

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018285.D
 Acq On : 10 Mar 2021 14:05
 Operator : SY/VA
 Sample : M1610-22
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG571

Quant Time: Mar 11 02:03:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

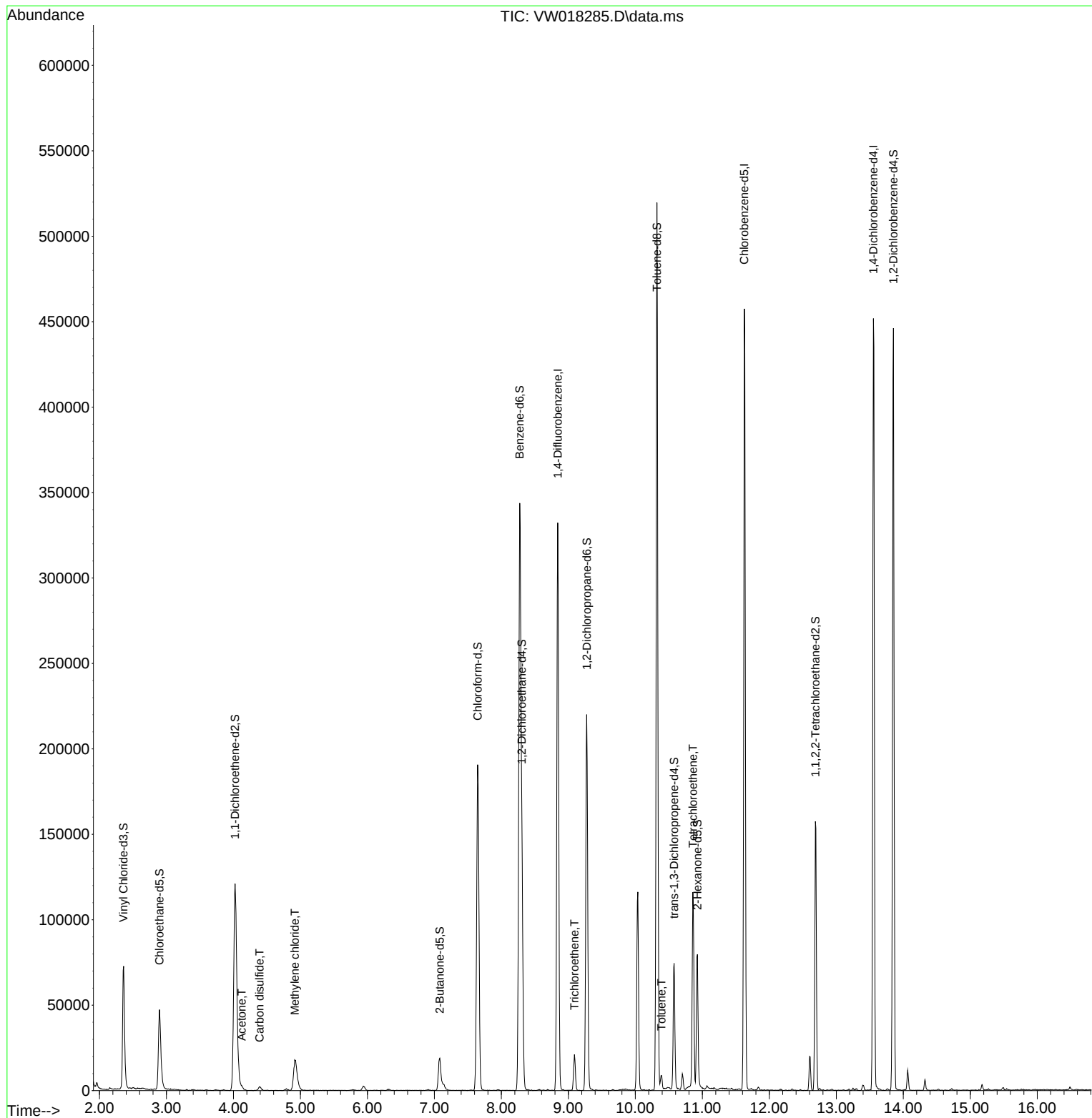
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	274022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	115210	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	86141	29.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.12%
7) Chloroethane-d5	2.897	69	66603	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
10) 1,1-Dichloroethene-d2	4.025	63	137247	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.60%
20) 2-Butanone-d5	7.080	46	30969	43.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.80%
24) Chloroform-d	7.647	84	188322	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	8.305	65	102266	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.12%
29) Benzene-d6	8.275	84	357163	27.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.20%
33) 1,2-Dichloropropane-d6	9.274	67	95776	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	10.323	98	337212	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.84%
38) trans-1,3-Dichloroprop...	10.579	79	42272	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	10.927	63	27438	45.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.00%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	72262	23.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.24%
61) 1,2-Dichlorobenzene-d4	13.853	152	106376	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	2849	5.17	ug/L	49
14) Carbon disulfide	4.391	76	3711	0.35	ug/L	99
16) Methylene chloride	4.915	84	18086	4.32	ug/L	94
35) Trichloroethene	9.091	95	6662	1.61	ug/L	95
44) Toluene	10.390	91	6671	0.42	ug/L	89
47) Tetrachloroethene	10.859	164	23708	7.64	ug/L	90

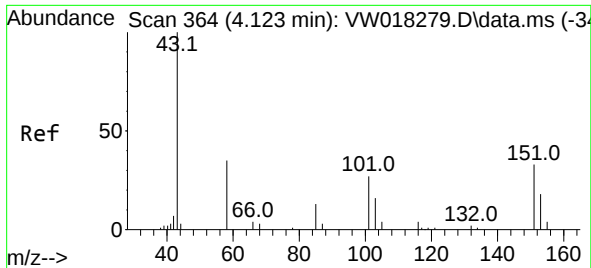
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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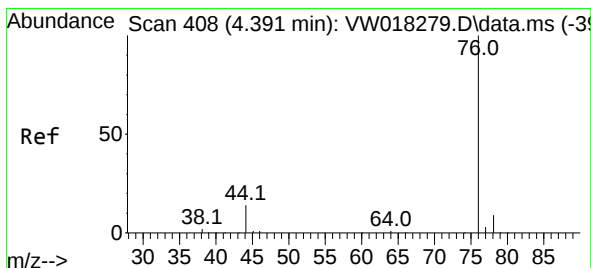
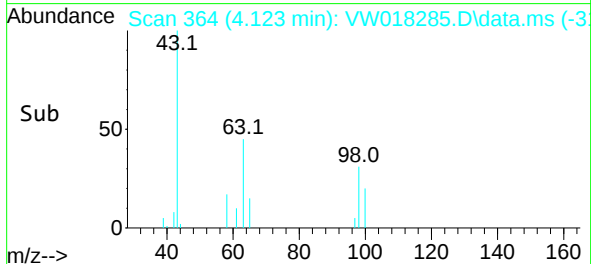
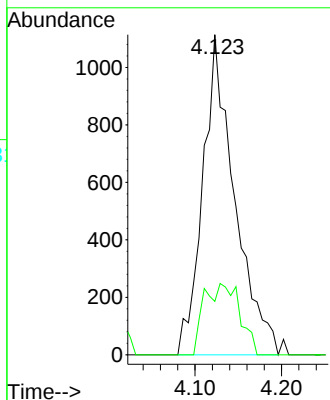
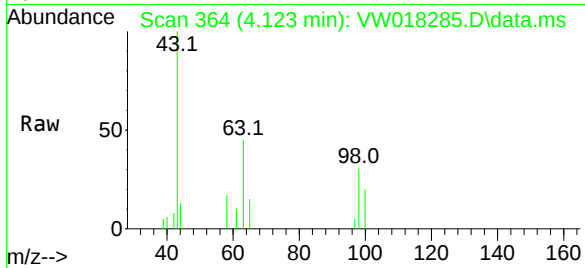




#13
Acetone
Concen: 5.17 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

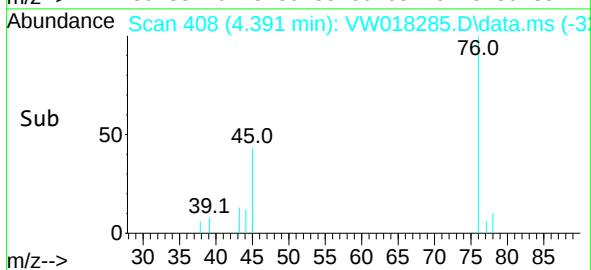
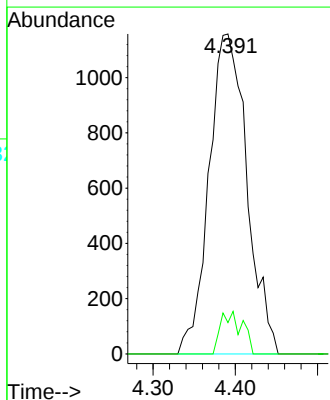
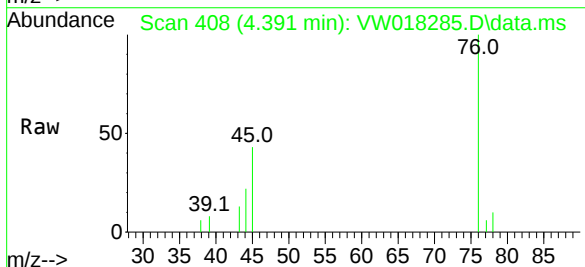
Instrument :
MSVOA_W
ClientSampled :
BG571

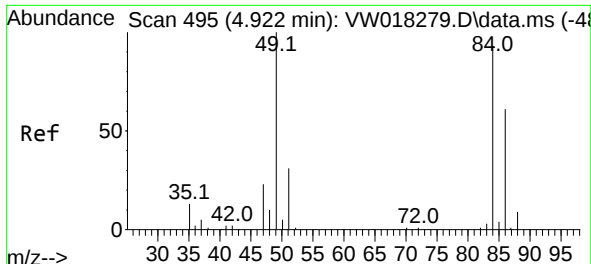
Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
58 3.0 0.0 62.2



#14
Carbon disulfide
Concen: 0.35 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion: 76 Resp: 3711
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

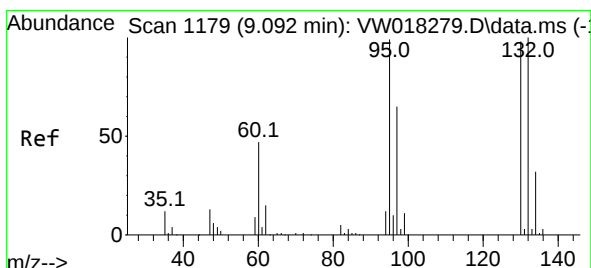
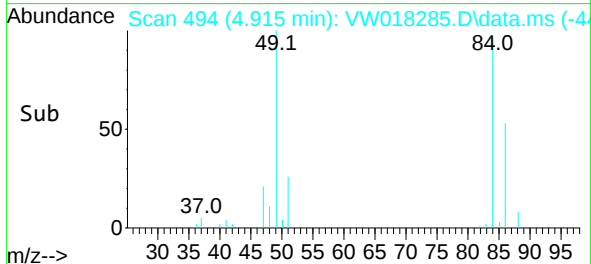
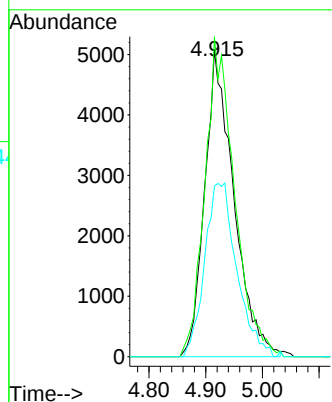
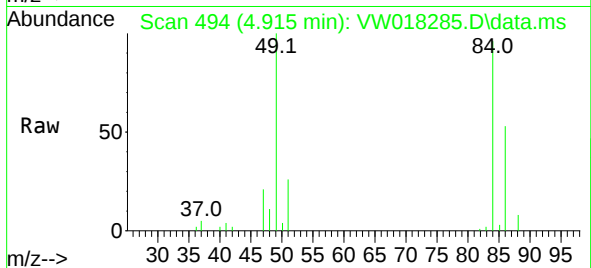




#16
Methylene chloride
Concen: 4.32 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

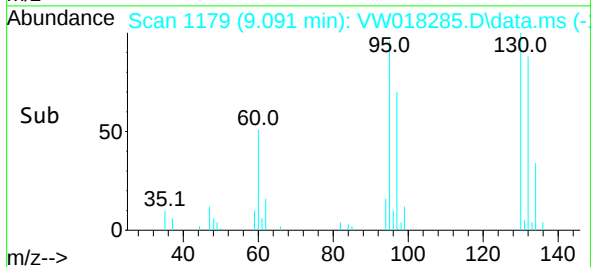
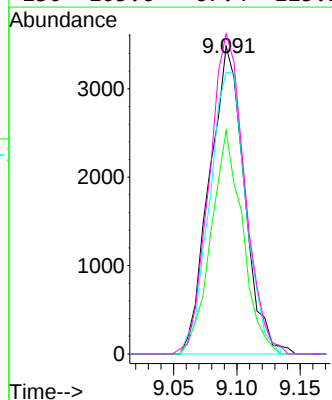
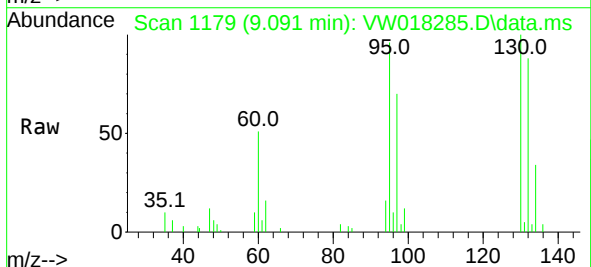
Instrument :
MSVOA_W
ClientSampled :
BG571

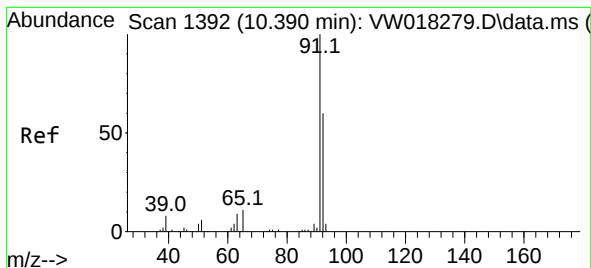
Tgt Ion: 84 Resp: 18086
Ion Ratio Lower Upper
84 100
49 104.4 74.4 138.2
86 55.7 46.1 85.7



#35
Trichloroethene
Concen: 1.61 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018285.D
Acq: 10 Mar 2021 14:05

Tgt Ion: 95 Resp: 6662
Ion Ratio Lower Upper
95 100
97 65.6 44.4 82.4
132 95.3 65.9 122.5
130 105.6 67.4 125.2





#44

Toluene

Concen: 0.42 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW018285.D

Acq: 10 Mar 2021 14:05

Tgt Ion: 91 Resp: 6671

Ion Ratio Lower Upper

91 100

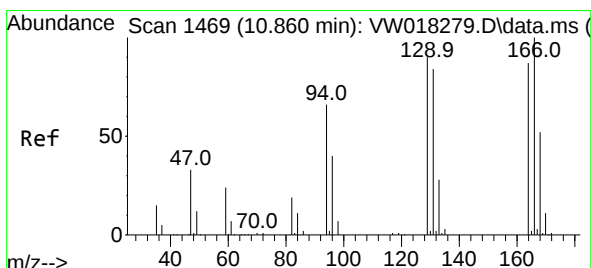
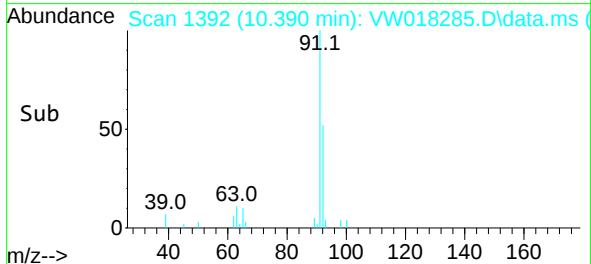
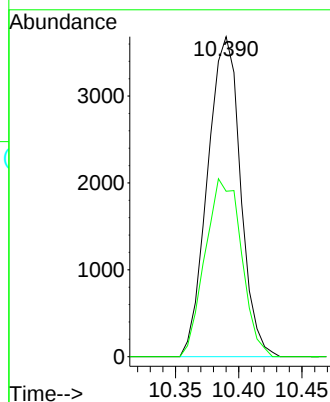
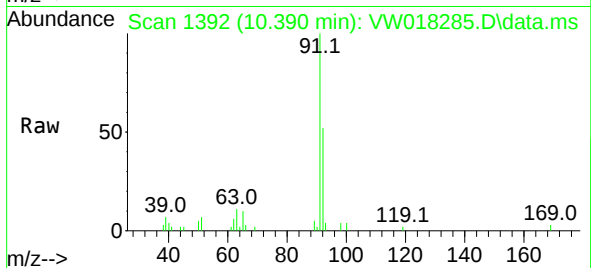
92 51.7 42.3 78.5

Instrument :

MSVOA_W

ClientSampled :

BG571



#47

Tetrachloroethene

Concen: 7.64 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW018285.D

Acq: 10 Mar 2021 14:05

Tgt Ion:164 Resp: 23708

Ion Ratio Lower Upper

164 100

129 91.6 68.8 127.8

131 90.5 68.3 126.8

166 117.9 95.4 177.2

