

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017941.D
 Acq On : 18 Jan 2021 20:14
 Operator : SY/VA
 Sample : M1167-07
 Misc : 4.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT77

Quant Time: Jan 19 07:00:47 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

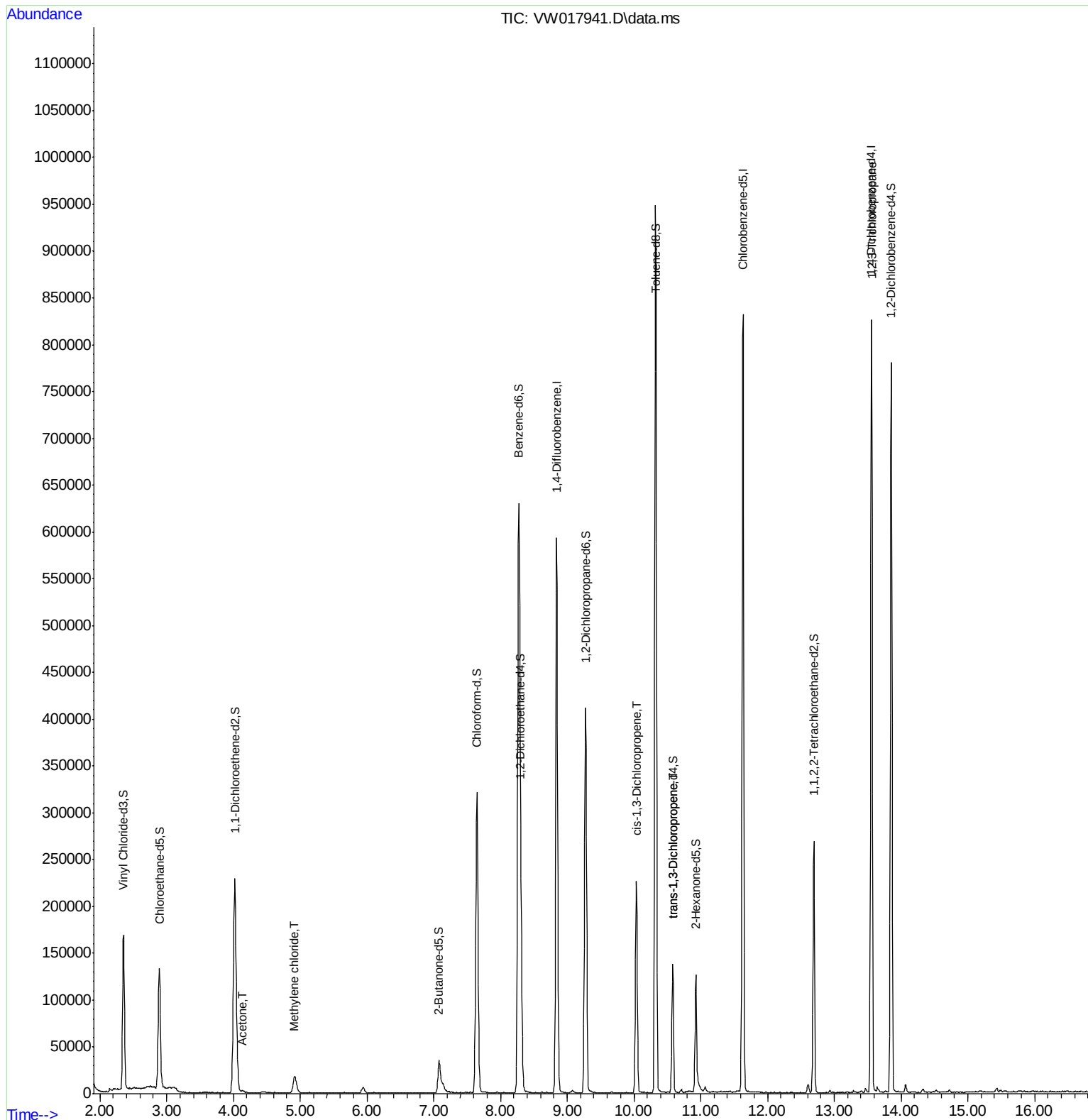
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	494688	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	447202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	207603	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	177634	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.891	69	149536	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
10) 1,1-Dichloroethene-d2	4.019	63	244929	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.080	46	60518	32.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.46%
24) Chloroform-d	7.646	84	317967	23.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.24%
26) 1,2-Dichloroethane-d4	8.305	65	172522	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.36%
29) Benzene-d6	8.274	84	633821	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.274	67	176286	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.323	98	594720	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloroprop...	10.579	79	69357	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	10.926	63	42772	32.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.52%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	122078	18.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.40%
61) 1,2-Dichlorobenzene-d4	13.853	152	186883	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%
Target Compounds						
13) Acetone	4.135	43	2632	1.99	ug/L	77
16) Methylene chloride	4.915	84	11455	1.60	ug/L	97
42) cis-1,3-Dichloropropene	10.036	75	6668	0.66	ug/L #	68
45) trans-1,3-Dichloropropene	10.579	75	3992	0.45	ug/L	84
59) 1,2,3-Trichloropropane	13.560	75	28070	5.84	ug/L	95

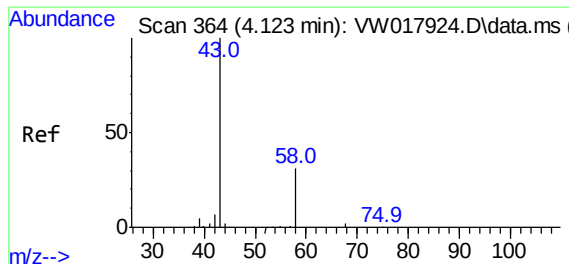
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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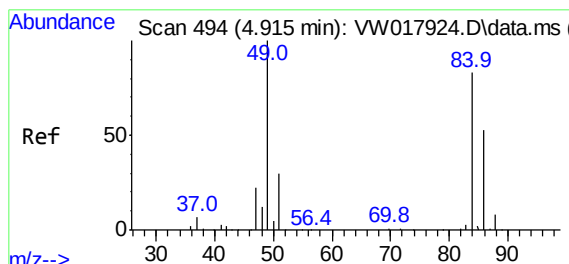
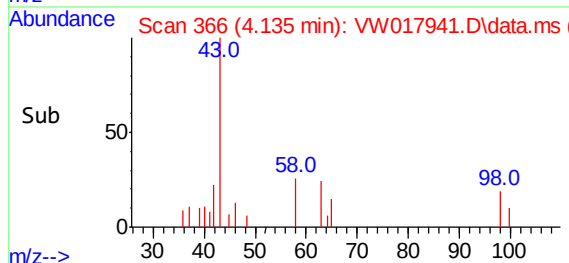
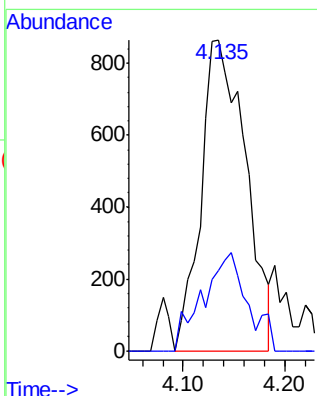
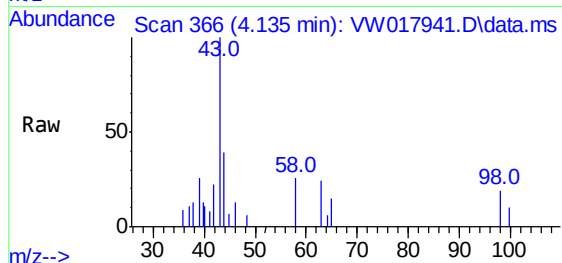




#13
Acetone
Concen: 1.99 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW017941.D
Acq: 18 Jan 2021 20:14

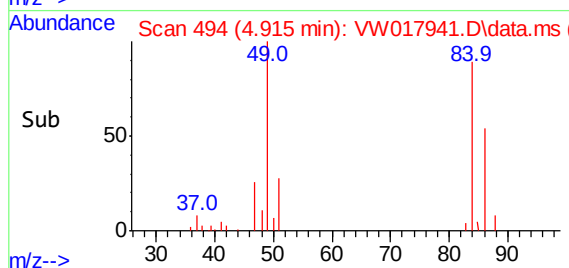
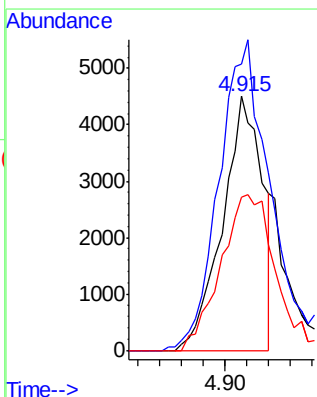
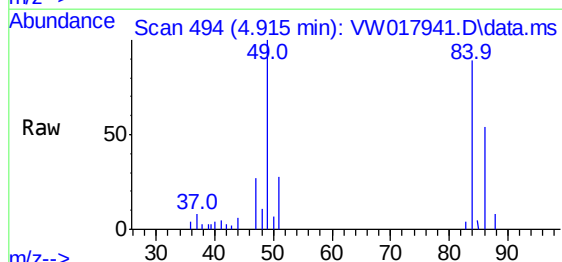
Instrument :
MSVOA_W
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BFT77

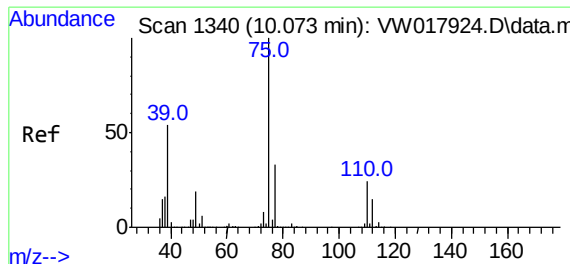
Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
58 20.7 0.0 68.4



#16
Methylene chloride
Concen: 1.60 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017941.D
Acq: 18 Jan 2021 20:14

Tgt Ion: 84 Resp: 11455
Ion Ratio Lower Upper
84 100
49 112.8 81.2 150.8
86 60.4 44.5 82.7

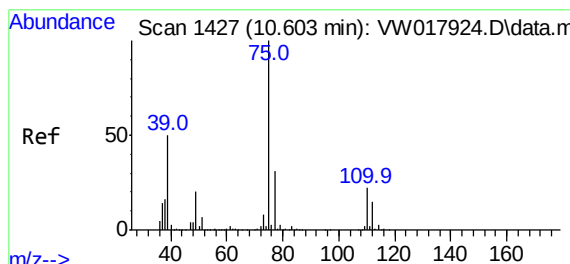
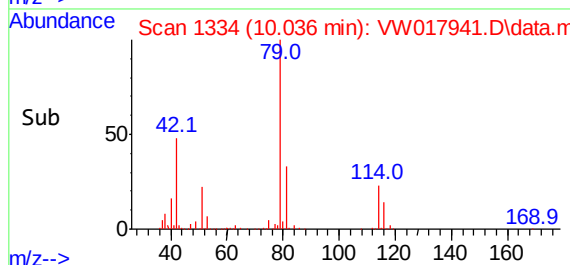
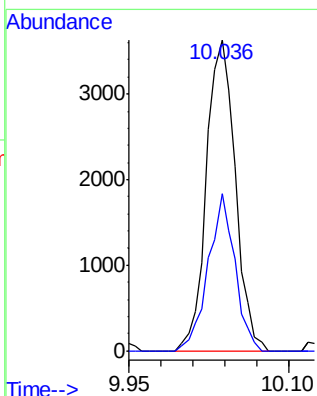
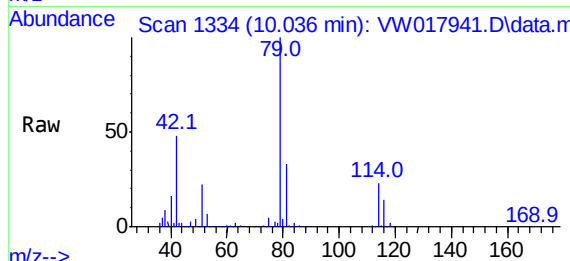




#42
cis-1,3-Dichloropropene
Concen: 0.66 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017941.D
Acq: 18 Jan 2021 20:14

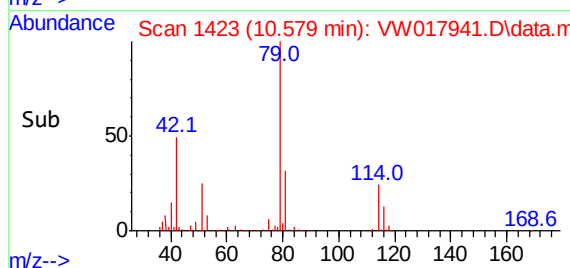
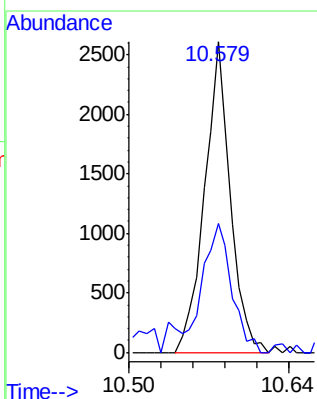
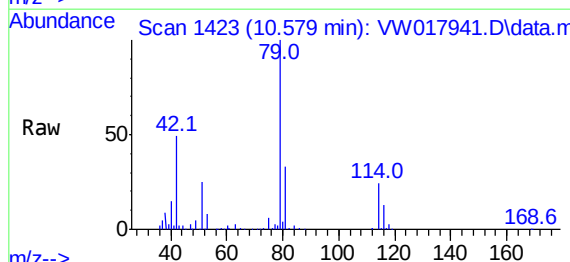
Instrument :
MSVOA_W
ClientSampled :
BFT77

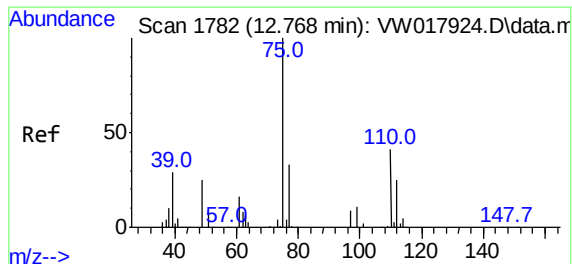
Tgt Ion: 75 Resp: 6668
Ion Ratio Lower Upper
75 100
77 50.5 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW017941.D
Acq: 18 Jan 2021 20:14

Tgt Ion: 75 Resp: 3992
Ion Ratio Lower Upper
75 100
77 41.5 22.6 42.0





#59
 1,2,3-Trichloropropane
 Concen: 5.84 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.792 min
 Lab File: VW017941.D
 Acq: 18 Jan 2021 20:14

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT77

Tgt Ion: 75 Resp: 28070
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.6 39.8

