

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033021\
 Data File : VW018498.D
 Acq On : 30 Mar 2021 10:54
 Operator : SY/VA
 Sample : M1816-16RE
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q2RE

Quant Time: Mar 31 01:13:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 31 01:12:37 2021
 Response via : Initial Calibration

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

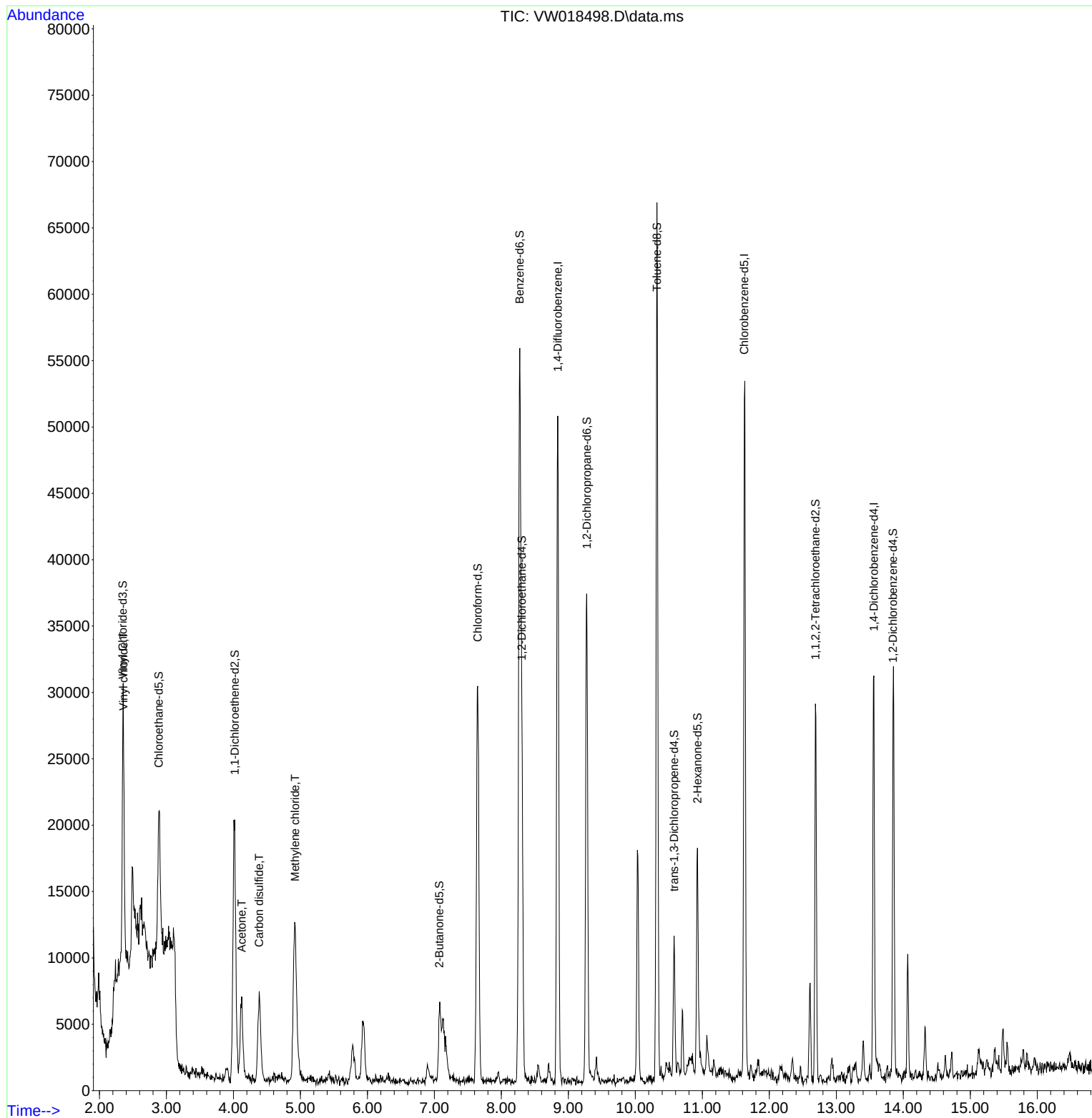
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	42331	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	27843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	7589	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	17273	29.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.28%
7) Chloroethane-d5	2.885	69	16143	31.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.24%
10) 1,1-Dichloroethene-d2	4.019	63	18655	18.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.36%
20) 2-Butanone-d5	7.074	46	10212	77.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.74%#
24) Chloroform-d	7.647	84	30016	27.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.36%
26) 1,2-Dichloroethane-d4	8.305	65	18980	30.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.64%
29) Benzene-d6	8.274	84	54360	36.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.92%#
33) 1,2-Dichloropropane-d6	9.274	67	16086	37.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.72%#
37) Toluene-d8	10.323	98	40697	28.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.24%
38) trans-1,3-Dichloroprop...	10.579	79	5713	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.76%
39) 2-Hexanone-d5	10.926	63	5815	69.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.18%#
48) 1,1,2,2-Tetrachloroeth...	12.688	84	13146	34.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.68%#
61) 1,2-Dichlorobenzene-d4	13.847	152	6964	25.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.24%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	4057	5.04	ug/L	91
13) Acetone	4.123	43	10855	115.22	ug/L	61
14) Carbon disulfide	4.385	76	12327	7.70	ug/L	97
16) Methylene chloride	4.921	84	10235	14.74	ug/L	99

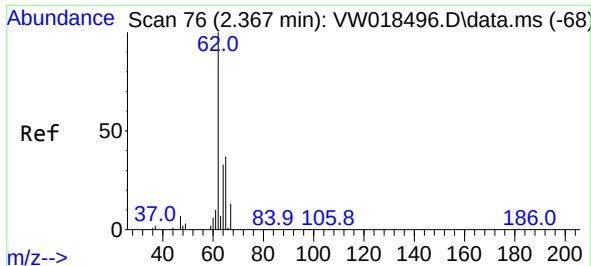
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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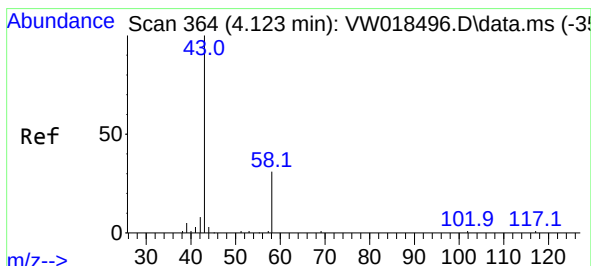
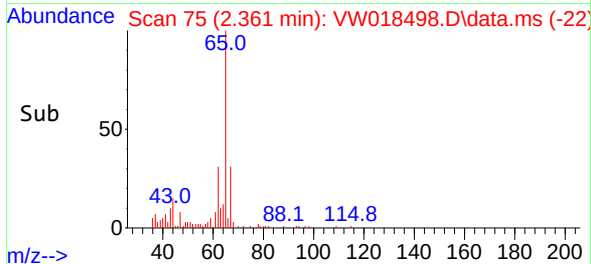
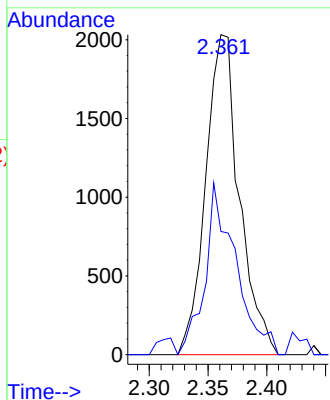
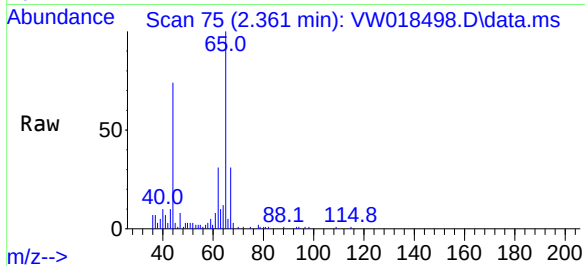




#5
 Vinyl chloride
 Concen: 5.04 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW018498.D
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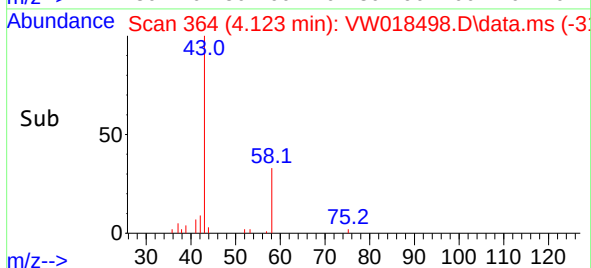
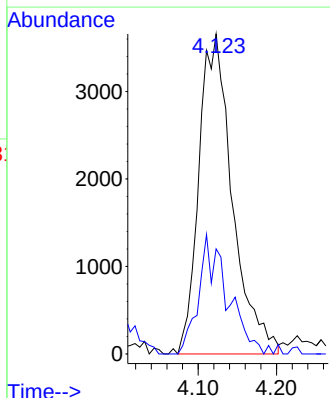
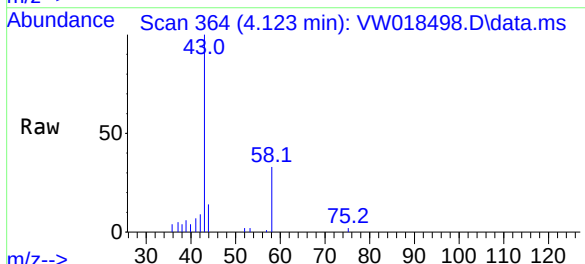
Instrument :
 MSVOA_W
 ClientSampled :
 BG3Q2RE

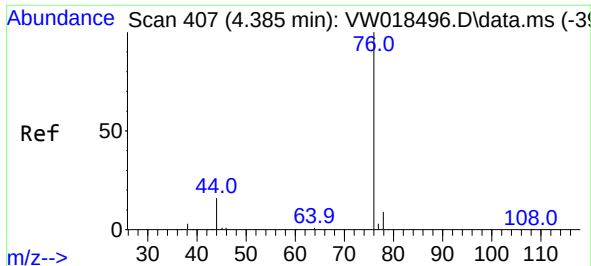
Tgt Ion: 62 Resp: 4057
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.5 43.7



#13
 Acetone
 Concen: 115.22 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW018498.D
 Acq: 30 Mar 2021 10:54

Tgt Ion: 43 Resp: 10855
 Ion Ratio Lower Upper
 43 100
 58 9.5 0.0 62.2

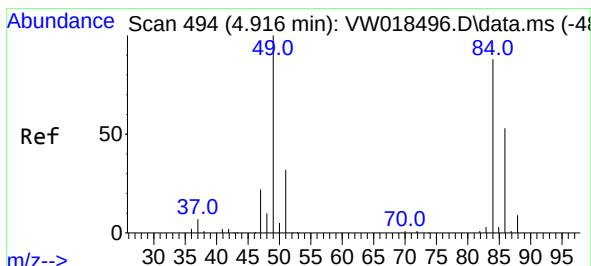
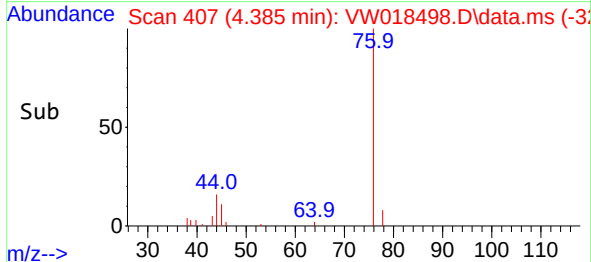
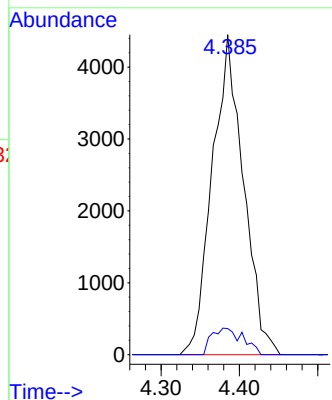
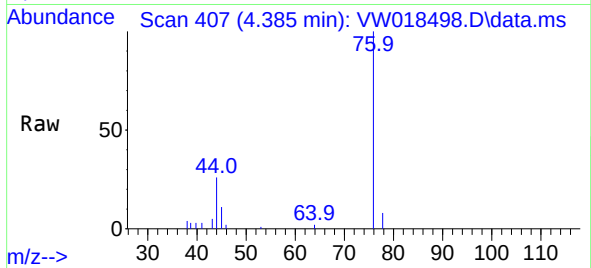




#14
Carbon disulfide
Concen: 7.70 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Instrument :
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ClientSampled :
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Tgt Ion: 76 Resp: 12327
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#16
Methylene chloride
Concen: 14.74 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018498.D
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Tgt Ion: 84 Resp: 10235
Ion Ratio Lower Upper
84 100
49 105.7 74.4 138.2
86 65.1 46.1 85.7

