

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018409.D
 Acq On : 20 Mar 2021 00:27
 Operator : SY/VA
 Sample : M1685-10RE
 Misc : 6.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG496RE

Quant Time: Mar 20 04:02:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

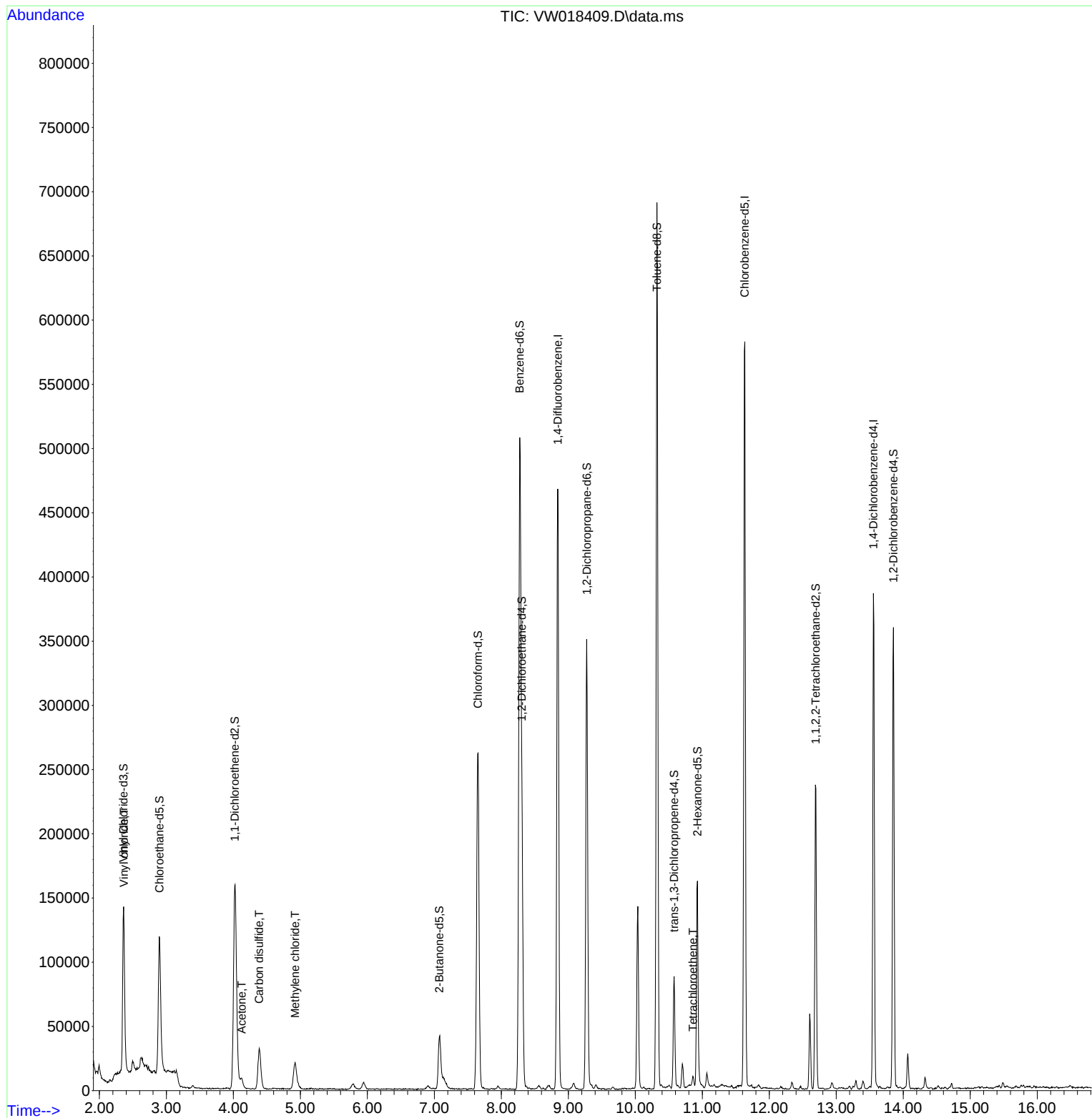
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	308175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	88693	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	158127	29.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.56%
7) Chloroethane-d5	2.898	69	146860	31.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.80%
10) 1,1-Dichloroethene-d2	4.019	63	177451	19.26	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.04%
20) 2-Butanone-d5	7.074	46	68555	57.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.44%
24) Chloroform-d	7.653	84	265093	27.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	8.305	65	156219	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.60%
29) Benzene-d6	8.275	84	510887	31.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.72%
33) 1,2-Dichloropropane-d6	9.275	67	146959	31.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.40%#
37) Toluene-d8	10.323	98	434656	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.20%
38) trans-1,3-Dichloroprop...	10.579	79	46685	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	10.927	63	54643	59.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.16%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	112512	26.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.48%
61) 1,2-Dichlorobenzene-d4	13.853	152	89545	28.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.60%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.367	62	2765	0.38	ug/L	# 1
13) Acetone	4.123	43	11896	13.94	ug/L	97
14) Carbon disulfide	4.385	76	64576	4.46	ug/L	97
16) Methylene chloride	4.922	84	16607	2.64	ug/L	91
47) Tetrachloroethene	10.860	164	1574	0.42	ug/L	82

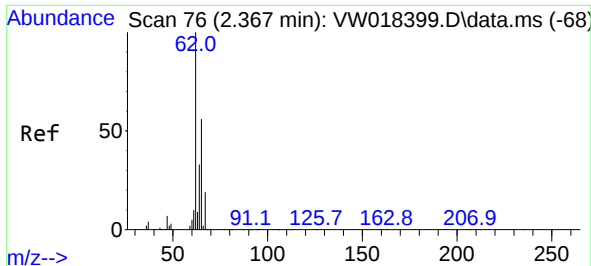
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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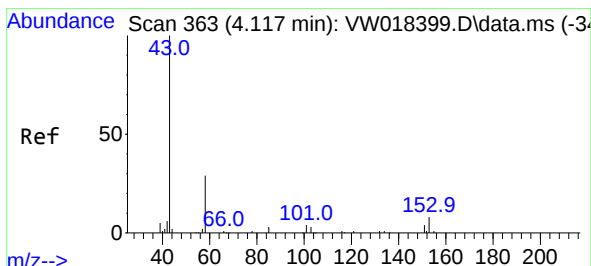
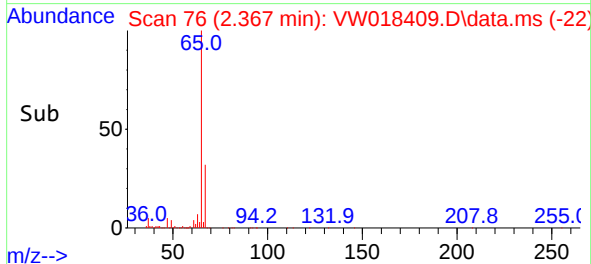
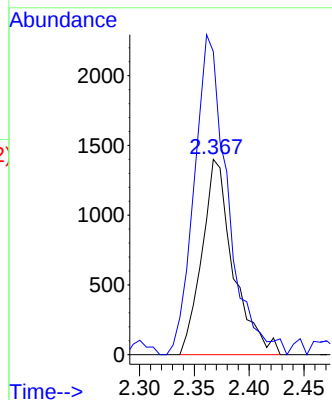
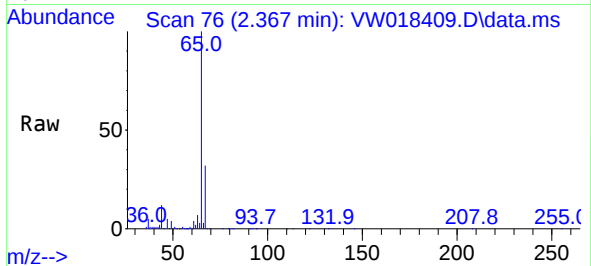




#5
 Vinyl chloride
 Concen: 0.38 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018409.D
 Acq: 20 Mar 2021 00:27

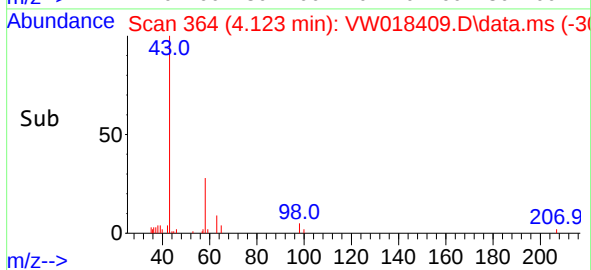
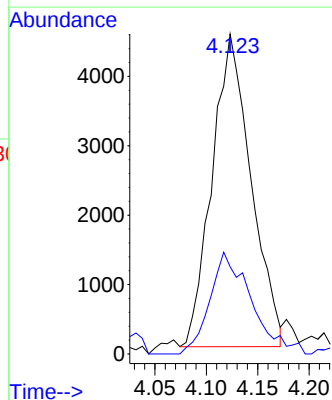
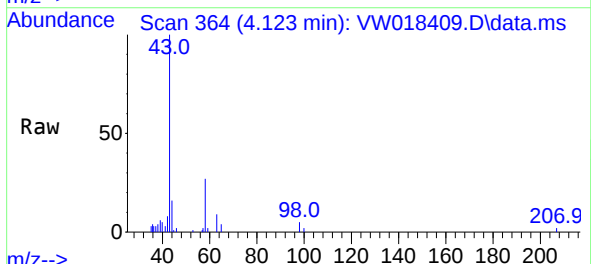
Instrument :
 MSVOA_W
 ClientSampled :
 BG496RE

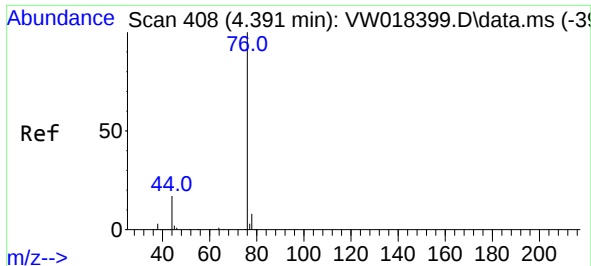
Tgt Ion: 62 Resp: 2765
 Ion Ratio Lower Upper
 62 100
 64 155.0 23.5 43.7#



#13
 Acetone
 Concen: 13.94 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018409.D
 Acq: 20 Mar 2021 00:27

Tgt Ion: 43 Resp: 11896
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 62.2

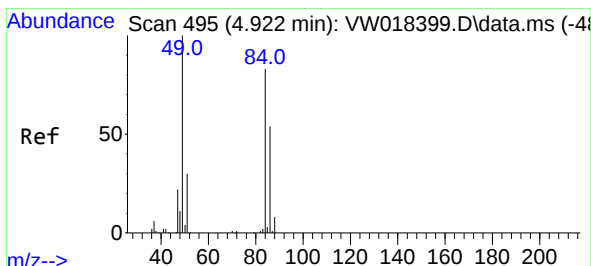
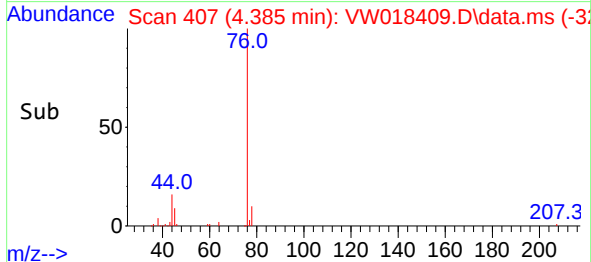
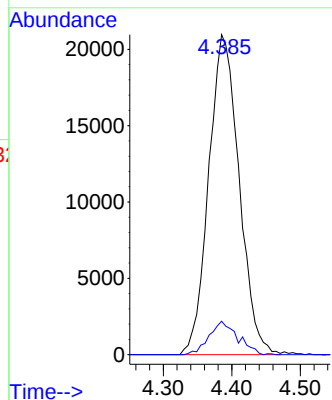
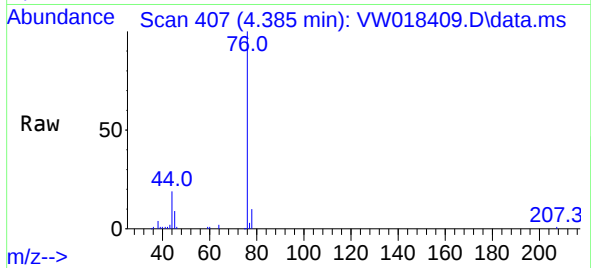




#14
Carbon disulfide
Concen: 4.46 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

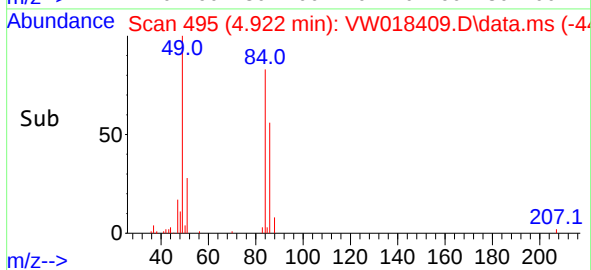
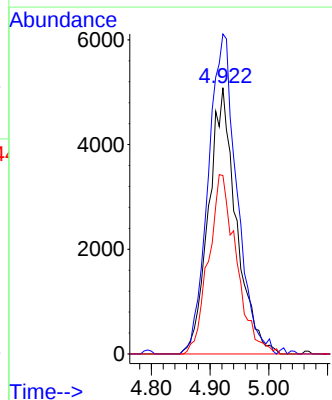
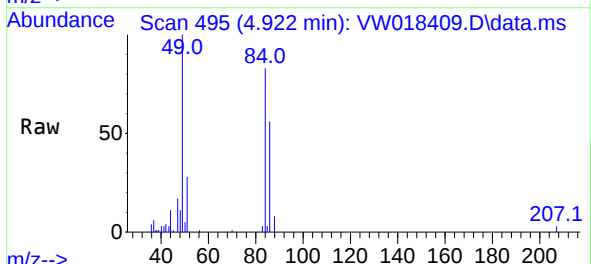
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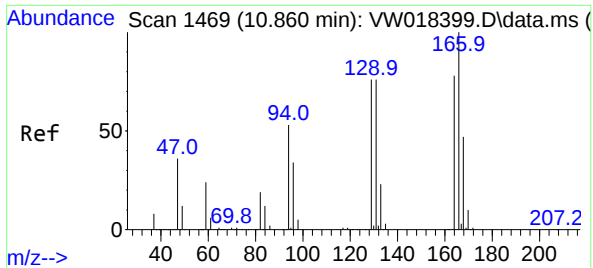
Tgt Ion: 76 Resp: 64576
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#16
Methylene chloride
Concen: 2.64 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018409.D
Acq: 20 Mar 2021 00:27

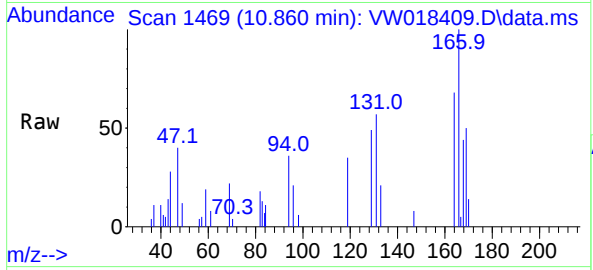
Tgt Ion: 84 Resp: 16607
Ion Ratio Lower Upper
84 100
49 120.2 74.4 138.2
86 67.0 46.1 85.7





Tetrachloroethene
 Concen: 0.42 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW018409.D
 Acq: 20 Mar 2021 00:27

Instrument :
 MSVOA_W
 ClientSampleId :
 BG496RE



Tgt Ion:164 Resp: 1574

Ion	Ratio	Lower	Upper
164	100		
129	72.2	68.8	127.8
131	82.8	68.3	126.8
166	153.8	95.4	177.2

