

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
 Data File : VW017952.D
 Acq On : 19 Jan 2021 12:06
 Operator : SY/VA
 Sample : M1167-13
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 20 04:56:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

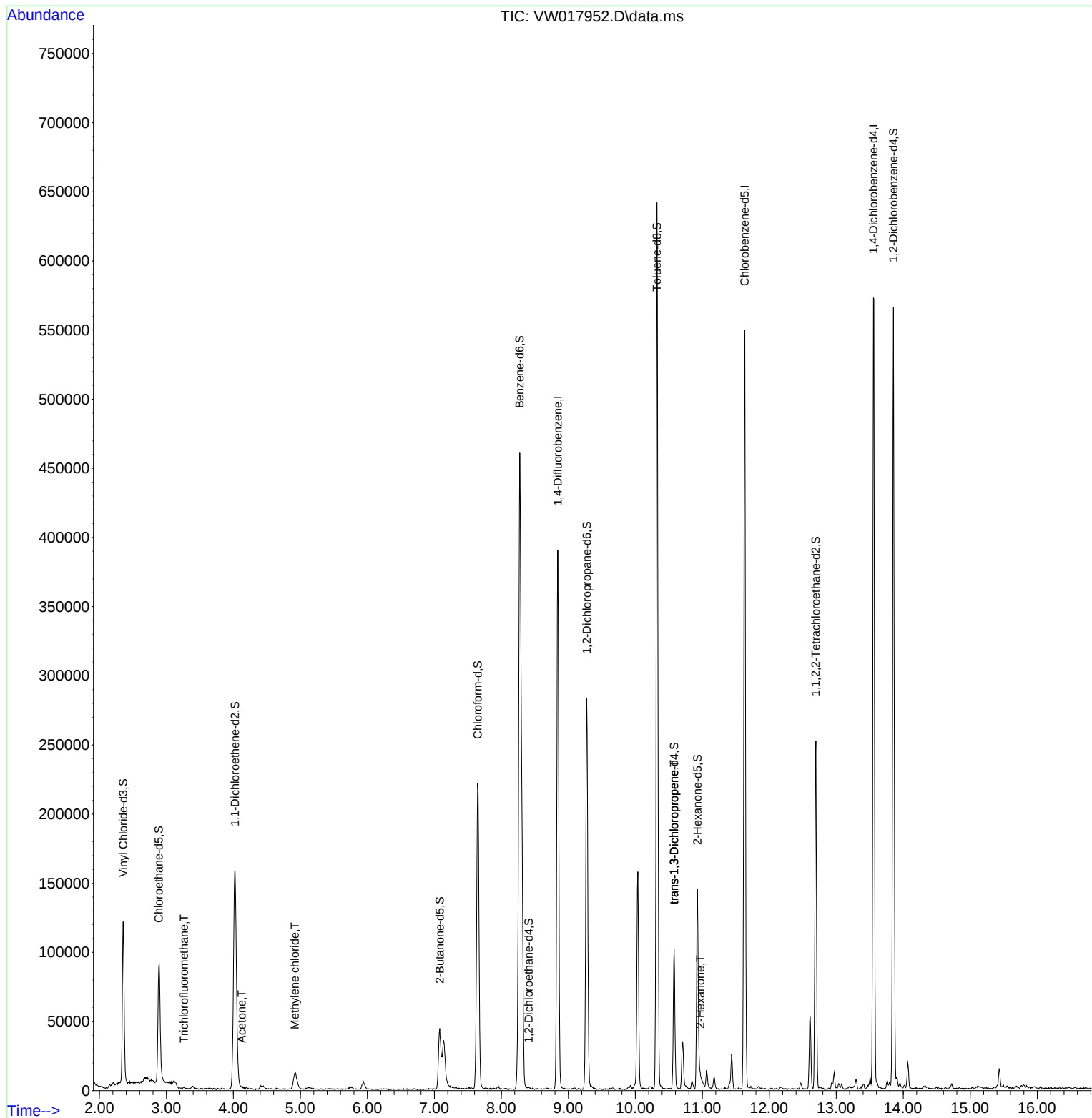
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320901	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	297850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	142401	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127324	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.12%
7) Chloroethane-d5	2.885	69	107542	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.44%
10) 1,1-Dichloroethene-d2	4.025	63	171843	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.56%
20) 2-Butanone-d5	7.080	46	73950	60.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.42%
24) Chloroform-d	7.647	84	217762	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.409	65	157	0.03	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.275	84	435411	25.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.16%
33) 1,2-Dichloropropane-d6	9.274	67	123007	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.323	98	405746	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloroprop...	10.579	79	51960	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.80%
39) 2-Hexanone-d5	10.927	63	50480	58.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.08%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	117957	27.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.36%
61) 1,2-Dichlorobenzene-d4	13.853	152	133831	27.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%
Target Compounds						Qvalue
9) Trichlorofluoromethane	3.263	101	628	0.15	ug/L	76
13) Acetone	4.123	43	610	0.71	ug/L	74
16) Methylene chloride	4.915	84	5751	1.24	ug/L	91
45) trans-1,3-Dichloropropene	10.579	75	3194	0.54	ug/L	87
49) 2-Hexanone	10.969	43	1089	0.56	ug/L #	62

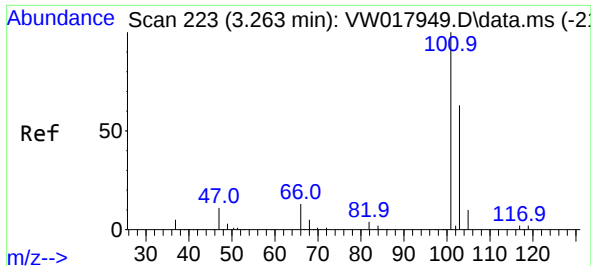
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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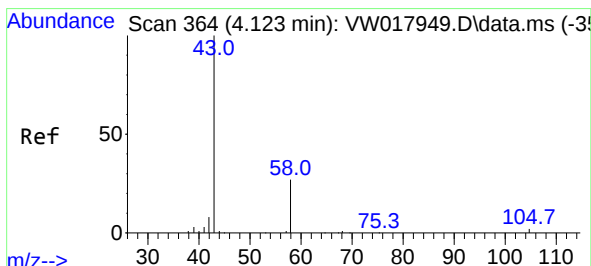
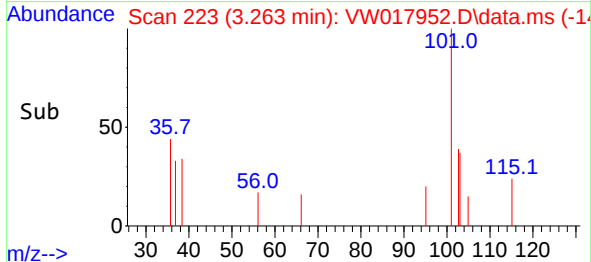
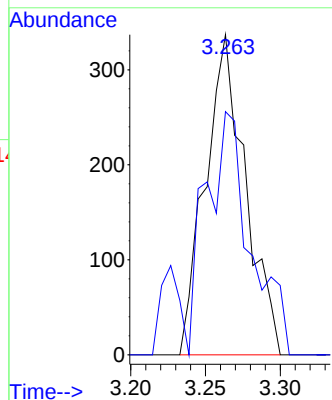
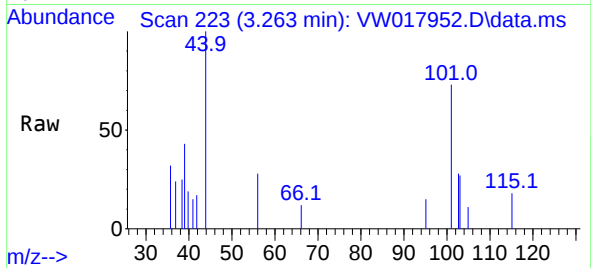




#9
 Trichlorofluoromethane
 Concen: 0.15 ug/L
 RT: 3.263 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: VW017952.D
 Acq: 19 Jan 2021 12:06

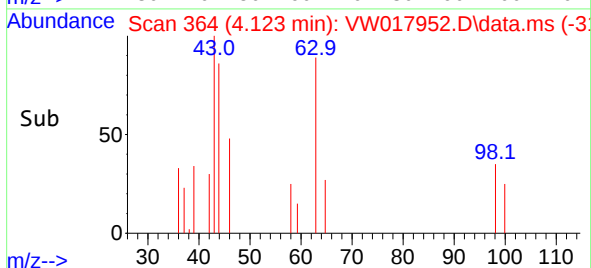
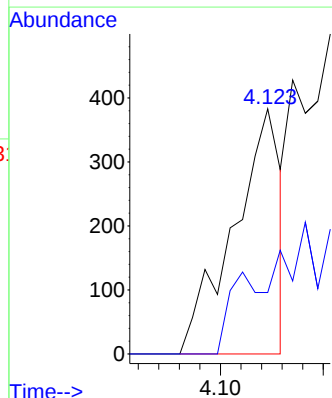
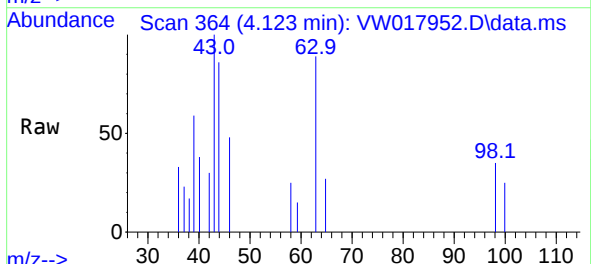
Instrument :
 MSVOA_W
 ClientSampled :

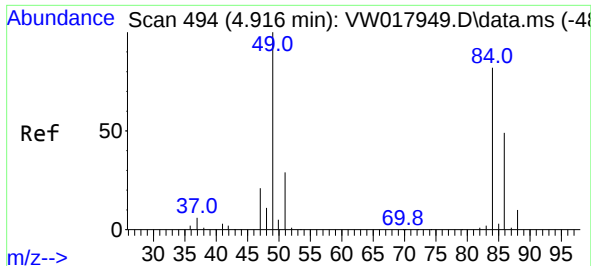
Tgt Ion:101 Resp: 628
 Ion Ratio Lower Upper
 101 100
 103 45.9 45.0 83.6



#13
 Acetone
 Concen: 0.71 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW017952.D
 Acq: 19 Jan 2021 12:06

Tgt Ion: 43 Resp: 610
 Ion Ratio Lower Upper
 43 100
 58 19.3 0.0 68.4

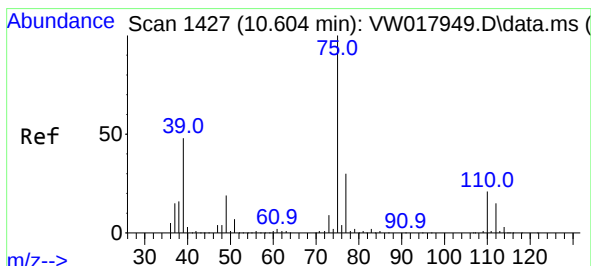
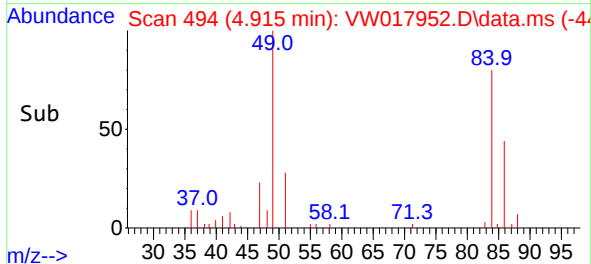
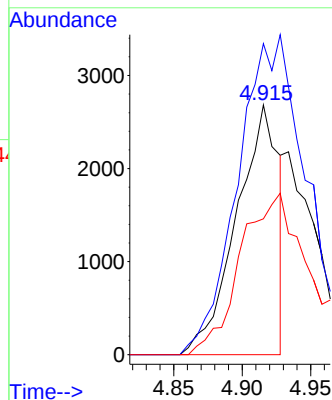
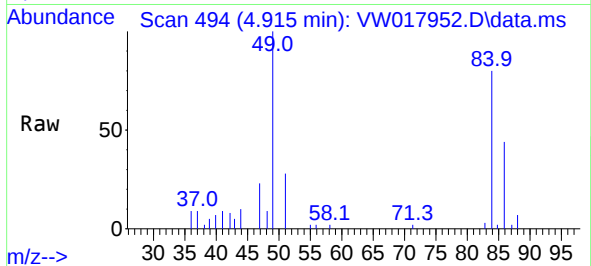




#16
Methylene chloride
Concen: 1.24 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017952.D
Acq: 19 Jan 2021 12:06

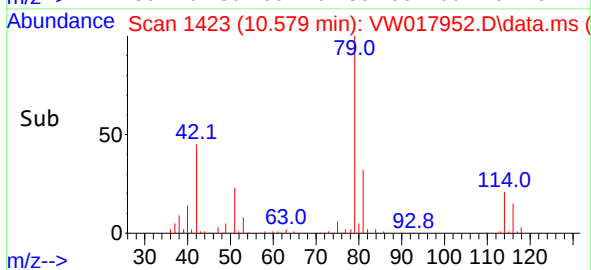
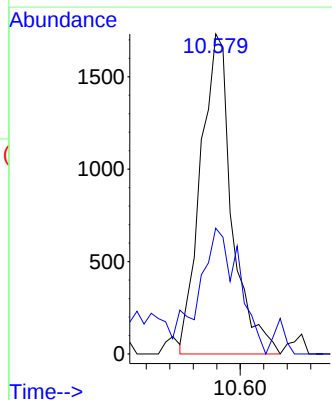
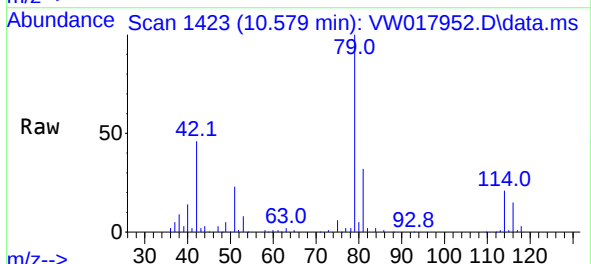
Instrument :
MSVOA_W
ClientSampled :

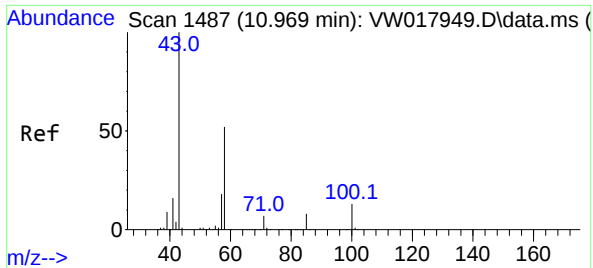
Tgt Ion: 84 Resp: 5751
Ion Ratio Lower Upper
84 100
49 124.5 81.2 150.8
86 54.4 44.5 82.7



#45
trans-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017952.D
Acq: 19 Jan 2021 12:06

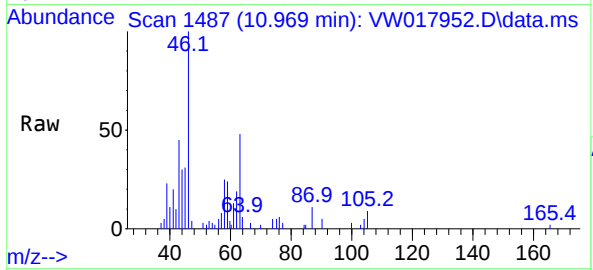
Tgt Ion: 75 Resp: 3194
Ion Ratio Lower Upper
75 100
77 39.3 22.6 42.0





#49
2-Hexanone
Concen: 0.56 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017952.D
Acq: 19 Jan 2021 12:06

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 1089

Ion	Ratio	Lower	Upper
43	100		
58	98.2	51.3	76.9#
57	9.6	15.0	22.6#
100	0.0	12.2	18.2#

