

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016631.D
 Acq On : 07 Jun 2020 09:44
 Operator : SY/MD
 Sample : L2862-05DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D88DL

Quant Time: Jun 08 05:44:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	358641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108753	42.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.62%
7) Chloroethane-d5	1.56	69	63375	34.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.12%#
11) 1,1-Dichloroethene-d2	2.12	63	145365	32.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	3.90	46	174414	107.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	4.37	84	227792	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.05	65	161935	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
32) Benzene-d6	5.07	84	457244	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
36) 1,2-Dichloropropane-d6	6.09	67	144163	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.82%
41) Toluene-d8	7.34	98	405326	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.64	79	60793	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
47) 2-Hexanone-d5	8.11	63	122587	102.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182107	47.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	161687	56.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

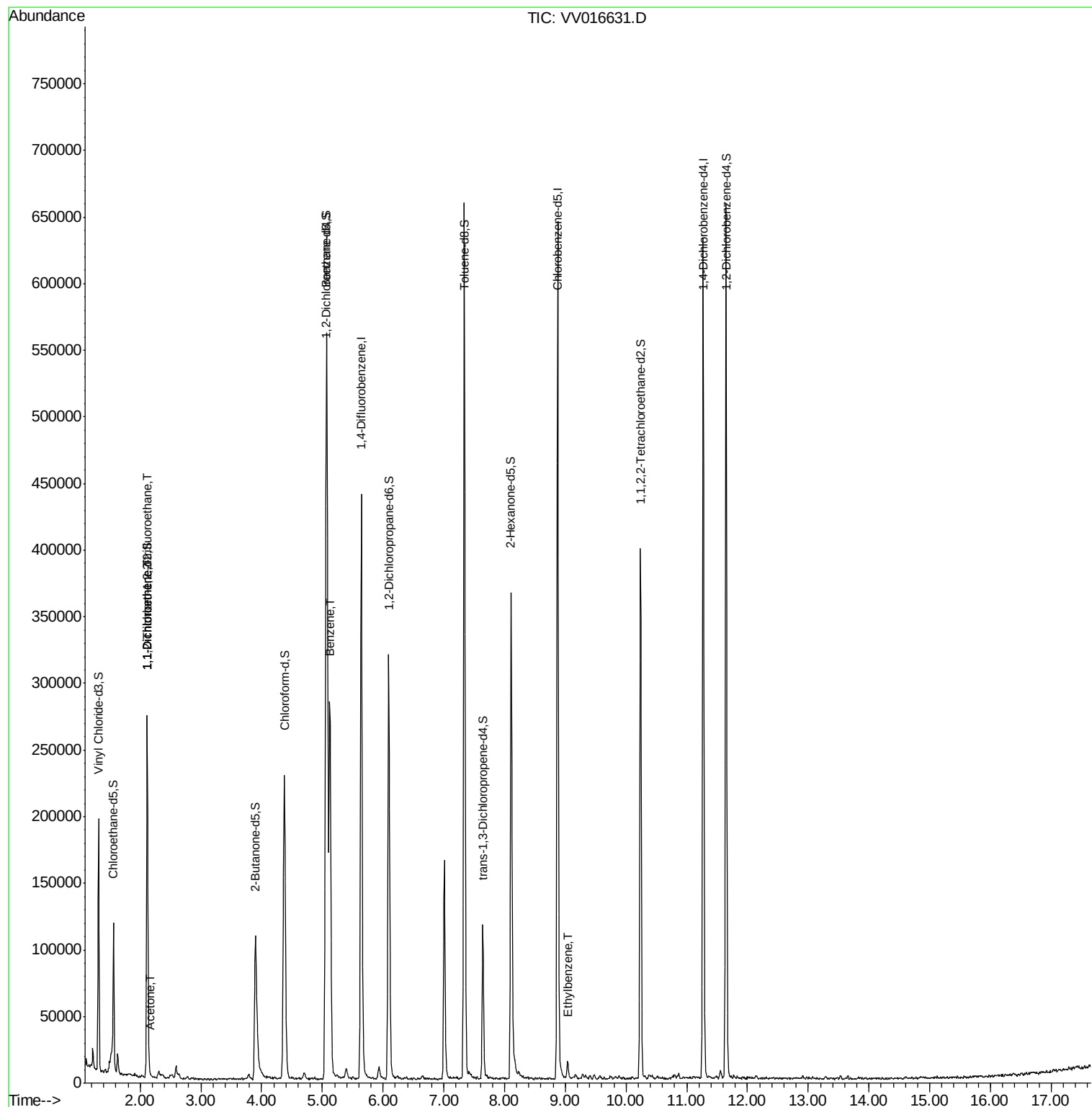
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1343	0.649 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1471	0.739 ug/L #	1
13) Acetone	2.18	43	1681	1.107 ug/L	85
33) Benzene	5.13	78	274287	27.760 ug/L	100
52) Ethylbenzene	9.04	91	8235	0.723 ug/L	92

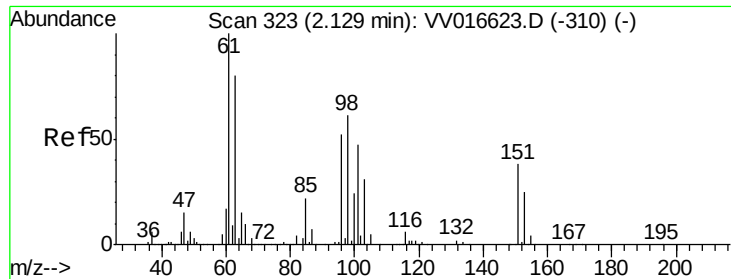
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.649 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016631.D

Acq: 07 Jun 2020 09:44

Instrument :

MSVOA_V

ClientSampled :

F9D88DL

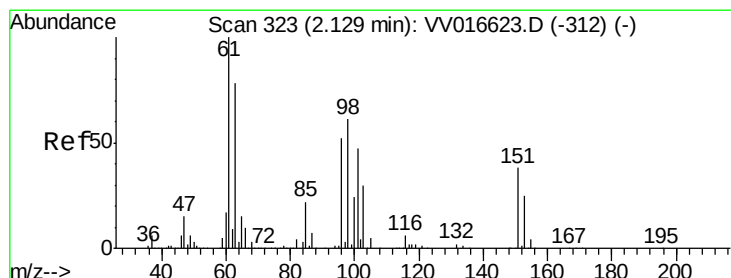
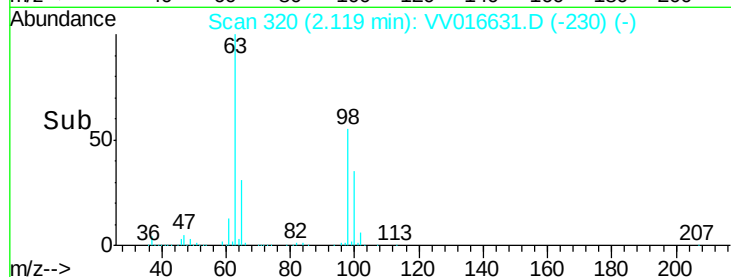
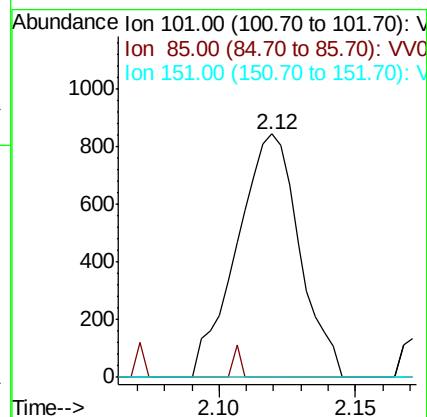
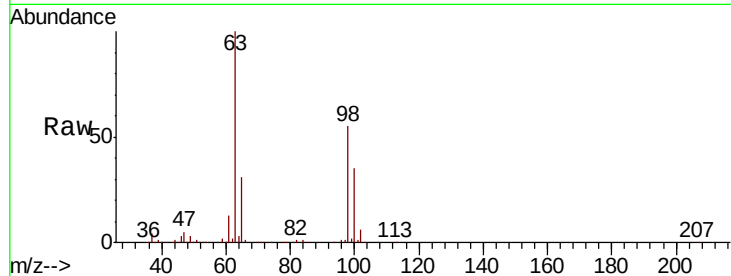
Tot Ion:101 Resp: 1343

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 61.8 92.8#



#12

1,1-Dichloroethene

Concen: 0.739 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016631.D

Acq: 07 Jun 2020 09:44

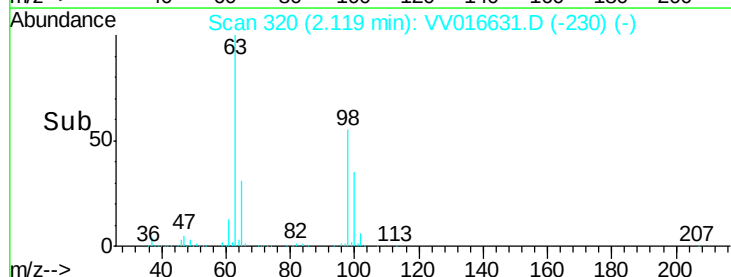
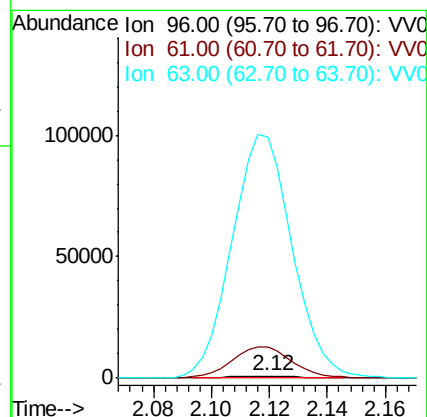
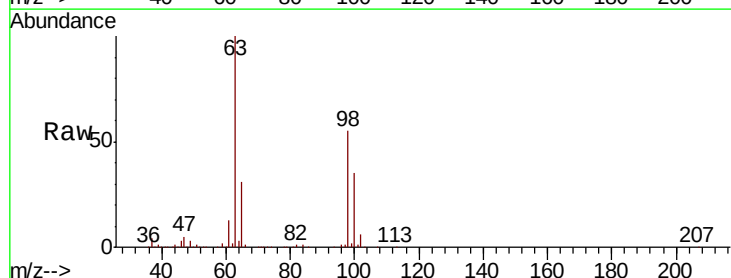
Tgt Ion: 96 Resp: 1471

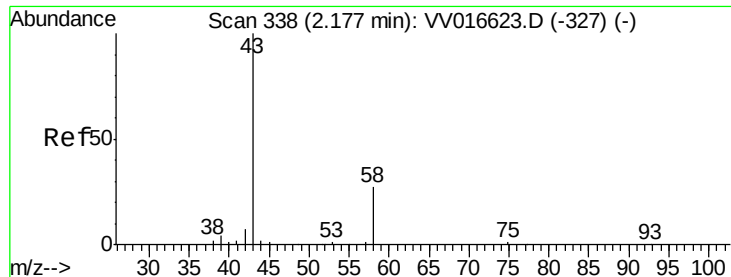
Ion Ratio Lower Upper

96 100

61 1322.9 125.5 233.1#

63 10378.2 104.0 193.1#





#13

Acetone

Concen: 1.107 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV016631.D

Acq: 07 Jun 2020 09:44

Instrument :

MSVOA_V

ClientSampleId :

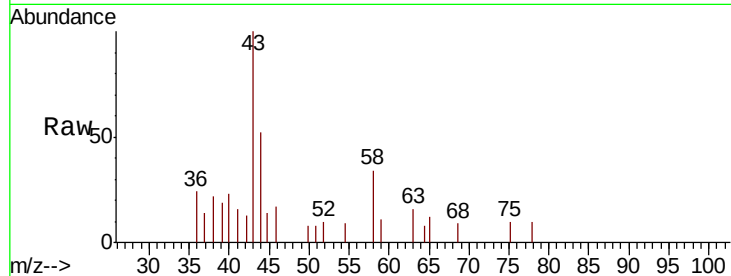
F9D88DL

Tot Ion: 43 Resp: 1681

Ion Ratio Lower Upper

43 100

58 20.6 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016631.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV016631.D (-245) (-)

2.18

1500

1000

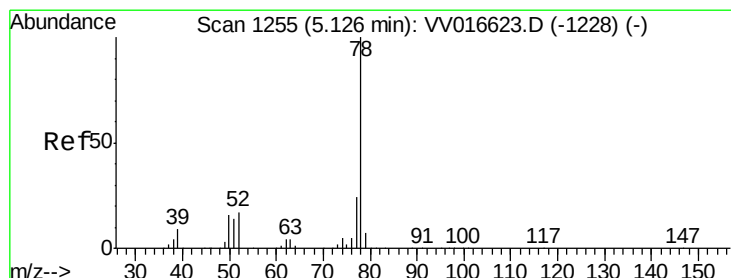
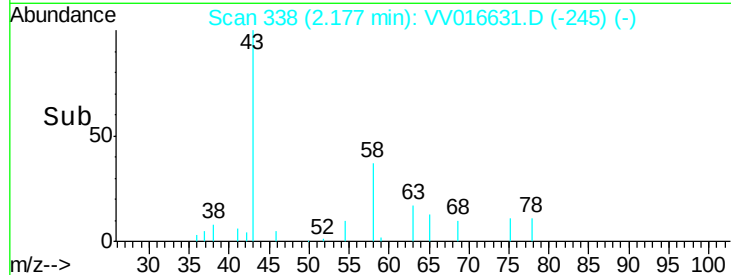
500

0

Time-->

2.15

2.20



#33

Benzene

Concen: 27.760 ug/L

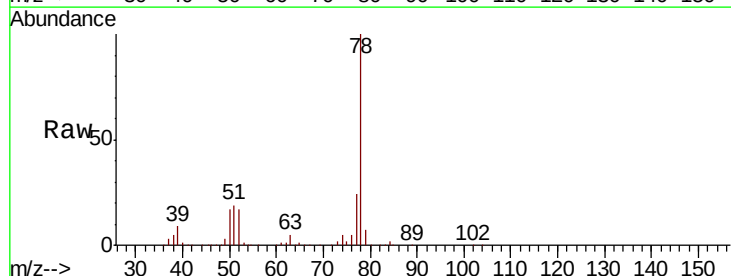
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016631.D

Acq: 07 Jun 2020 09:44

Tgt Ion: 78 Resp: 274287



Abundance Ion 78.00 (77.70 to 78.70): VV016631.D (-1162) (-)

5.13

100000

50000

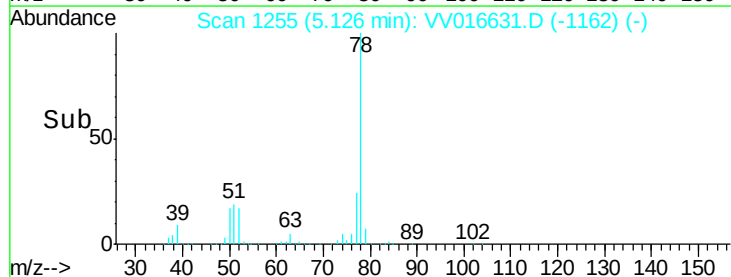
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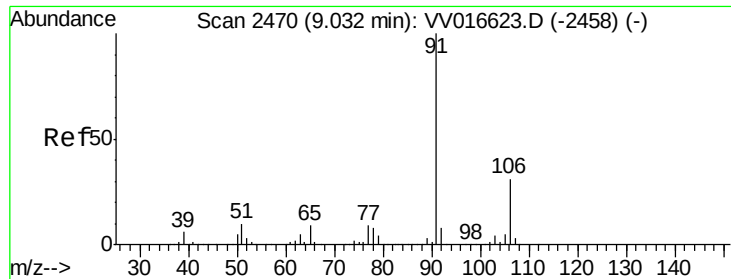
Time-->

5.00

5.10

5.20





#52
 Ethylbenzene
 Concen: 0.723 ug/L
 RT: 9.04 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: VV016631.D
 Acq: 07 Jun 2020 09:44

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D88DL

Tot Ion: 91 Resp: 8235
 Ion Ratio Lower Upper
 91 100
 106 26.5 21.8 40.4

