

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018439.D
 Acq On : 24 Mar 2021 11:45
 Operator : SY/VA
 Sample : M1781-09RE
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N5RE

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 9:31:25 AM

Quant Time: Mar 25 01:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	220211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	66156	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103483	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.52%
7) Chloroethane-d5	2.891	69	95740	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
10) 1,1-Dichloroethene-d2	4.025	63	118080	17.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.08%
20) 2-Butanone-d5	7.080	46	62708	71.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.22%#
24) Chloroform-d	7.647	84	174206	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.305	65	114059	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.80%
29) Benzene-d6	8.275	84	332291	28.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.52%
33) 1,2-Dichloropropane-d6	9.274	67	99501	29.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.88%
37) Toluene-d8	10.323	98	274244	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloroprop...	10.579	79	39005	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.60%
39) 2-Hexanone-d5	10.927	63	50483	76.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.78%#
48) 1,1,2,2-Tetrachloroeth...	12.688	84	93143	30.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.32%#
61) 1,2-Dichlorobenzene-d4	13.853	152	53899	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	8997	1.66	ug/L	# 80
13) Acetone	4.123	43	11909	18.80	ug/L	100
14) Carbon disulfide	4.391	76	9400m	0.87	ug/L	
16) Methylene chloride	4.928	84	7673m	1.64	ug/L	

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

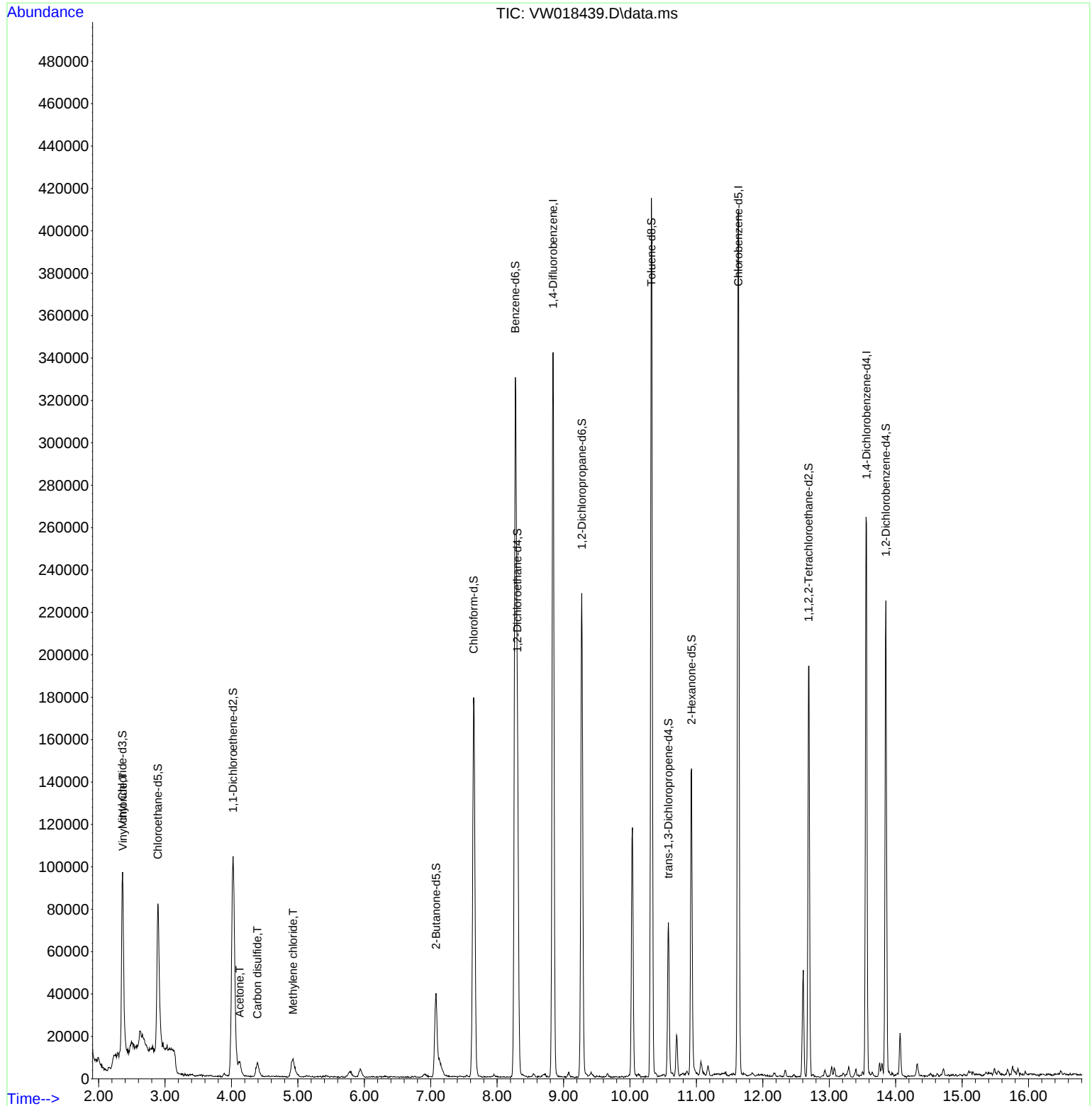
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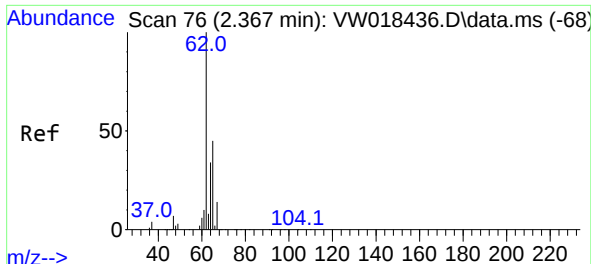
Instrument :
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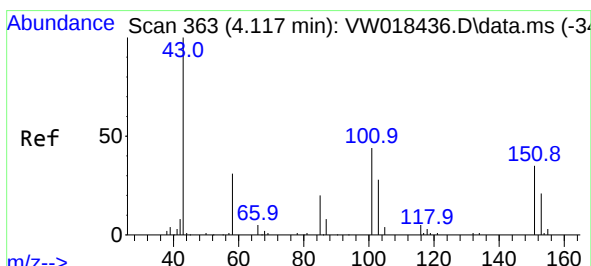
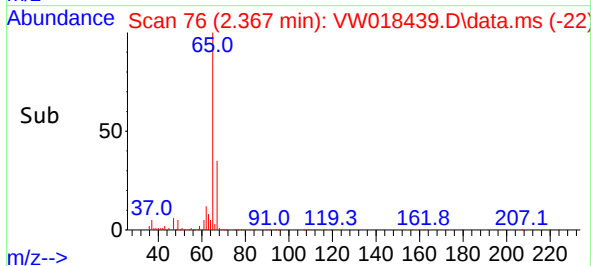
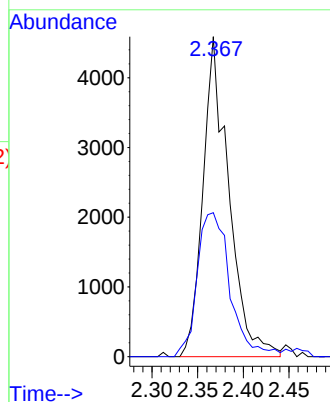
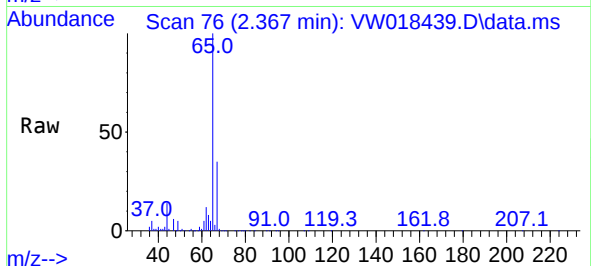
#5
 Vinyl chloride
 Concen: 1.66 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018439.D
 Acq: 24 Mar 2021 11:45

Tgt Ion: 62 Resp: 8997
 Ion Ratio Lower Upper
 62 100
 64 45.0 23.5 43.7#

Instrument :
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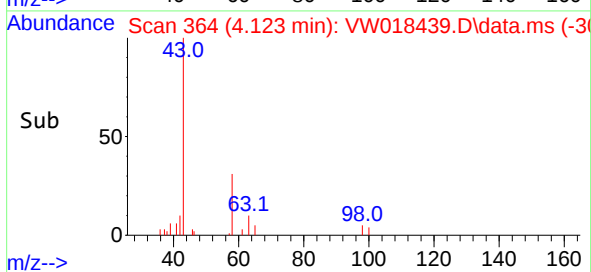
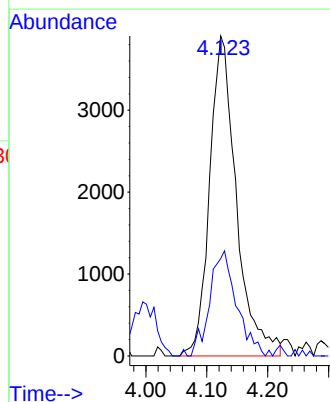
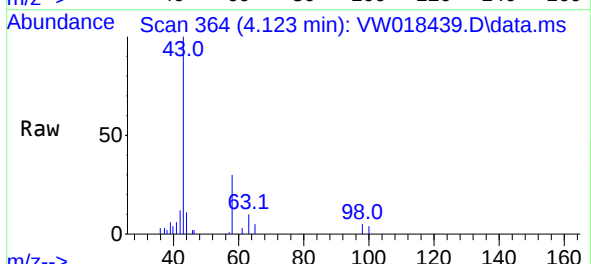
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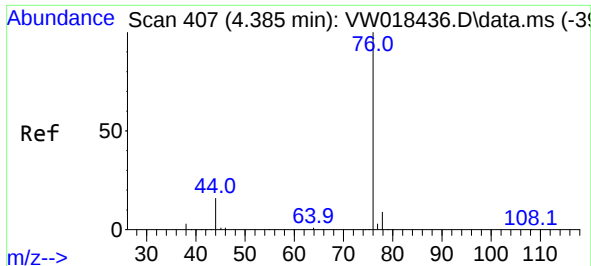
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#13
 Acetone
 Concen: 18.80 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018439.D
 Acq: 24 Mar 2021 11:45

Tgt Ion: 43 Resp: 11909
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 62.2





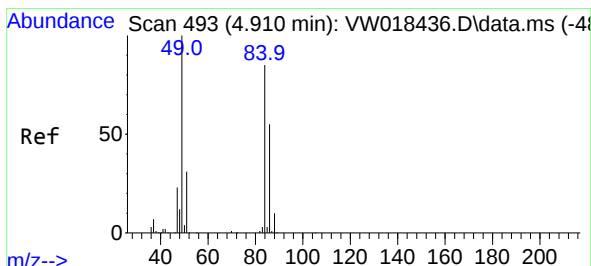
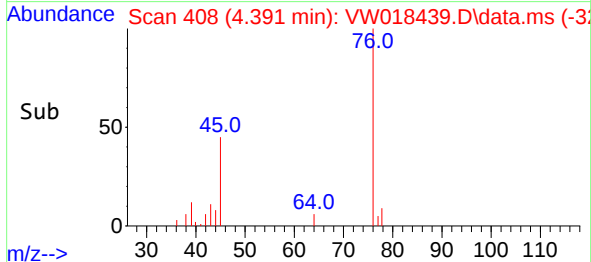
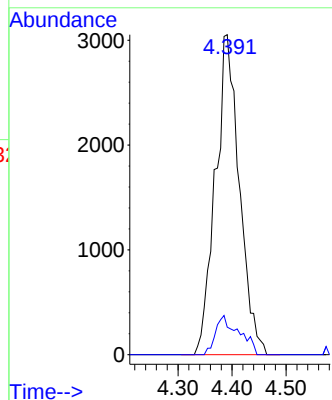
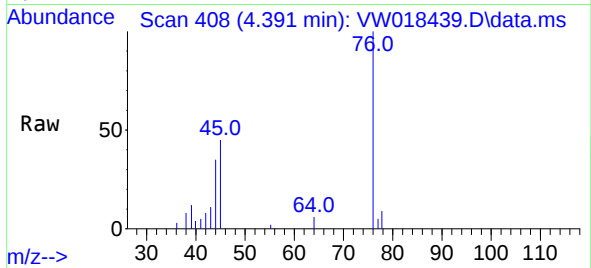
#14
Carbon disulfide
Concen: 0.87 ug/L m
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

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Tgt Ion: 76 Resp: 9400
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

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#16
Methylene chloride
Concen: 1.64 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.018 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

Tgt Ion: 84 Resp: 7673
Ion Ratio Lower Upper
84 100
49 100.9 74.4 138.2
86 57.4 46.1 85.7

