

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016969.D
 Acq On : 18 Jun 2020 11:17
 Operator : SY/MD
 Sample : L3039-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M19

Quant Time: Jun 19 04:35:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	314249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104865	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.58%
7) Chloroethane-d5	1.58	69	79112	59.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.92%
11) 1,1-Dichloroethene-d2	2.12	63	159194	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
21) 2-Butanone-d5	3.90	46	181833	110.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.79%
24) Chloroform-d	4.37	84	254835	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.04%
26) 1,2-Dichloroethane-d4	5.05	65	183531	59.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.68%
32) Benzene-d6	5.07	84	499312	57.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.86%
36) 1,2-Dichloropropane-d6	6.09	67	154459	56.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.98%
41) Toluene-d8	7.33	98	462303	57.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.88%
43) trans-1,3-Dichloropropene-	7.64	79	82305	58.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.62%
47) 2-Hexanone-d5	8.10	63	100109	84.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	179002	49.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	196827	60.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.78%#

Target Compounds

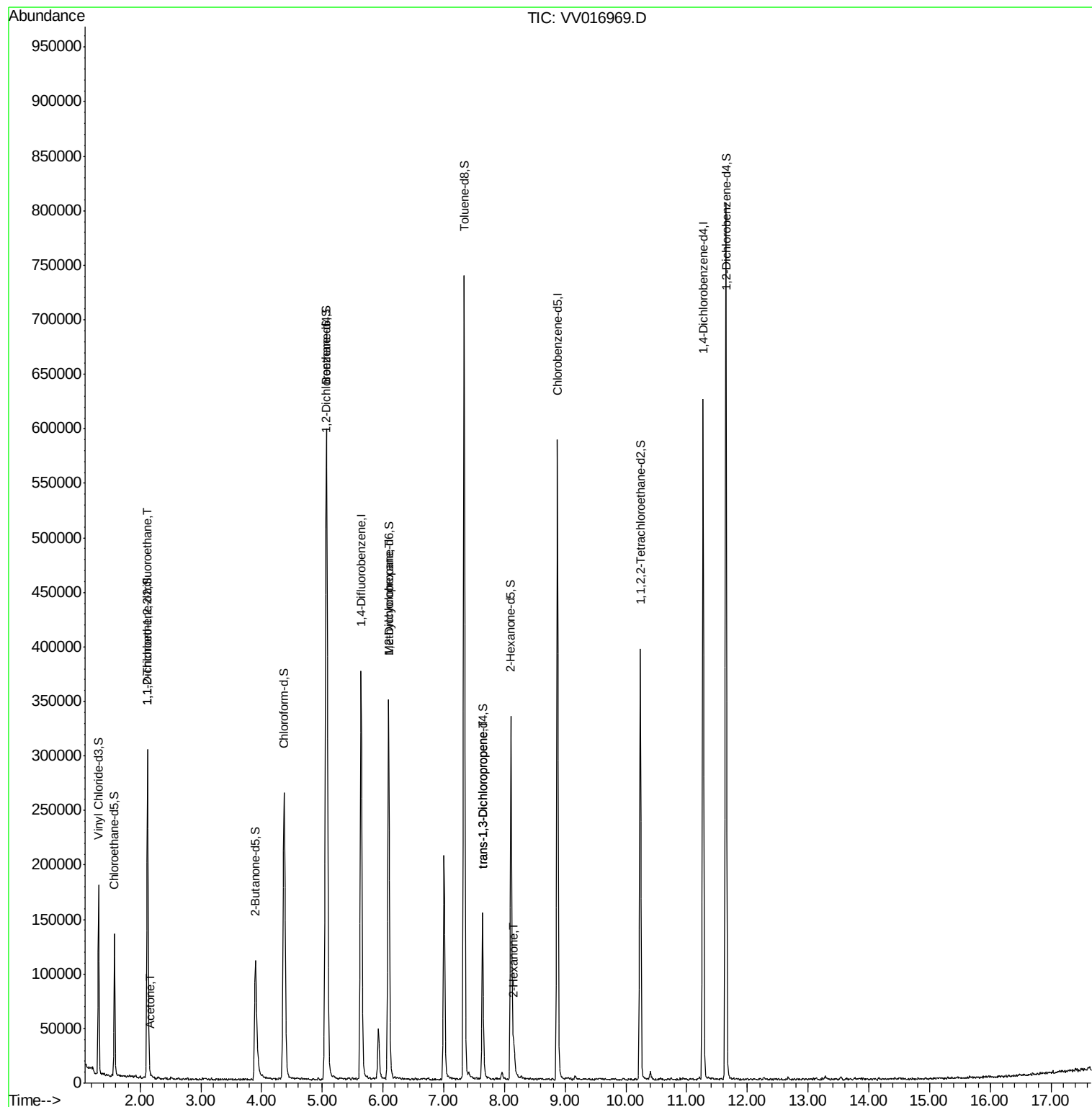
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1522	0.911 ug/L #	21
13) Acetone	2.18	43	1944	1.798 ug/L	97
35) Methylcyclohexane	6.09	83	39149	10.426 ug/L #	17
44) trans-1,3-Dichloropropene	7.64	75	3954	1.128 ug/L	86
48) 2-Hexanone	8.16	43	15972	6.264 ug/L #	84

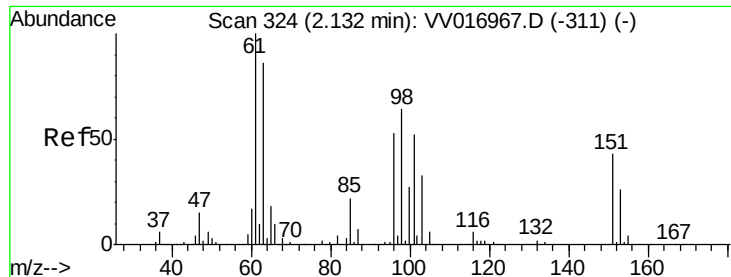
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.911 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016969.D

Acq: 18 Jun 2020 11:17

Instrument :

MSVOA_V

ClientSampled :

F9M19

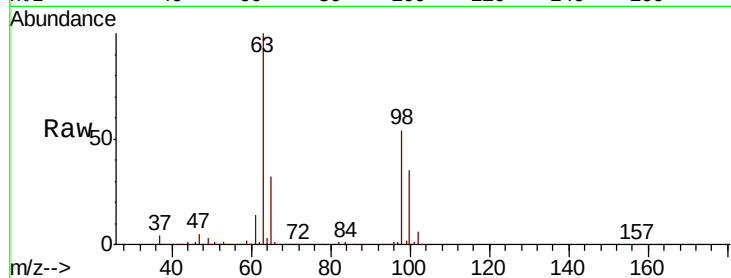
Tot Ion:101 Resp: 1522

Ion Ratio Lower Upper

101 100

85 7.2 35.5 53.3#

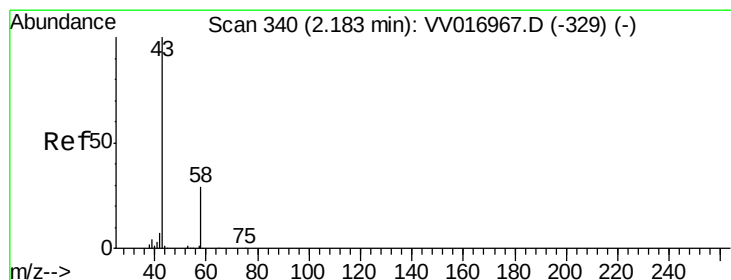
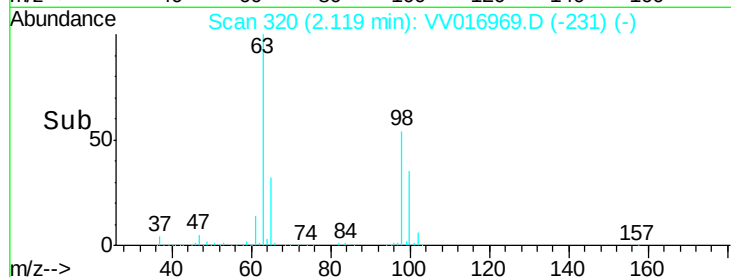
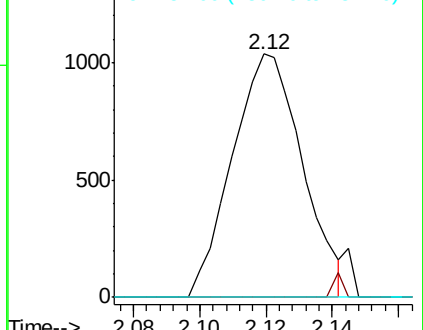
151 0.0 63.9 95.9#



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



#13

Acetone

Concen: 1.798 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV016969.D

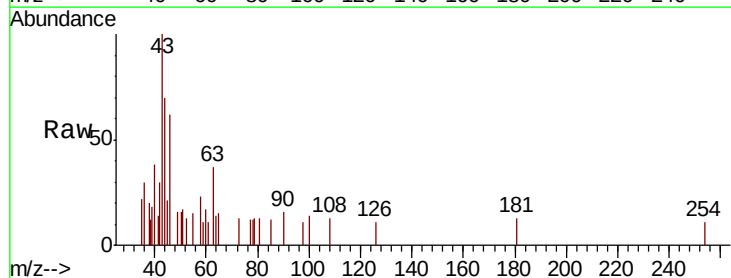
Acq: 18 Jun 2020 11:17

Tgt Ion: 43 Resp: 1944

Ion Ratio Lower Upper

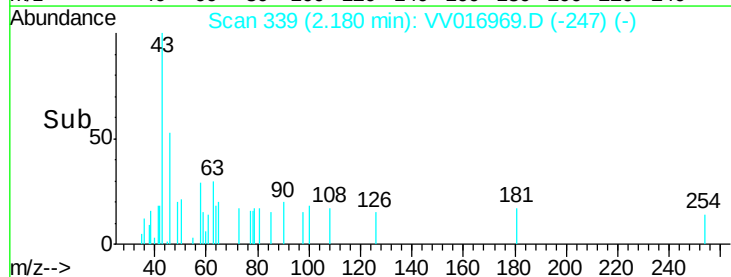
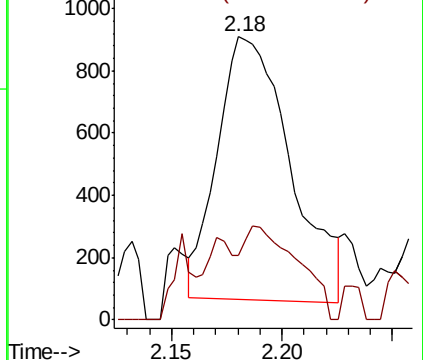
43 100

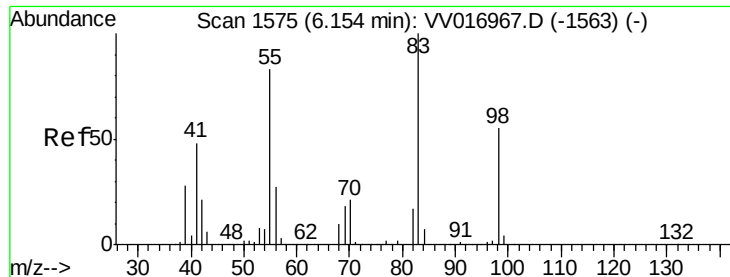
58 25.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

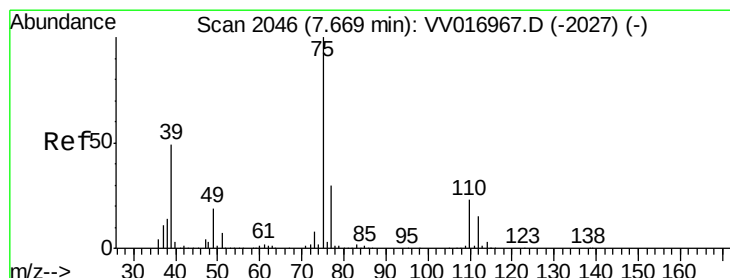
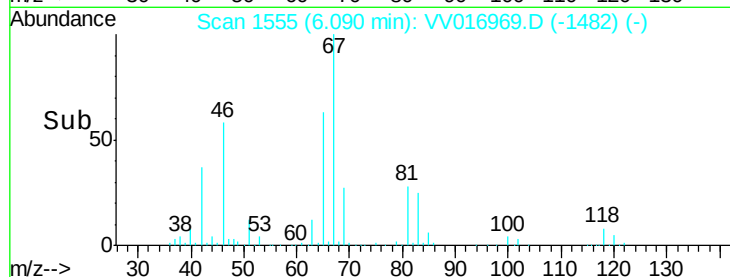
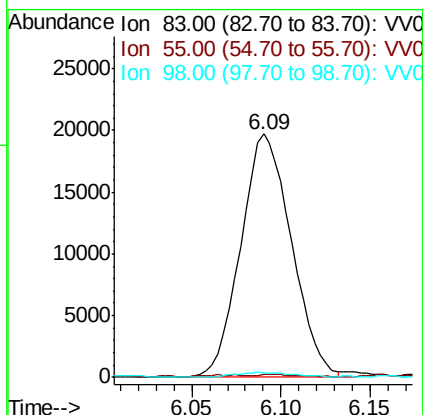
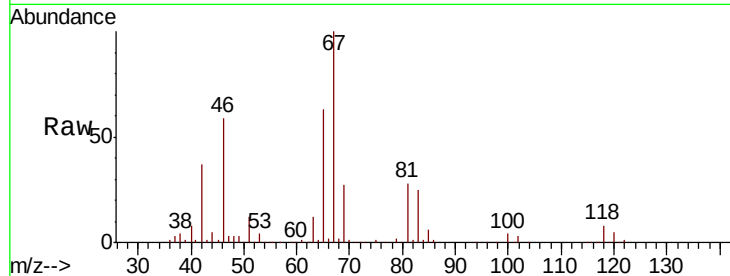




#35
Methylvlcyclohexane
Concen: 10.426 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV016969.D
Acq: 18 Jun 2020 11:17

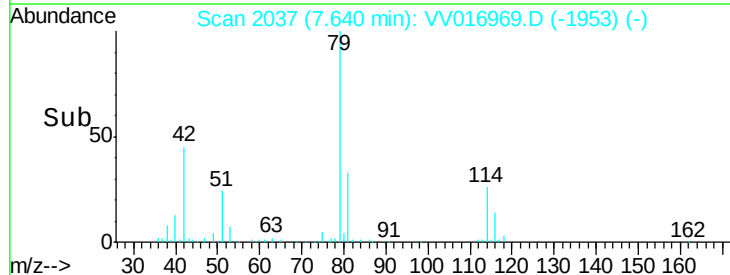
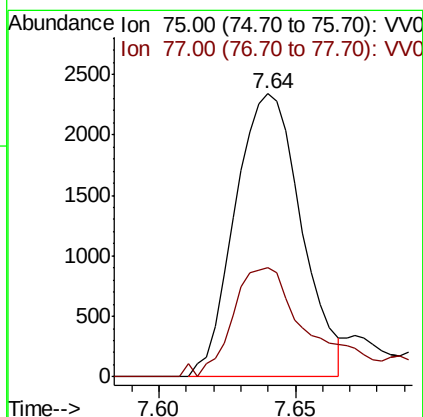
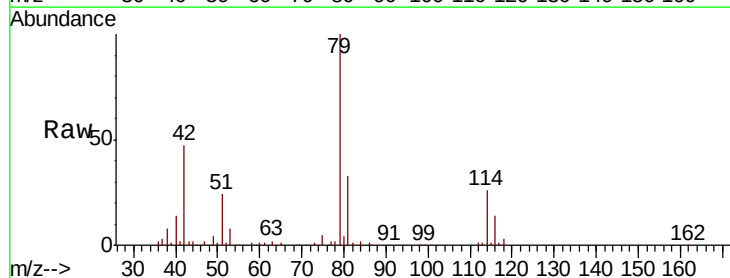
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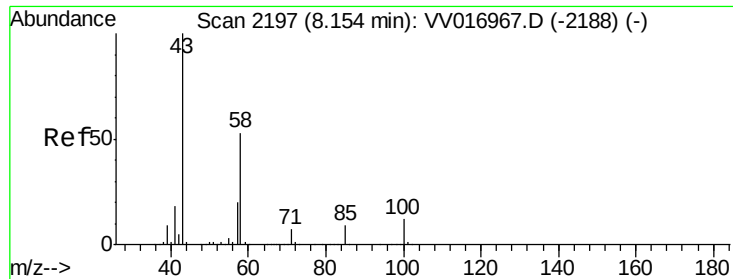
Tot Ion: 83 Resp: 39149
Ion Ratio Lower Upper
83 100
55 0.6 64.2 96.2#
98 1.3 40.3 60.5#



#44
trans-1,3-Dichloropropene
Concen: 1.128 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016969.D
Acq: 18 Jun 2020 11:17

Tgt Ion: 75 Resp: 3954
Ion Ratio Lower Upper
75 100
77 38.8 21.7 40.3





#48

2-Hexanone

Concen: 6.264 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV016969.D

Acq: 18 Jun 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

F9M19

Tot Ion: 43 Resp: 15972

Ion Ratio Lower Upper

43 100

58 42.9 43.1 64.7#

57 12.0 15.3 22.9#

100 3.7 10.0 15.0#

