

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020821\
 Data File : VW018050.D
 Acq On : 08 Feb 2021 13:24
 Operator : SY/VA
 Sample : M1330-13
 Misc : 5.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG541

Quant Time: Feb 09 03:25:28 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

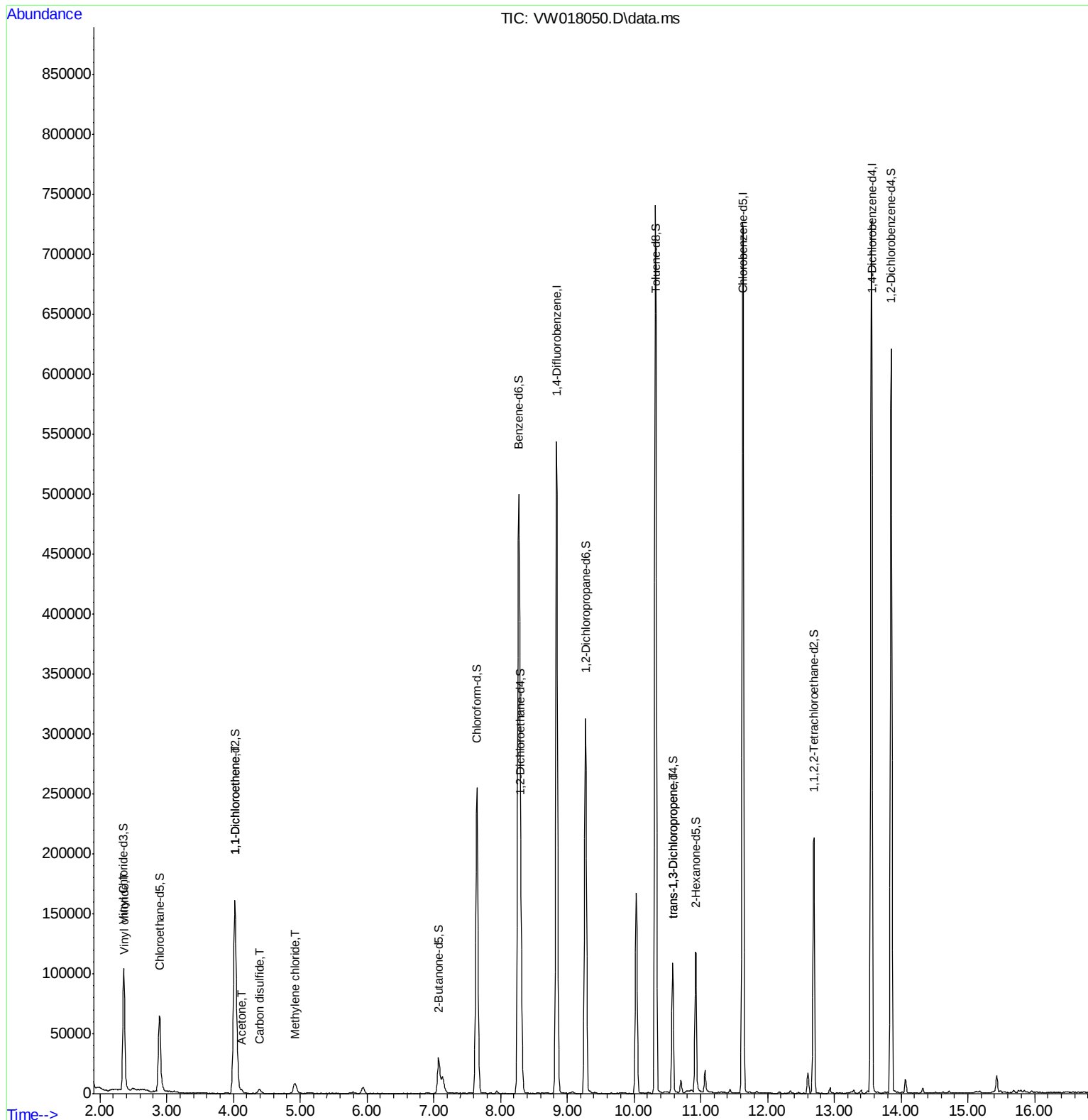
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	493351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	435721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	211281	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112365	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
7) Chloroethane-d5	2.891	69	91563	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
10) 1,1-Dichloroethene-d2	4.025	63	177163	14.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.80%
20) 2-Butanone-d5	7.073	46	52257	31.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.88%
24) Chloroform-d	7.646	84	265162	20.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	8.305	65	131382	19.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.20%
29) Benzene-d6	8.274	84	531067	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	9.274	67	147396	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.12%
37) Toluene-d8	10.323	98	506826	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.04%
38) trans-1,3-Dichloroprop...	10.579	79	60719	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.926	63	43262	33.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.64%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	107759	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.32%
61) 1,2-Dichlorobenzene-d4	13.853	152	168412	22.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.36%
Target Compounds						
5) Vinyl chloride	2.367	62	15306	2.26	ug/L #	81
12) 1,1-Dichloroethene	4.025	96	1714	0.26	ug/L #	1
13) Acetone	4.123	43	4043	3.34	ug/L	67
14) Carbon disulfide	4.391	76	6108	0.32	ug/L #	95
16) Methylene chloride	4.927	84	8249	1.04	ug/L	88
45) trans-1,3-Dichloropropene	10.579	75	2637	0.32	ug/L #	80

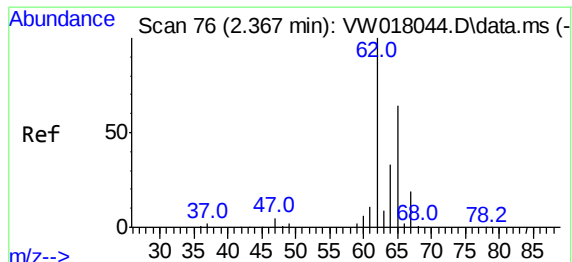
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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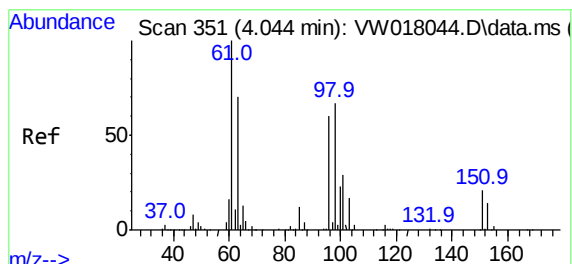
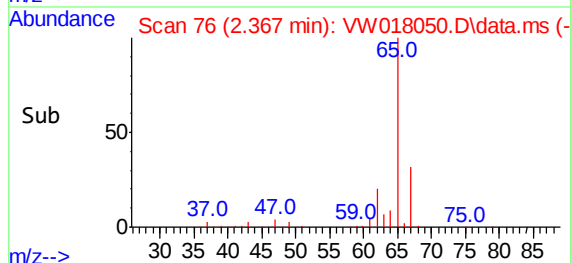
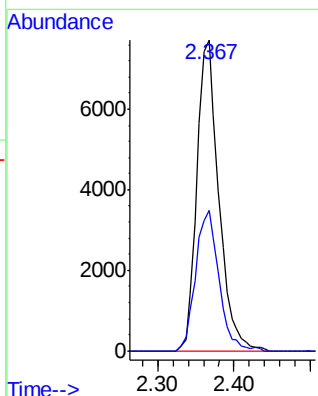
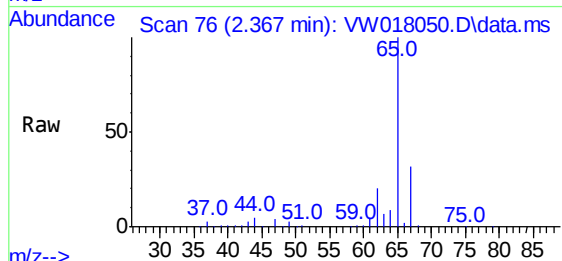




#5
 Vinyl chloride
 Concen: 2.26 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018050.D
 Acq: 08 Feb 2021 13:24

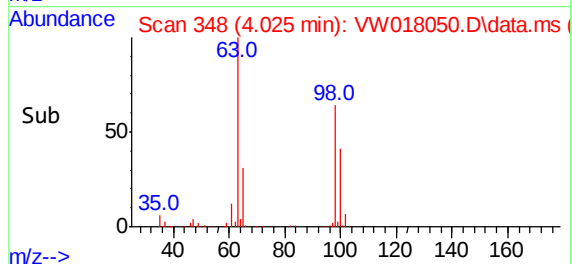
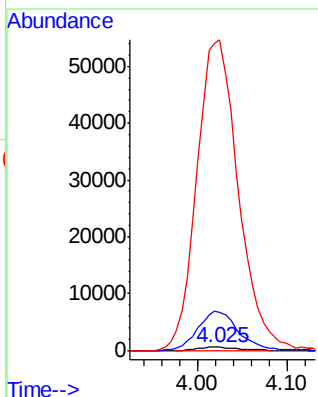
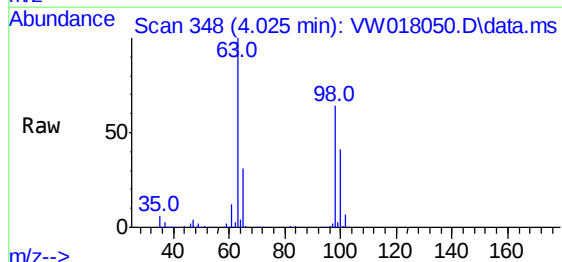
Instrument :
 MSVOA_W
 ClientSampled :
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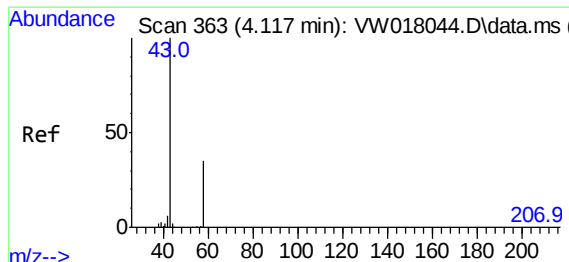
Tgt Ion: 62 Resp: 15306
 Ion Ratio Lower Upper
 62 100
 64 45.3 23.9 44.5#



#12
 1,1-Dichloroethene
 Concen: 0.26 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.019 min
 Lab File: VW018050.D
 Acq: 08 Feb 2021 13:24

Tgt Ion: 96 Resp: 1714
 Ion Ratio Lower Upper
 96 100
 61 1081.6 112.5 208.9#
 63 8963.9 83.1 154.3#

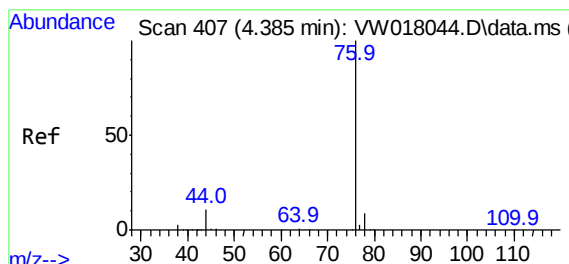
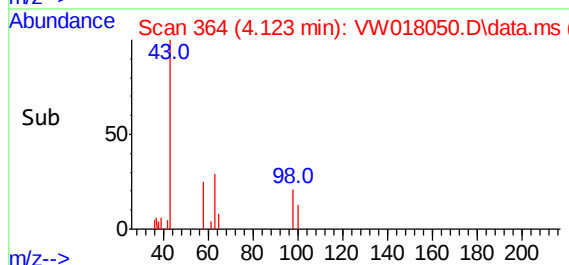
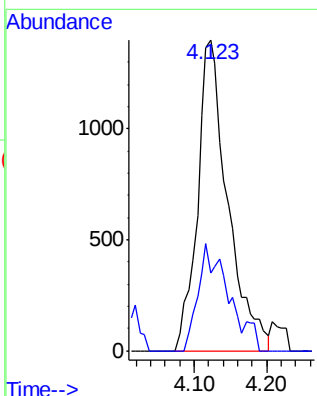
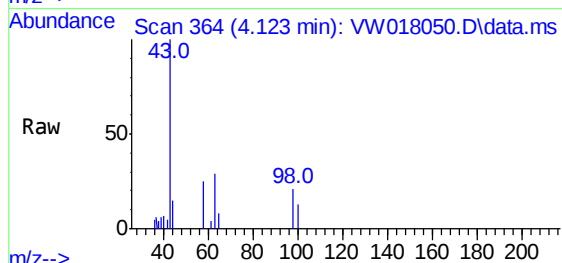




#13
Acetone
Concen: 3.34 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

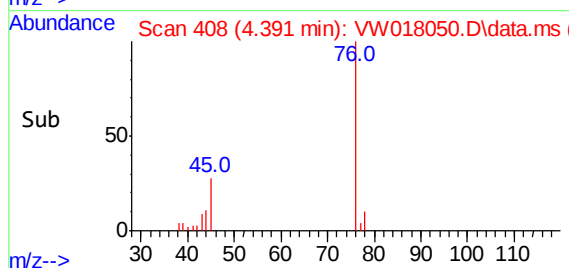
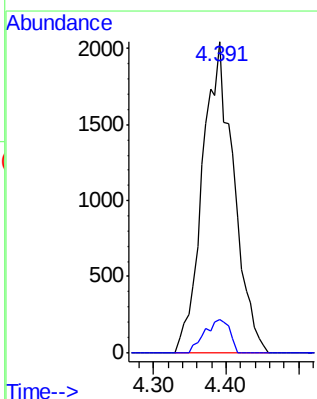
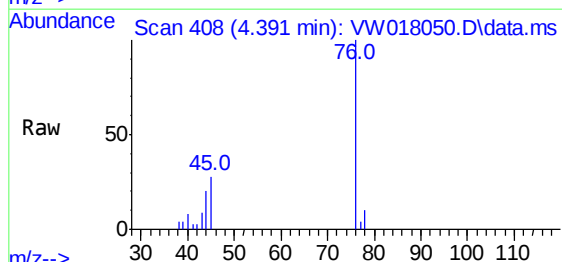
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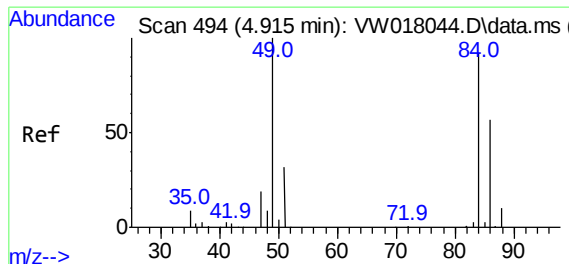
Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
58 15.2 0.0 68.4



#14
Carbon disulfide
Concen: 0.32 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 76 Resp: 6108
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.4#



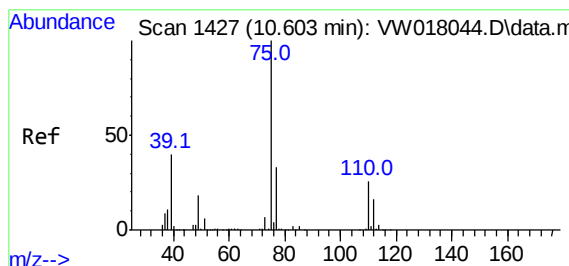
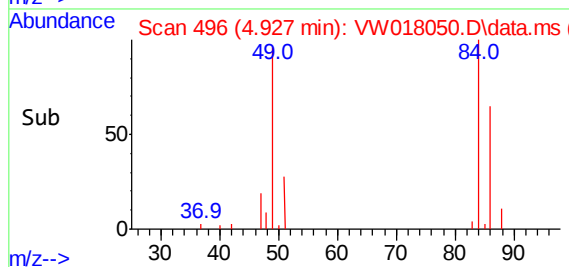
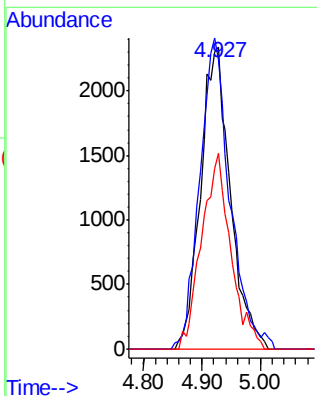
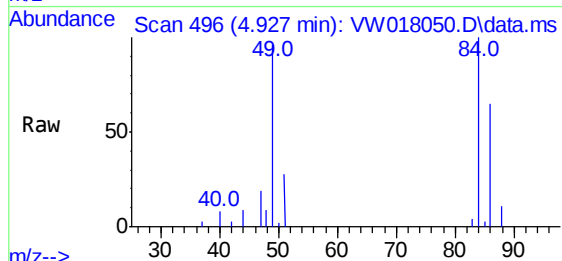


#16
Methylene chloride
Concen: 1.04 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Instrument :
MSVOA_W
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BG541

Tgt Ion: 84 Resp: 8249

Ion	Ratio	Lower	Upper
84	100		
49	95.9	81.2	150.8
86	64.7	44.5	82.7



#45
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018050.D
Acq: 08 Feb 2021 13:24

Tgt Ion: 75 Resp: 2637

Ion	Ratio	Lower	Upper
75	100		
77	43.2	22.6	42.0

