

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016938.D
 Acq On : 15 Jun 2020 15:53
 Operator : SY/MD
 Sample : L2990-10DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG6DL

Quant Time: Jun 16 05:50:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362468	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101522	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.38%
7) Chloroethane-d5	1.56	69	61732	40.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.44%
11) 1,1-Dichloroethene-d2	2.12	63	140475	32.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.42%
21) 2-Butanone-d5	3.90	46	167598	88.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	4.37	84	225094	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.05	65	165858	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.07	84	446039	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.09	67	139122	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.80%
41) Toluene-d8	7.34	98	408216	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.64	79	69289	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.88%
47) 2-Hexanone-d5	8.11	63	96160	71.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163295	39.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	167099	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

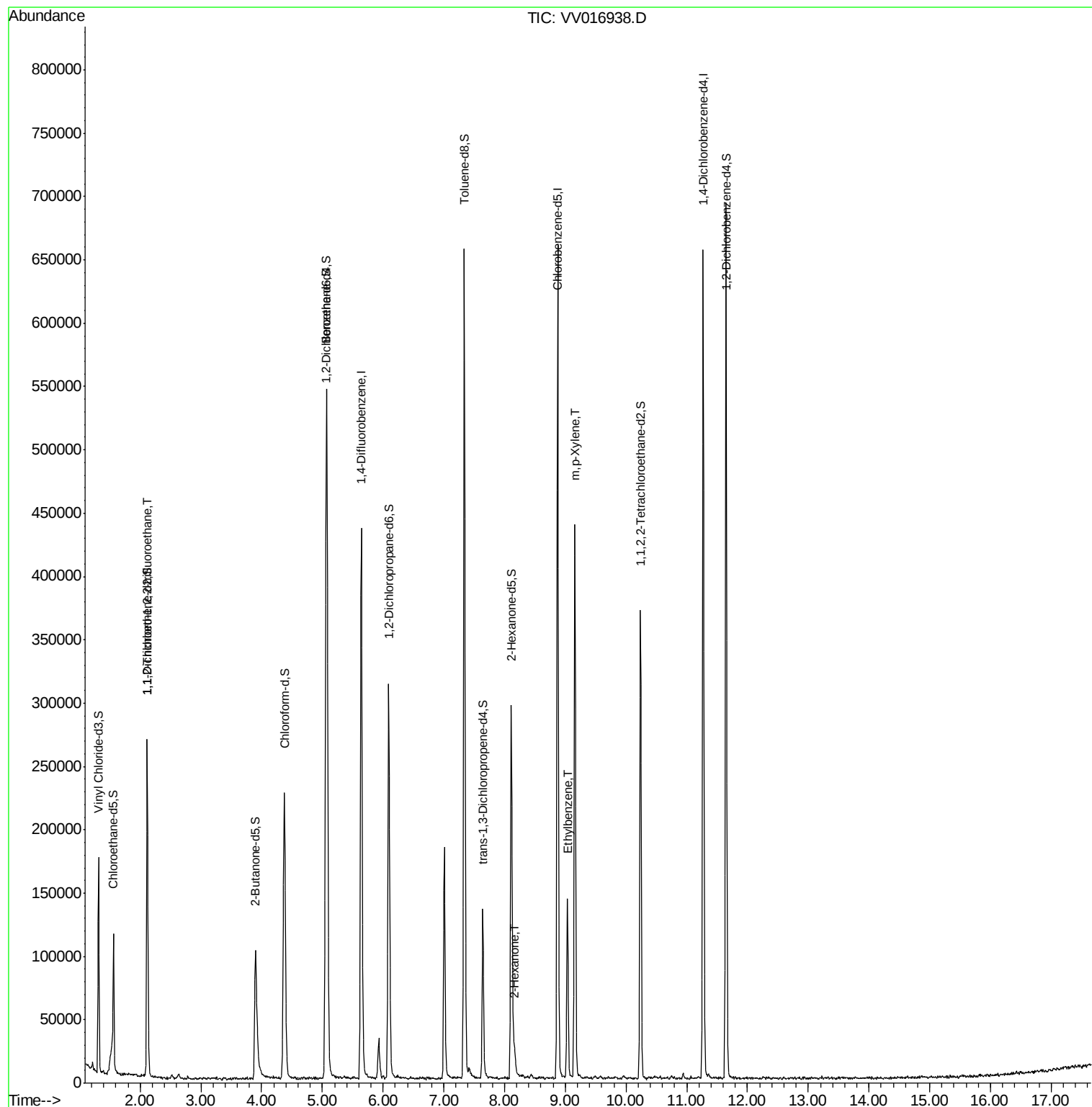
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1317	0.683 ug/L #	24
48) 2-Hexanone	8.17	43	10721	3.678 ug/L #	45
52) Ethylbenzene	9.04	91	97163	8.157 ug/L	99
53) m,p-Xylene	9.16	106	114817	25.888 ug/L	98

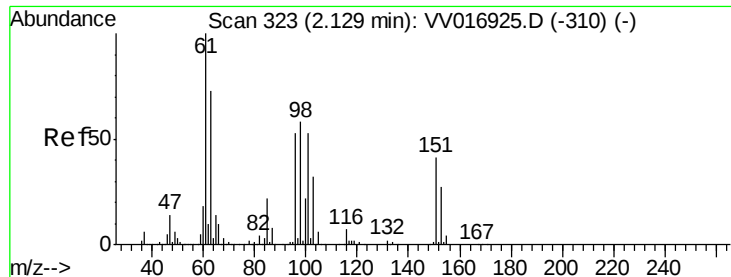
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.683 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016938.D

Acq: 15 Jun 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

E3YG6DL

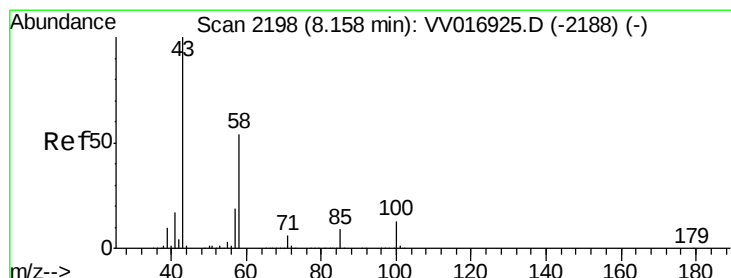
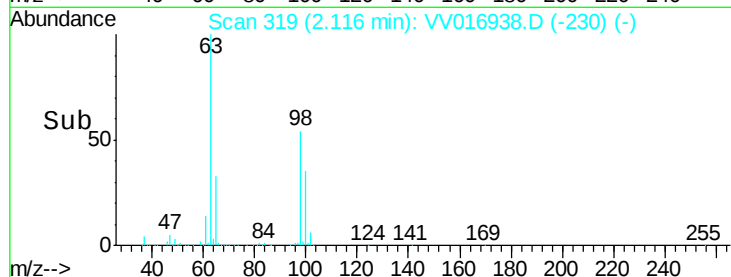
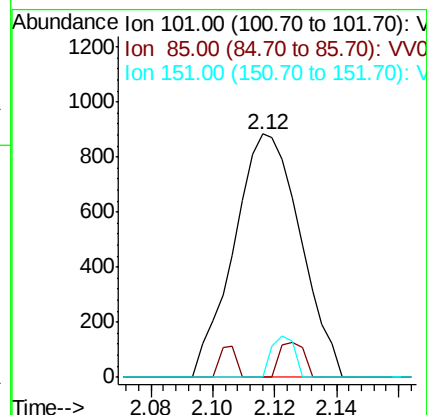
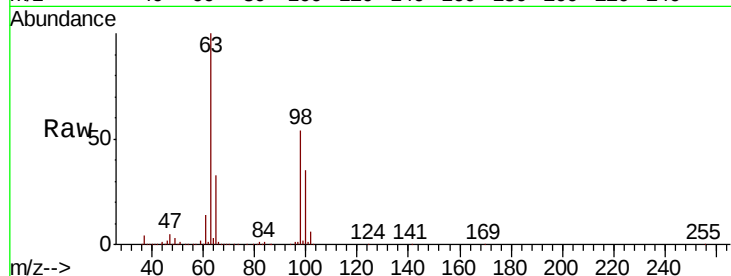
Tot Ion:101 Resp: 1317

Ion Ratio Lower Upper

101 100

85 5.1 35.5 53.3#

151 5.8 63.9 95.9#



#48

2-Hexanone

Concen: 3.678 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016938.D

Acq: 15 Jun 2020 15:53

Tgt Ion: 43 Resp: 10721

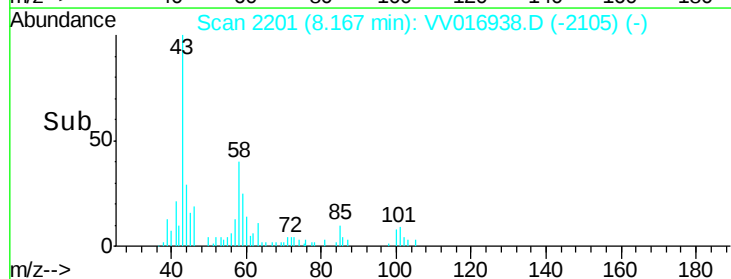
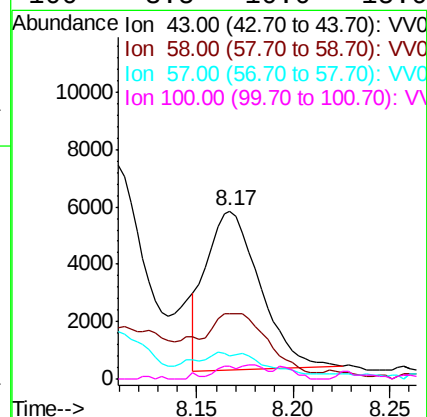
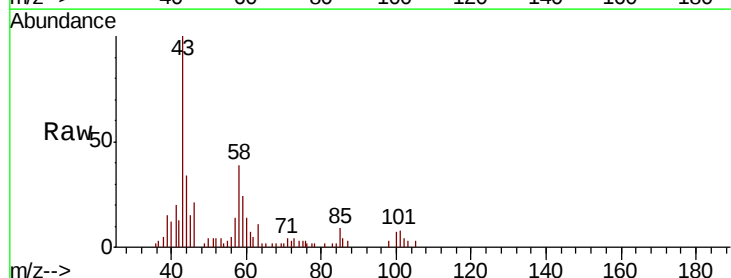
Ion Ratio Lower Upper

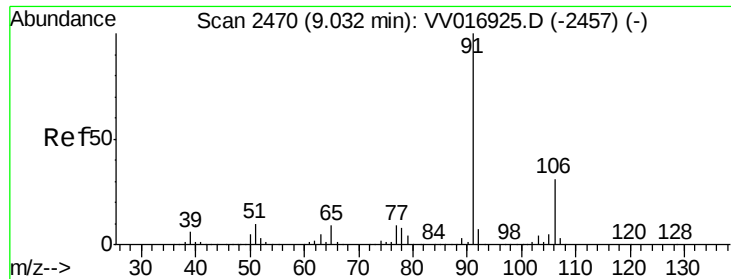
43 100

58 5.2 43.1 64.7#

57 1.6 15.3 22.9#

100 3.5 10.0 15.0#





#52

Ethylbenzene

Concen: 8.157 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

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Acq: 15 Jun 2020 15:53

Instrument :

MSVOA_V

ClientSampleID :

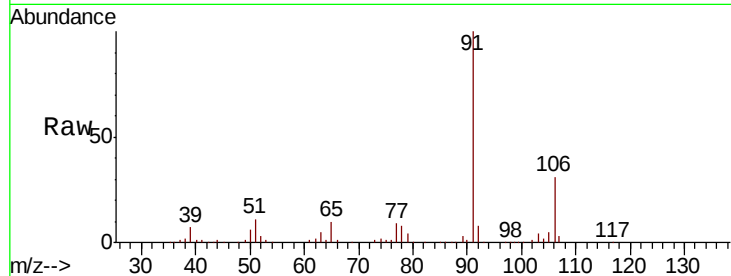
E3YG6DL

Tot Ion: 91 Resp: 97163

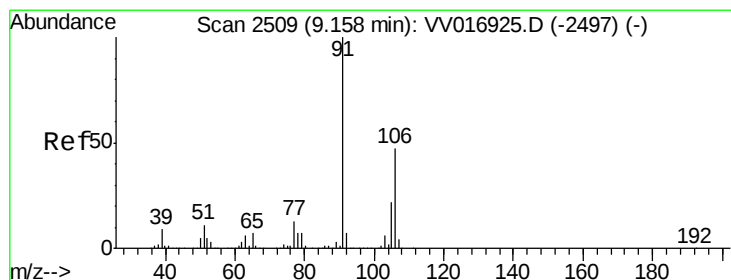
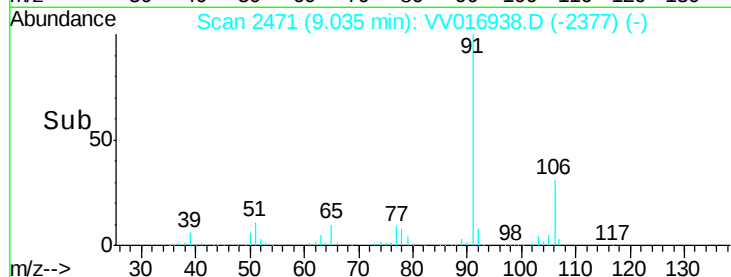
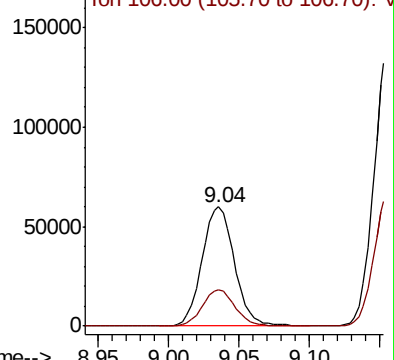
Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016938.D (-2377) (-)



#53

m,p-Xylene

Concen: 25.888 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016938.D

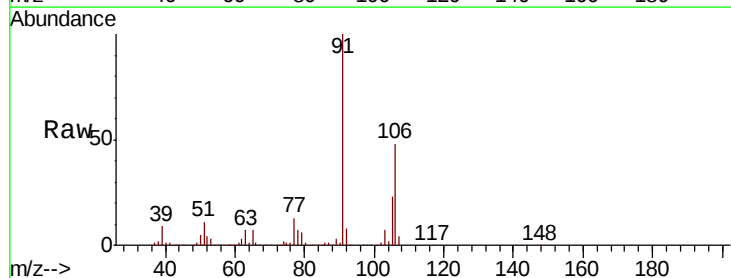
Acq: 15 Jun 2020 15:53

Tgt Ion: 106 Resp: 114817

Ion Ratio Lower Upper

106 100

91 209.5 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016938.D (-2416) (-)

