

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017937.D
 Acq On : 18 Jan 2021 18:40
 Operator : SY/VA
 Sample : M1167-03
 Misc : 5.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT73

Quant Time: Jan 19 06:59:44 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)

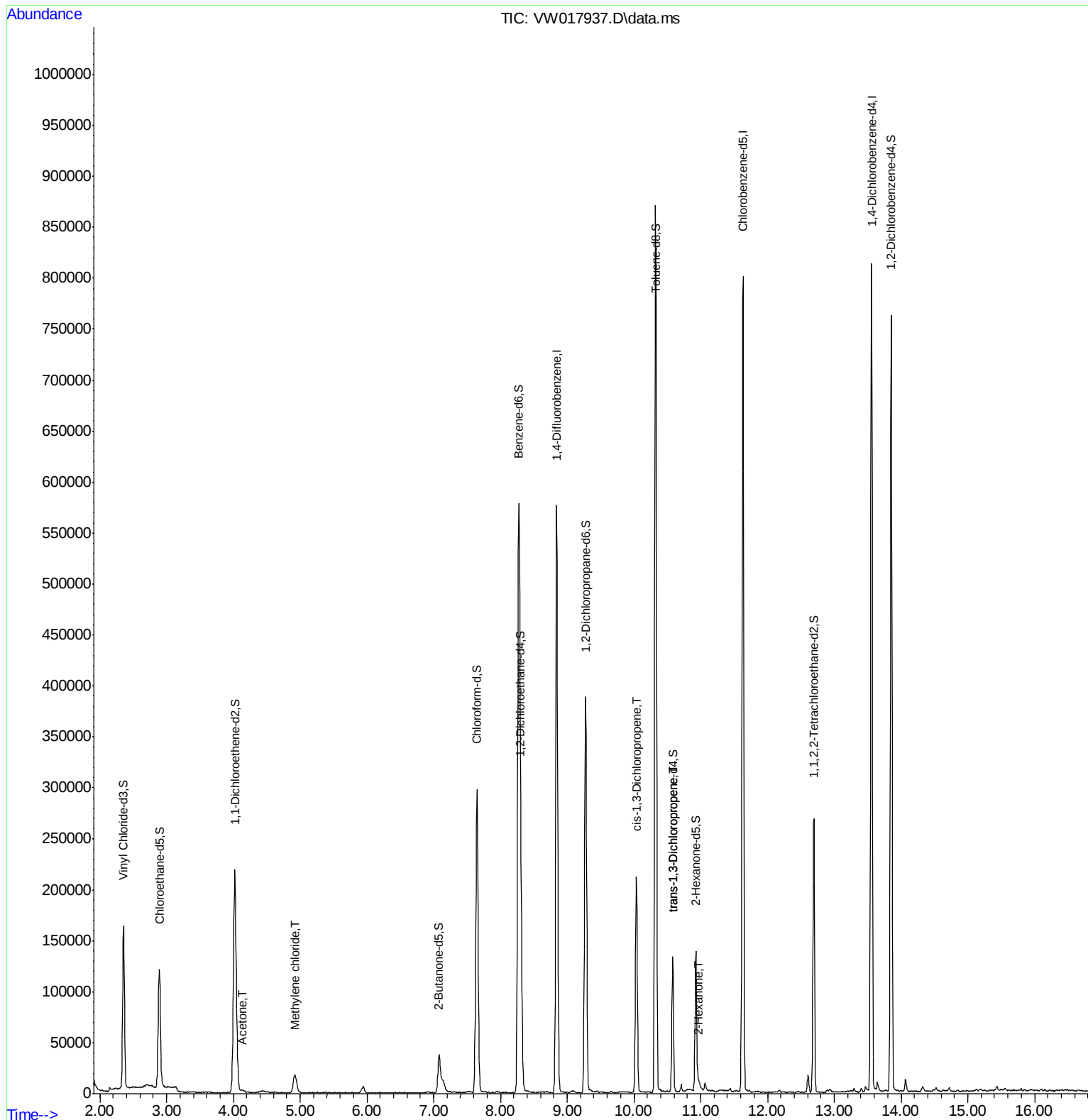
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	484890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	434956	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	208211	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	168777	22.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.72%		
7) Chloroethane-d5	2.891	69	138456	22.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.12%		
10) 1,1-Dichloroethene-d2	4.019	63	230658	16.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.12%		
20) 2-Butanone-d5	7.079	46	66910	36.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.70%		
24) Chloroform-d	7.646	84	295012	22.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.20%		
26) 1,2-Dichloroethane-d4	8.305	65	168655	22.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.12%		
29) Benzene-d6	8.274	84	590110	23.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.84%		
33) 1,2-Dichloropropane-d6	9.274	67	168265	23.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.00%		
37) Toluene-d8	10.323	98	560773	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.96%		
38) trans-1,3-Dichloroprop...	10.579	79	66738	20.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.52%		
39) 2-Hexanone-d5	10.926	63	48585	38.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.52%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	126357	20.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	178974	24.70	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.80%		
Target Compounds						
13) Acetone	4.129	43	1982	1.53	ug/L	72
16) Methylene chloride	4.927	84	14681	2.09	ug/L	93
42) cis-1,3-Dichloropropene	10.036	75	6723	0.68	ug/L	89
45) trans-1,3-Dichloropropene	10.579	75	4122	0.48	ug/L	91
49) 2-Hexanone	10.969	43	1629	0.57	ug/L #	94

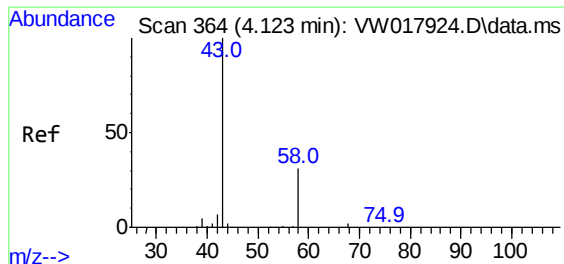
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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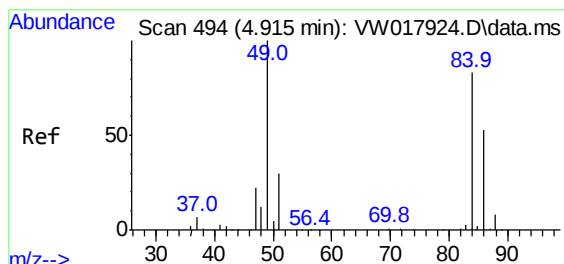
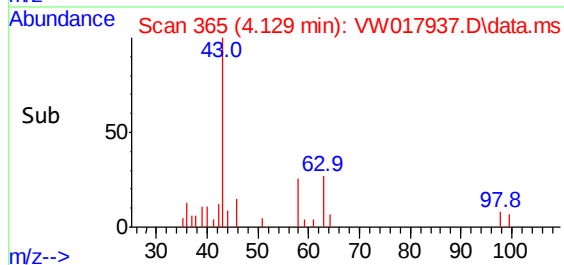
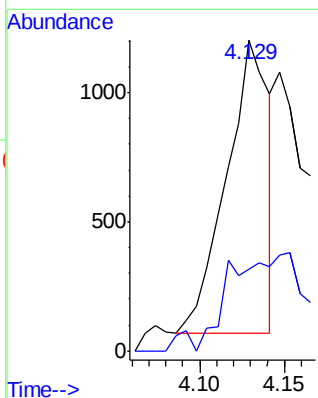
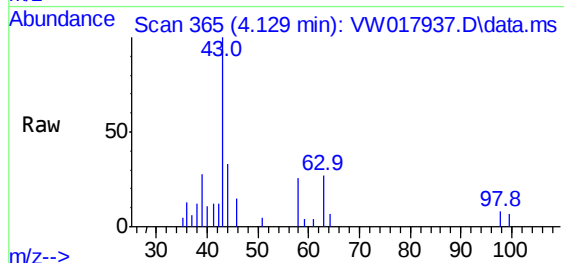




#13
Acetone
Concen: 1.53 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW017937.D
Acq: 18 Jan 2021 18:40

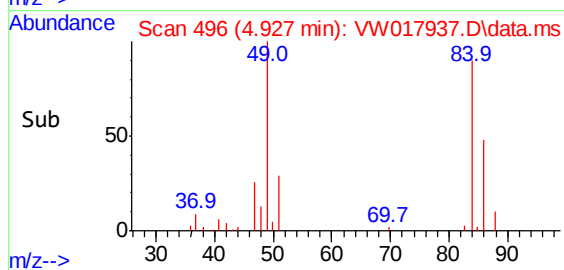
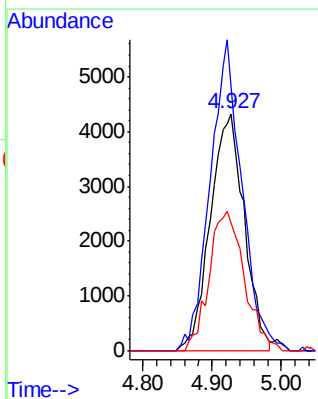
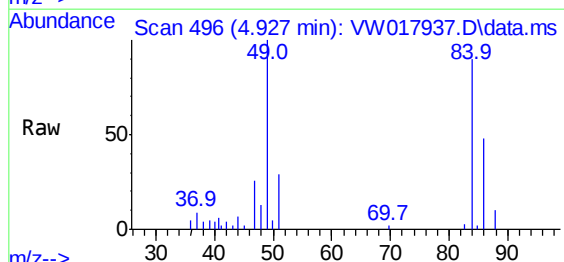
Instrument :
MSVOA_W
ClientSampleId :
BFT73

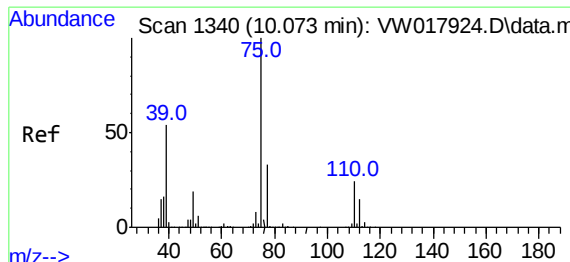
Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
58 18.1 0.0 68.4



#16
Methylene chloride
Concen: 2.09 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW017937.D
Acq: 18 Jan 2021 18:40

Tgt Ion: 84 Resp: 14681
Ion Ratio Lower Upper
84 100
49 111.6 81.2 150.8
86 53.7 44.5 82.7

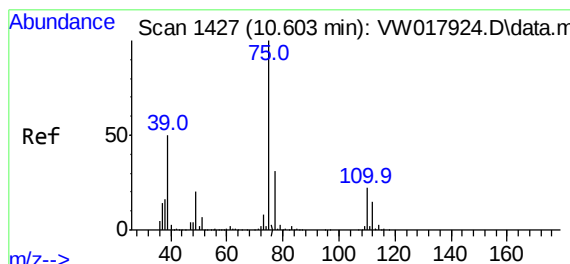
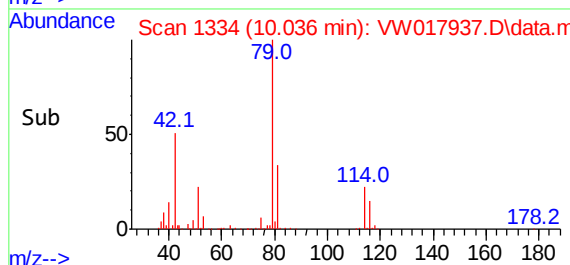
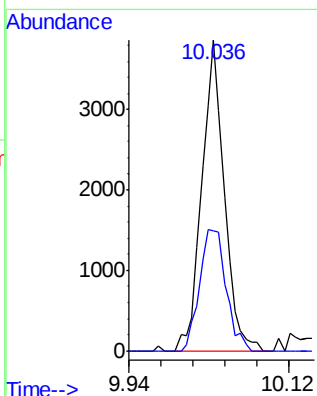
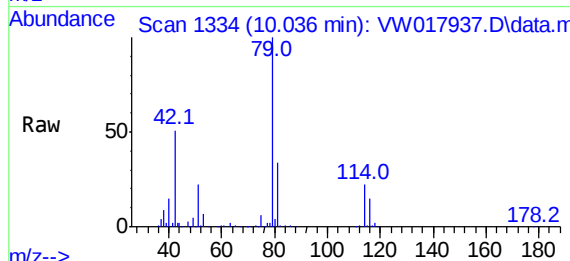




#42
cis-1,3-Dichloropropene
Concen: 0.68 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017937.D
Acq: 18 Jan 2021 18:40

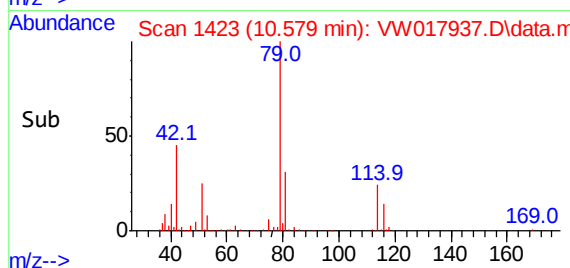
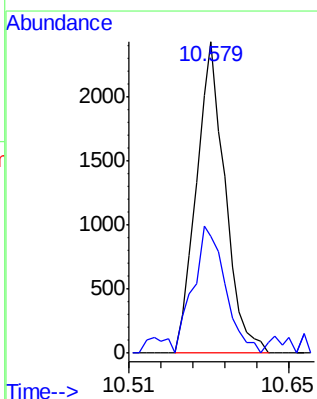
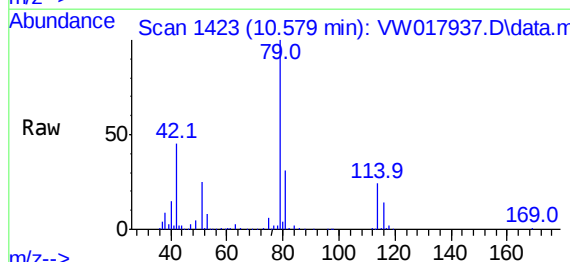
Instrument :
MSVOA_W
ClientSampled :
BFT73

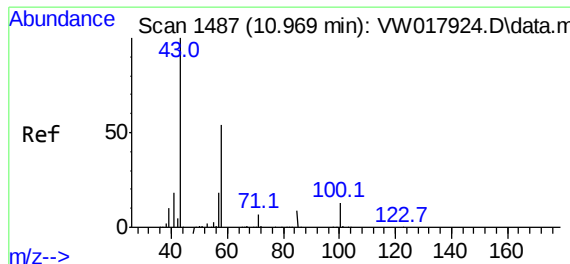
Tgt Ion: 75 Resp: 6723
Ion Ratio Lower Upper
75 100
77 38.7 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW017937.D
Acq: 18 Jan 2021 18:40

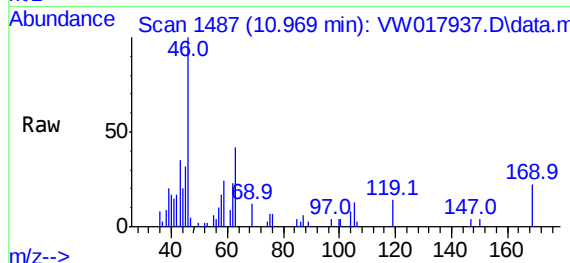
Tgt Ion: 75 Resp: 4122
Ion Ratio Lower Upper
75 100
77 37.3 22.6 42.0





#49
2-Hexanone
Concen: 0.57 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017937.D
Acq: 18 Jan 2021 18:40

Instrument :
MSVOA_W
ClientSampleId :
BFT73



Tgt Ion: 43 Resp: 1629

Ion	Ratio	Lower	Upper
43	100		
58	64.9	51.3	76.9
57	26.6	15.0	22.6#
100	10.1	12.2	18.2#

