

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018605.D
 Acq On : 08 Apr 2021 16:19
 Operator : SY/VA
 Sample : M1968-04
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A8

Quant Time: Apr 09 03:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

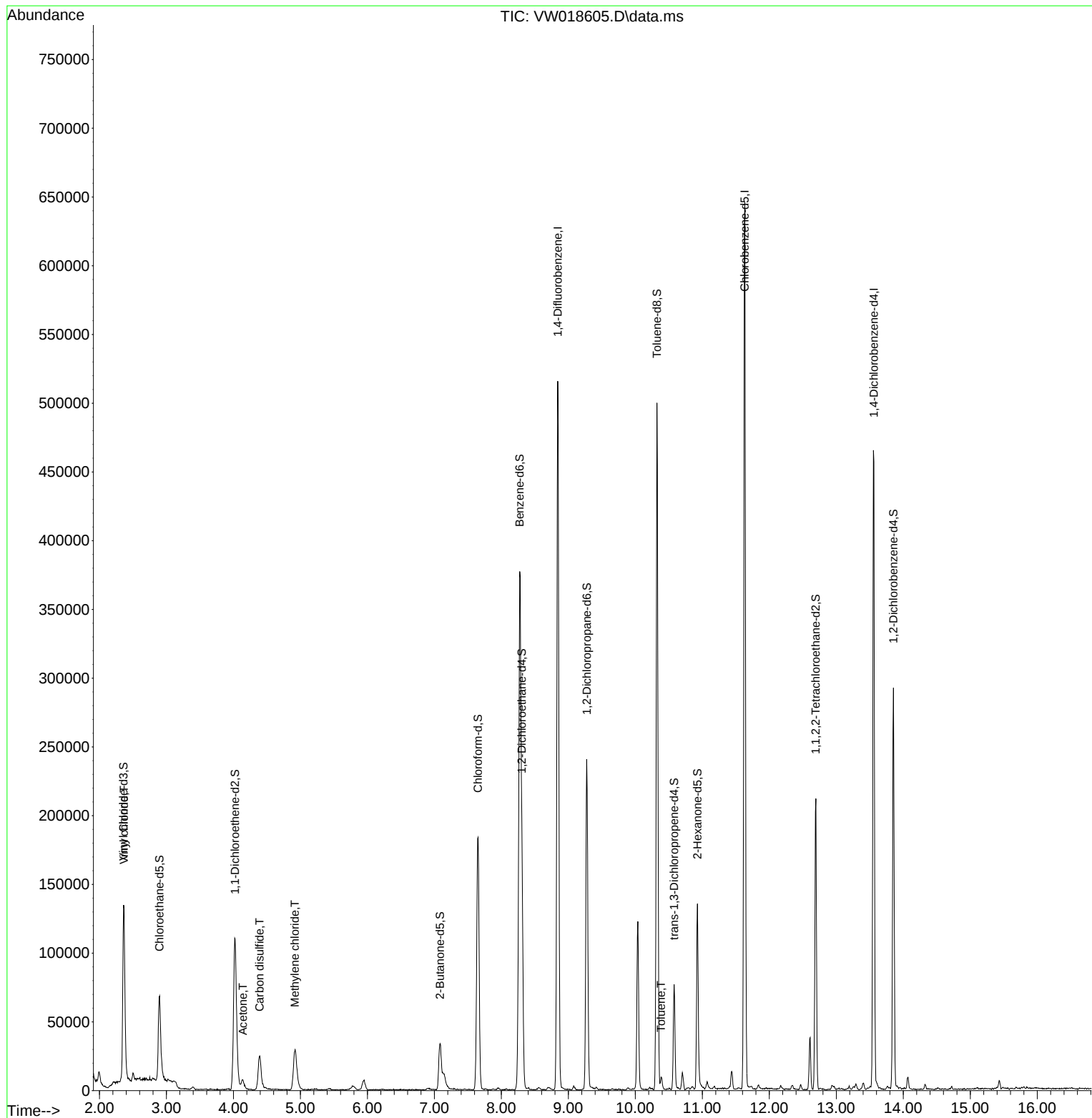
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	426538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	358248	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	119913	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	105909	17.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.36%		
7) Chloroethane-d5	2.897	69	85490	16.45	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.80%		
10) 1,1-Dichloroethene-d2	4.025	63	122248	11.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.72%		
20) 2-Butanone-d5	7.086	46	57432	43.46	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.92%		
24) Chloroform-d	7.653	84	189278	17.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.68%		
26) 1,2-Dichloroethane-d4	8.305	65	120944	19.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.28%		
29) Benzene-d6	8.274	84	365992	19.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.88%		
33) 1,2-Dichloropropane-d6	9.274	67	106434	19.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	77.48%		
37) Toluene-d8	10.323	98	329953	17.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.96%		
38) trans-1,3-Dichloroprop...	10.579	79	41786	14.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	59.00%		
39) 2-Hexanone-d5	10.926	63	45495	42.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.64%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	100742	20.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	70846	16.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	66.48%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	68084	8.40	ug/L	97
13) Acetone	4.141	43	12760	13.44	ug/L	96
14) Carbon disulfide	4.391	76	57052	3.54	ug/L	98
16) Methylene chloride	4.915	84	25514	3.65	ug/L	91
44) Toluene	10.384	91	6239	0.26	ug/L #	71

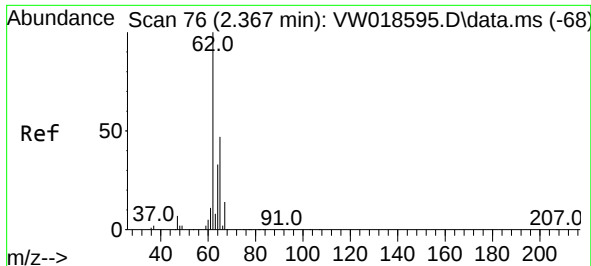
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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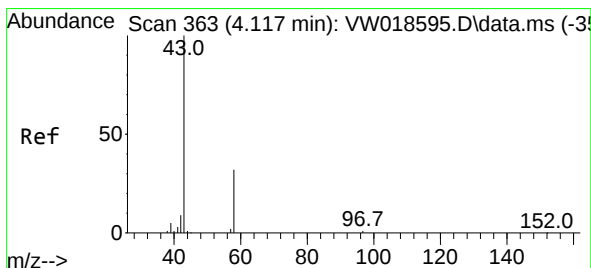
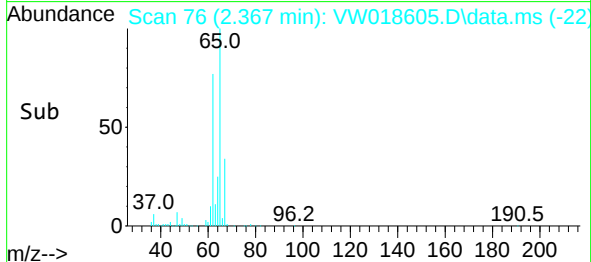
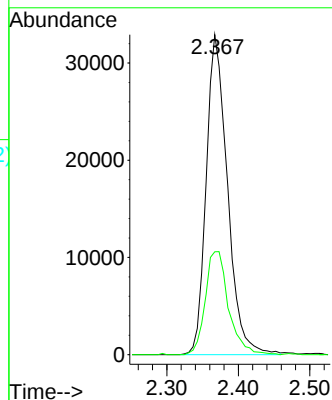
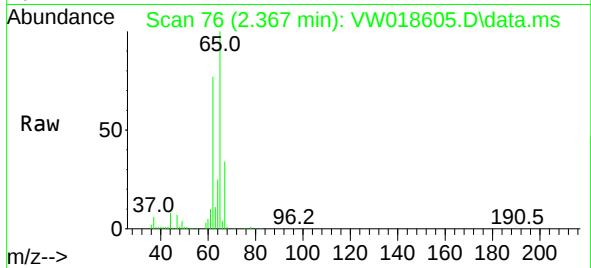




#5
 Vinyl chloride
 Concen: 8.40 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018605.D
 Acq: 08 Apr 2021 16:19

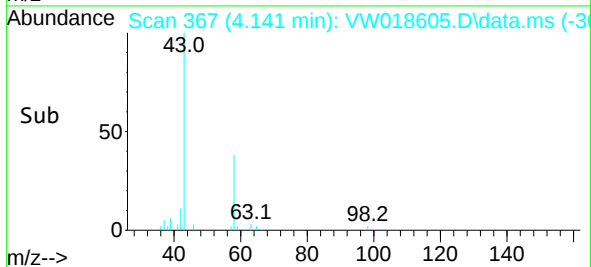
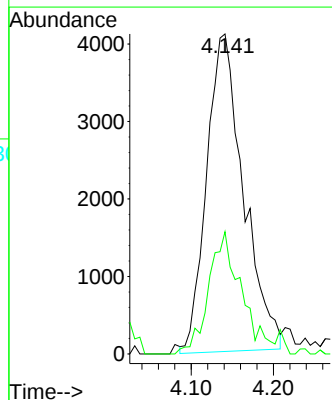
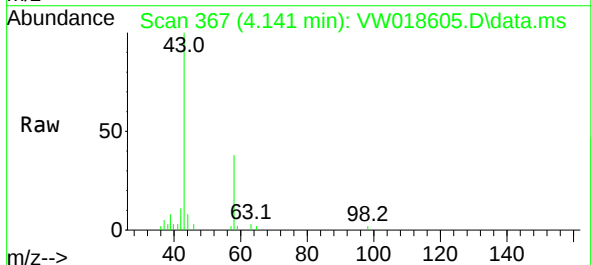
Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A8

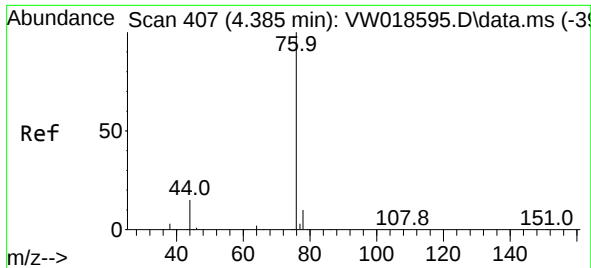
Tgt Ion: 62 Resp: 68084
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.5 43.7



#13
 Acetone
 Concen: 13.44 ug/L
 RT: 4.141 min Scan# 367
 Delta R.T. 0.024 min
 Lab File: VW018605.D
 Acq: 08 Apr 2021 16:19

Tgt Ion: 43 Resp: 12760
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 62.2

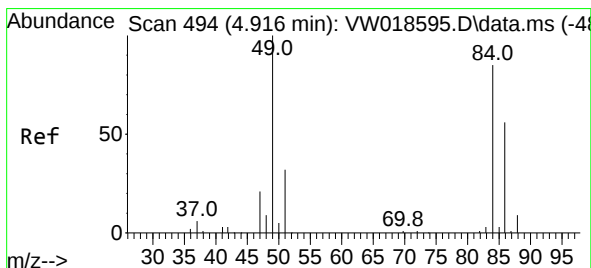
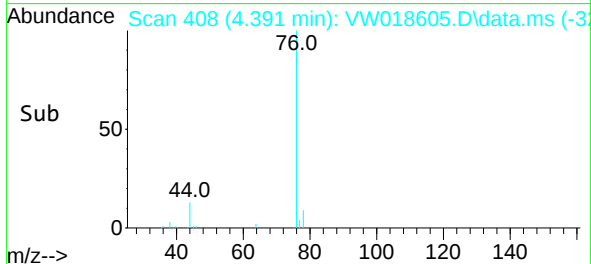
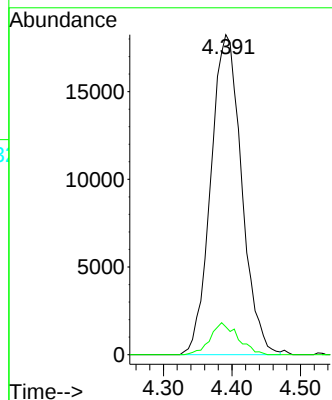
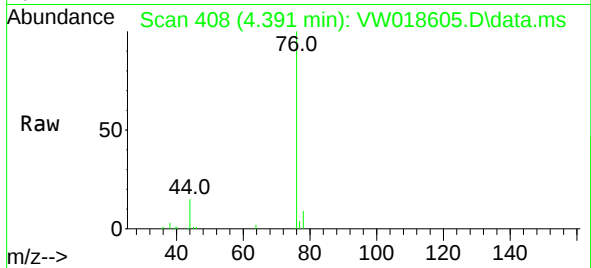




#14
Carbon disulfide
Concen: 3.54 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018605.D
Acq: 08 Apr 2021 16:19

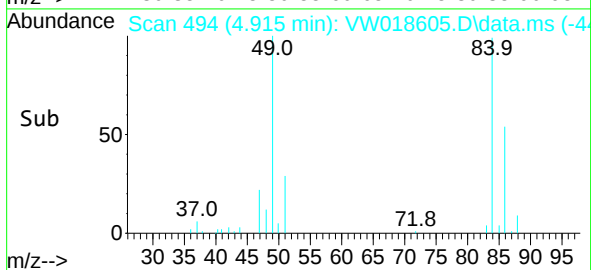
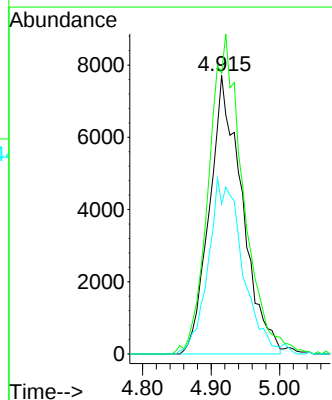
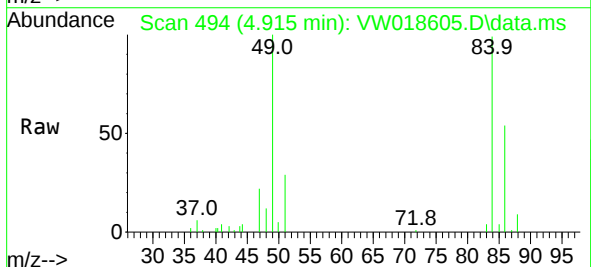
Instrument :
MSVOA_W
ClientSampled :
BG5A8

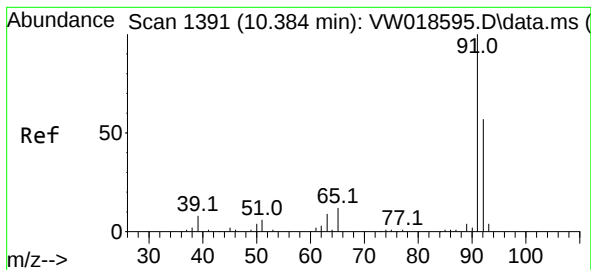
Tgt Ion: 76 Resp: 57052
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#16
Methylene chloride
Concen: 3.65 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018605.D
Acq: 08 Apr 2021 16:19

Tgt Ion: 84 Resp: 25514
Ion Ratio Lower Upper
84 100
49 100.8 74.4 138.2
86 53.9 46.1 85.7





#44

Toluene

Concen: 0.26 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW018605.D

Acq: 08 Apr 2021 16:19

Tgt Ion: 91 Resp: 6239

Ion Ratio Lower Upper

91 100

92 38.6 42.3 78.5#

Instrument :

MSVOA_W

ClientSampleId :

BG5A8

