

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018241.D
 Acq On : 16 Sep 2020 17:18
 Operator : SY/MD
 Sample : L4043-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301886	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145069	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97161	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.98%
7) Chloroethane-d5	1.58	69	78959	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.12	63	138316	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	3.92	46	118045	78.39	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.39%
24) Chloroform-d	4.38	84	169654	39.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.50%
26) 1,2-Dichloroethane-d4	5.06	65	110833	40.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.02%
32) Benzene-d6	5.08	84	339630	39.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.54%
36) 1,2-Dichloropropane-d6	6.09	67	108937	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.28%
41) Toluene-d8	7.34	98	306167	38.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.70%#
43) trans-1,3-Dichloropropene-	7.64	79	52779	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.60%
47) 2-Hexanone-d5	8.11	63	87049	83.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143424	41.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	128357	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%

Target Compounds

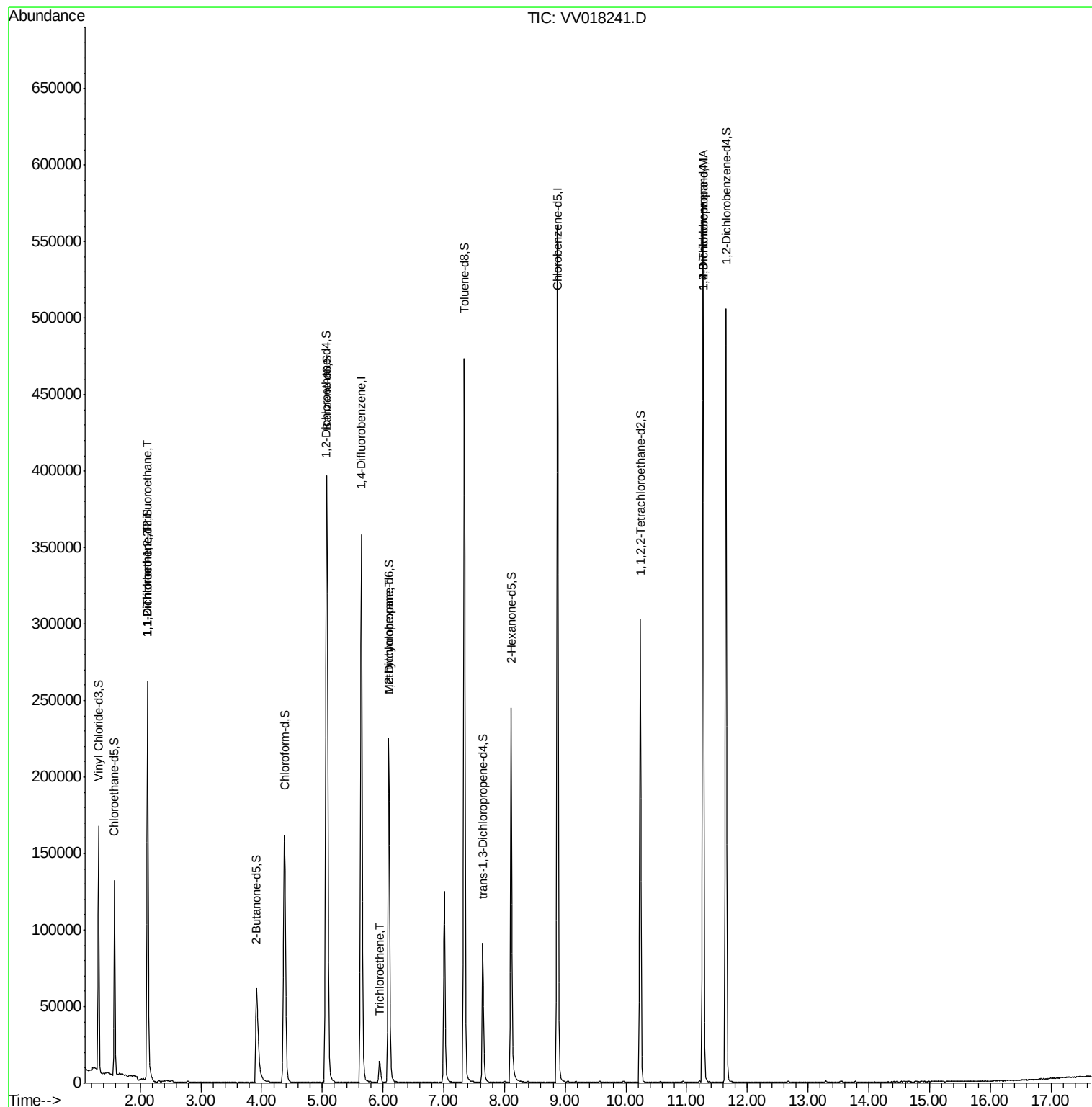
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1537	0.754 ug/L #	29
12) 1,1-Dichloroethene	2.12	96	1647	0.831 ug/L #	1
34) Trichloroethene	5.95	95	5004	2.127 ug/L	98
35) Methylcyclohexane	6.09	83	26259	7.412 ug/L #	19
59) 1,2,3-Trichloropropane	11.27	75	16674	6.194 ug/L	92

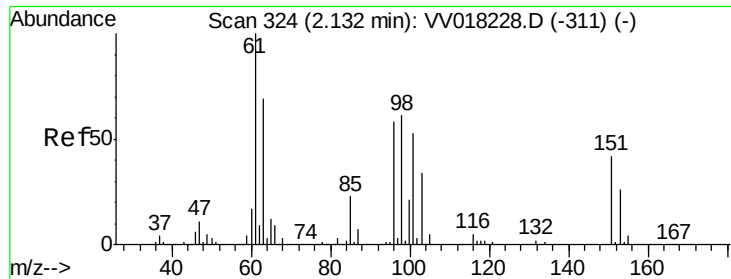
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.754 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018241.D

Acq: 16 Sep 2020 17:18

Instrument :

MSVOA_V

ClientSampled :

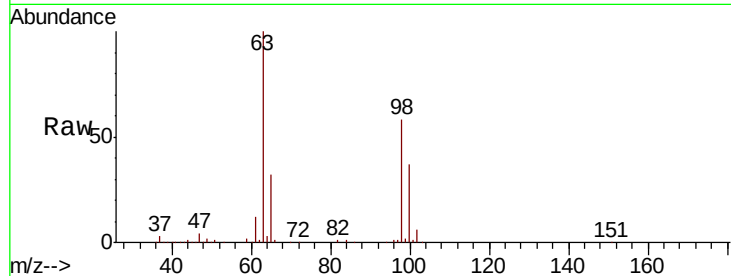
Tot Ion:101 Resp: 1537

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

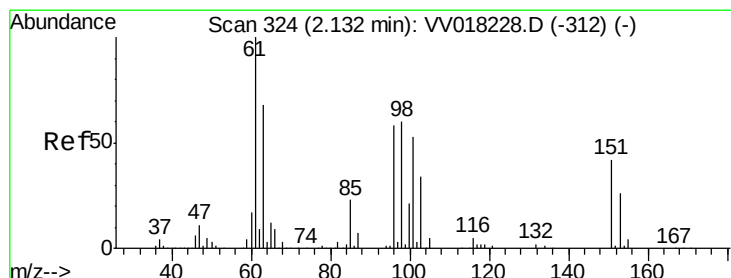
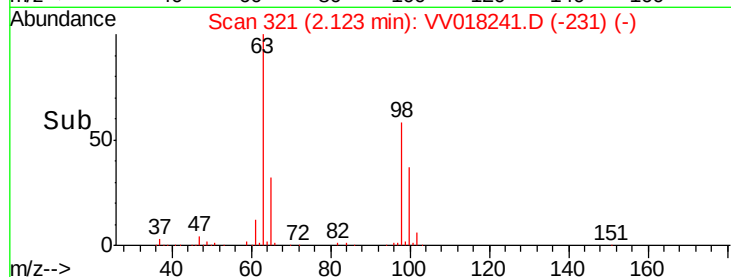
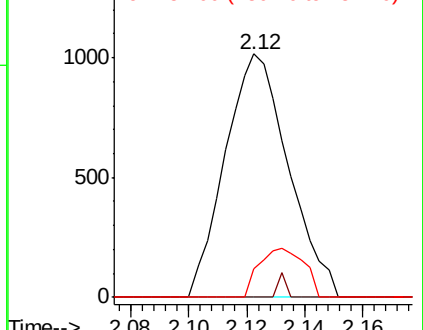
151 14.3 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.831 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018241.D

Acq: 16 Sep 2020 17:18

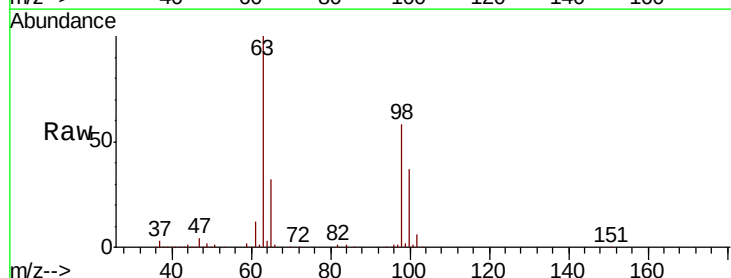
Tgt Ion: 96 Resp: 1647

Ion Ratio Lower Upper

96 100

61 1149.3 122.9 228.3#

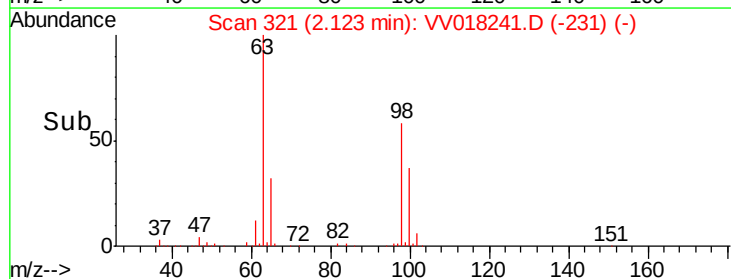
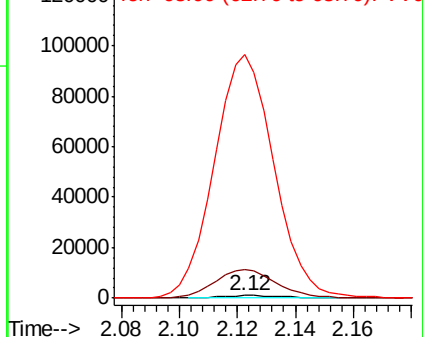
63 9624.8 91.9 170.7#

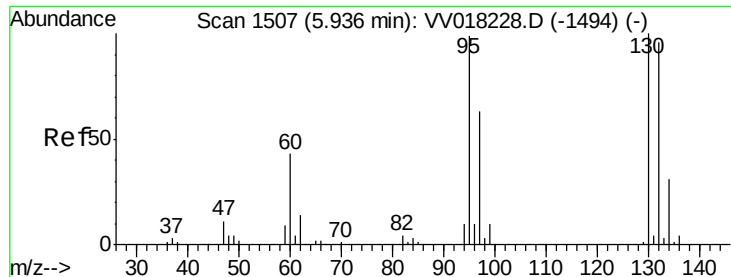


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 2.127 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018241.D

Acq: 16 Sep 2020 17:18

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 5004

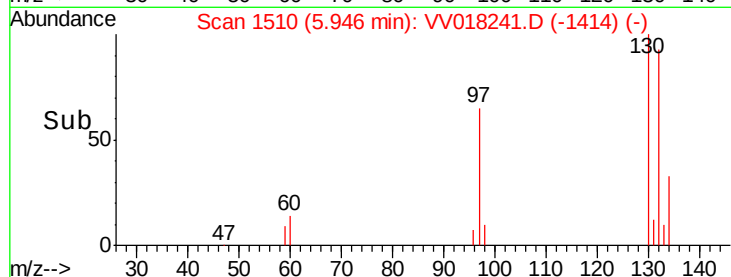
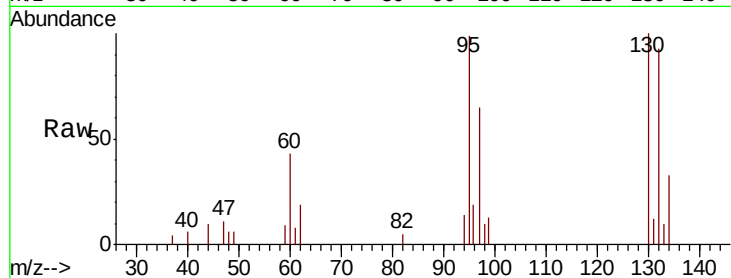
Ion Ratio Lower Upper

95 100

97 65.7 46.3 85.9

132 93.8 68.1 126.5

130 101.3 71.5 132.9

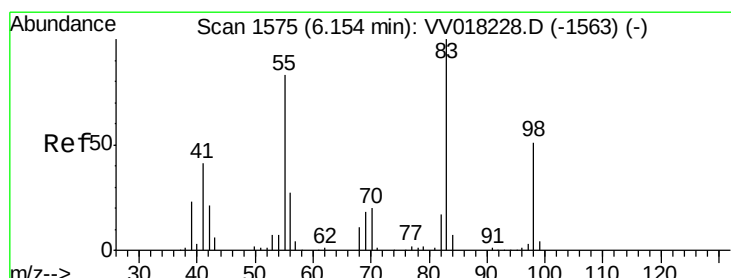
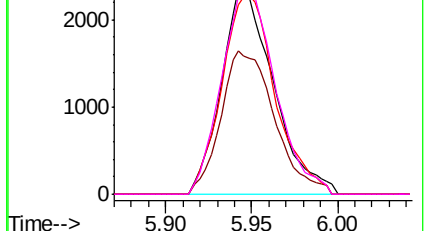


Abundance Ion 95.00 (94.70 to 95.70): VV018241.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018241.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018241.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018241.D (-1414) (-)



#35

Methylcyclohexane

Concen: 7.412 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018241.D

Acq: 16 Sep 2020 17:18

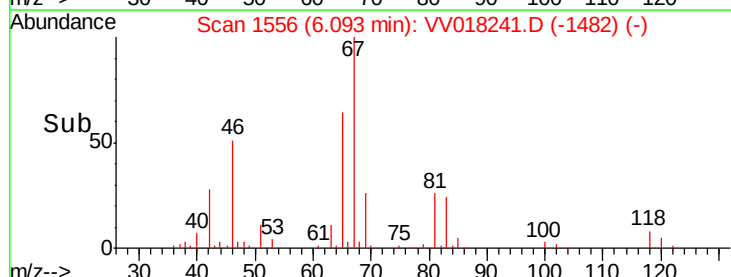
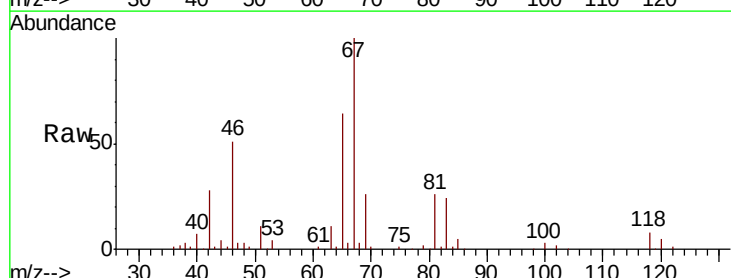
Tgt Ion: 83 Resp: 26259

Ion Ratio Lower Upper

83 100

55 1.3 63.4 95.2#

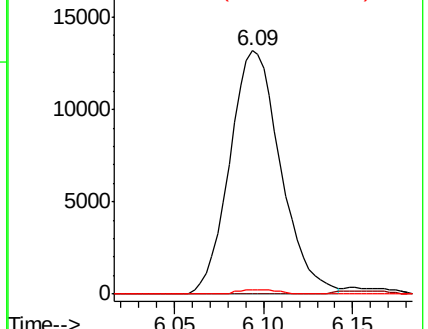
98 1.4 38.8 58.2#

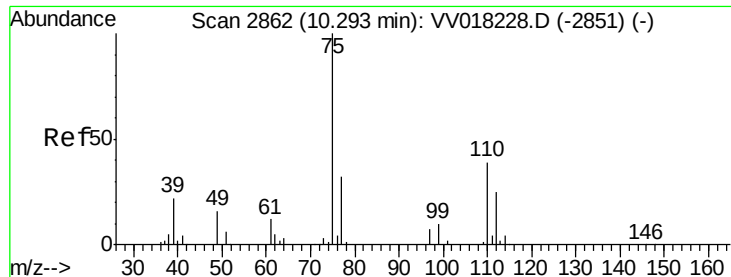


Abundance Ion 83.00 (82.70 to 83.70): VV018241.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV018241.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV018241.D (-1482) (-)





#59

1,2,3-Trichloropropane

Concen: 6.194 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018241.D

Acq: 16 Sep 2020 17:18

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16674

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.6

