

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018373.D
 Acq On : 21 Sep 2020 16:00
 Operator : SY/MD
 Sample : L4090-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX9

Quant Time: Sep 22 04:37:15 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	289855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	285878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87928	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.44%
7) Chloroethane-d5	1.58	69	75530	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.16%
11) 1,1-Dichloroethene-d2	2.12	63	131247	30.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.58%
21) 2-Butanone-d5	3.92	46	110735	76.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.59%
24) Chloroform-d	4.38	84	168599	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
26) 1,2-Dichloroethane-d4	5.06	65	111760	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
32) Benzene-d6	5.08	84	333201	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.09	67	107972	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.04%
41) Toluene-d8	7.34	98	296869	39.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.60%#
43) trans-1,3-Dichloropropene-	7.64	79	51429	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.84%
47) 2-Hexanone-d5	8.11	63	74137	75.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131882	40.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	125545	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%

Target Compounds

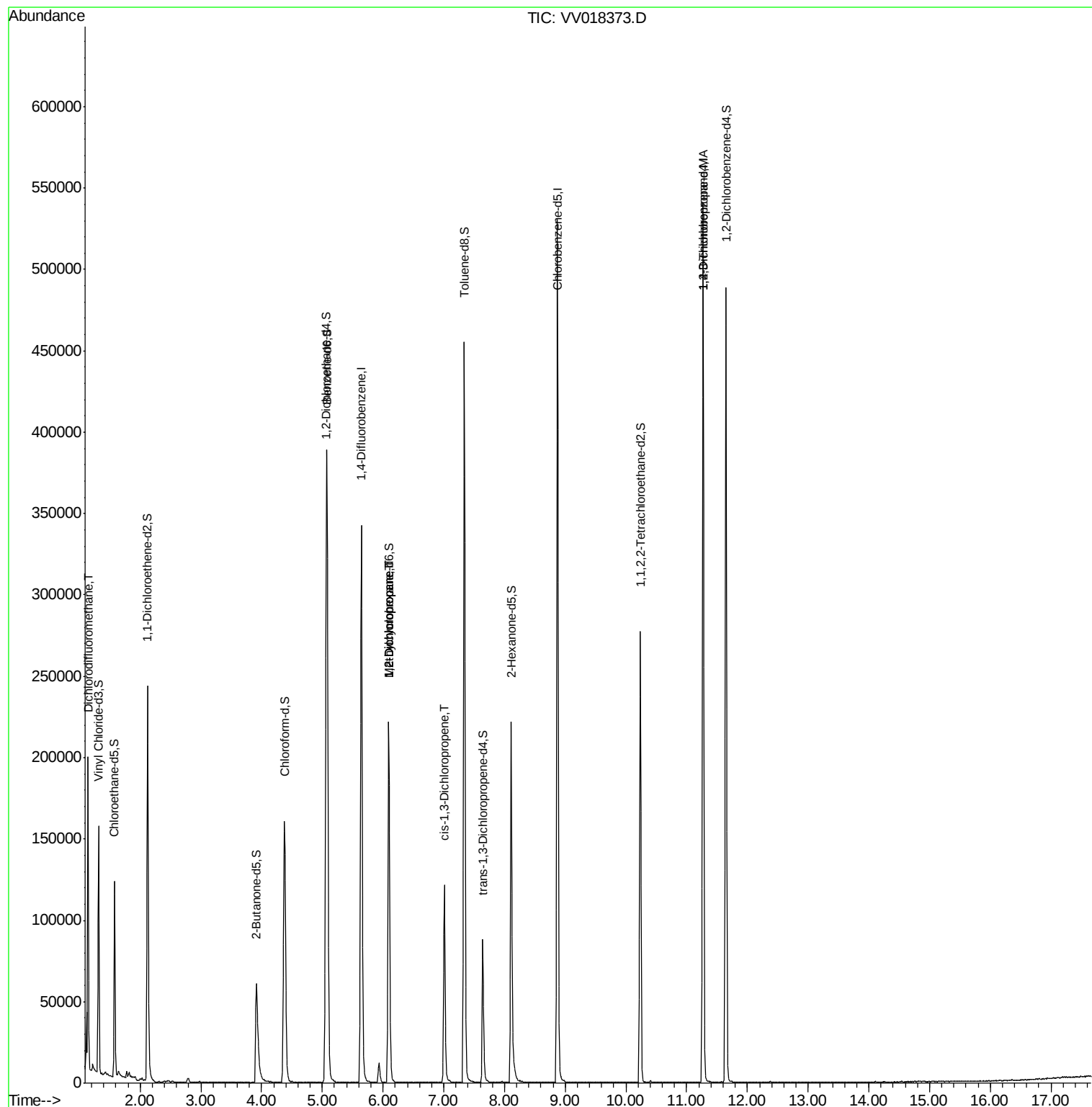
					Ovalue
2) Dichlorodifluoromethane	1.14	85	2640	1.249 ug/L	95
35) Methylcyclohexane	6.10	83	25821	7.702 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11536	5.326 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3005	0.900 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	15307	6.009 ug/L	91

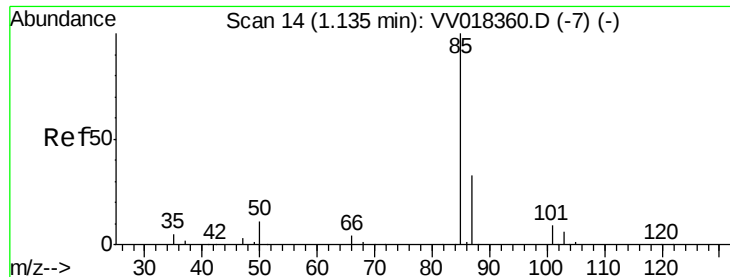
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.249 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV018373.D

Acq: 21 Sep 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

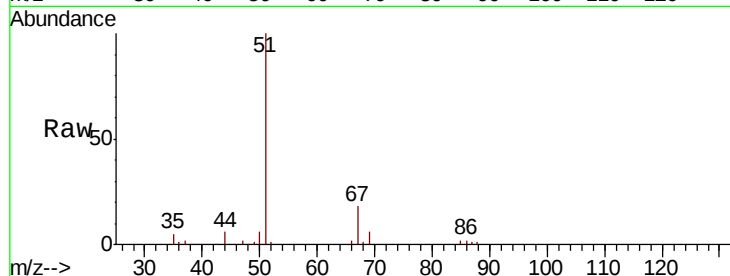
BFWX9

Tot Ion: 85 Resp: 2640

Ion Ratio Lower Upper

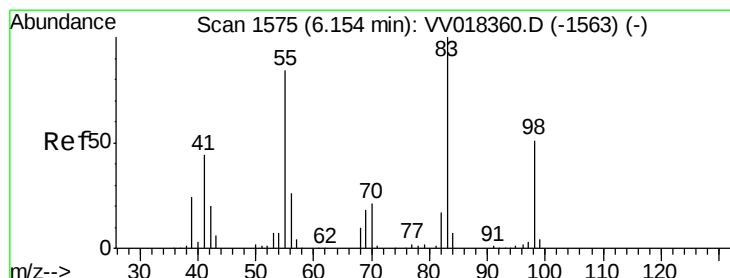
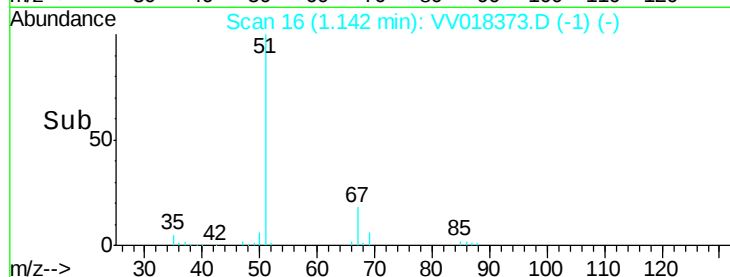
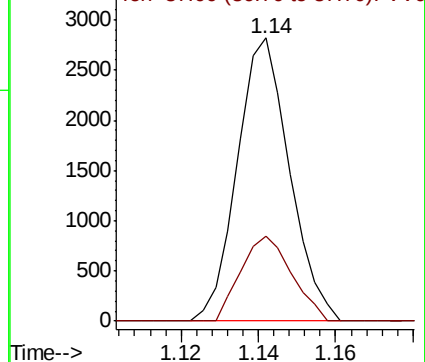
85 100

87 29.1 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#35

Methylcyclohexane

Concen: 7.702 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018373.D

Acq: 21 Sep 2020 16:00

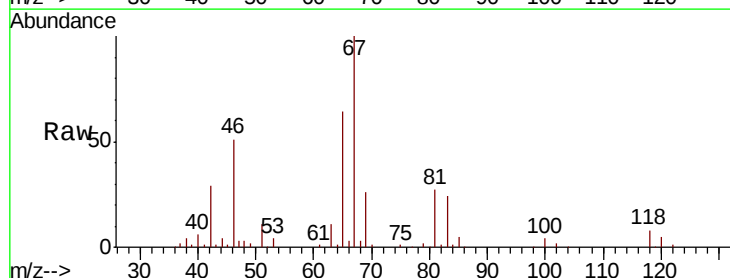
Tgt Ion: 83 Resp: 25821

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

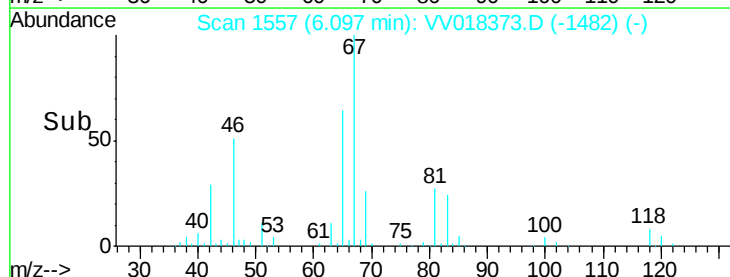
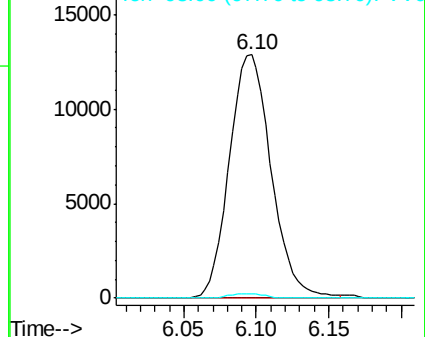
98 1.5 38.8 58.2#

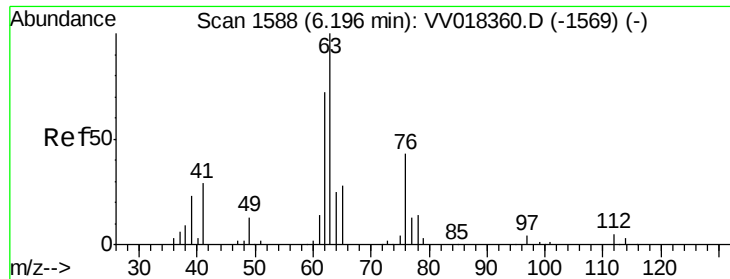


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

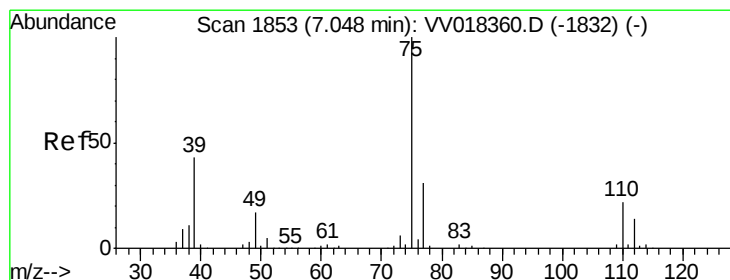
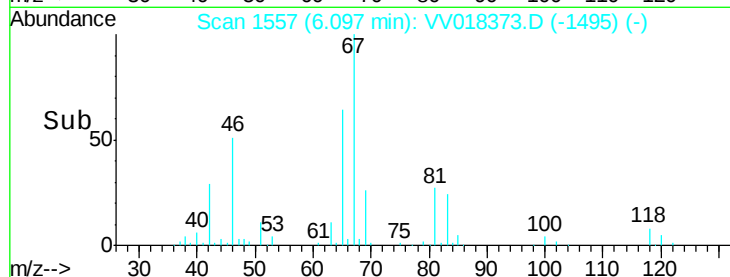
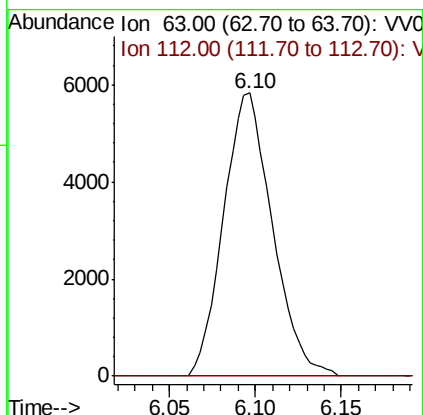
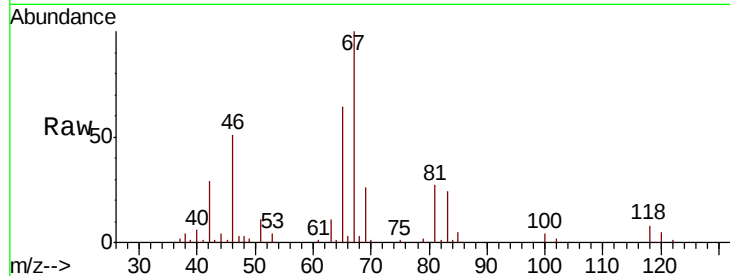




#37
 1,2-Dichloropropane
 Concen: 5.326 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018373.D
 Acq: 21 Sep 2020 16:00

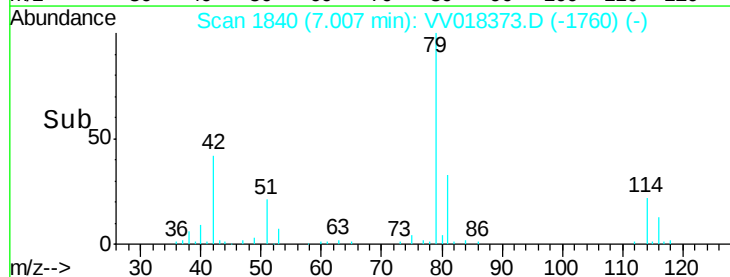
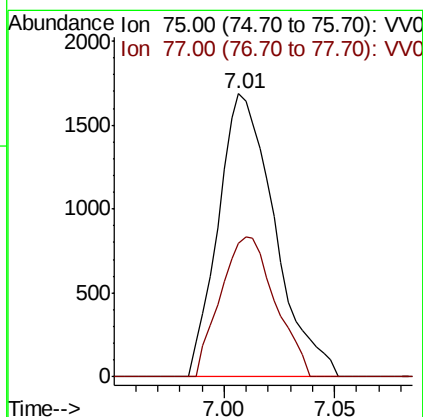
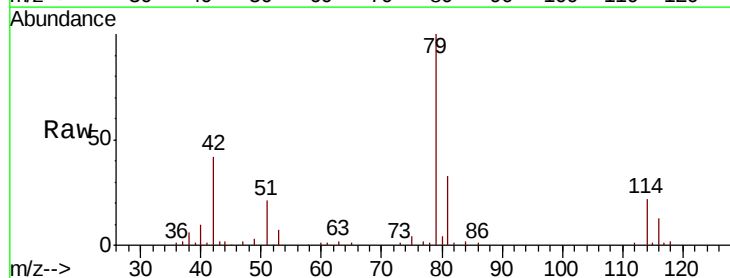
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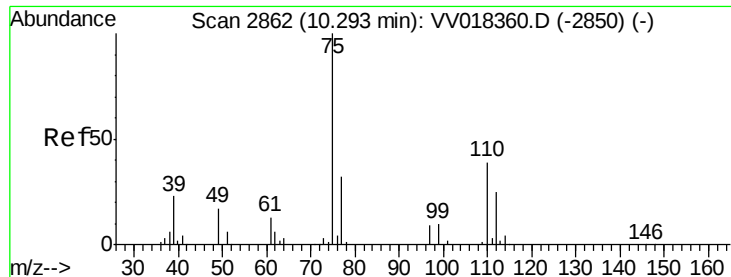
Tot Ion: 63 Resp: 11536
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.900 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018373.D
 Acq: 21 Sep 2020 16:00

Tgt Ion: 75 Resp: 3005
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.009 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018373.D

Acq: 21 Sep 2020 16:00

Instrument :

MSVOA_V

ClientSampleId :

BFWX9

Tot Ion: 75 Resp: 15307

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6

