

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017246.D
 Acq On : 29 Jun 2020 17:58
 Operator : SY/MD
 Sample : L3135-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q99

Quant Time: Jun 30 07:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332423	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321915	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81422	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.42%
7) Chloroethane-d5	1.58	69	60132	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.44%
11) 1,1-Dichloroethene-d2	2.12	63	134132	34.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.10%
21) 2-Butanone-d5	3.90	46	150621	86.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.76%
24) Chloroform-d	4.38	84	217627	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.06	65	158158	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
32) Benzene-d6	5.08	84	399312	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
36) 1,2-Dichloropropane-d6	6.09	67	123661	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.50%
41) Toluene-d8	7.34	98	360892	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%
43) trans-1,3-Dichloropropene-	7.64	79	63404	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.18%
47) 2-Hexanone-d5	8.11	63	101766	80.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165820	43.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	152259	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

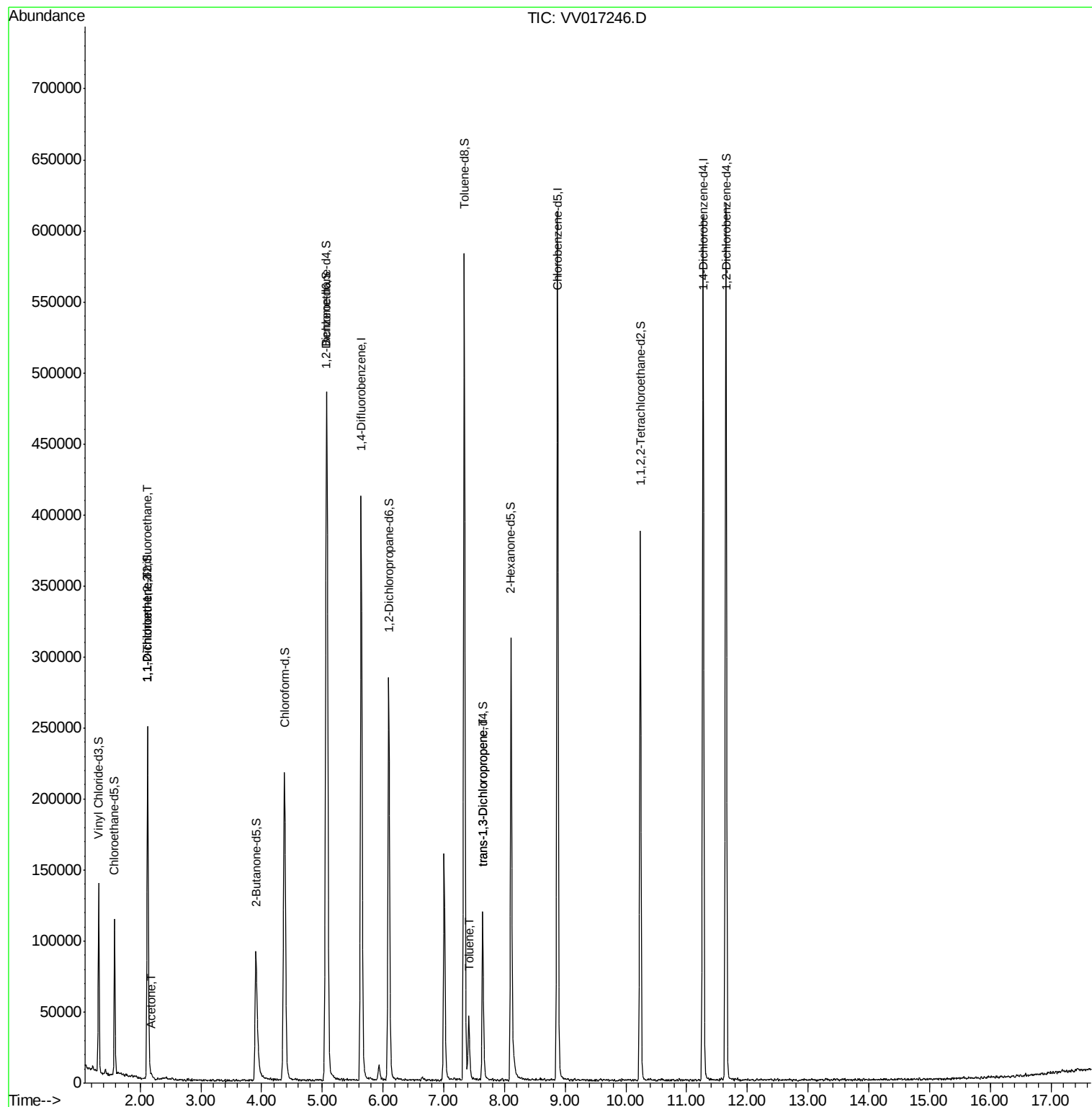
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1235	0.699 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1194	0.724 ug/L #	1
13) Acetone	2.19	43	2324	2.032 ug/L	78
42) Toluene	7.41	91	31584	3.146 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	3372	0.901 ug/L	97

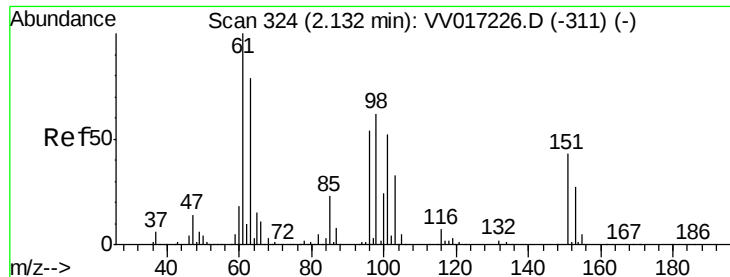
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 30 07:40:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.699 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017246.D

Acq: 29 Jun 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

F9Q99

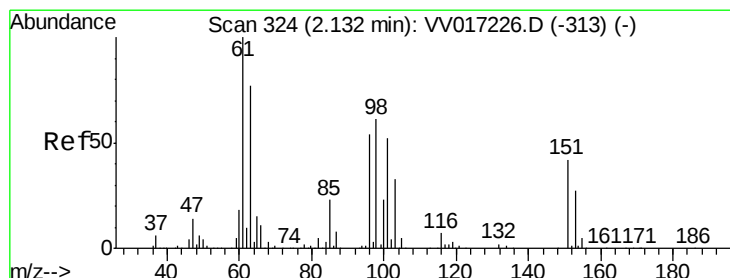
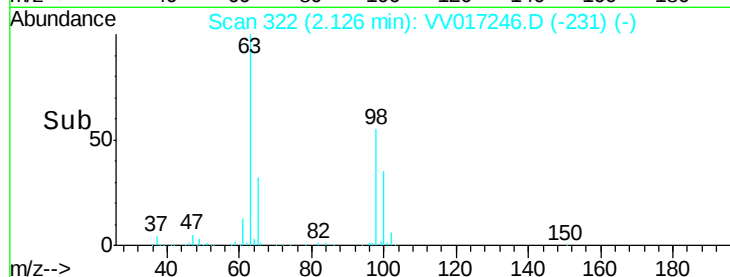
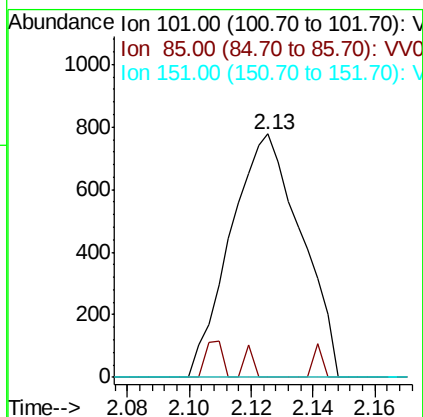
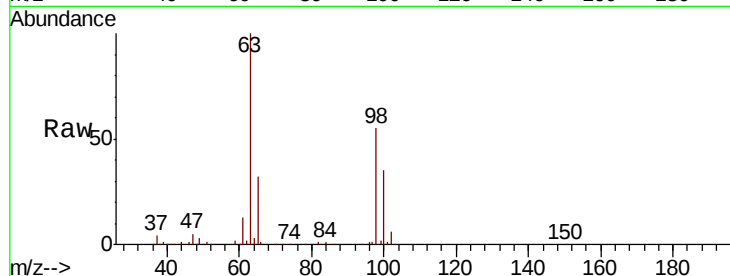
Tot Ion:101 Resp: 1235

Ion Ratio Lower Upper

101 100

85 3.6 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.724 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017246.D

Acq: 29 Jun 2020 17:58

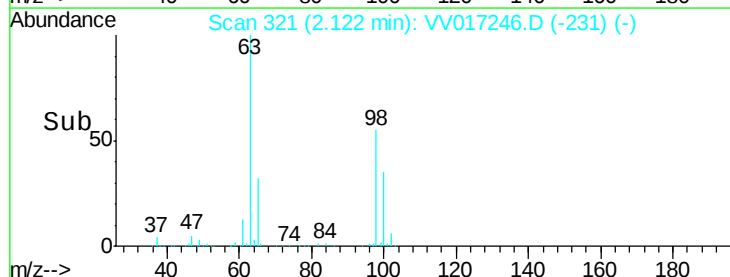
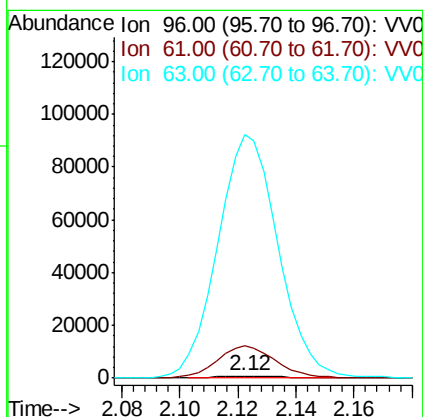
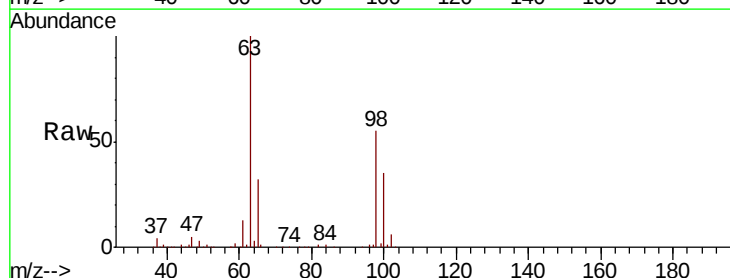
Tgt Ion: 96 Resp: 1194

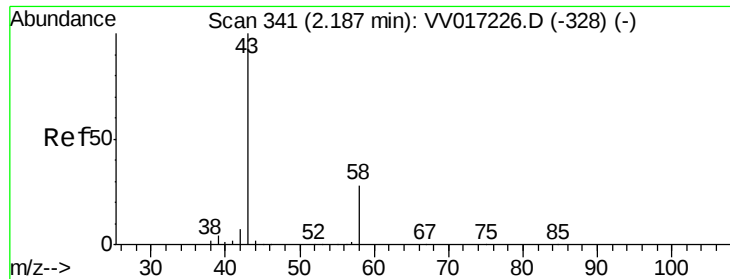
Ion Ratio Lower Upper

96 100

61 1648.9 130.4 242.2#

63 12542.4 103.3 191.9#





#13

Acetone

Concen: 2.032 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017246.D

Acq: 29 Jun 2020 17:58

Instrument :

MSVOA_V

ClientSampled :

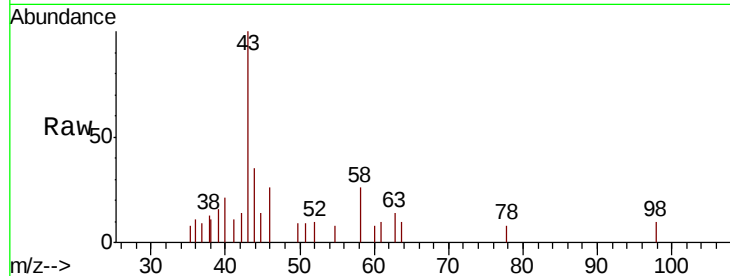
F9Q99

Tot Ion: 43 Resp: 2324

Ion Ratio Lower Upper

43 100

58 15.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017226.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV017226.D (-328) (-)

2.19

1500

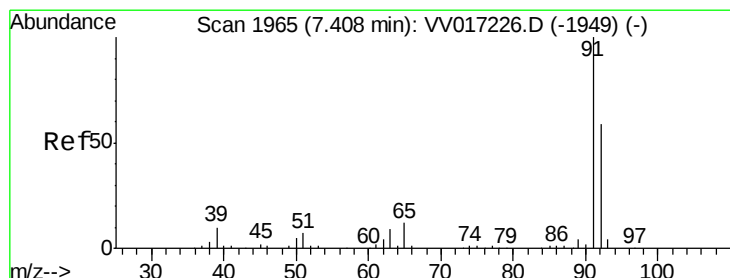
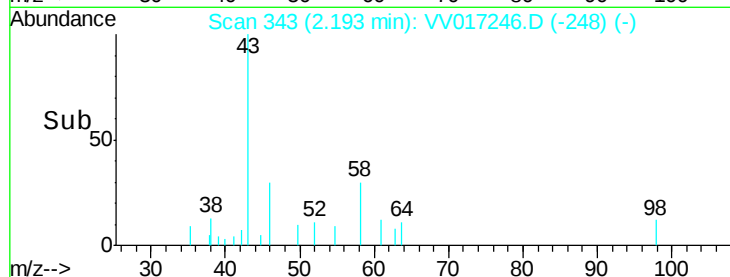
1000

500

0

2.15 2.20 2.25

Time-->



#42

Toluene

Concen: 3.146 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017246.D

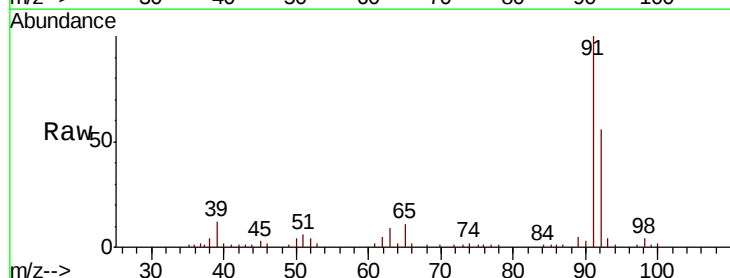
Acq: 29 Jun 2020 17:58

Tgt Ion: 91 Resp: 31584

Ion Ratio Lower Upper

91 100

92 55.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV017226.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV017226.D (-1949) (-)

7.41

20000

15000

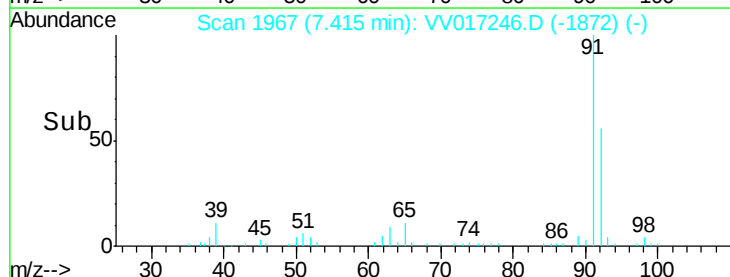
10000

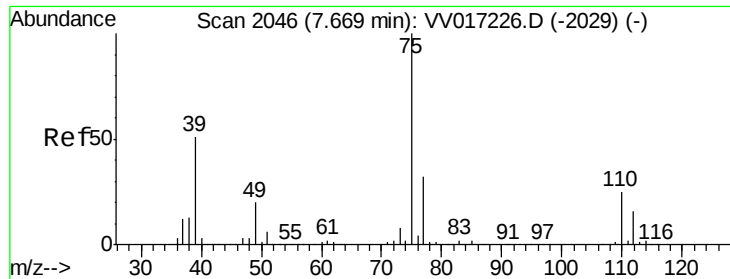
5000

0

7.35 7.40 7.45

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017246.D

Acq: 29 Jun 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

F9Q99

Tot Ion: 75 Resp: 3372

Ion Ratio Lower Upper

75 100

77 29.3 21.7 40.3

