

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016437.D
 Acq On : 02 Jun 2020 19:41
 Operator : SY/MD
 Sample : L2843-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393811	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	373904	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174525	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133453	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.68%
7) Chloroethane-d5	1.58	69	93477	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.13	63	181002	36.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.22%
21) 2-Butanone-d5	3.91	46	179588	100.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.69%
24) Chloroform-d	4.38	84	231021	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.06	65	170542	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.08	84	492278	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
36) 1,2-Dichloropropane-d6	6.09	67	151415	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.34	98	445095	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%
43) trans-1,3-Dichloropropene-	7.64	79	68944	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.11	63	135790	101.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201056	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	173165	52.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

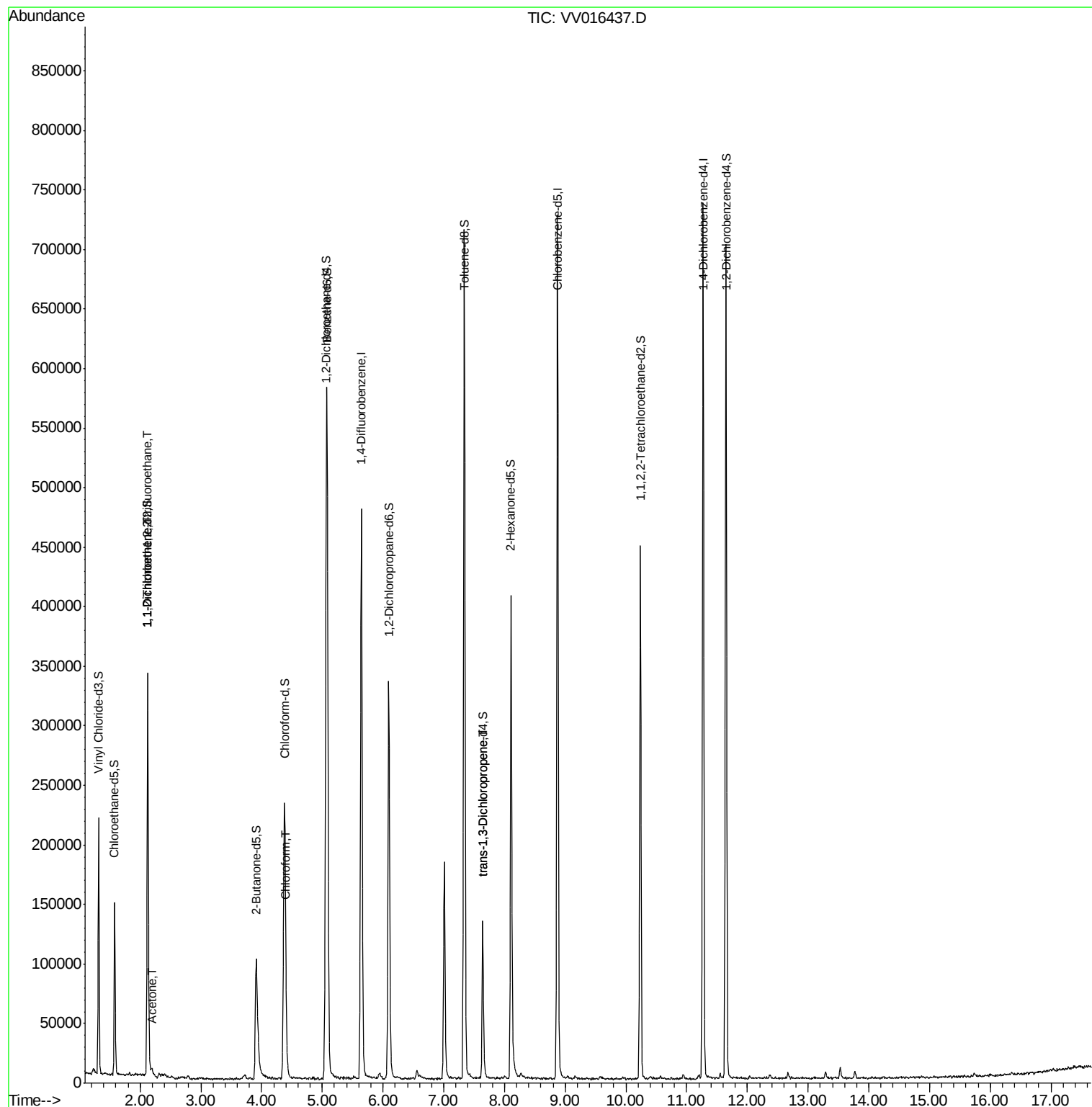
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2203	0.970 ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1647	0.753 ug/L #	1
13) Acetone	2.19	43	8235	4.940 ug/L	92
25) Chloroform	4.41	83	18789	3.514 ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3993	0.974 ug/L #	80

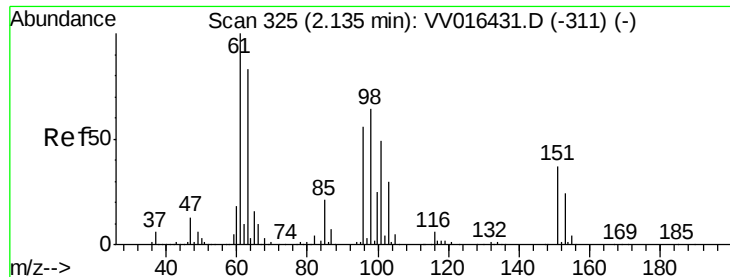
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.970 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016437.D

Acq: 02 Jun 2020 19:41

Instrument :

MSVOA_V

ClientSampleId :

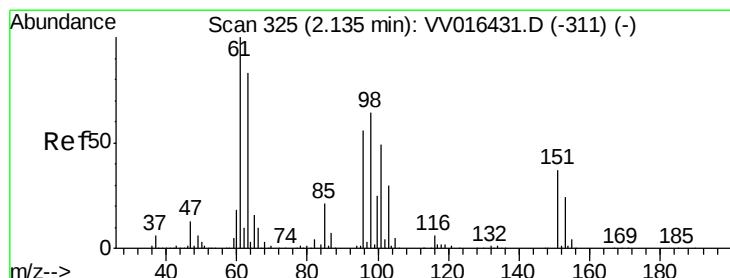
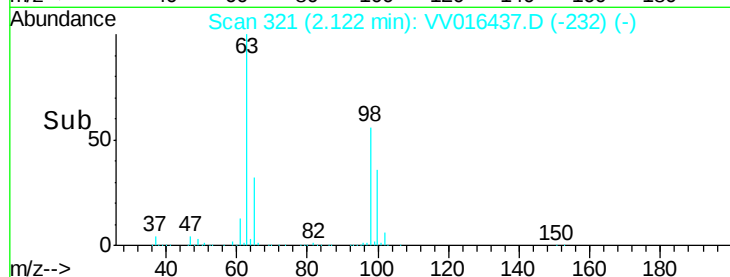
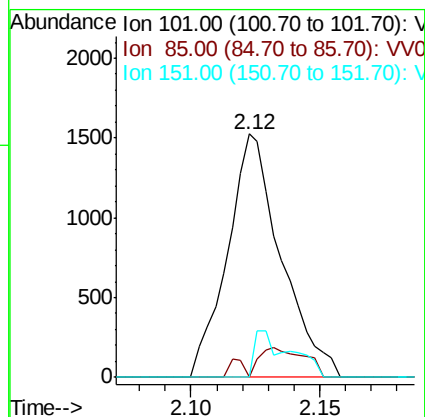
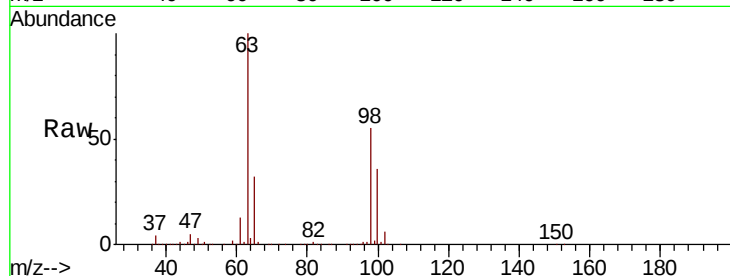
Tot Ion:101 Resp: 2203

Ion Ratio Lower Upper

101 100

85 1.9 35.6 53.4#

151 6.4 61.8 92.8#



#12

1,1-Dichloroethene

Concen: 0.753 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016437.D

Acq: 02 Jun 2020 19:41

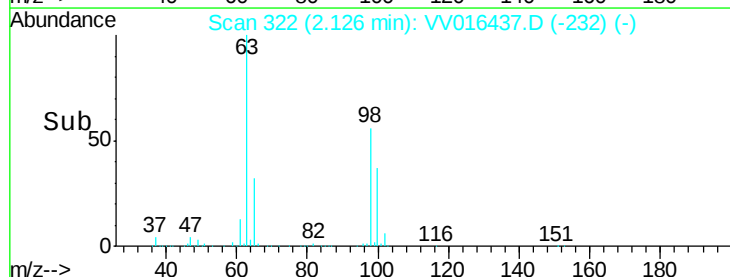
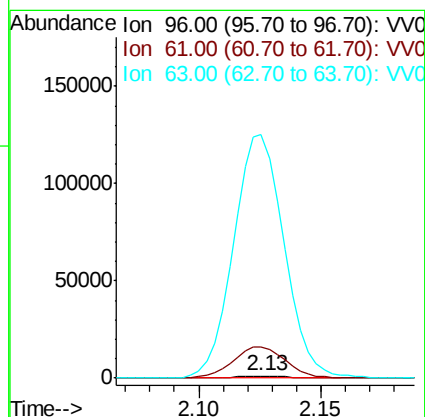
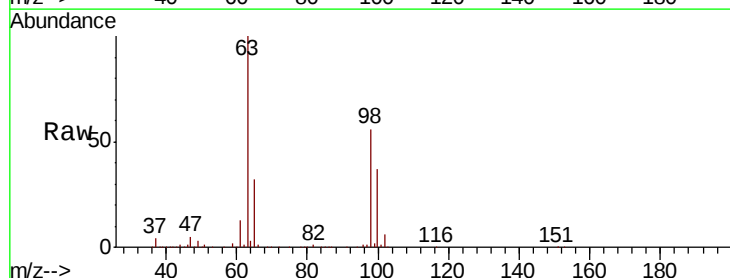
Tgt Ion: 96 Resp: 1647

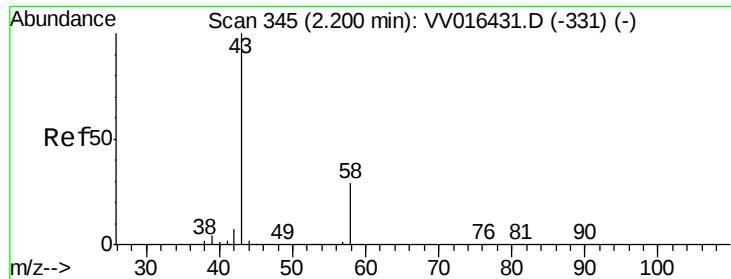
Ion Ratio Lower Upper

96 100

61 1648.8 125.5 233.1#

63 12927.3 104.0 193.1#





#13

Acetone

Concen: 4.940 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV016437.D

Acq: 02 Jun 2020 19:41

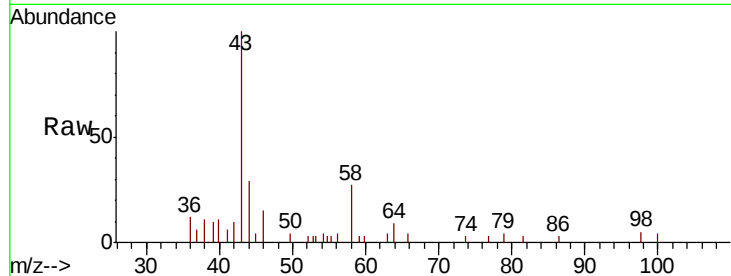
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8235

Ion Ratio Lower Upper

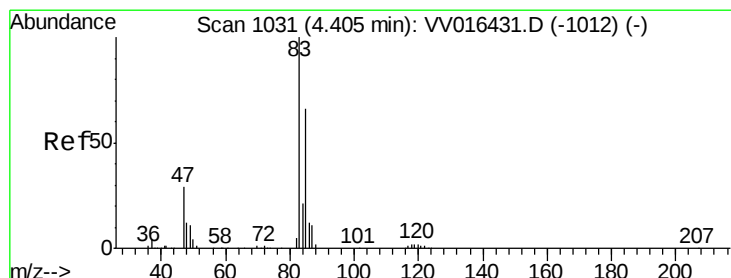
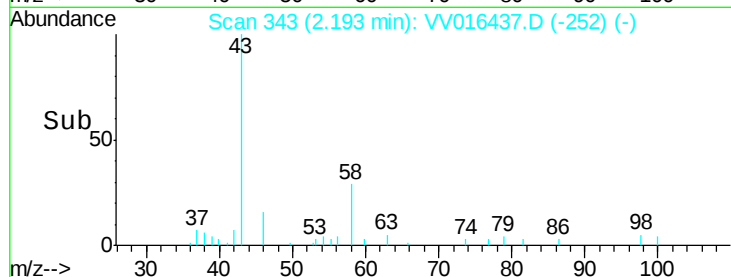
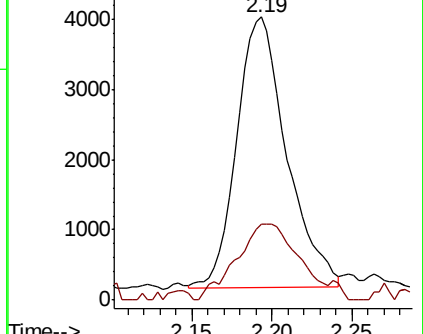
43 100

58 33.1 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 3.514 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV016437.D

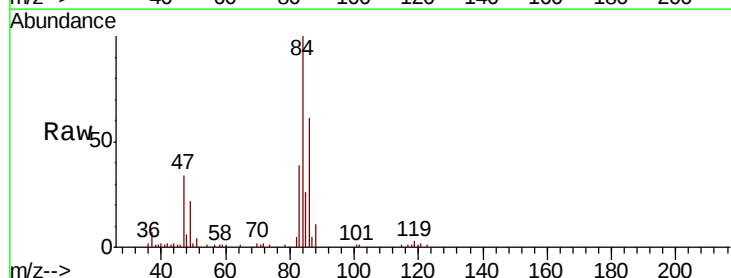
Acq: 02 Jun 2020 19:41

Tgt Ion: 83 Resp: 18789

Ion Ratio Lower Upper

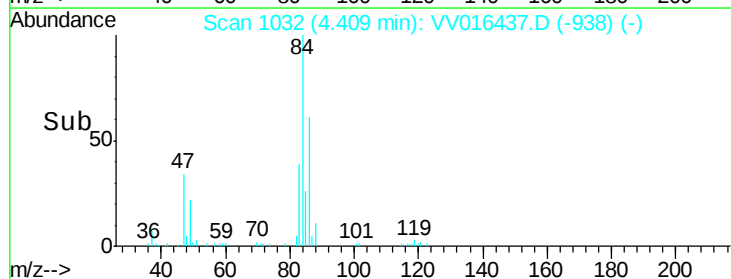
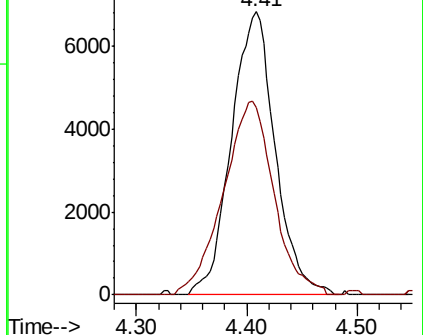
83 100

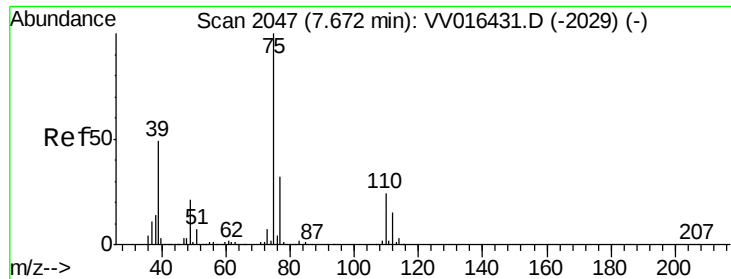
85 66.1 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#44
 trans-1,3-Dichloropropene
 Concen: 0.974 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV016437.D
 Acq: 02 Jun 2020 19:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 3993
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.2 41.2#

