

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV016997.D
 Acq On : 19 Jun 2020 13:54
 Operator : SY/MD
 Sample : L3074-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M23

Quant Time: Jun 20 02:06:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340295	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113021	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.14%
7) Chloroethane-d5	1.58	69	75417	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.68%
11) 1,1-Dichloroethene-d2	2.12	63	164368	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
21) 2-Butanone-d5	3.91	46	168665	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.38	84	244347	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	5.06	65	171746	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.07	84	467544	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
36) 1,2-Dichloropropane-d6	6.09	67	144839	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.34	98	425253	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	7.64	79	71480	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.11	63	90984	72.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	155303	40.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	173688	53.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.08%

Target Compounds

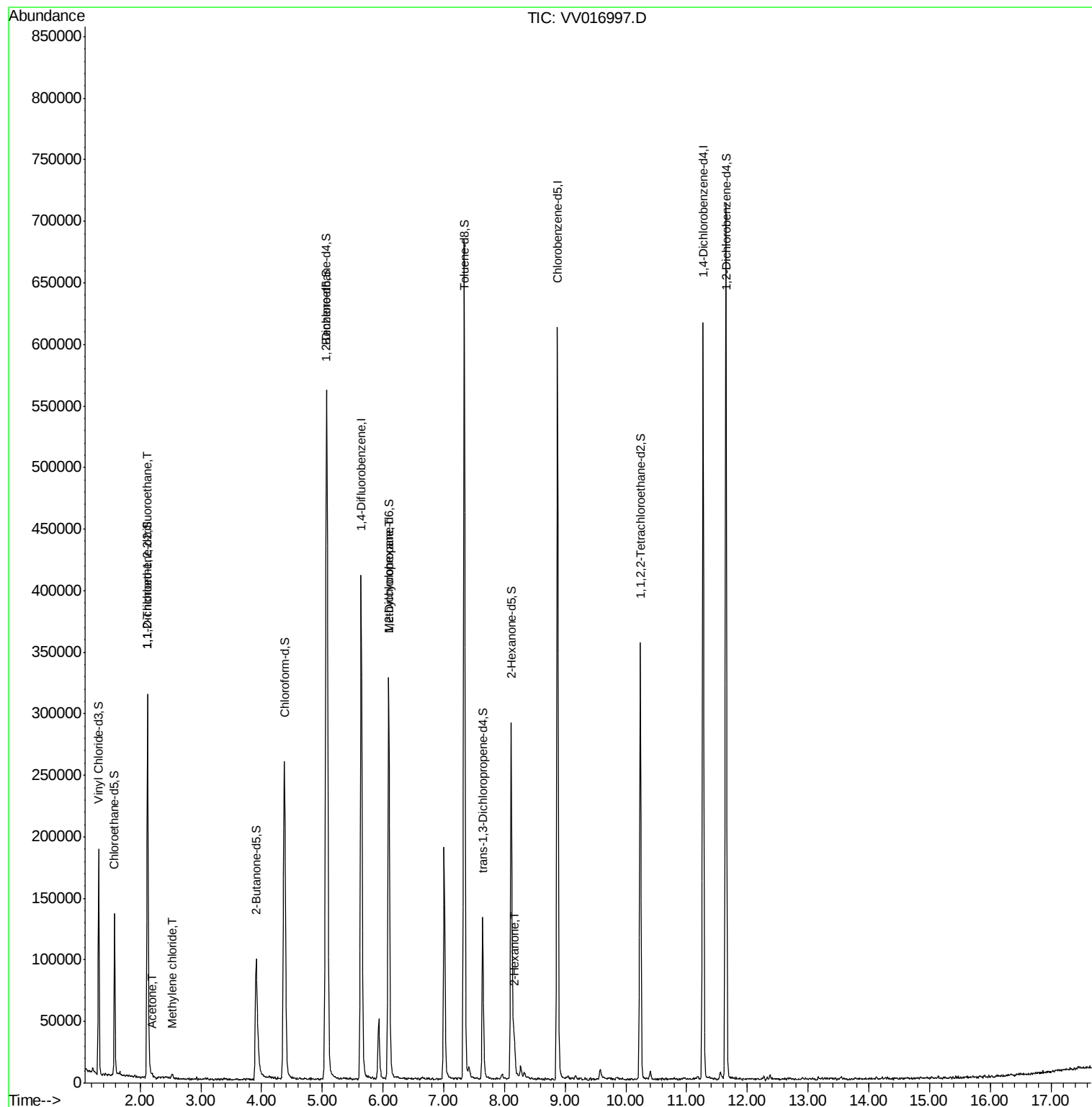
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1931	1.067 ug/L #	23
13) Acetone	2.20	43	3770	3.220 ug/L	96
16) Methylene chloride	2.53	84	1712	0.691 ug/L	80
35) Methylcyclohexane	6.10	83	36801	9.242 ug/L #	17
48) 2-Hexanone	8.16	43	19297	7.136 ug/L #	82

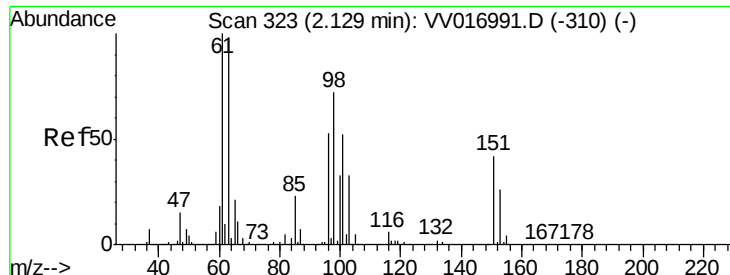
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.067 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016997.D

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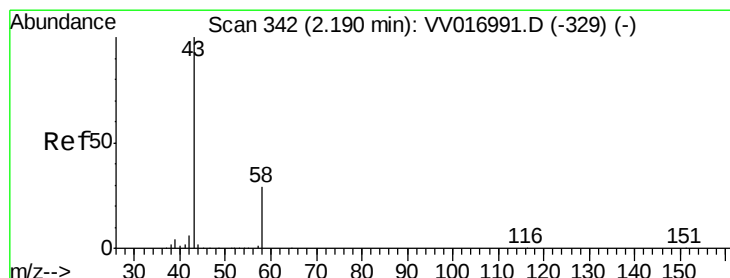
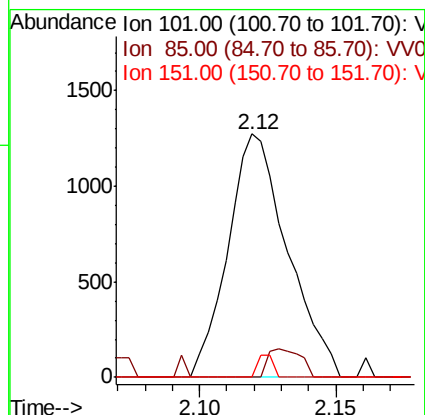
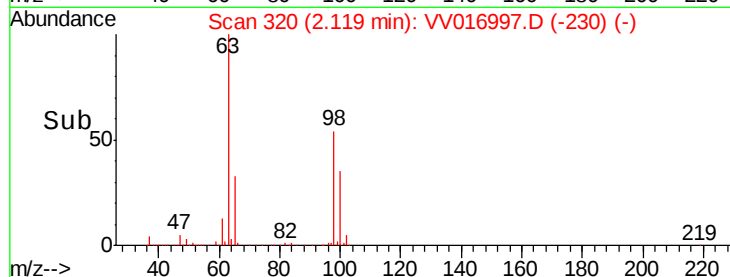
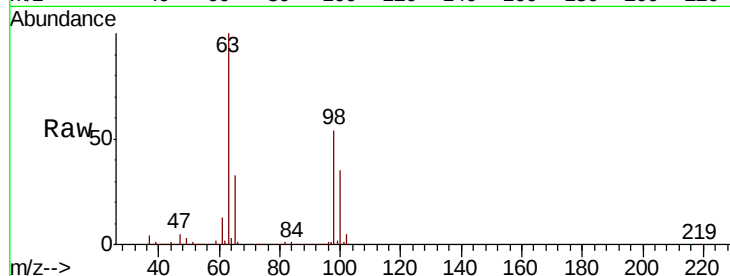
Tot Ion:101 Resp: 1931

Ion Ratio Lower Upper

101 100

85 6.5 35.5 53.3#

151 2.3 63.9 95.9#



#13

Acetone

Concen: 3.220 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV016997.D

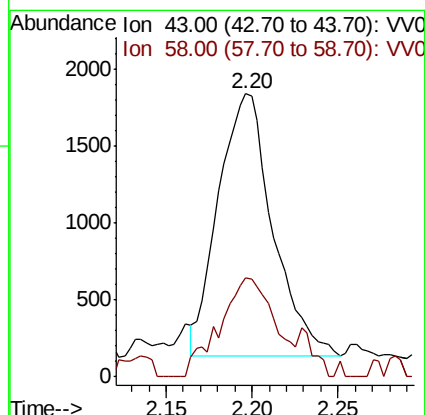
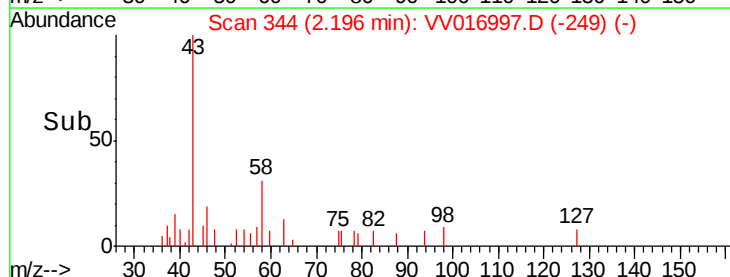
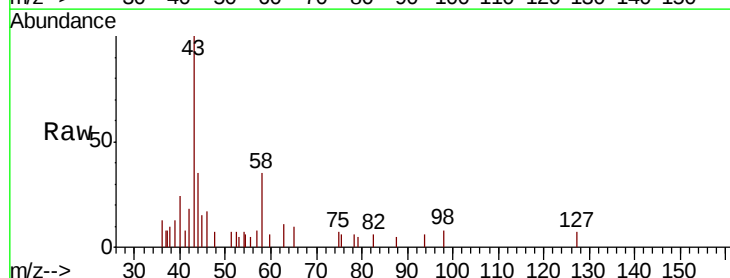
Acq: 19 Jun 2020 13:54

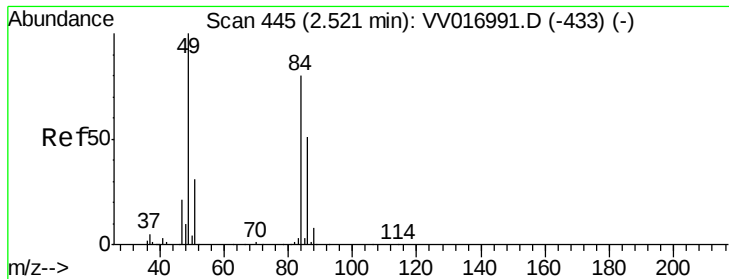
Tgt Ion: 43 Resp: 3770

Ion Ratio Lower Upper

43 100

58 25.6 0.0 55.2

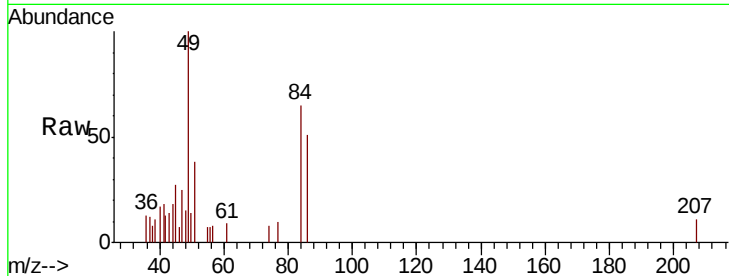




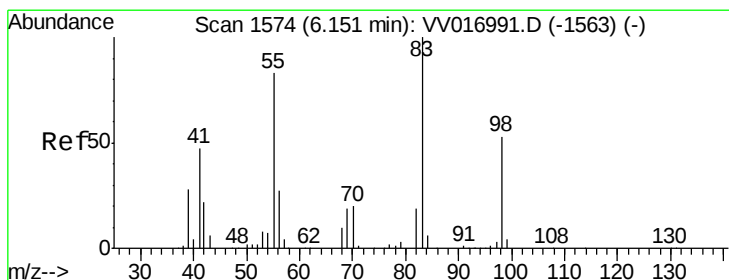
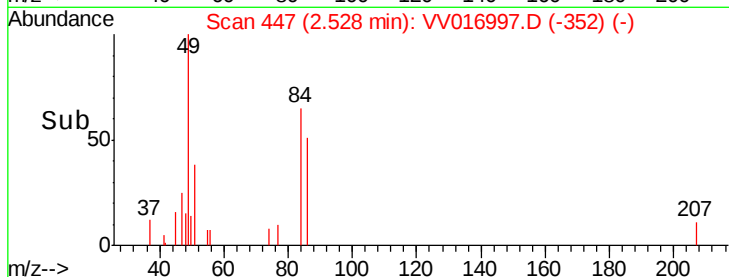
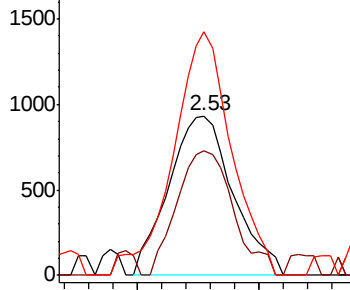
#16
Methvlene chloride
Concen: 0.691 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV016997.D
Acq: 19 Jun 2020 13:54

Instrument :
MSVOA_V
ClientSampleId :
F9M23

Tot Ion: 84 Resp: 1712
Ion Ratio Lower Upper
84 100
86 77.9 44.0 81.8
49 152.9 90.9 168.9

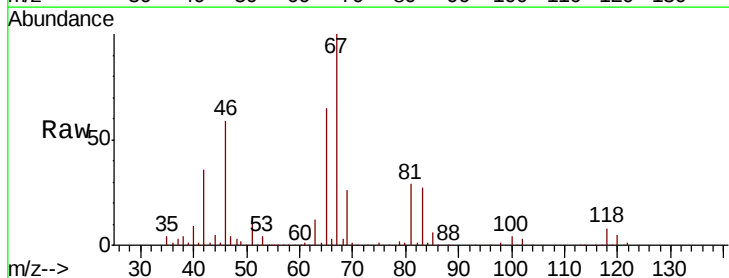


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

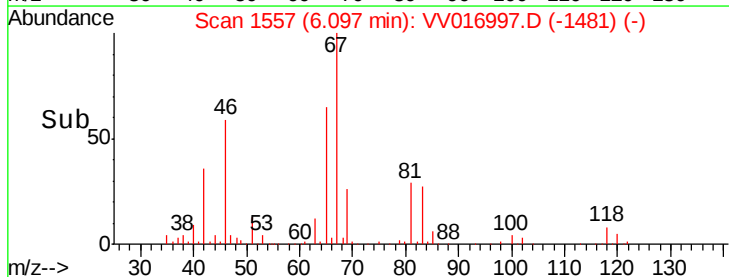
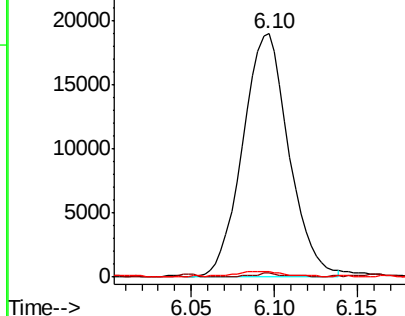


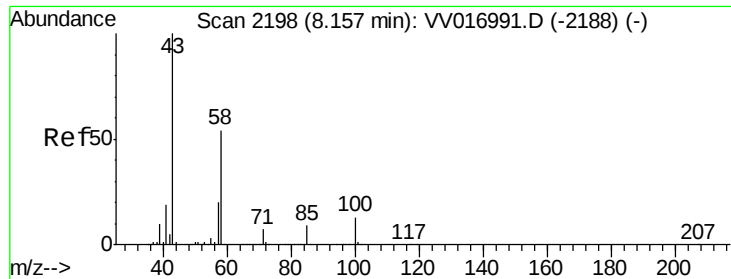
#35
Methylcyclohexane
Concen: 9.242 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016997.D
Acq: 19 Jun 2020 13:54

Tgt Ion: 83 Resp: 36801
Ion Ratio Lower Upper
83 100
55 0.6 64.2 96.2#
98 0.0 40.3 60.5#



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





#48

2-Hexanone

Concen: 7.136 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016997.D

Acq: 19 Jun 2020 13:54

Instrument :
MSVOA_V
ClientSampleId :
F9M23

Tot Ion: 43 Resp: 19297

Ion Ratio Lower Upper

43 100

58 35.9 43.1 64.7#

57 19.6 15.3 22.9

100 8.5 10.0 15.0#

