concen: 1.114 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031143.D

Acq: 20 May 2023 06:48

Tgt Ion: 75 Resp: 2657

Ion Ratio Lower Upper

75 100

77 29.5 22.2 41.2

