

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017963.D
 Acq On : 13 Aug 2020 11:52
 Operator : SY/MD
 Sample : VV0813WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK78

Quant Time: Aug 14 04:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266890	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89142	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.56%
7) Chloroethane-d5	1.58	69	78436	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.16%
11) 1,1-Dichloroethene-d2	2.12	63	140677	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.90	46	127327	95.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.47%
24) Chloroform-d	4.38	84	177041	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	5.06	65	121654	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
32) Benzene-d6	5.08	84	354412	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
36) 1,2-Dichloropropane-d6	6.09	67	116271	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.34	98	318556	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.64	79	50246	46.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.46%
47) 2-Hexanone-d5	8.11	63	63524	83.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144336	46.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	132822	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

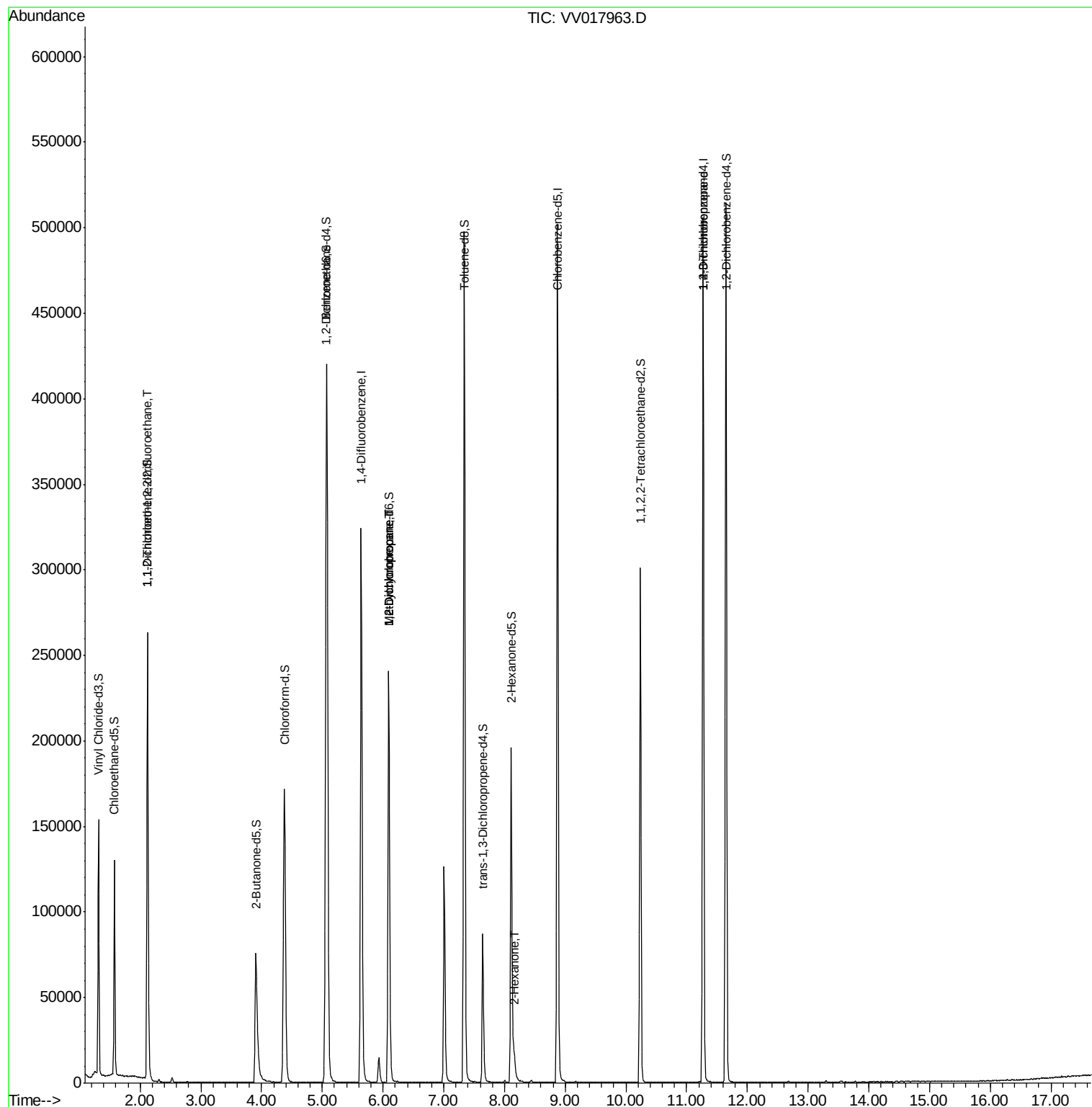
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1230	0.650 ug/L #	20
35) Methylcyclohexane	6.10	83	28031	8.762 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12909	5.815 ug/L #	87
48) 2-Hexanone	8.16	43	8480	3.624 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	15643	5.706 ug/L	95

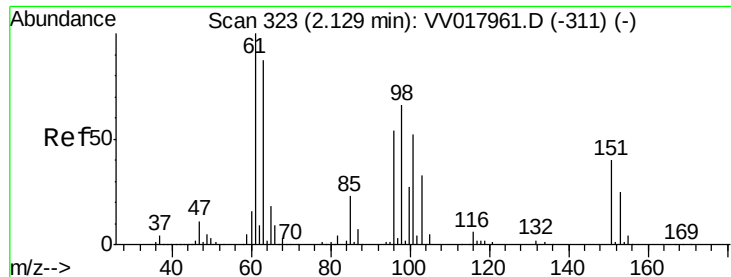
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.650 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017963.D

Acq: 13 Aug 2020 11:52

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MSVOA_V

ClientSampleId :

VBLK78

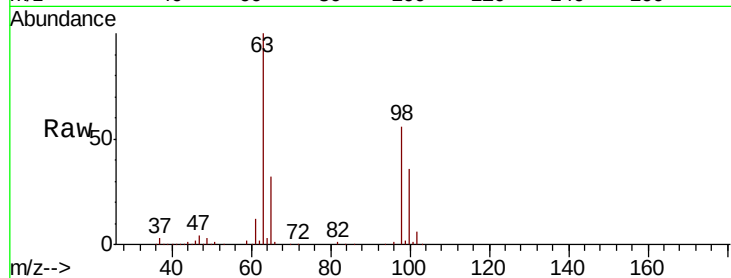
Tot Ion:101 Resp: 1230

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

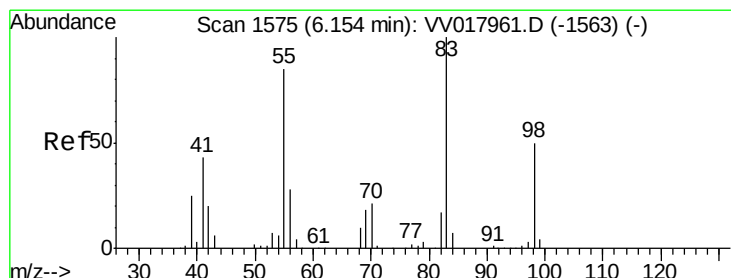
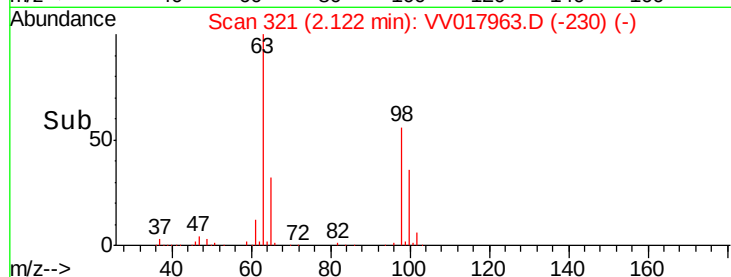
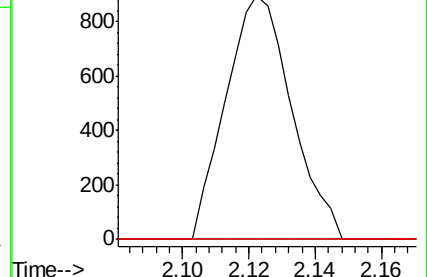
151 0.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): VV017961.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017961.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017961.D (-311) (-)



#35

Methylcyclohexane

Concen: 8.762 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV017963.D

Acq: 13 Aug 2020 11:52

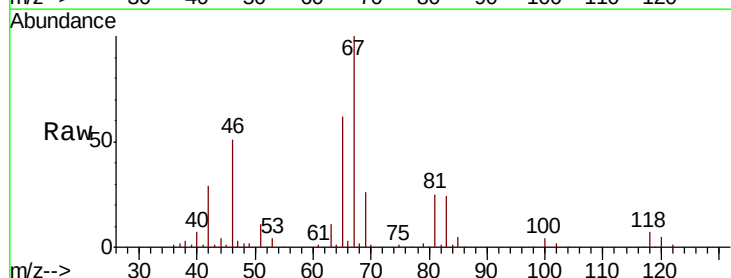
Tgt Ion: 83 Resp: 28031

Ion Ratio Lower Upper

83 100

55 0.2 64.9 97.3#

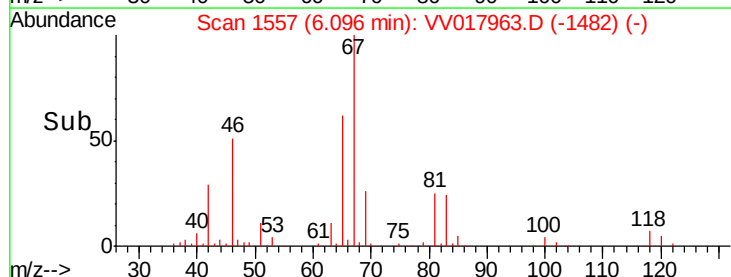
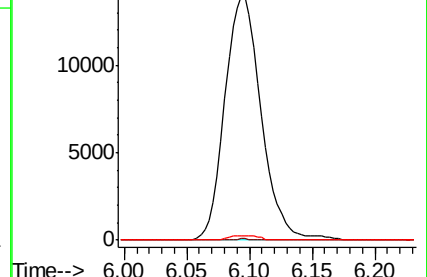
98 1.4 38.7 58.1#

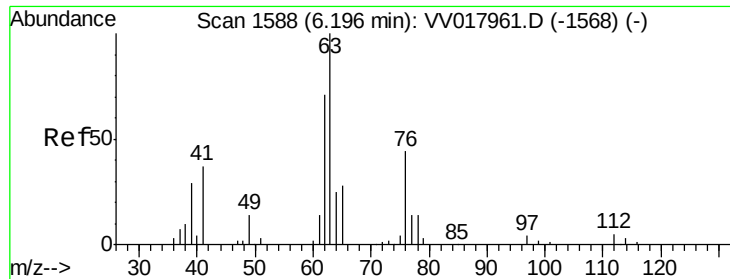


Abundance Ion 83.00 (82.70 to 83.70): VV017961.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV017961.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV017961.D (-1563) (-)

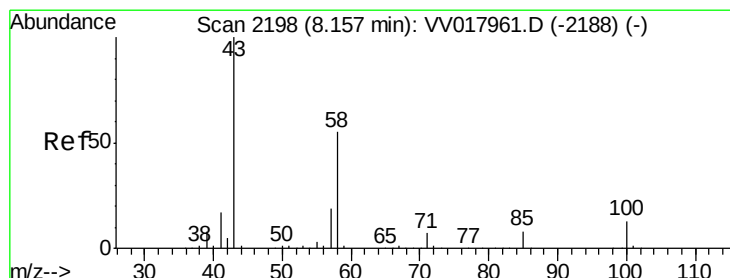
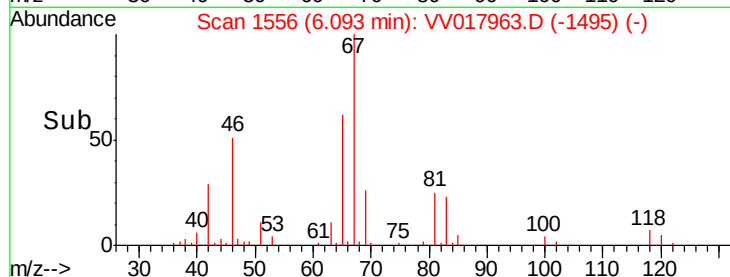
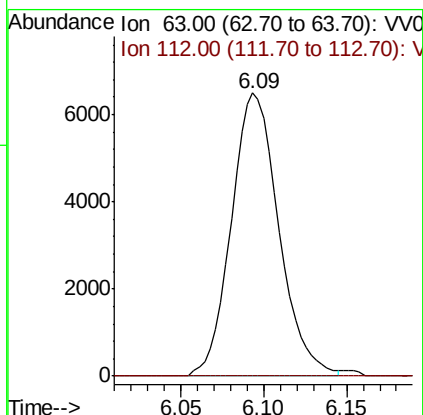
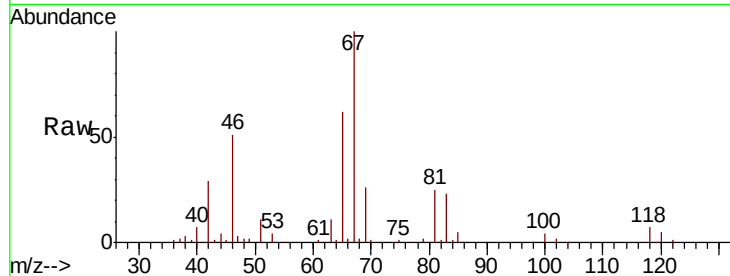




#37
 1,2-Dichloropropane
 Concen: 5.815 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017963.D
 Acq: 13 Aug 2020 11:52

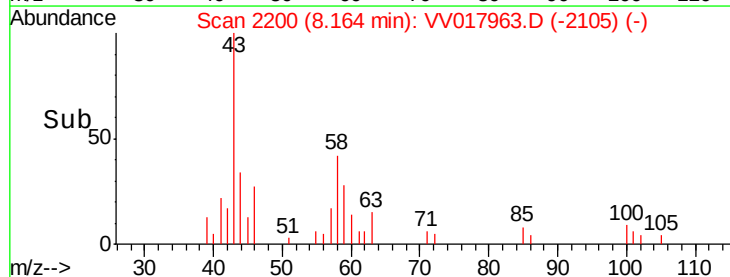
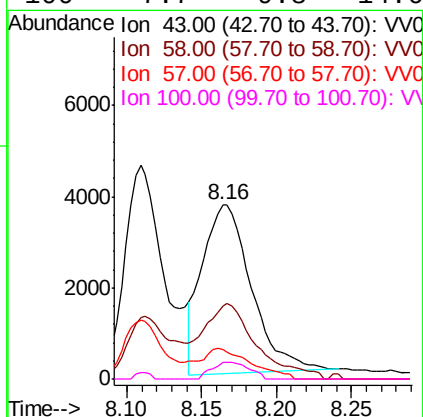
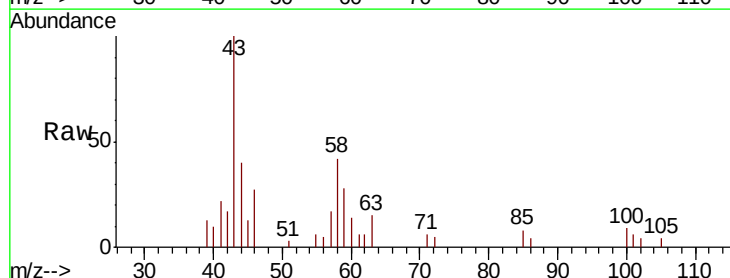
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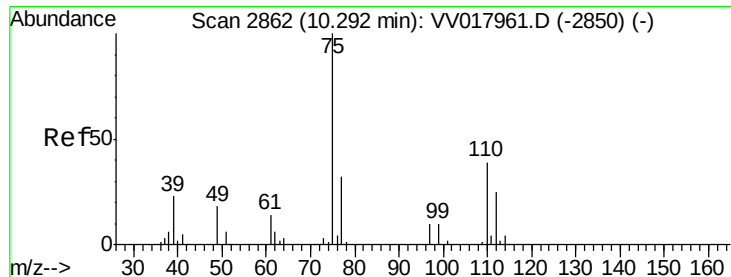
Tot Ion: 63 Resp: 12909
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 3.624 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV017963.D
 Acq: 13 Aug 2020 11:52

Tgt Ion: 43 Resp: 8480
 Ion Ratio Lower Upper
 43 100
 58 46.1 44.4 66.6
 57 16.6 15.2 22.8
 100 7.7 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.706 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017963.D

Acq: 13 Aug 2020 11:52

Instrument :

MSVOA_V

ClientSampleId :

VBLK78

Tot Ion: 75 Resp: 15643

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5

