

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
 Data File : VW018051.D
 Acq On : 08 Feb 2021 13:48
 Operator : SY/VA
 Sample : M1330-14
 Misc : 4.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG542

Quant Time: Feb 09 03:25:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 03:23:41 2021
 Response via : Initial Calibration

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

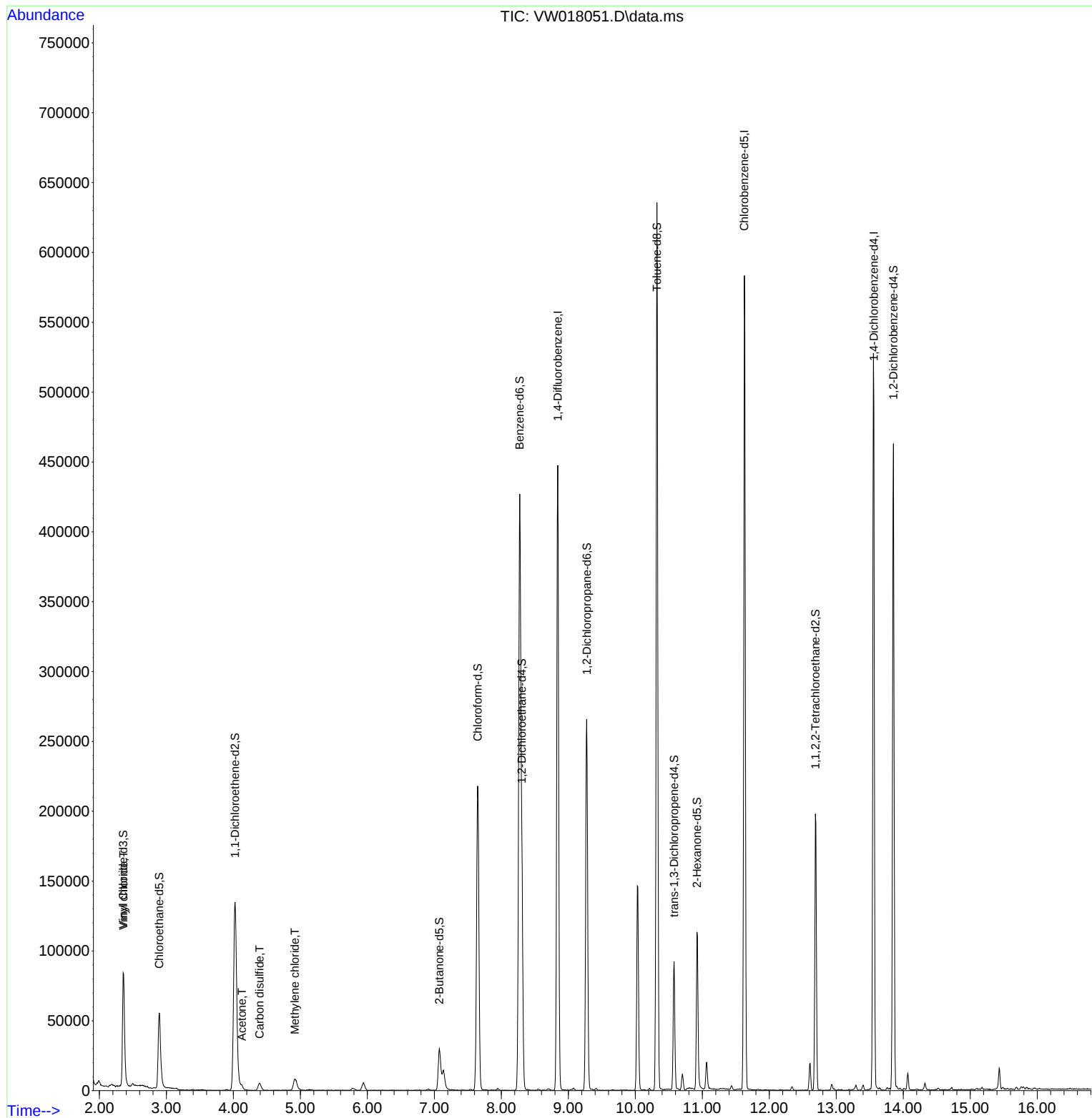
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	398738	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340680	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	148572	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98754	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
7) Chloroethane-d5	2.892	69	79422	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.026	63	152040	15.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.40%
20) 2-Butanone-d5	7.074	46	49359	37.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.64%
24) Chloroform-d	7.647	84	228490	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	8.305	65	118113	21.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.76%
29) Benzene-d6	8.275	84	453689	24.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.00%
33) 1,2-Dichloropropane-d6	9.275	67	127998	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.323	98	420034	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.40%
38) trans-1,3-Dichloroprop...	10.579	79	52919	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.921	63	40716	40.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.40%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	95861	20.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.44%
61) 1,2-Dichlorobenzene-d4	13.853	152	129360	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	6960	1.27	ug/L	# 52
13) Acetone	4.129	43	4950	5.06	ug/L	99
14) Carbon disulfide	4.391	76	9975	0.64	ug/L	96
16) Methylene chloride	4.916	84	8551	1.34	ug/L	86

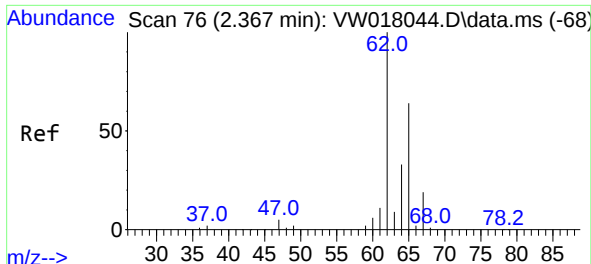
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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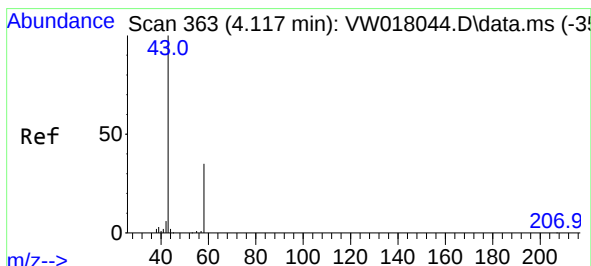
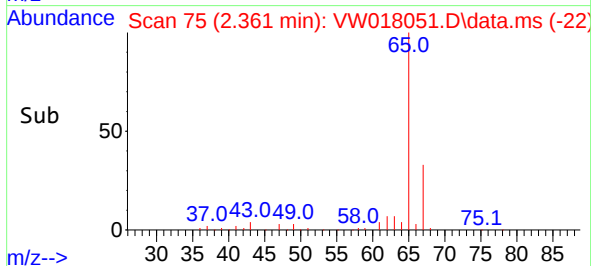
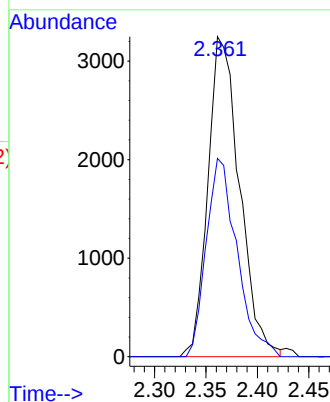
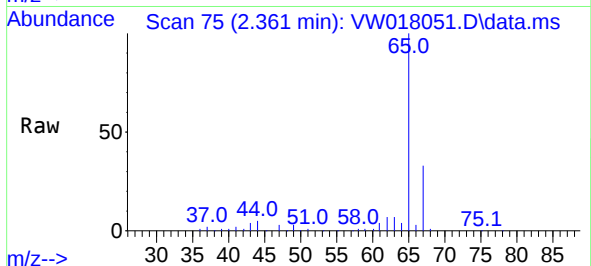




#5
Vinyl chloride
Concen: 1.27 ug/L
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW018051.D
Acq: 08 Feb 2021 13:48

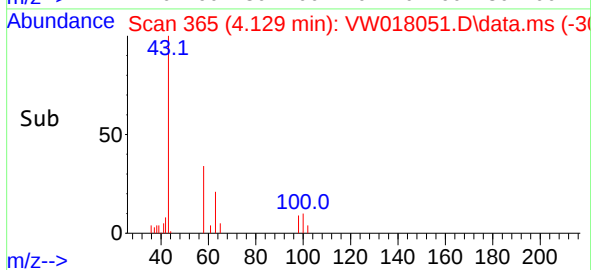
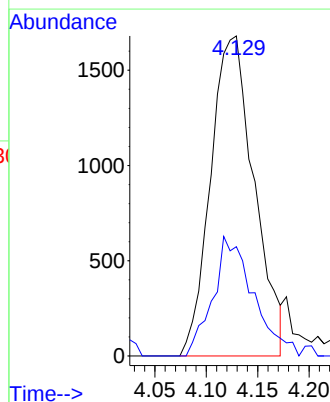
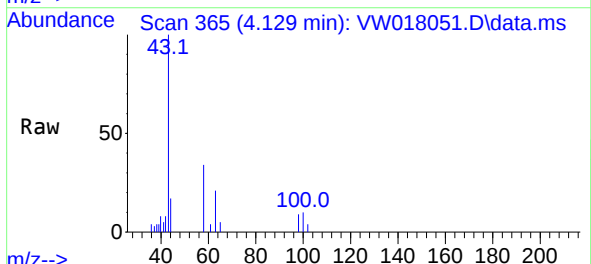
Instrument :
MSVOA_W
ClientSampled :
BG542

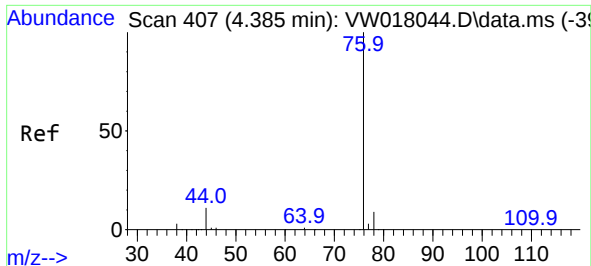
Tgt Ion: 62 Resp: 6960
Ion Ratio Lower Upper
62 100
64 62.0 23.9 44.5#



#13
Acetone
Concen: 5.06 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018051.D
Acq: 08 Feb 2021 13:48

Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
58 34.6 0.0 68.4

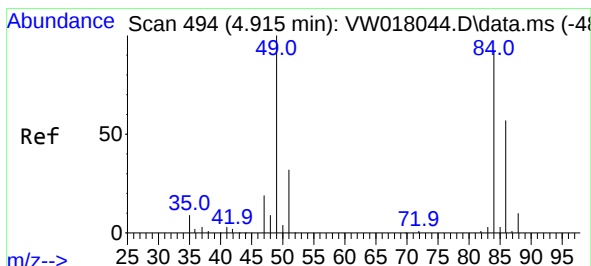
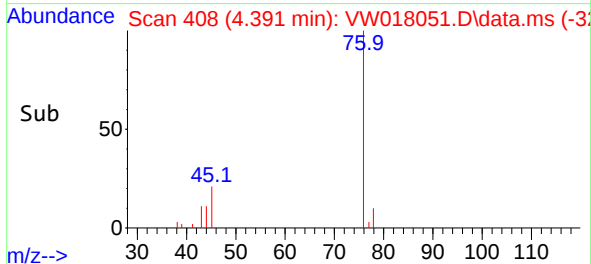
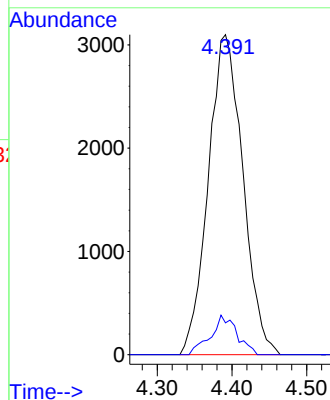
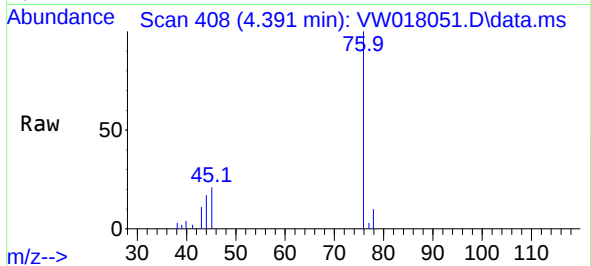




#14
Carbon disulfide
Concen: 0.64 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018051.D
Acq: 08 Feb 2021 13:48

Instrument :
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ClientSampled :
BG542

Tgt Ion: 76 Resp: 9975
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4



#16
Methylene chloride
Concen: 1.34 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018051.D
Acq: 08 Feb 2021 13:48

Tgt Ion: 84 Resp: 8551
Ion Ratio Lower Upper
84 100
49 94.0 81.2 150.8
86 60.6 44.5 82.7

