

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017550.D
 Acq On : 20 Jul 2020 17:23
 Operator : SY/MD
 Sample : L3314-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157977	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75559	50.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.42%
7) Chloroethane-d5	1.58	69	58893	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.12%
11) 1,1-Dichloroethene-d2	2.12	63	129142	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	3.91	46	104246	95.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	4.38	84	157692	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.06	65	116283	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
32) Benzene-d6	5.07	84	278362	37.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.20%
36) 1,2-Dichloropropane-d6	6.09	67	84359	38.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.26%
41) Toluene-d8	7.34	98	283857	40.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.92%
43) trans-1,3-Dichloropropene-	7.64	79	52842	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.11	63	91974	89.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166036	52.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	146884	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

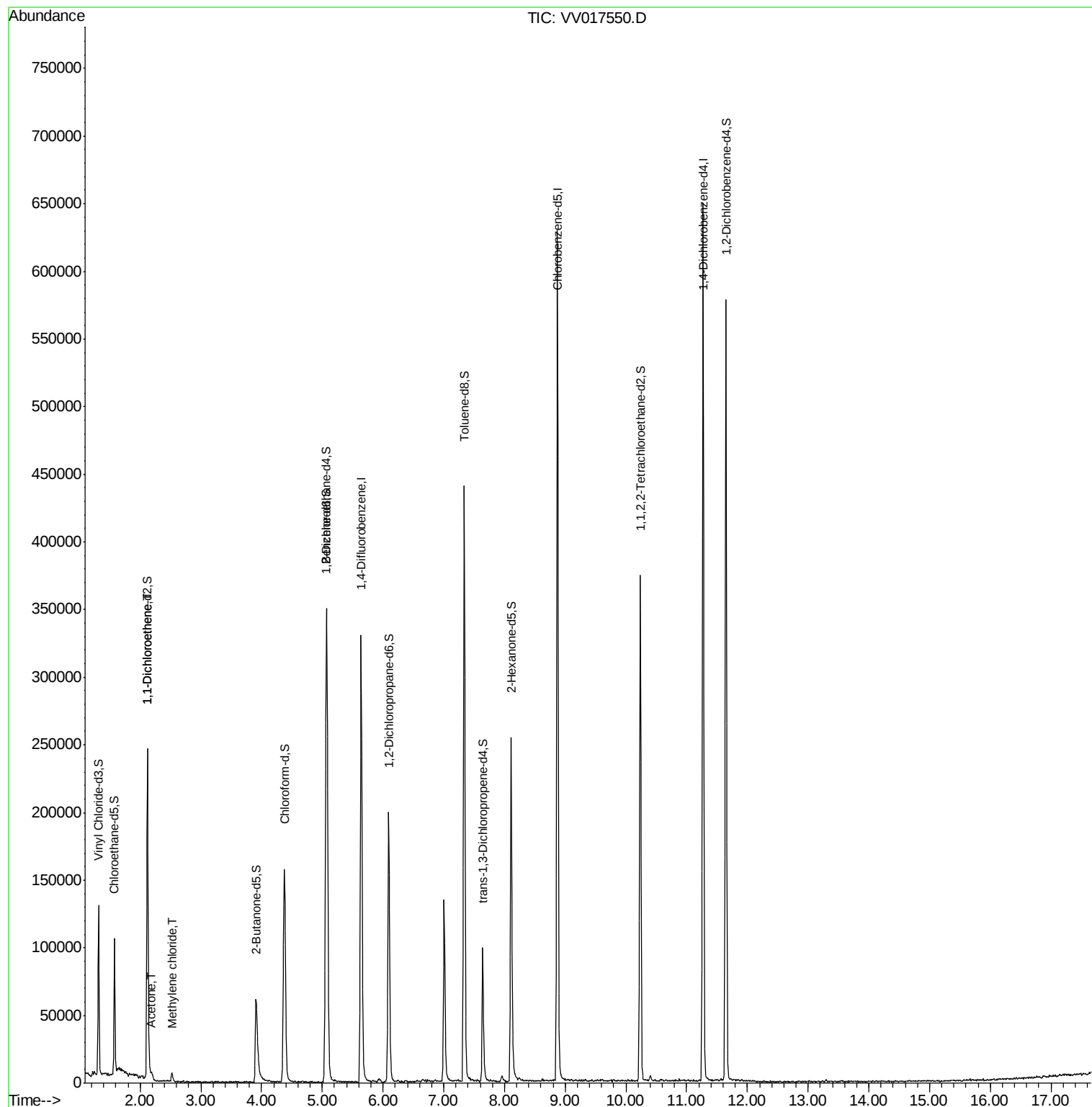
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.12	96	1558	0.866 ug/L #	1
13) Acetone	2.20	43	4805	3.603 ug/L	88
16) Methylene chloride	2.52	84	2634	1.305 ug/L	79

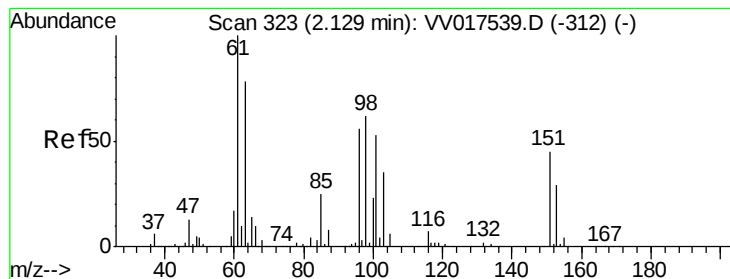
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.866 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017550.D

Acq: 20 Jul 2020 17:23

Instrument :
MSVOA_V
ClientSampleId :

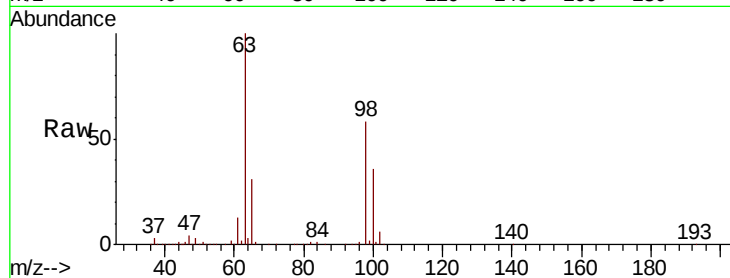
Tot Ion: 96 Resp: 1558

Ion Ratio Lower Upper

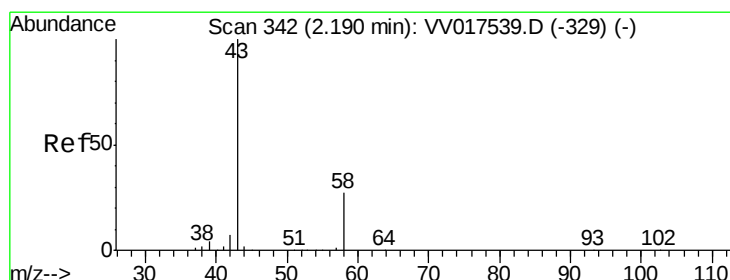
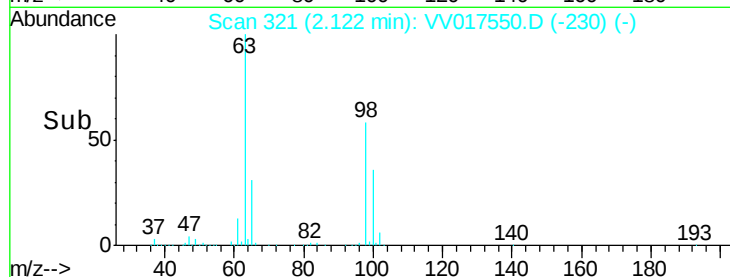
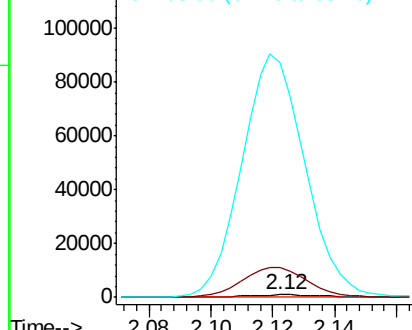
96 100

61 1239.6 126.0 234.0#

63 9789.9 99.8 185.4#



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



#13

Acetone

Concen: 3.603 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017550.D

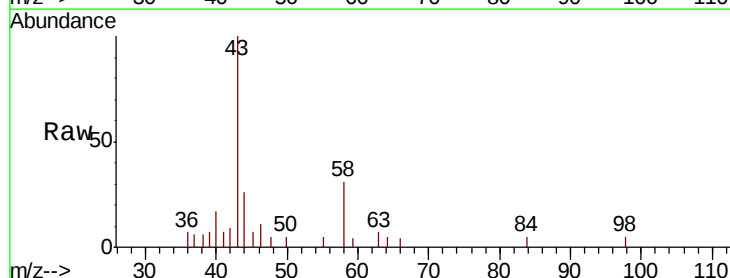
Acq: 20 Jul 2020 17:23

Tgt Ion: 43 Resp: 4805

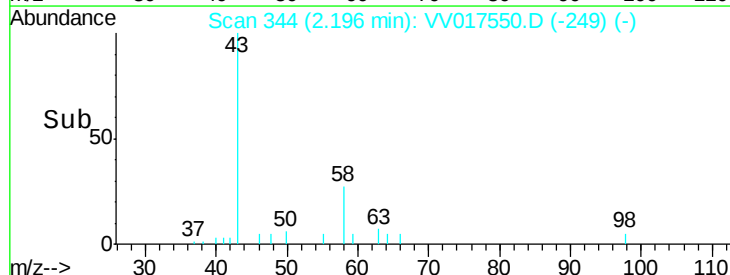
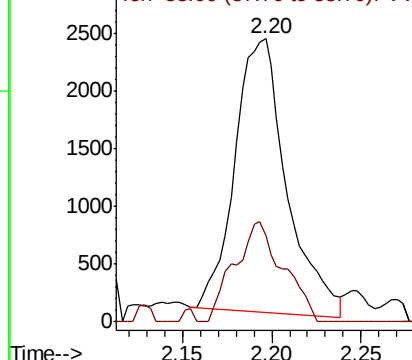
Ion Ratio Lower Upper

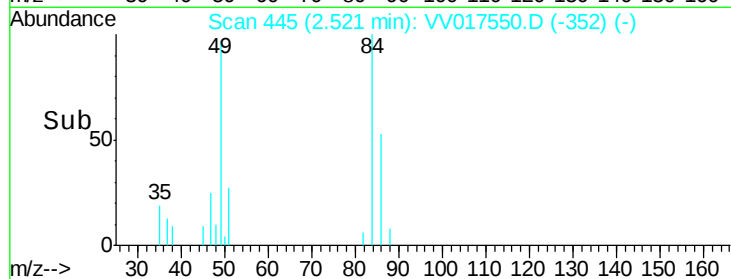
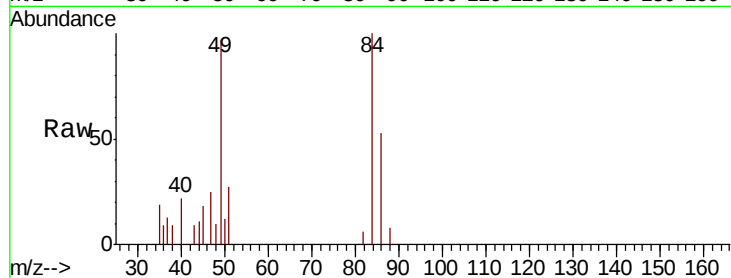
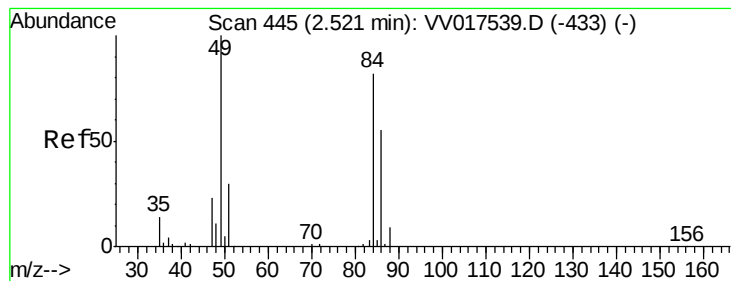
43 100

58 34.3 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0





#16
Methvlene chloride
Concen: 1.305 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 2634
Ion Ratio Lower Upper
84 100
86 52.8 47.1 87.5
49 97.1 85.8 159.4

