

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026227.D
 Acq On : 16 Jun 2023 14:53
 Operator : SY/MD
 Sample : 03307-07
 Misc : 5.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW10

Quant Time: Jun 17 00:04:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

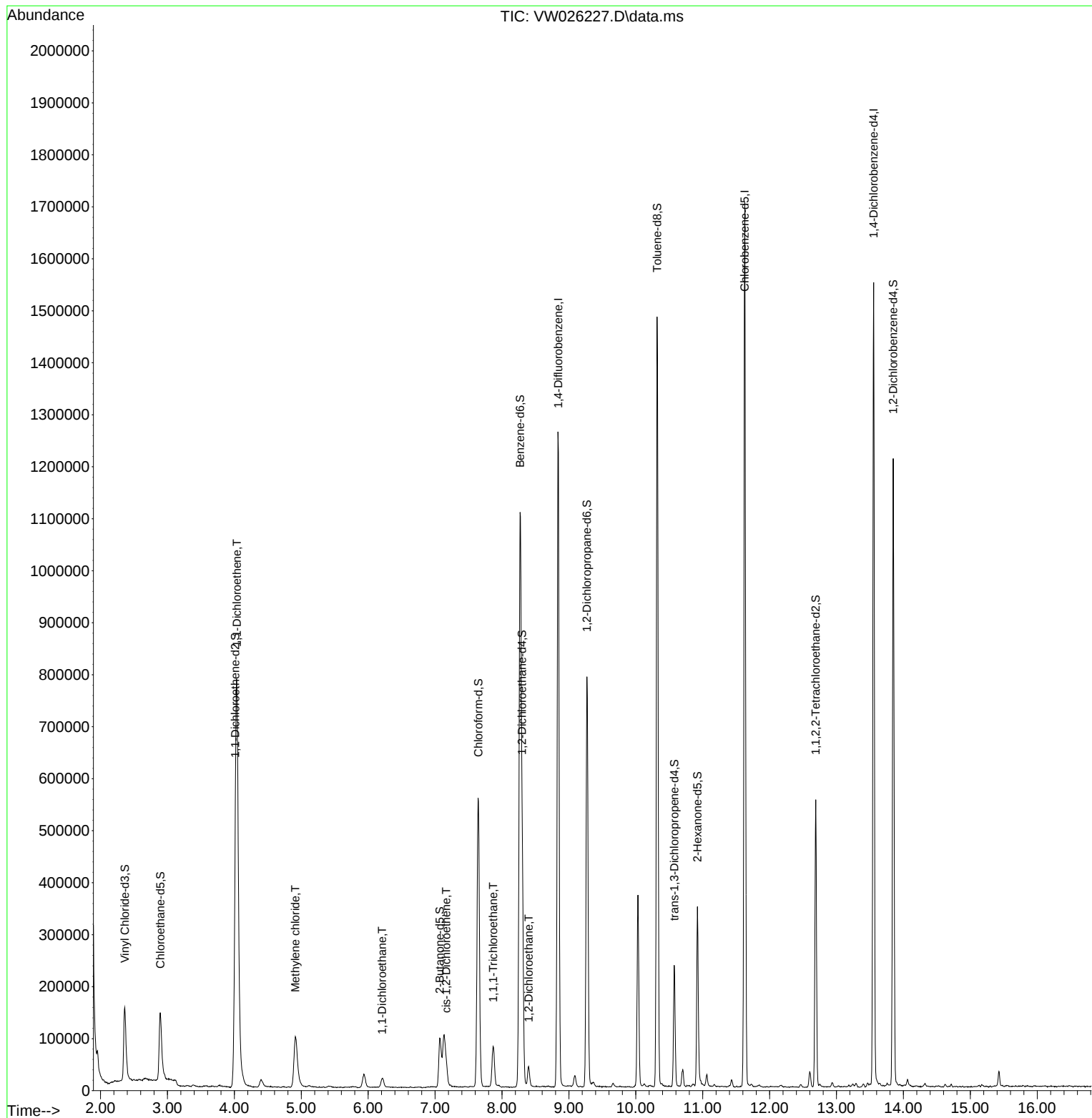
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	994669	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	863249	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	365908	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	217877	15.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.280%
7) Chloroethane-d5	2.893	69	201731	19.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.040%
11) 1,1-Dichloroethene-d2	4.015	65	119770	17.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.440%
21) 2-Butanone-d5	7.069	46	172405	42.320	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.640%
24) Chloroform-d	7.648	84	561734	19.285	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.160%
26) 1,2-Dichloroethane-d4	8.301	65	315126	19.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.160%
32) Benzene-d6	8.270	84	1109409	19.099	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	9.270	67	367847	19.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.960%
41) Toluene-d8	10.319	98	946377	18.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.480%
43) trans-1,3-Dichloroprop...	10.575	79	124750	17.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.440%
47) 2-Hexanone-d5	10.922	63	110118	37.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	274555	20.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	276970	19.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.120%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.039	96	365121	28.831	ug/L	# 70
16) Methylene chloride	4.911	84	85726	5.400	ug/L	100
19) 1,1-Dichloroethane	6.210	63	25129	0.869	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	19397	1.289	ug/L	90
27) 1,2-Dichloroethane	8.398	62	34110	1.836	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	63713	3.041	ug/L	100

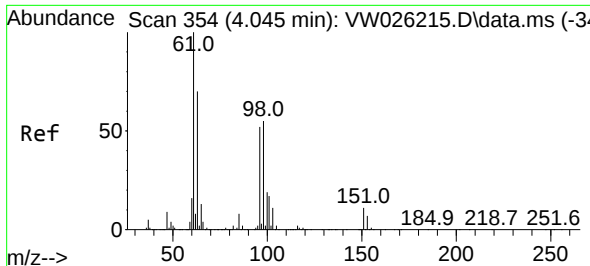
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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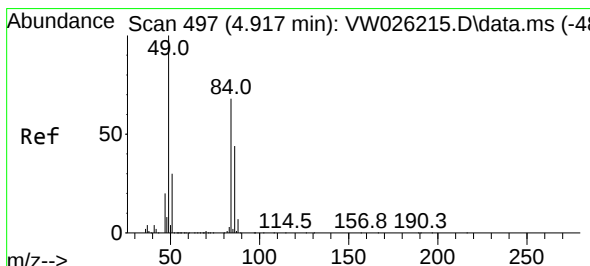
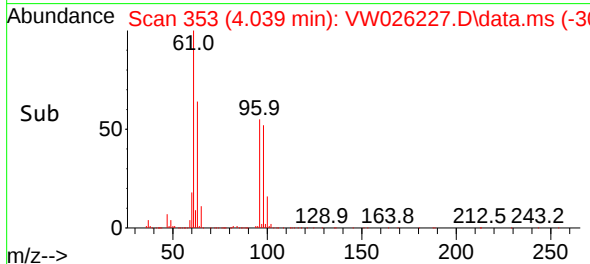
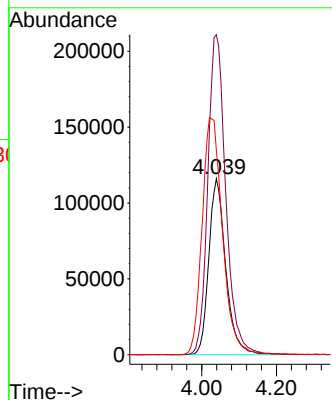
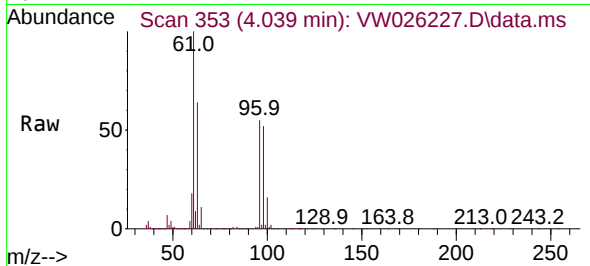




#12
1,1-Dichloroethene
Concen: 28.831 ug/L
RT: 4.039 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW026227.D
Acq: 16 Jun 2023 14:53

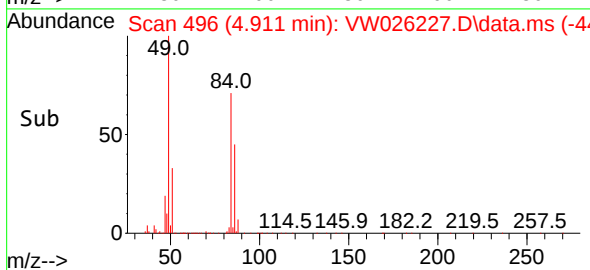
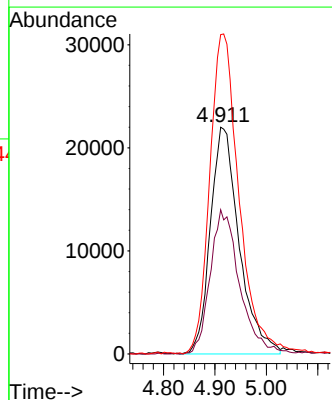
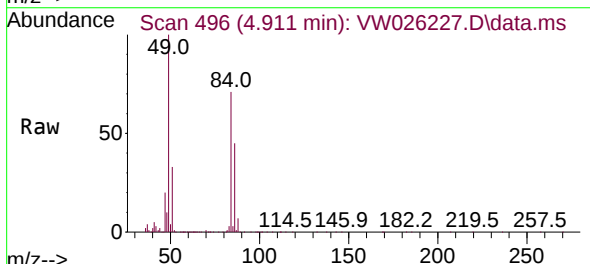
Instrument :
MSVOA_W
ClientSampleId :
YBW10

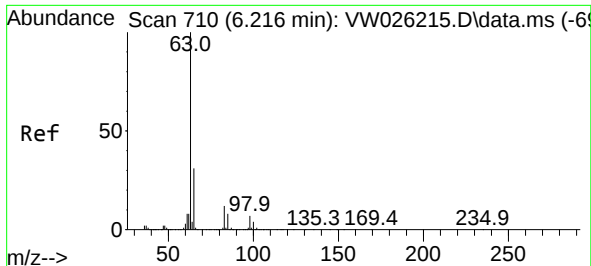
Tgt Ion: 96 Resp: 365121
Ion Ratio Lower Upper
96 100
61 181.8 140.6 261.0
63 116.0 131.7 244.5#



#16
Methylene chloride
Concen: 5.400 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW026227.D
Acq: 16 Jun 2023 14:53

Tgt Ion: 84 Resp: 85726
Ion Ratio Lower Upper
84 100
86 63.6 44.2 82.0
49 140.9 98.8 183.6





#19

1,1-Dichloroethane

Concen: 0.869 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW026227.D

Acq: 16 Jun 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

YBW10

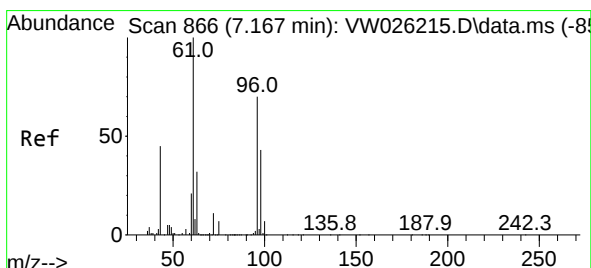
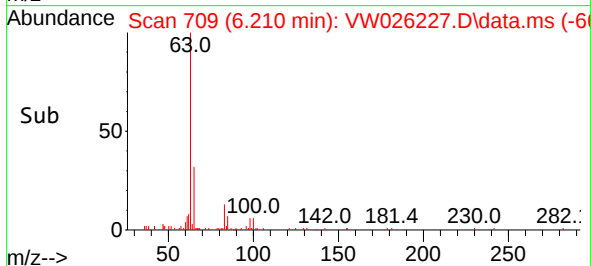
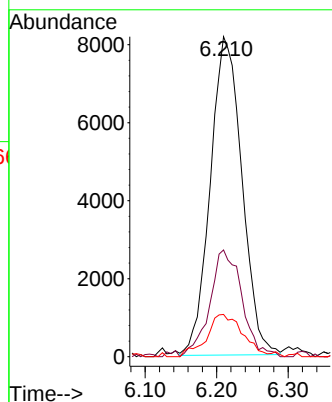
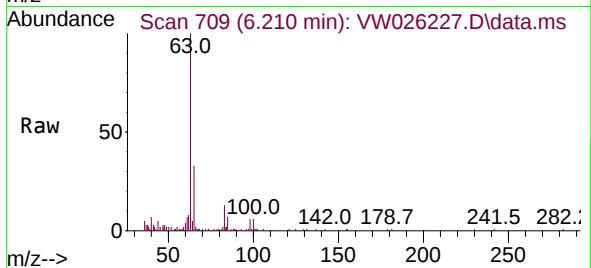
Tgt Ion: 63 Resp: 25129

Ion Ratio Lower Upper

63 100

65 33.3 22.3 41.5

83 13.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 1.289 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026227.D

Acq: 16 Jun 2023 14:53

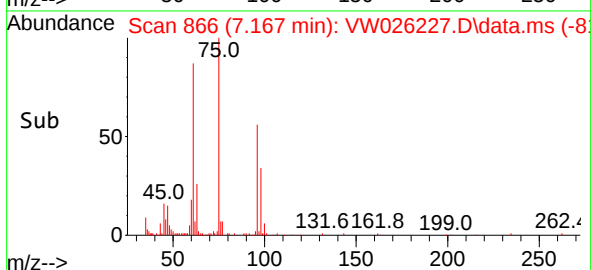
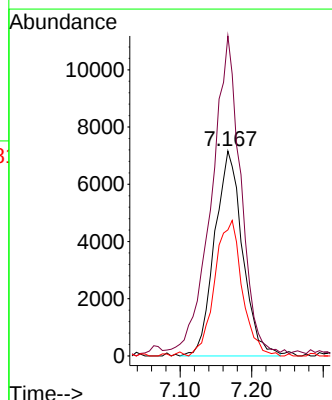
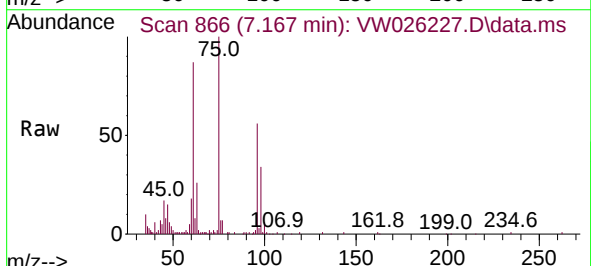
Tgt Ion: 96 Resp: 19397

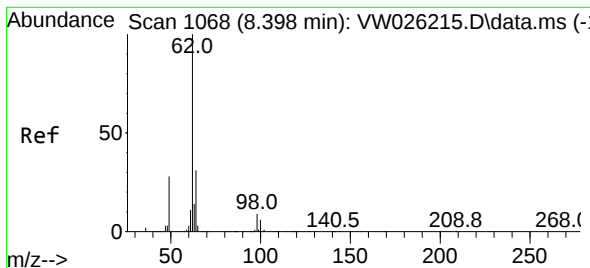
Ion Ratio Lower Upper

96 100

61 156.2 98.4 182.8

98 61.5 45.2 84.0





#27

1,2-Dichloroethane

Concen: 1.836 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW026227.D

Acq: 16 Jun 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

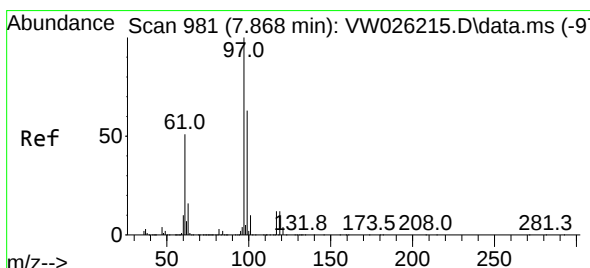
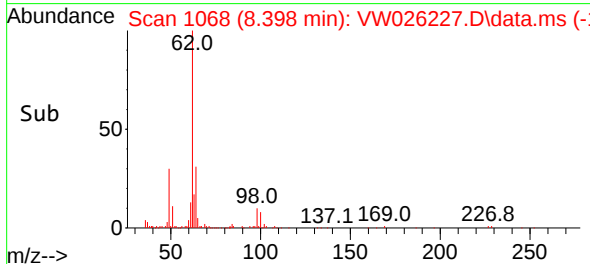
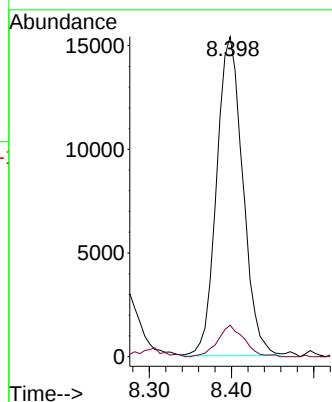
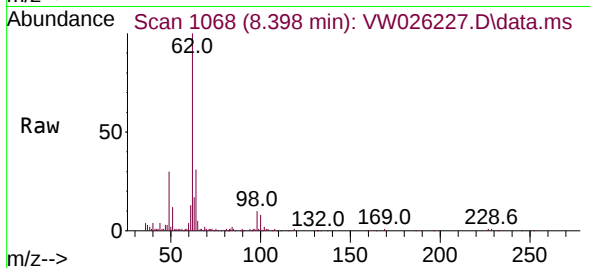
YBW10

Tgt Ion: 62 Resp: 34110

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.2



#30

1,1,1-Trichloroethane

Concen: 3.041 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW026227.D

Acq: 16 Jun 2023 14:53

Tgt Ion: 97 Resp: 63713

Ion Ratio Lower Upper

97 100

99 63.7 50.6 76.0

61 50.3 40.5 60.7

