

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017547.D
 Acq On : 20 Jul 2020 16:13
 Operator : SY/MD
 Sample : L3314-02DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:46:26 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	278728	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164563	50.00	ug/L	0.00

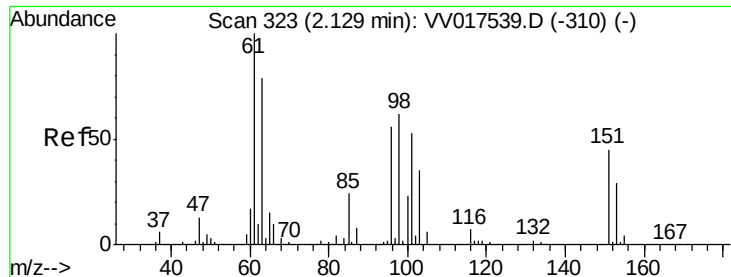
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76102	48.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.88%
7) Chloroethane-d5	1.58	69	58645	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.66%
11) 1,1-Dichloroethene-d2	2.12	63	190952	50.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.00%
21) 2-Butanone-d5	3.91	46	107458	95.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.13%
24) Chloroform-d	4.38	84	161233	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.06	65	120357	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.07	84	282106	37.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.28%
36) 1,2-Dichloropropane-d6	6.09	67	84746	37.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.64%
41) Toluene-d8	7.34	98	295799	41.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.18%
43) trans-1,3-Dichloropropene-	7.64	79	54626	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
47) 2-Hexanone-d5	8.11	63	88982	84.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167496	51.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	148865	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3639	1.751 ug/L #	64
12) 1,1-Dichloroethene	2.13	96	98958	53.220 ug/L	93
34) Trichloroethene	5.94	95	43604	17.783 ug/L	97

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



#10

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

Concen: 1.751 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017547.D

Acq: 20 Jul 2020 16:13

Instrument :

MSVOA_V

ClientSampleId :

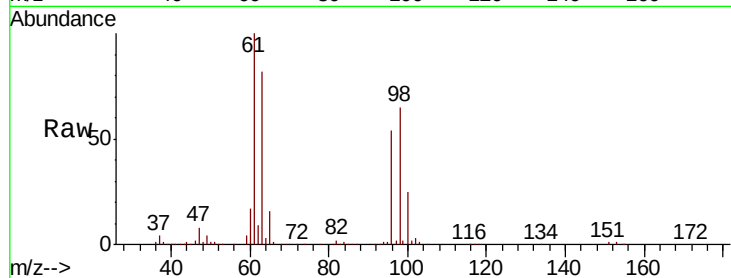
Tot Ion:101 Resp: 3639

Ion Ratio Lower Upper

101 100

85 28.1 36.2 54.4#

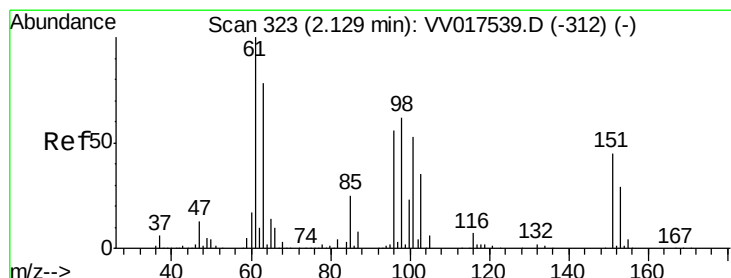
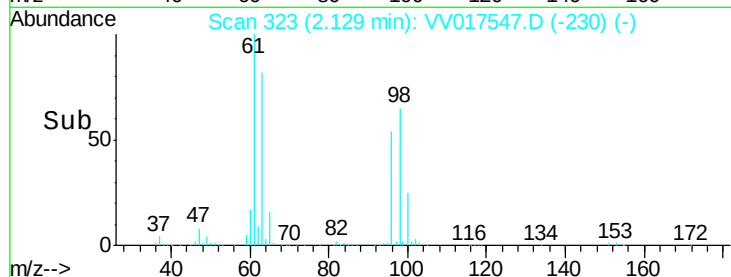
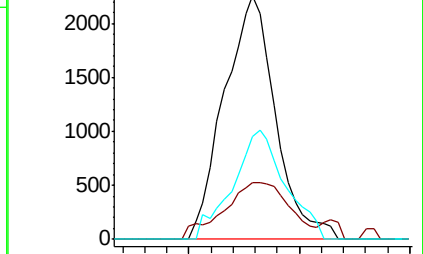
151 45.6 65.9 98.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017547.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV017547.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV017547.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 53.220 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017547.D

Acq: 20 Jul 2020 16:13

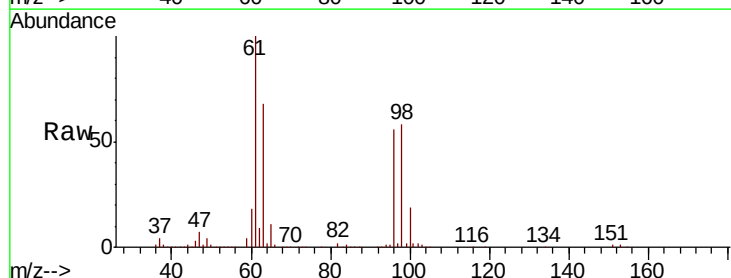
Tgt Ion: 96 Resp: 98958

Ion Ratio Lower Upper

96 100

61 180.2 126.0 234.0

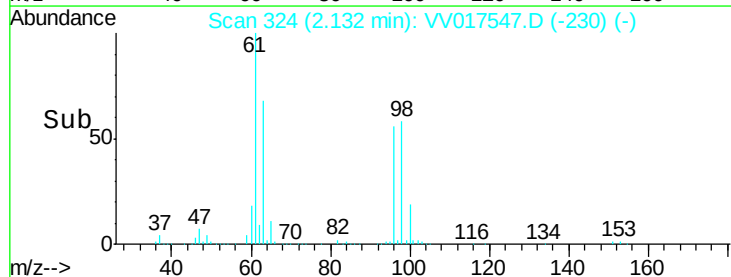
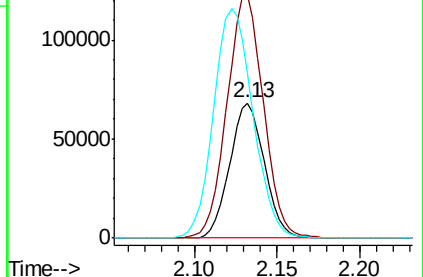
63 122.4 99.8 185.4

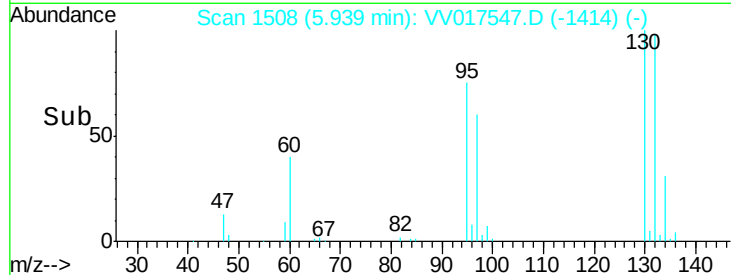
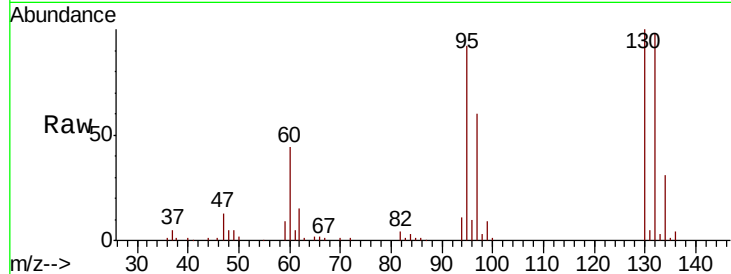
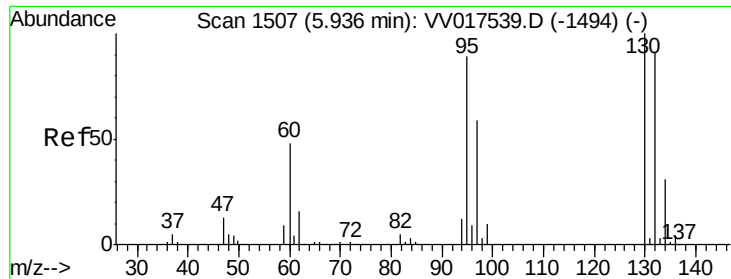


Abundance Ion 96.00 (95.70 to 96.70): VV017547.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV017547.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV017547.D (-230) (-)





#34

Trichloroethene

Concen: 17.783 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017547.D

Acq: 20 Jul 2020 16:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 43604

Ion Ratio Lower Upper

95 100

97 65.5 46.1 85.5

132 105.8 71.3 132.3

130 108.3 78.3 145.3

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

