

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018376.D
 Acq On : 21 Sep 2020 17:30
 Operator : SY/MD
 Sample : L4090-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY3

Quant Time: Sep 22 04:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	216935	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	215151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	101904	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54421	30.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.56%
7) Chloroethane-d5	1.58	69	48460	33.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.00%#
11) 1,1-Dichloroethene-d2	2.12	63	82700	25.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.00%#
21) 2-Butanone-d5	3.92	46	71736	66.29	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.29%
24) Chloroform-d	4.38	84	106093	34.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.18%#
26) 1,2-Dichloroethane-d4	5.06	65	70638	35.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.84%
32) Benzene-d6	5.08	84	210589	34.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.38%#
36) 1,2-Dichloropropane-d6	6.10	67	67900	34.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.40%#
41) Toluene-d8	7.34	98	180928	32.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.46%#
43) trans-1,3-Dichloropropene-	7.64	79	31984	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
47) 2-Hexanone-d5	8.11	63	42212	56.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	81925	33.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	80176	38.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.62%#

Target Compounds

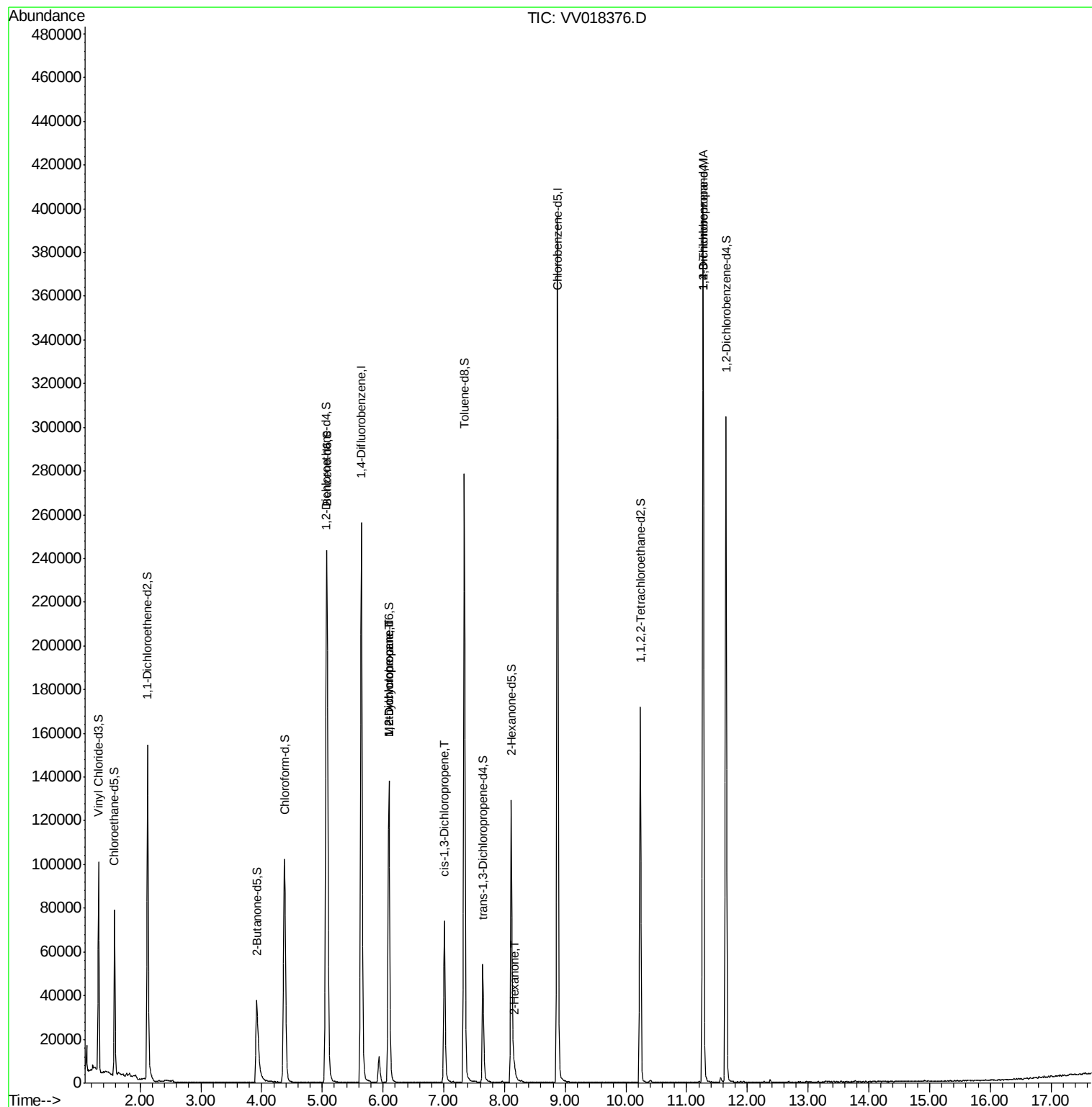
					Ovalue
35) Methylcyclohexane	6.10	83	16398	6.499 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7527	4.618 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1678	0.668 ug/L #	52
48) 2-Hexanone	8.16	43	3124	2.004 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	11359	5.925 ug/L	91

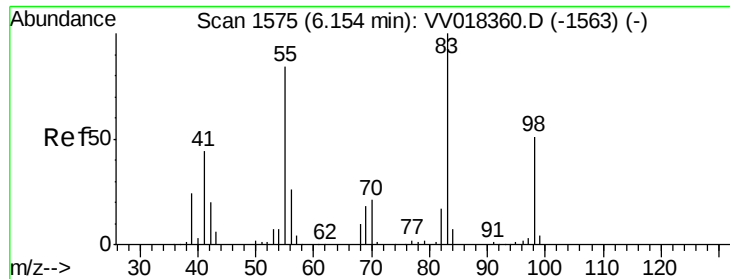
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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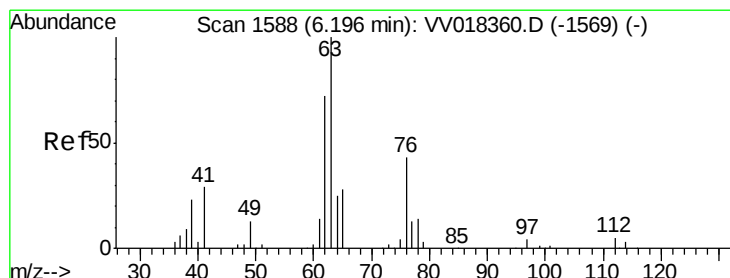
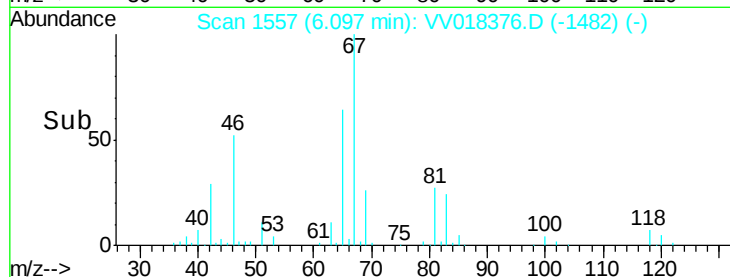
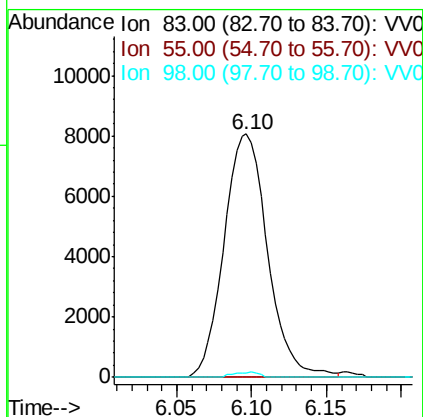
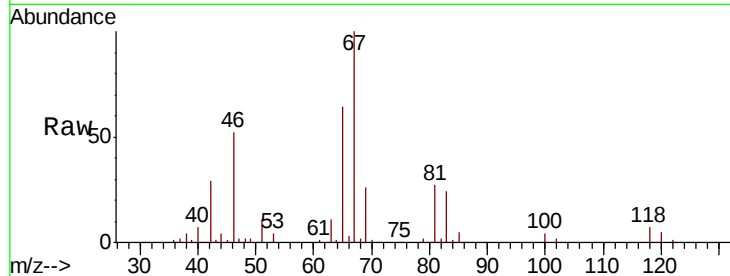




#35
Methvlcvclohexane
Concen: 6.499 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018376.D
Acq: 21 Sep 2020 17:30

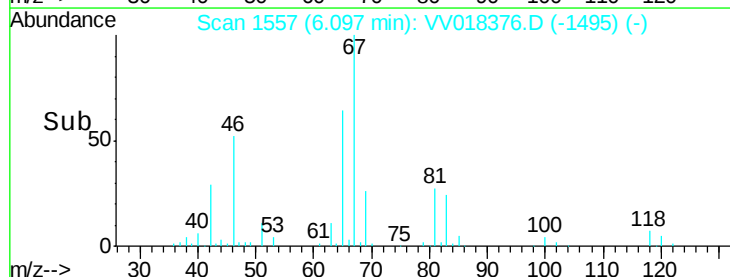
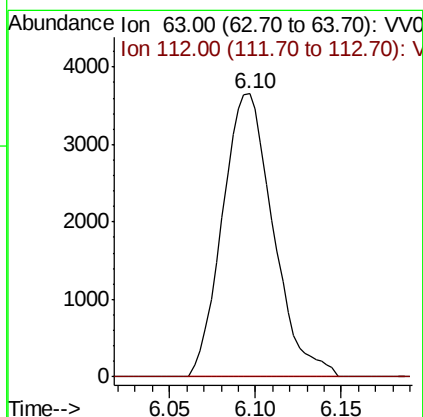
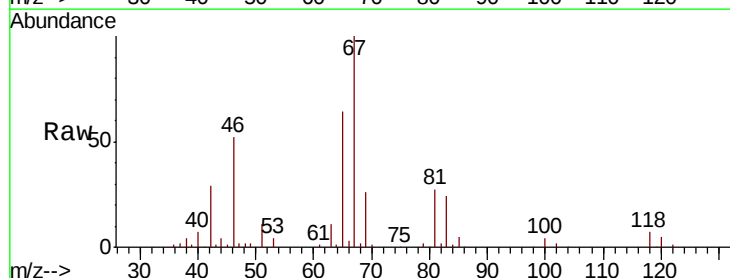
Instrument :
MSVOA_V
ClientSampleId :
BFWY3

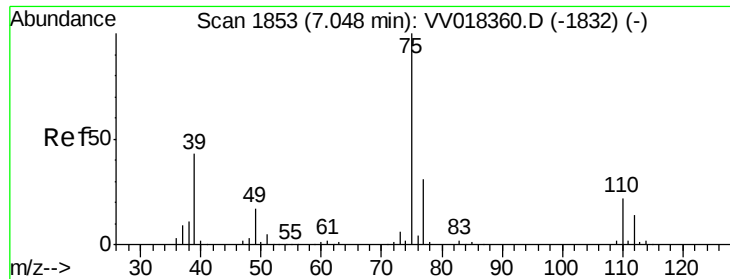
Tot Ion: 83 Resp: 16398
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.3 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 4.618 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV018376.D
Acq: 21 Sep 2020 17:30

Tgt Ion: 63 Resp: 7527
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

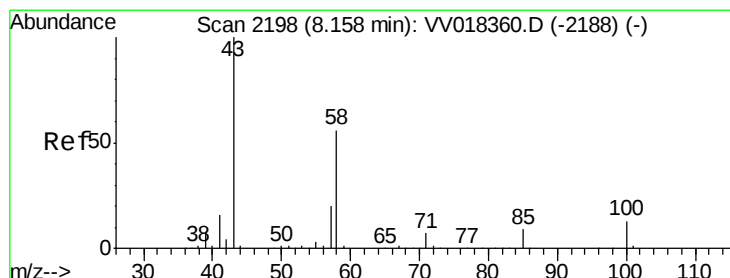
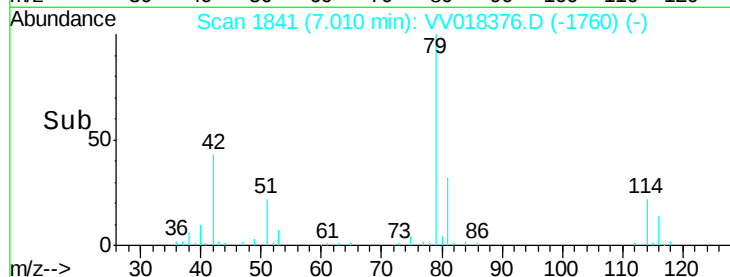
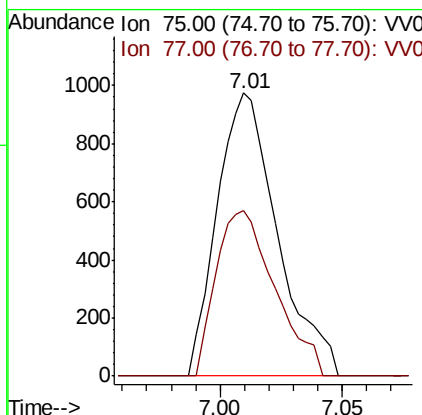
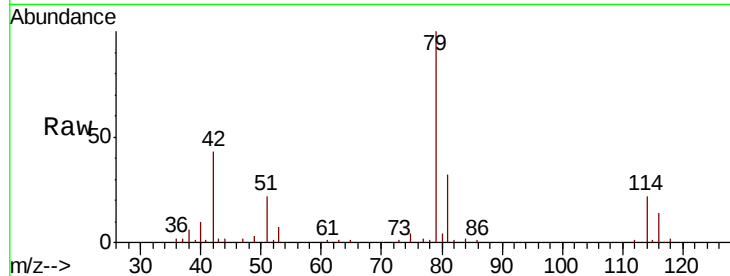




#39
 cis-1,3-Dichloropropene
 Concen: 0.668 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018376.D
 Acq: 21 Sep 2020 17:30

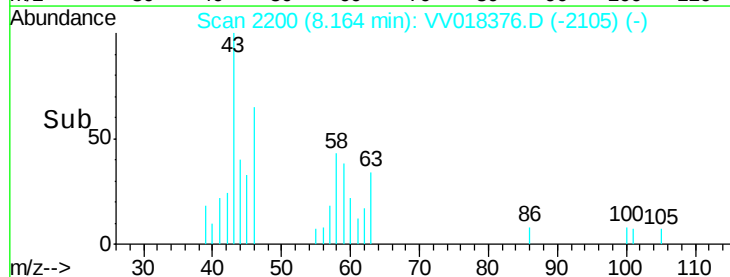
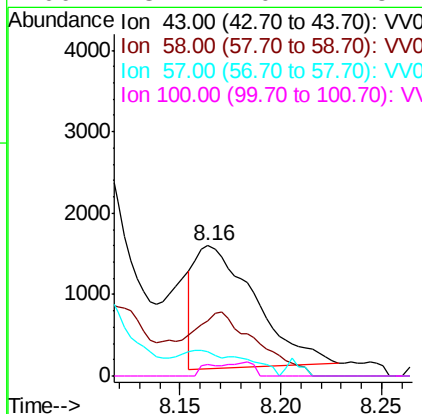
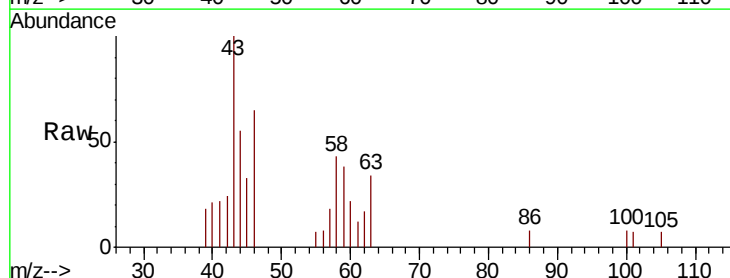
Instrument :
 MSVOA_V
 ClientSampled :
 BFWY3

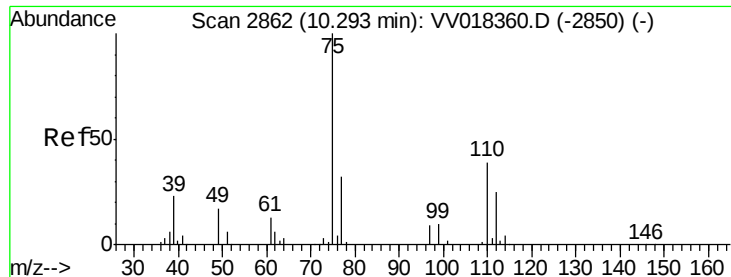
Tot Ion: 75 Resp: 1678
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.004 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018376.D
 Acq: 21 Sep 2020 17:30

Tgt Ion: 43 Resp: 3124
 Ion Ratio Lower Upper
 43 100
 58 53.1 44.8 67.2
 57 4.4 15.8 23.6#
 100 3.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 5.925 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018376.D

Acq: 21 Sep 2020 17:30

Instrument :

MSVOA_V

ClientSampleId :

BFWY3

Tot Ion: 75 Resp: 11359

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6

