

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017830.D
 Acq On : 07 Aug 2020 11:23
 Operator : SY/MD
 Sample : L3562-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSH5

Quant Time: Aug 08 00:24:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43279	38.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	42677	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.12	63	89437	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.52%
21) 2-Butanone-d5	3.92	46	73726	86.31	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.31%
24) Chloroform-d	4.37	84	144957	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.05	65	110197	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.07	84	239098	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
36) 1,2-Dichloropropane-d6	6.09	67	64045	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.70%
41) Toluene-d8	7.34	98	242757	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.64	79	40910	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
47) 2-Hexanone-d5	8.11	63	52713	82.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97453	43.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	125663	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

Target Compounds

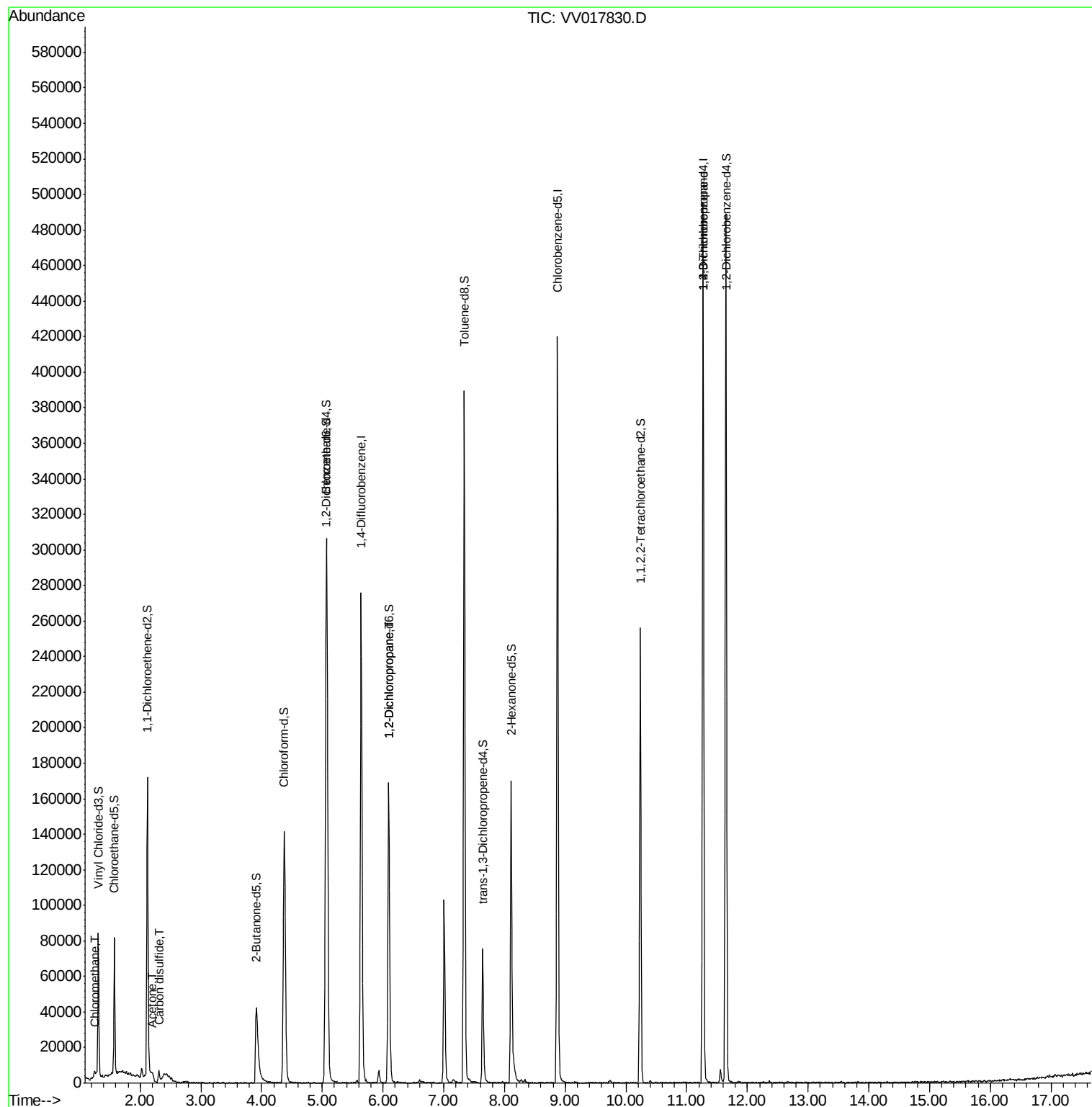
					Ovalue
3) Chloromethane	1.25	50	1857	1.190 ug/L	93
13) Acetone	2.19	43	3187	2.938 ug/L	97
14) Carbon disulfide	2.31	76	7171	1.660 ug/L #	87
37) 1,2-Dichloropropane	6.09	63	10178	7.157 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	10930	5.282 ug/L #	66

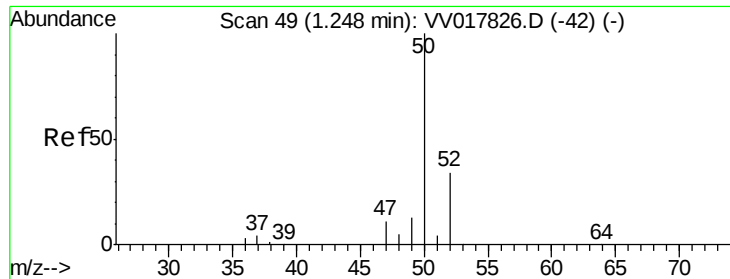
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.190 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017830.D

Acq: 07 Aug 2020 11:23

Instrument :

MSVOA_V

ClientSampleId :

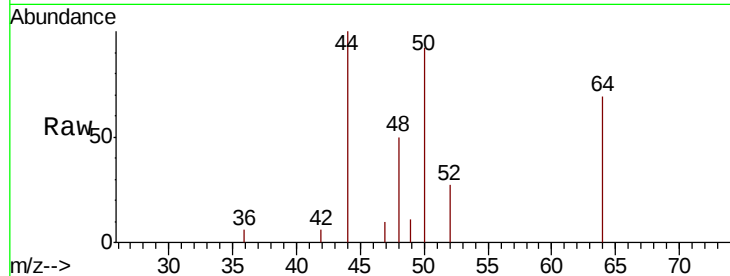
BFSH5

Tot Ion: 50 Resp: 1857

Ion Ratio Lower Upper

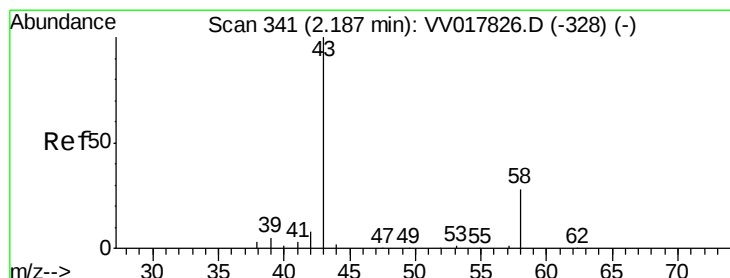
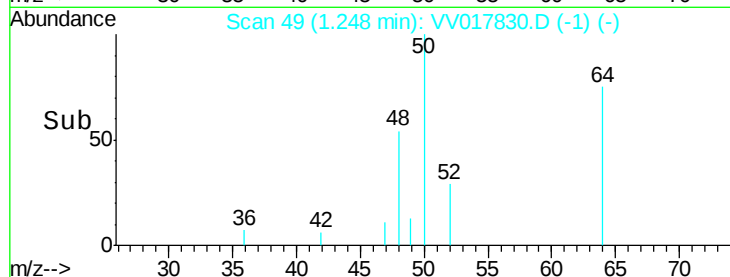
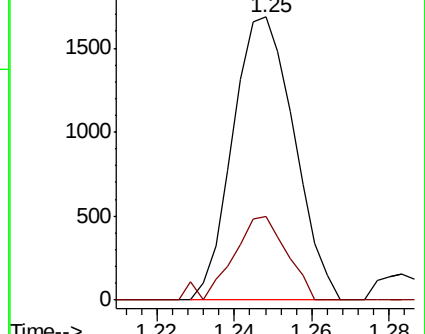
50 100

52 29.5 23.6 43.8



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 2.938 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017830.D

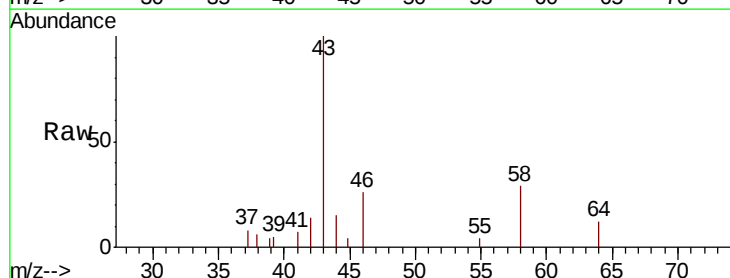
Acq: 07 Aug 2020 11:23

Tgt Ion: 43 Resp: 3187

Ion Ratio Lower Upper

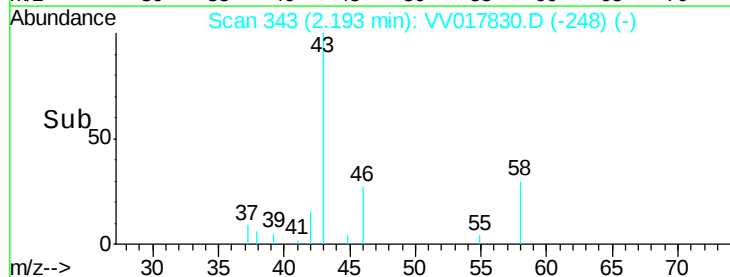
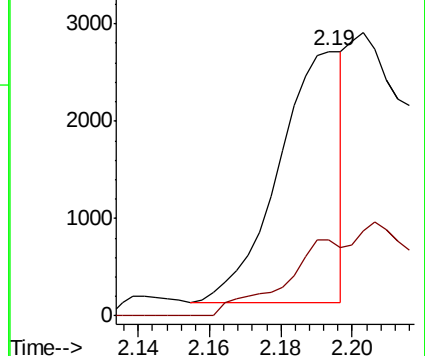
43 100

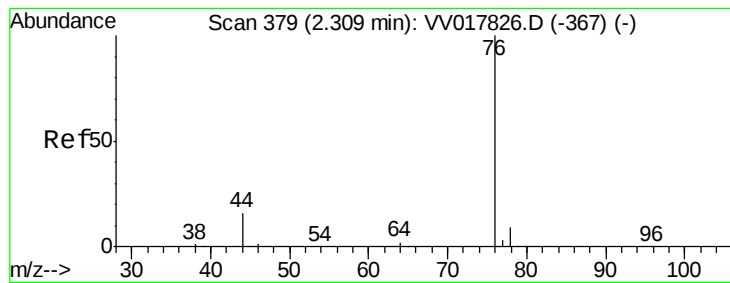
58 27.6 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#14

Carbon disulfide

Concen: 1.660 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017830.D

Acq: 07 Aug 2020 11:23

Instrument :

MSVOA_V

ClientSampled :

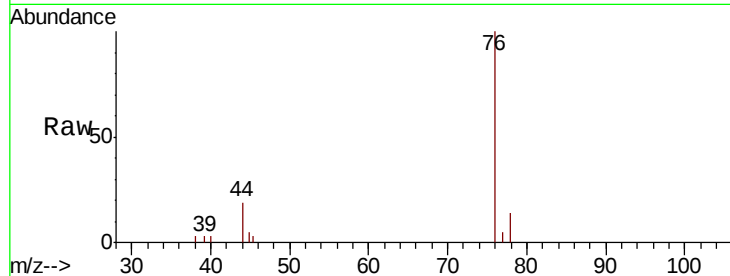
BFSH5

Tot Ion: 76 Resp: 7171

Ion Ratio Lower Upper

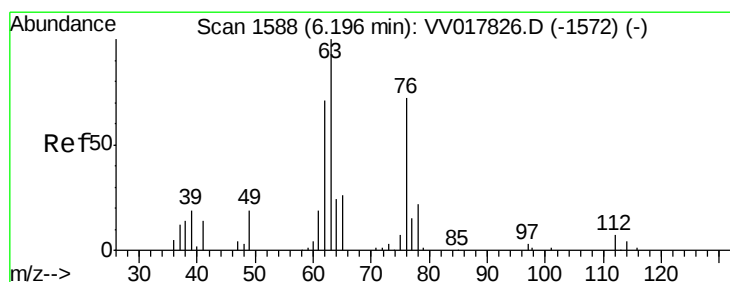
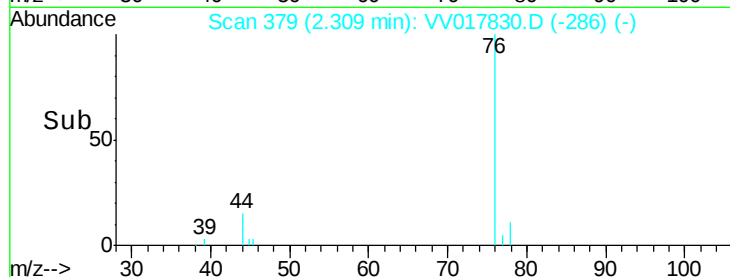
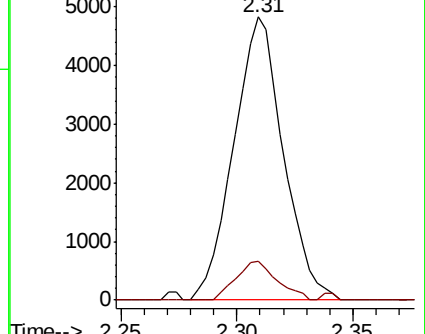
76 100

78 13.9 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 7.157 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017830.D

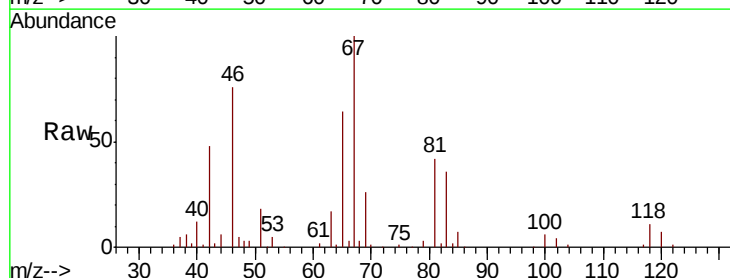
Acq: 07 Aug 2020 11:23

Tgt Ion: 63 Resp: 10178

Ion Ratio Lower Upper

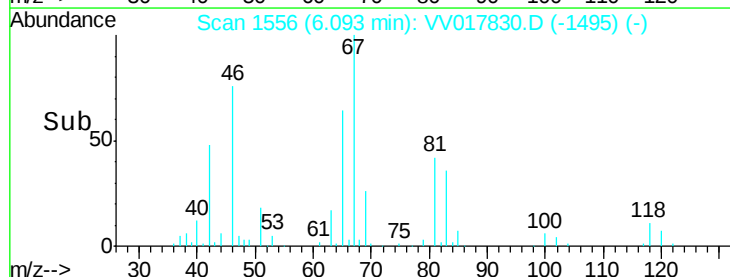
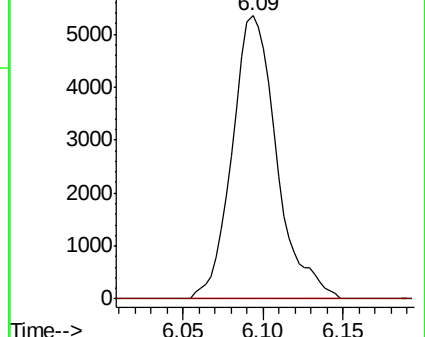
63 100

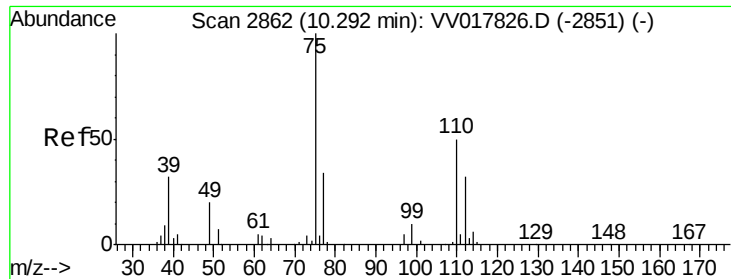
112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.282 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017830.D

Acq: 07 Aug 2020 11:23

Instrument :

MSVOA_V

ClientSampleId :

BFSH5

Tot Ion: 75 Resp: 10930

Ion Ratio Lower Upper

75 100

77 50.5 25.1 37.7#

