

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017156.D
 Acq On : 26 Jun 2020 03:35
 Operator : SY/MD
 Sample : L3068-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F29

Quant Time: Jun 26 05:16:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163894	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163331	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47255	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	39660	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.13	63	71318	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.92	46	113999	45.47	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	4.38	84	101282	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	55572	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.08	84	188044	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.10	67	56408	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.34	98	165594	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
45) trans-1,3-Dichloropropene-	7.64	79	20267	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
48) 2-Hexanone-d5	8.11	63	79294	39.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39630	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	65295	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

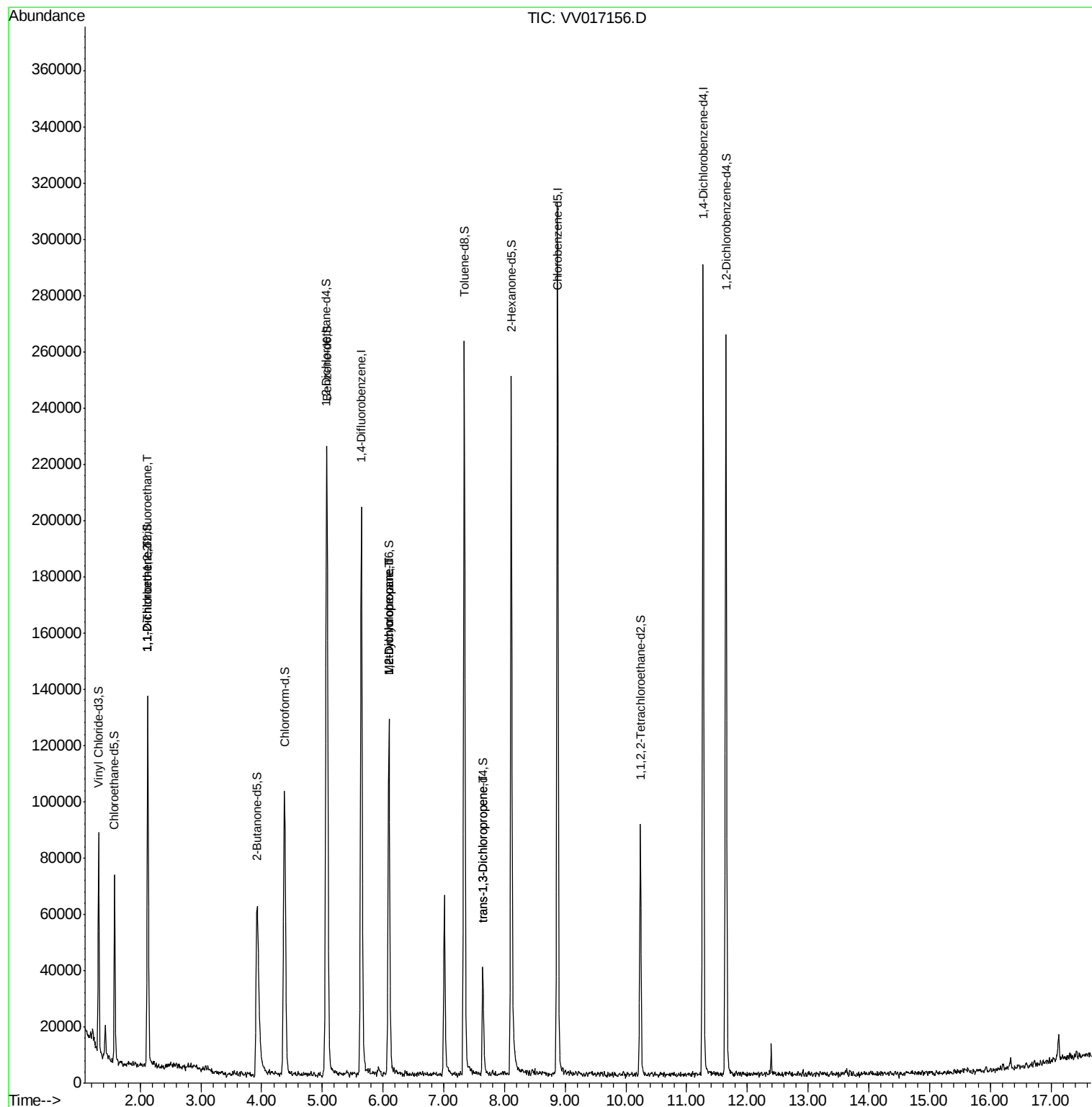
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	813	0.094 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	658	0.084 ug/L #	1
35) Methylcyclohexane	6.10	83	13847	0.711 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7090	0.670 ug/L #	87
46) trans-1,3-Dichloropropene	7.64	75	781	0.057 ug/L #	67

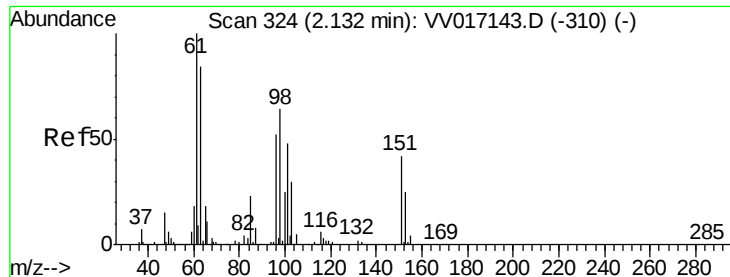
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.094 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017156.D

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F9F29

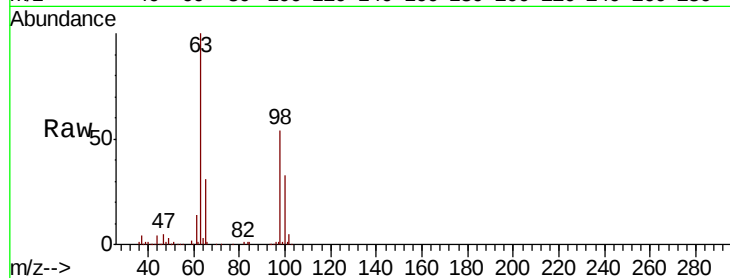
Tot Ion:101 Resp: 813

Ion Ratio Lower Upper

101 100

85 6.2 35.4 53.2#

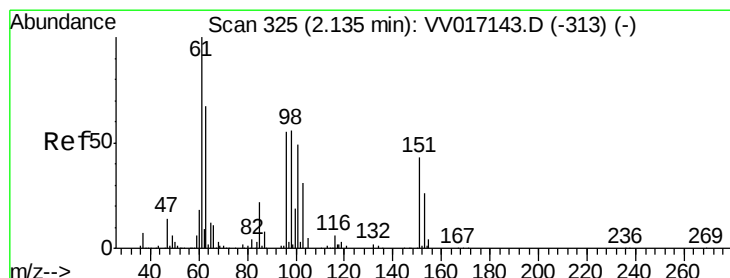
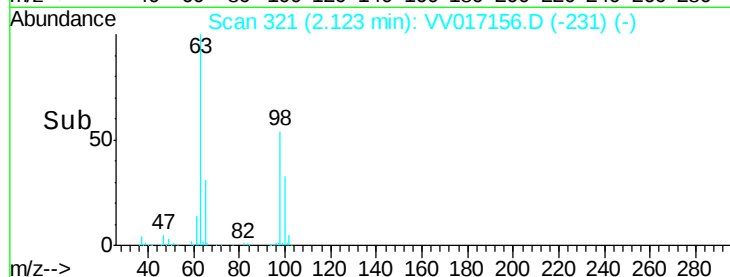
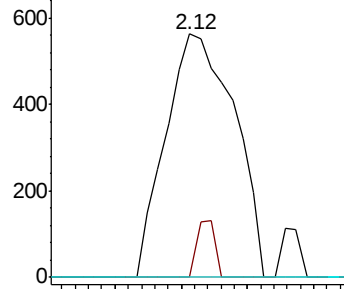
151 0.0 63.9 95.9#



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: 0.084 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV017156.D

Acq: 26 Jun 2020 03:35

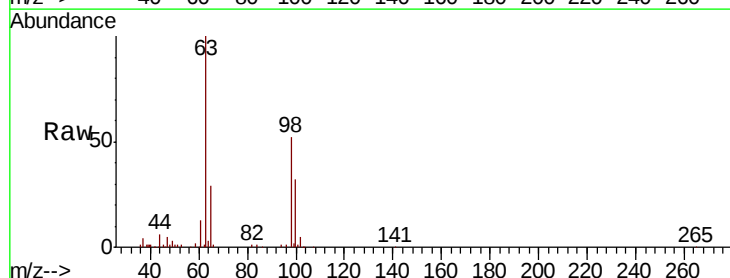
Tgt Ion: 96 Resp: 658

Ion Ratio Lower Upper

96 100

61 1002.1 125.0 232.2#

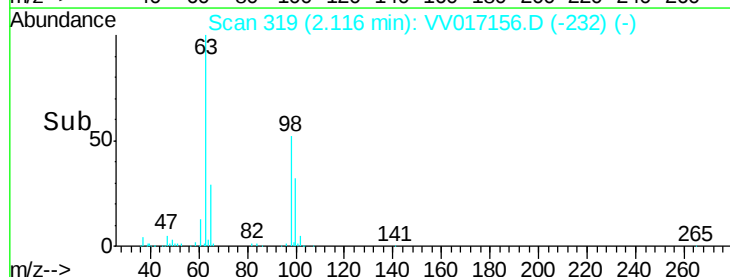
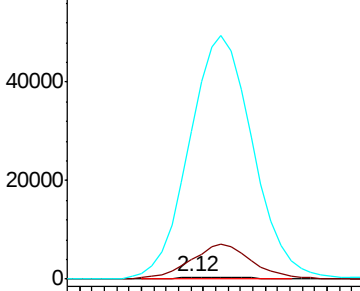
63 7751.9 109.8 203.8#

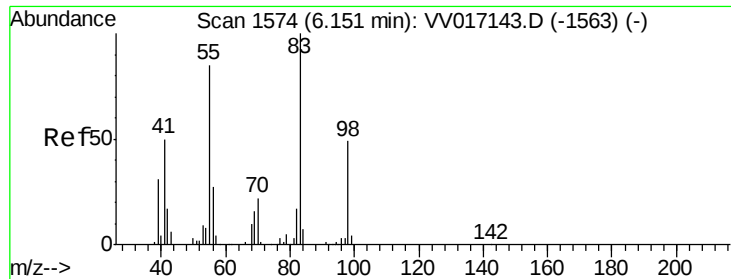


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

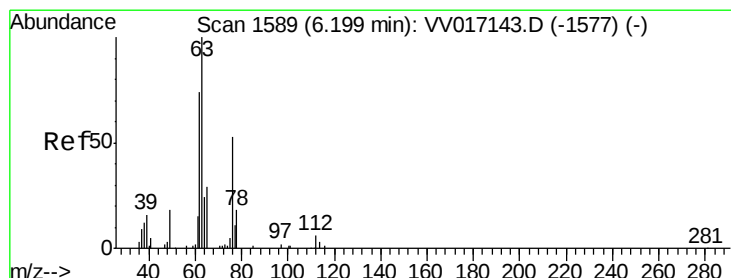
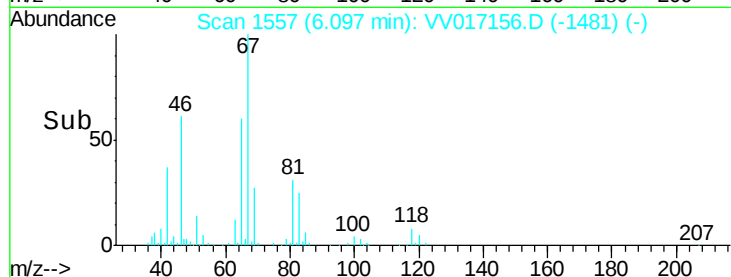
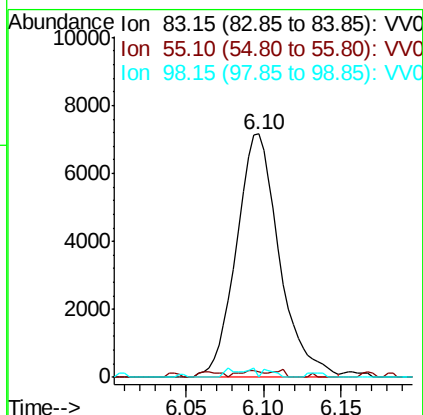
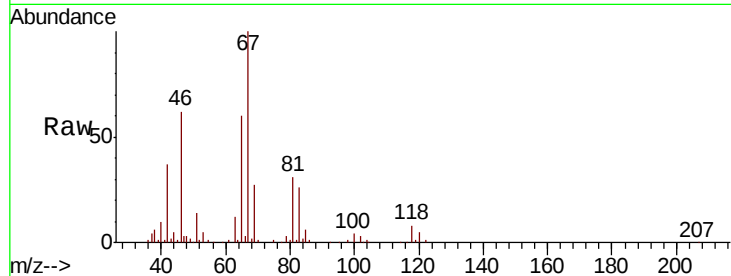




#35
Methvlcvclohexane
Concen: 0.711 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017156.D
Acq: 26 Jun 2020 03:35

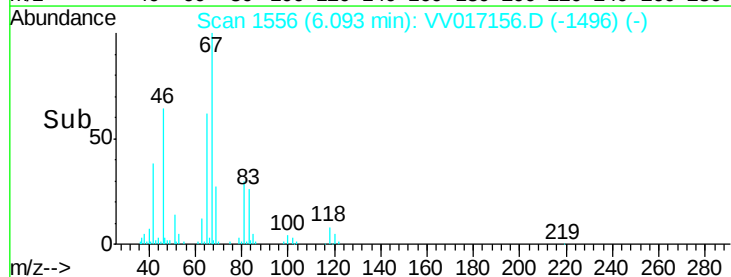
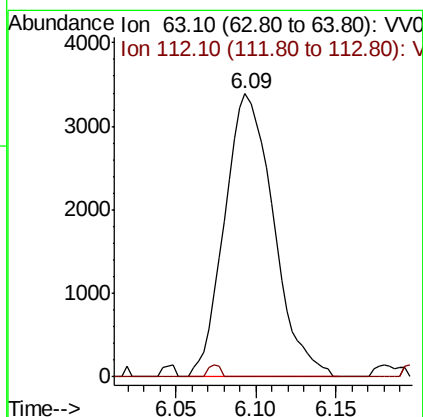
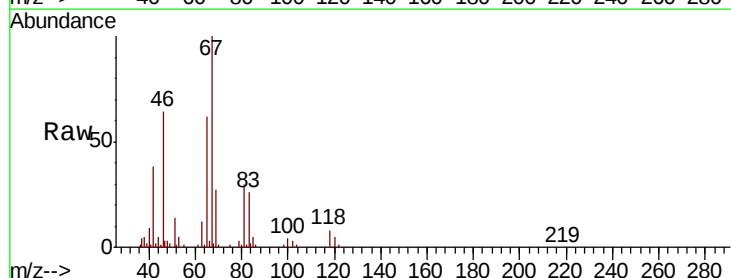
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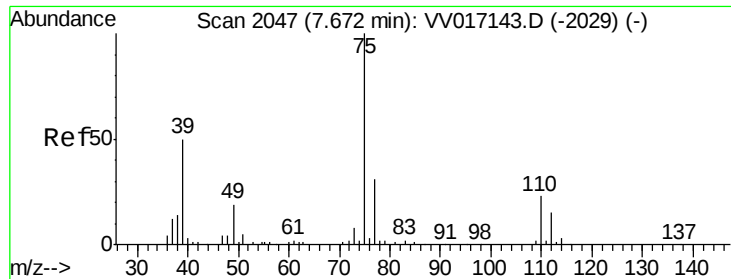
Tot Ion: 83 Resp: 13847
Ion Ratio Lower Upper
83 100
55 0.7 63.6 95.4#
98 1.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017156.D
Acq: 26 Jun 2020 03:35

Tgt Ion: 63 Resp: 7090
Ion Ratio Lower Upper
63 100
112 1.1 4.4 6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017156.D

Acq: 26 Jun 2020 03:35

Instrument :

MSVOA_V

ClientSampleId :

F9F29

Tot Ion: 75 Resp: 781

Ion Ratio Lower Upper

75 100

77 49.9 22.3 41.3#

