

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017946.D
 Acq On : 18 Jan 2021 22:11
 Operator : SY/VA
 Sample : M1167-12
 Misc : 4.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT82

Quant Time: Jan 19 07:02:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

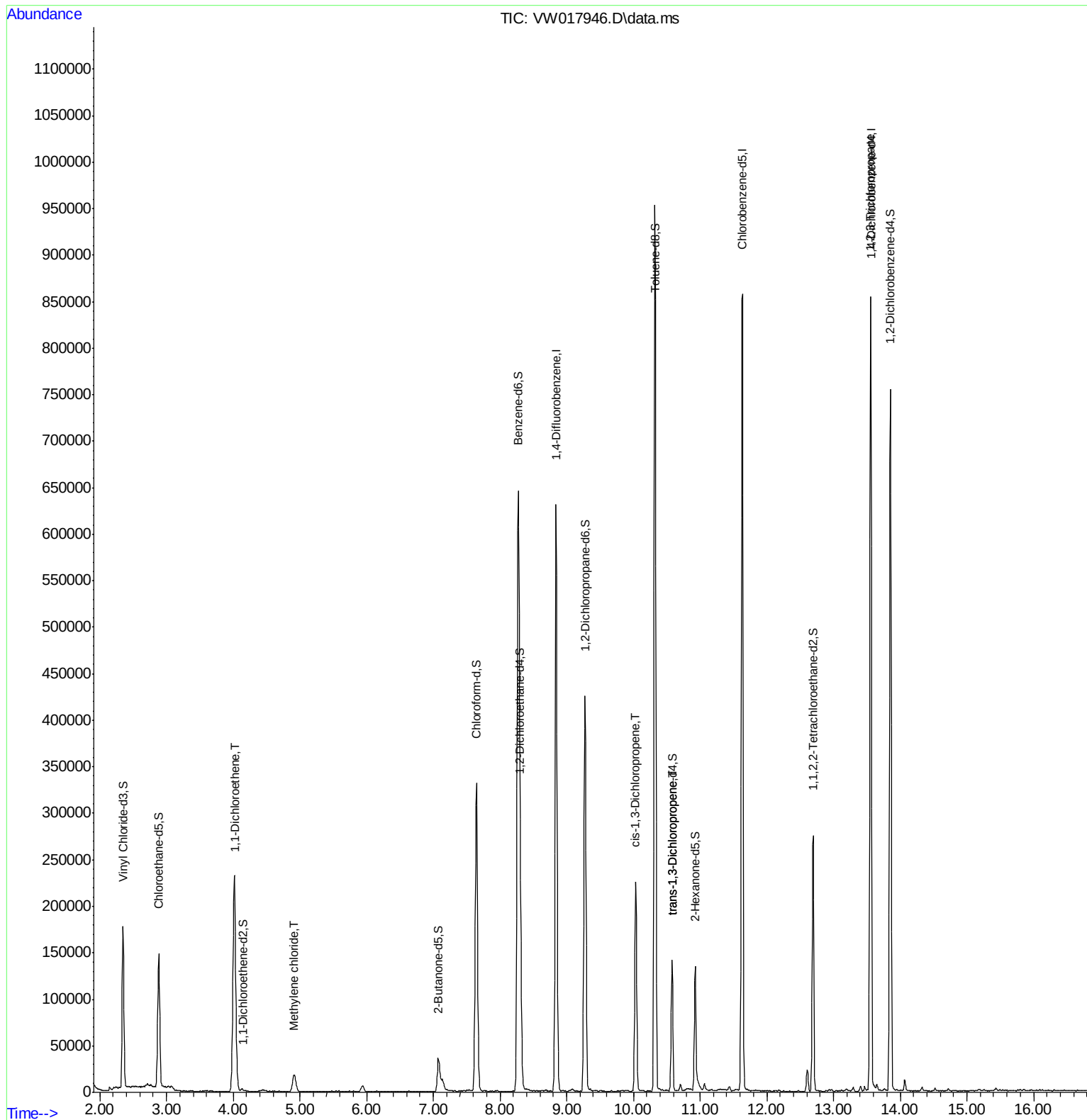
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	527680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	463869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	211151	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	173293	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.68%
7) Chloroethane-d5	2.885	69	144806	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.72%
10) 1,1-Dichloroethene-d2	4.147	63	154	0.01	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.074	46	61490	30.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.40%
24) Chloroform-d	7.647	84	324826	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	8.305	65	177462	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.16%
29) Benzene-d6	8.274	84	644292	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.274	67	184905	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.323	98	621468	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.72%
38) trans-1,3-Dichloroprop...	10.579	79	72477	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.00%
39) 2-Hexanone-d5	10.926	63	45151	33.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.68%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	127895	19.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.16%
61) 1,2-Dichlorobenzene-d4	13.853	152	186495	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%
Target Compounds						
12) 1,1-Dichloroethene	4.025	96	1963	0.28	ug/L #	1
16) Methylene chloride	4.915	84	14149	1.85	ug/L	95
42) cis-1,3-Dichloropropene	10.030	75	6538	0.62	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	4351	0.47	ug/L #	82
59) 1,2,3-Trichloropropane	13.554	75	28497	5.72	ug/L	96

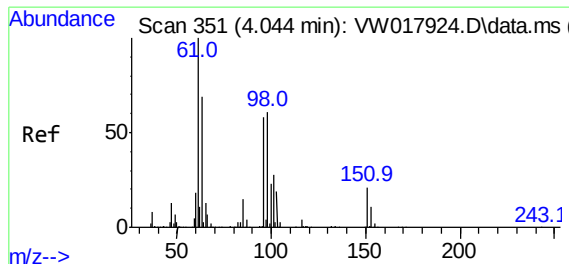
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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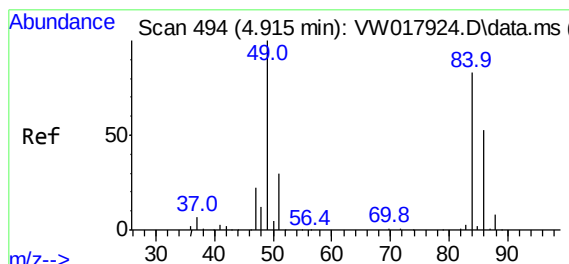
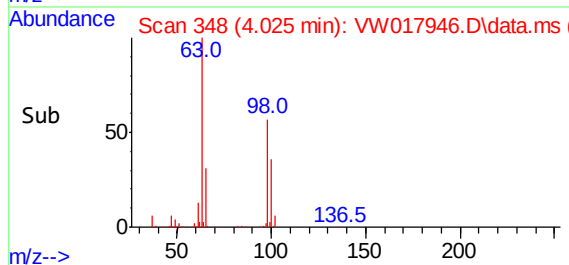
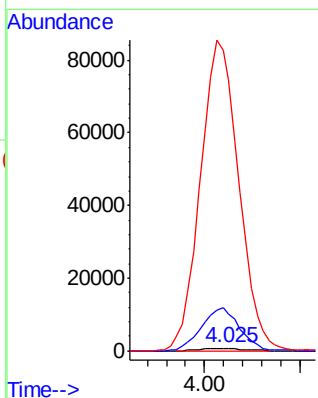
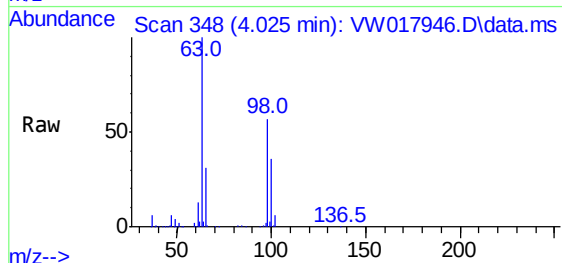




#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW017946.D
Acq: 18 Jan 2021 22:11

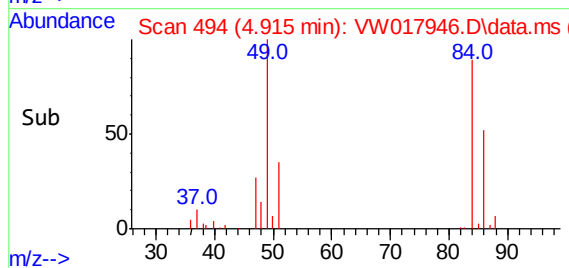
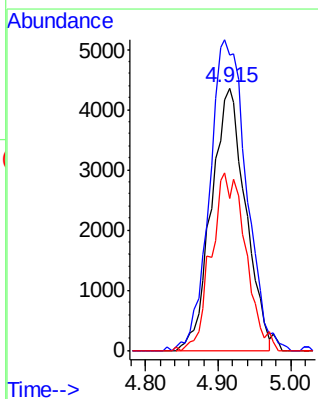
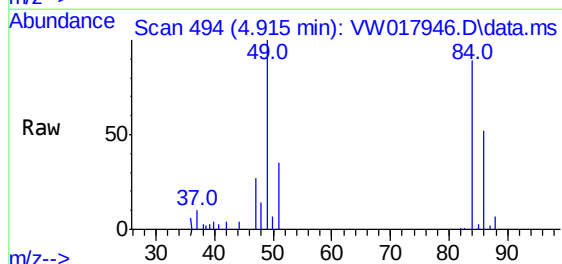
Instrument :
MSVOA_W
ClientSampled :
BFT82

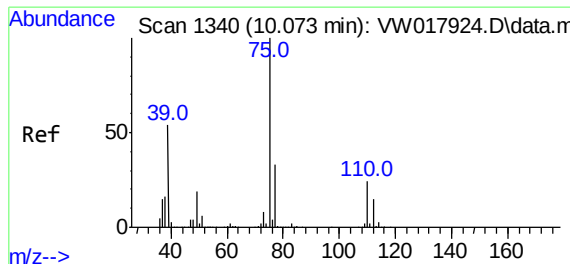
Tgt Ion: 96 Resp: 1963
Ion Ratio Lower Upper
96 100
61 1380.1 112.5 208.9#
63 10237.4 83.1 154.3#



#16
Methylene chloride
Concen: 1.85 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017946.D
Acq: 18 Jan 2021 22:11

Tgt Ion: 84 Resp: 14149
Ion Ratio Lower Upper
84 100
49 112.4 81.2 150.8
86 58.1 44.5 82.7

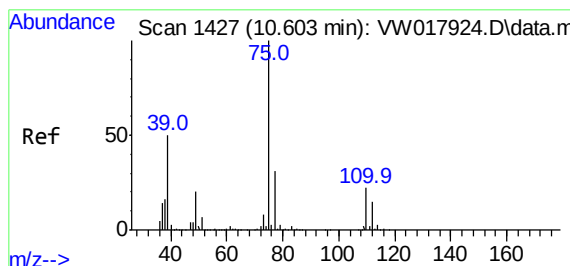
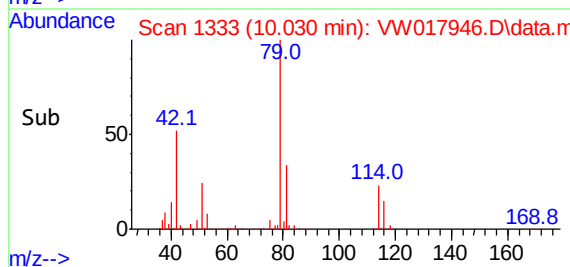
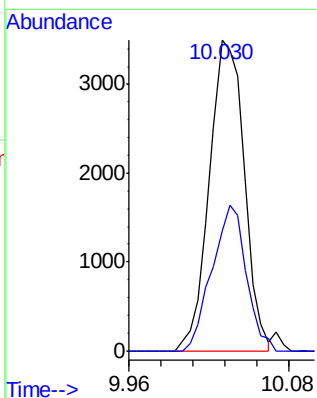
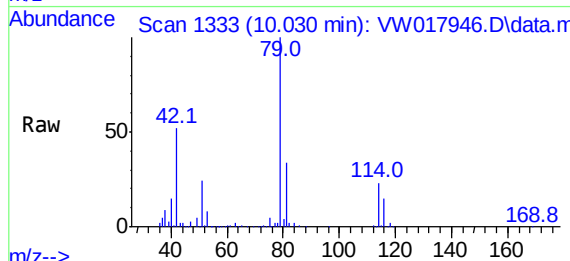




#42
cis-1,3-Dichloropropene
Concen: 0.62 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW017946.D
Acq: 18 Jan 2021 22:11

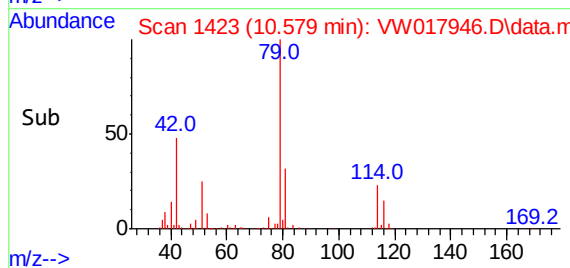
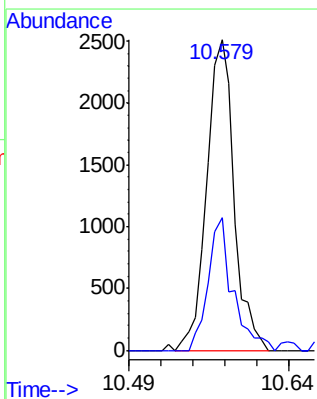
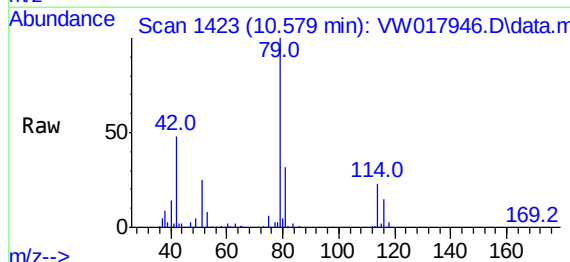
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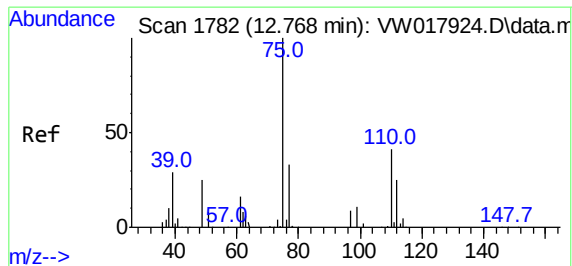
Tgt Ion: 75 Resp: 6538
Ion Ratio Lower Upper
75 100
77 38.4 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017946.D
Acq: 18 Jan 2021 22:11

Tgt Ion: 75 Resp: 4351
Ion Ratio Lower Upper
75 100
77 42.6 22.6 42.0#





#59
 1,2,3-Trichloropropane
 Concen: 5.72 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW017946.D
 Acq: 18 Jan 2021 22:11

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT82

Tgt Ion: 75 Resp: 28497
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.6 39.8

