

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018349.D
 Acq On : 19 Sep 2020 01:39
 Operator : SY/MD
 Sample : L4080-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273861	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273311	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96720	43.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.68%
7) Chloroethane-d5	1.58	69	78173	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.12	63	137510	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.91	46	121409	88.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.87%
24) Chloroform-d	4.38	84	170973	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
26) 1,2-Dichloroethane-d4	5.06	65	113140	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
32) Benzene-d6	5.08	84	344669	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
36) 1,2-Dichloropropane-d6	6.09	67	109767	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.30%
41) Toluene-d8	7.34	98	306717	43.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.02%
43) trans-1,3-Dichloropropene-	7.64	79	50600	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
47) 2-Hexanone-d5	8.11	63	79320	84.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.23%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135784	43.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	126720	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

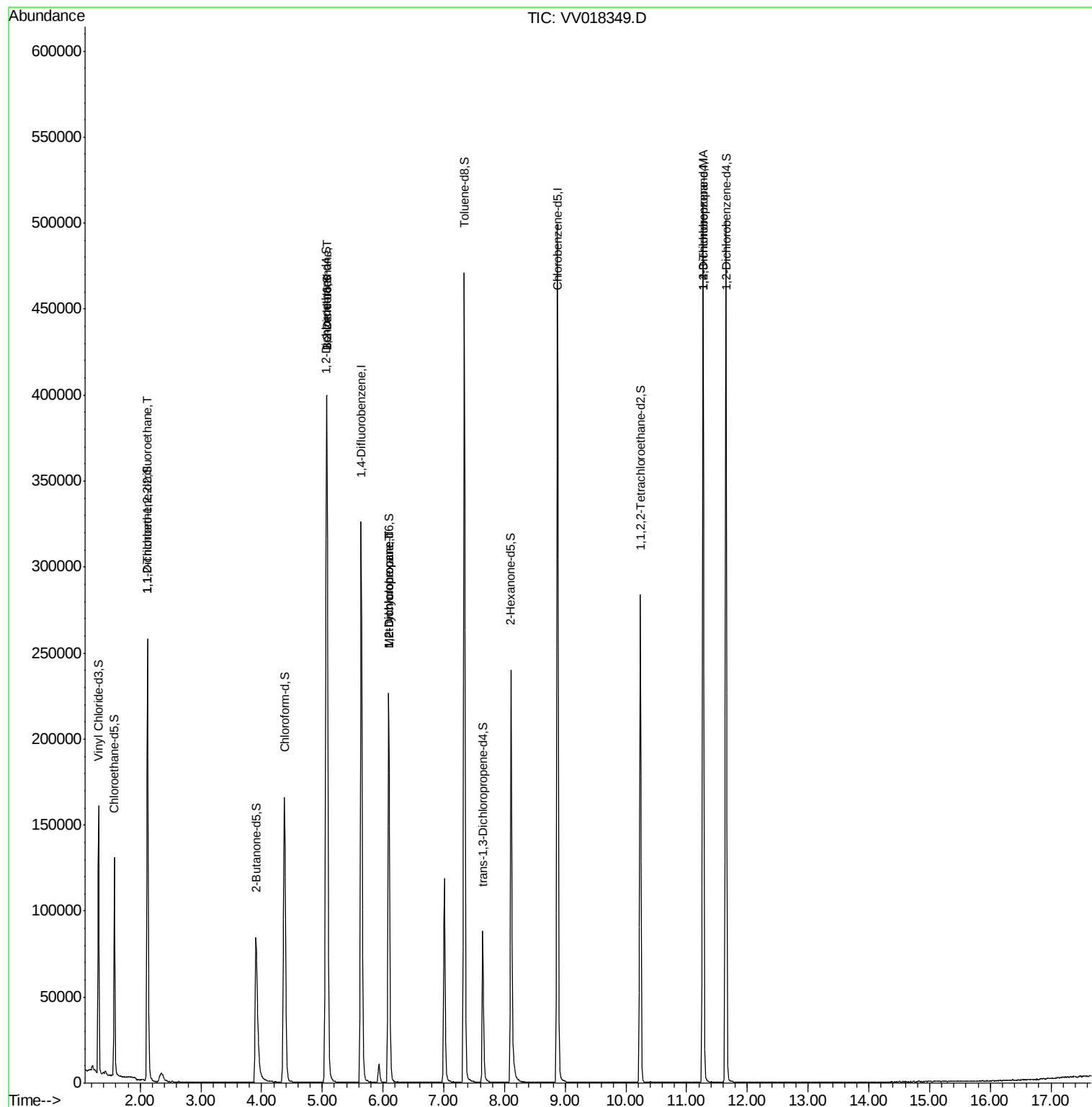
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1222	0.661 ug/L #	19
27) 1,2-Dichloroethane	5.08	62	2122	0.770 ug/L #	74
35) Methylcyclohexane	6.09	83	26365	8.226 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12123	5.855 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	14616	6.001 ug/L	92

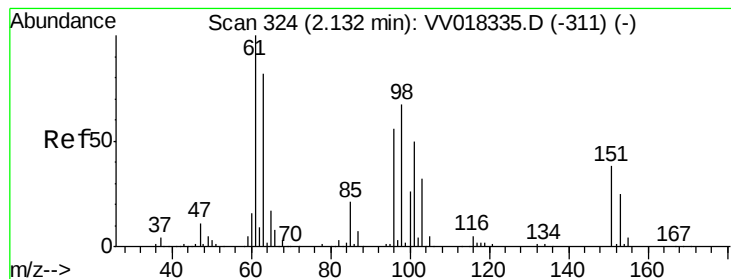
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.661 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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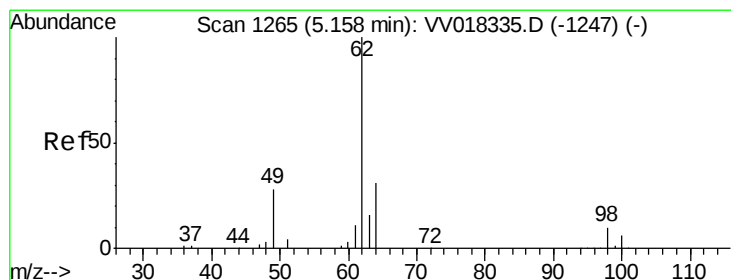
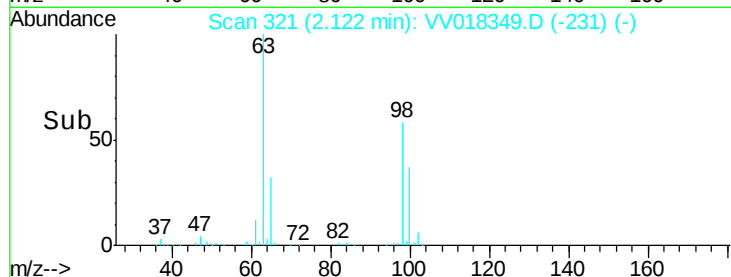
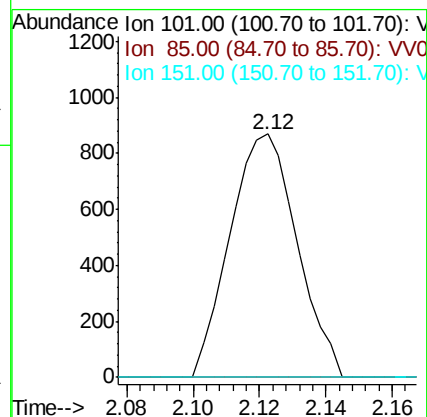
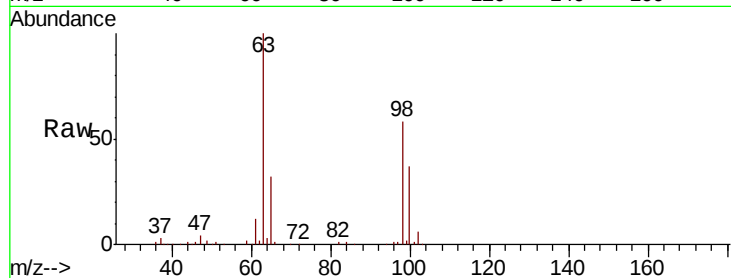
Tot Ion:101 Resp: 1222

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#



#27

1,2-Dichloroethane

Concen: 0.770 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV018349.D

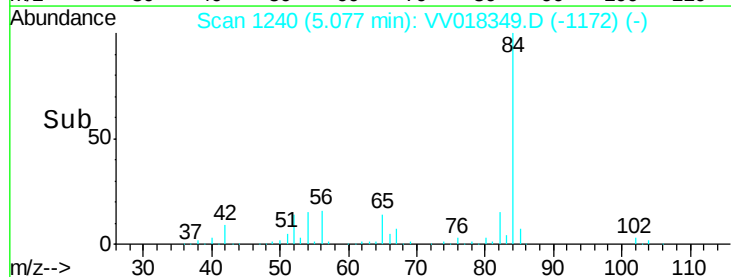
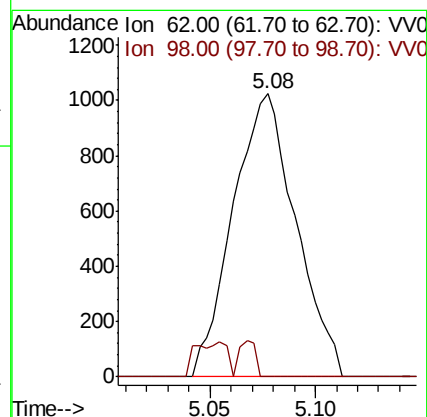
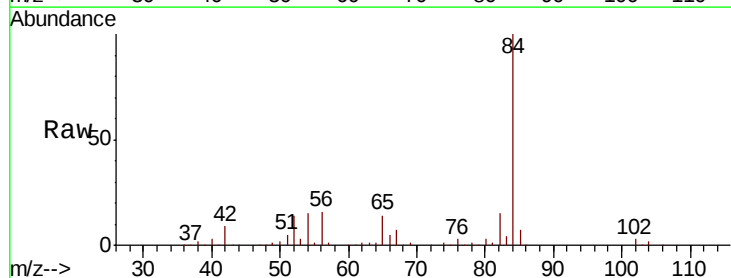
Acq: 19 Sep 2020 01:39

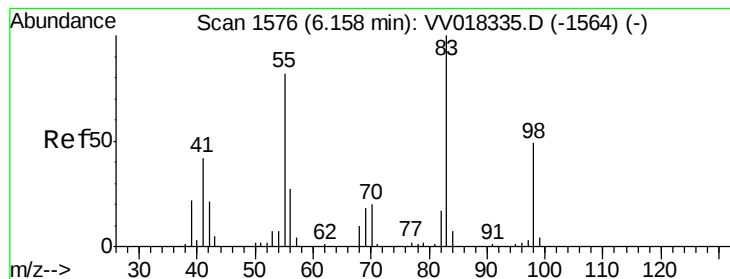
Tgt Ion: 62 Resp: 2122

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#





#35

Methvlcvclohexane

Concen: 8.226 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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Instrument :

MSVOA_V

ClientSampleId :

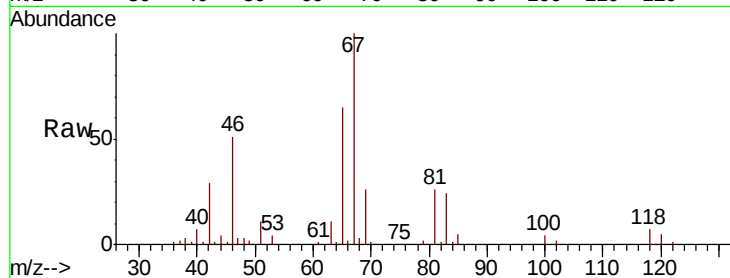
Tot Ion: 83 Resp: 26365

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

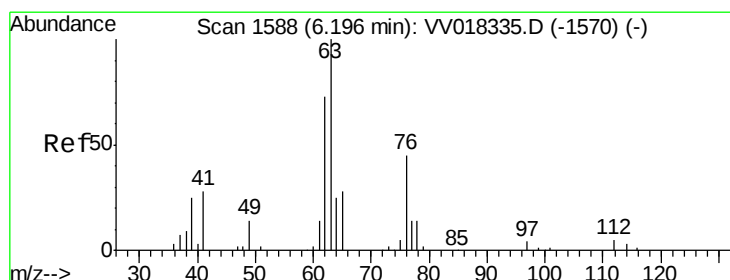
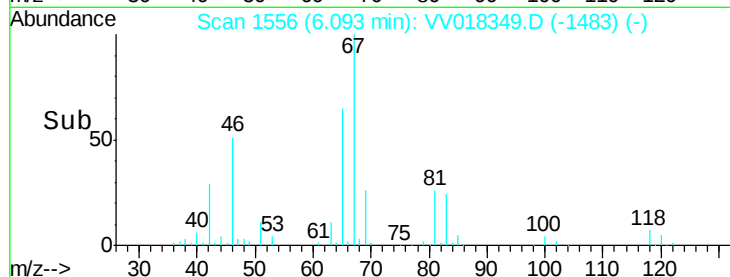
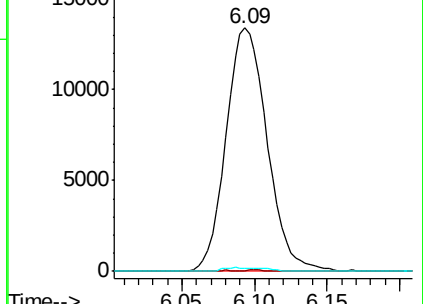
98 1.5 38.8 58.2#



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: 5.855 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018349.D

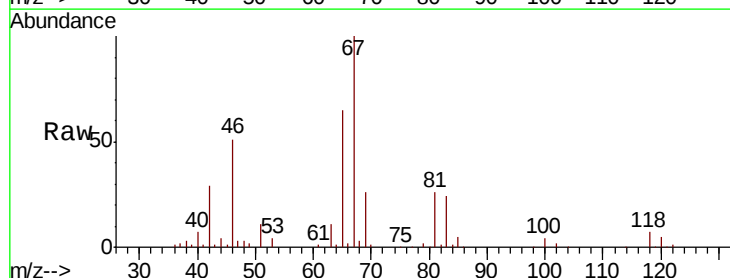
Acq: 19 Sep 2020 01:39

Tgt Ion: 63 Resp: 12123

Ion Ratio Lower Upper

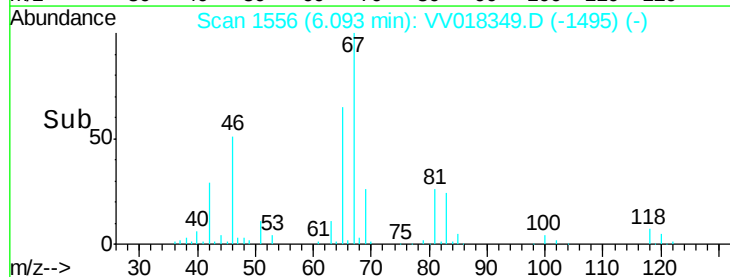
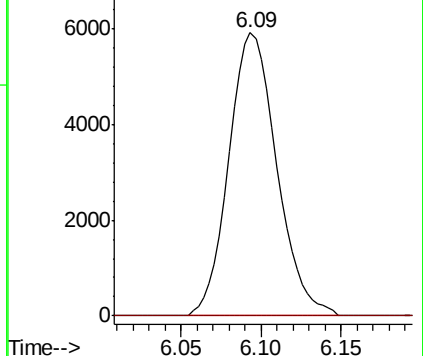
63 100

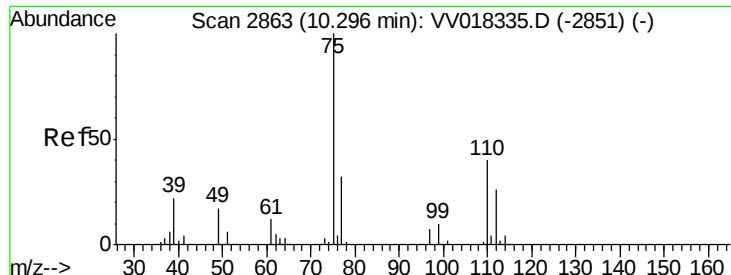
112 0.0 3.4 5.2#



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: 6.001 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018349.D

Acq: 19 Sep 2020 01:39

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 14616

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.6

