

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016458.D
 Acq On : 03 Jun 2020 15:48
 Operator : SY/MD
 Sample : L2843-01DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:19:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372055	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347941	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114678	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.58	69	72955	38.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.70%
11) 1,1-Dichloroethene-d2	2.12	63	162945	34.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.76%
21) 2-Butanone-d5	3.90	46	178695	106.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.05%
24) Chloroform-d	4.37	84	234092	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.06	65	160587	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.07	84	465575	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.09	67	146685	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.02%
41) Toluene-d8	7.34	98	417057	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloropropene-	7.64	79	67074	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.78%
47) 2-Hexanone-d5	8.11	63	137244	110.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193322	49.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	164516	54.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.44%

Target Compounds

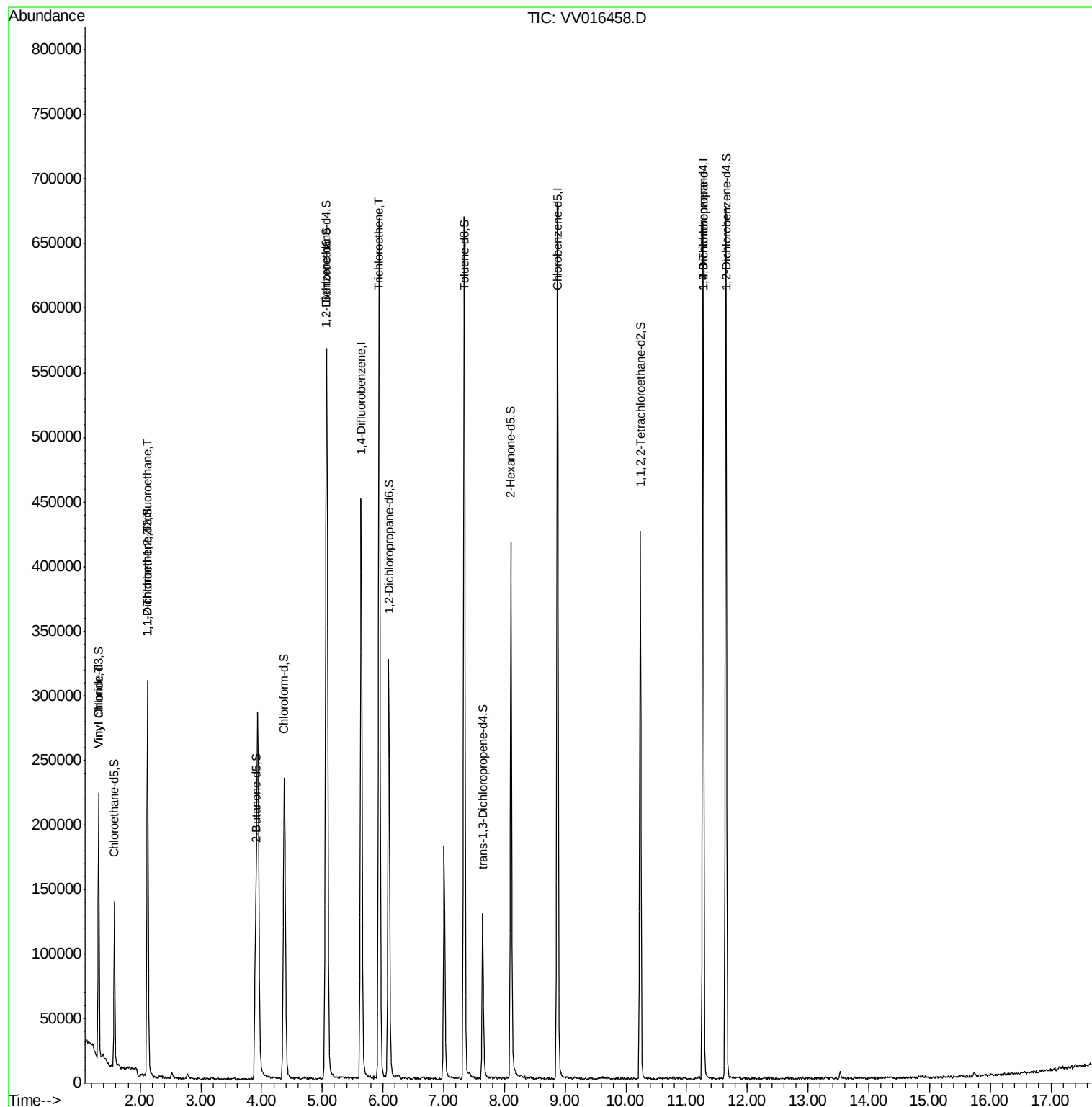
					Ovalue
5) Vinyl chloride	1.32	62	13547	4.740	ug/L 88
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1811	0.844	ug/L # 21
12) 1,1-Dichloroethene	2.12	96	1827	0.884	ug/L # 1
34) Trichloroethene	5.94	95	226446	84.336	ug/L 98
59) 1,2,3-Trichloropropane	11.27	75	19557	5.876	ug/L 89

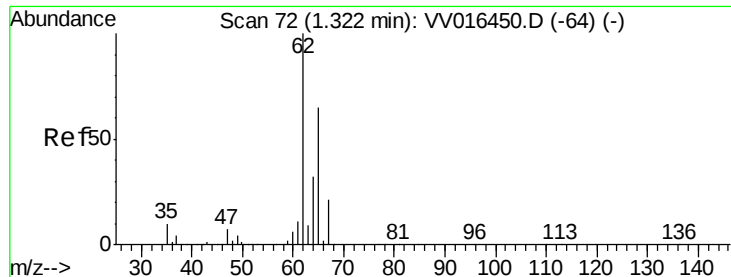
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.740 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016458.D

Acq: 03 Jun 2020 15:48

Instrument :

MSVOA_V

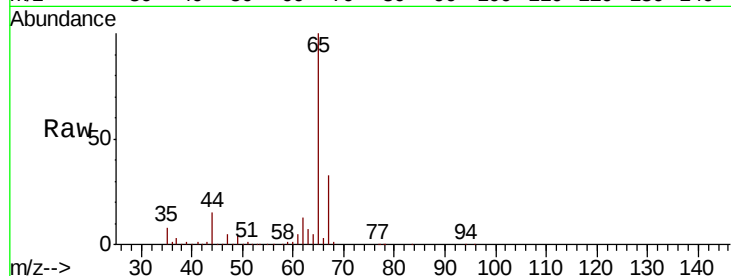
ClientSampleId :

Tot Ion: 62 Resp: 13547

Ion Ratio Lower Upper

62 100

64 39.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016450.D (-64) (-)

Ion 64.00 (63.70 to 64.70): VV016450.D (-64) (-)

1.32

15000

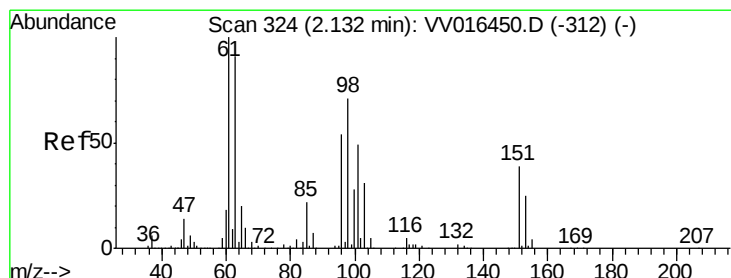
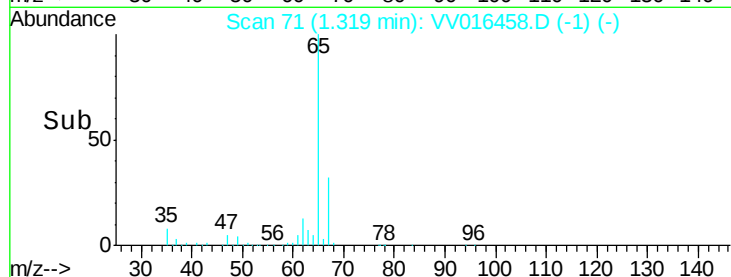
10000

5000

0

1.30 1.35

Time-->



#10

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

Concen: 0.844 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016458.D

Acq: 03 Jun 2020 15:48

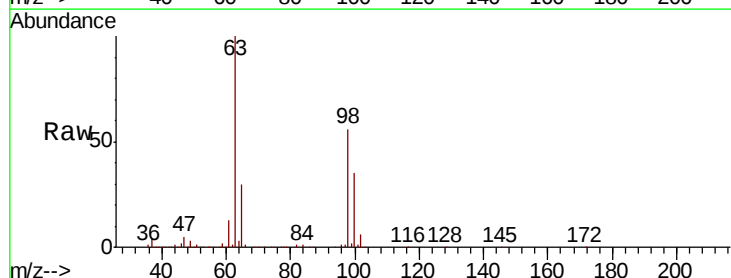
Tgt Ion: 101 Resp: 1811

Ion Ratio Lower Upper

101 100

85 3.9 35.6 53.4#

151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016450.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV016450.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV016450.D (-312) (-)

2.12

1500

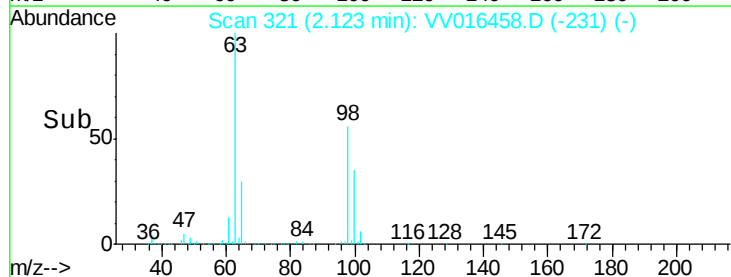
1000

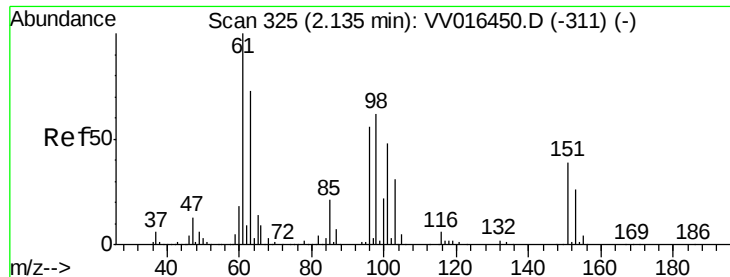
500

0

2.10 2.15

Time-->





#12

1,1-Dichloroethene

Concen: 0.884 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016458.D

Acq: 03 Jun 2020 15:48

Instrument :
MSVOA_V
ClientSampleId :

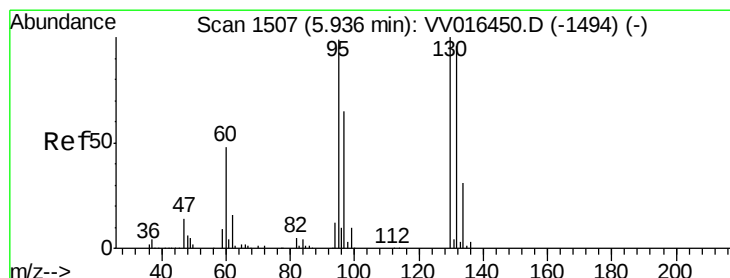
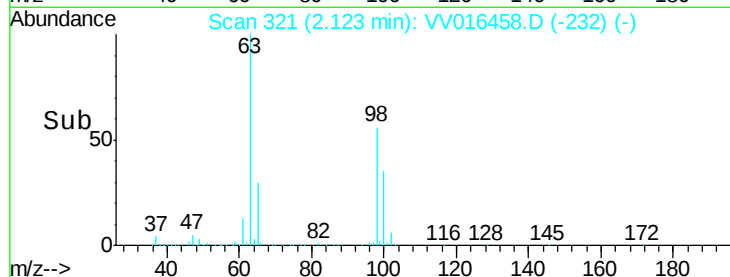
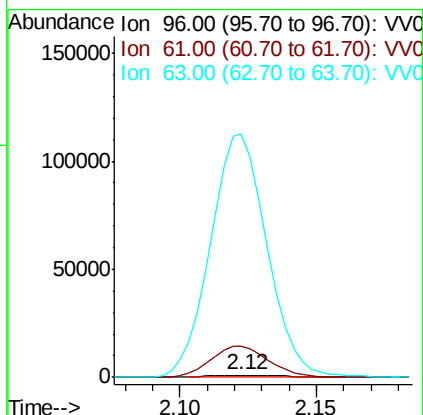
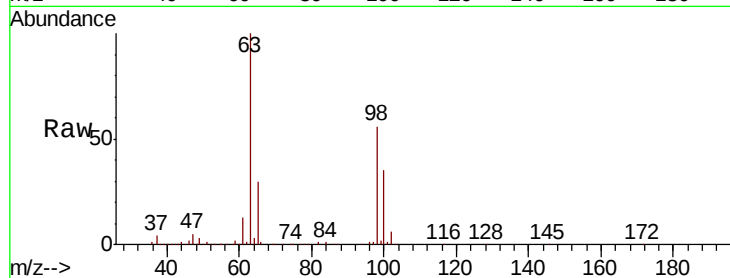
Tot Ion: 96 Resp: 1827

Ion Ratio Lower Upper

96 100

61 1458.6 125.5 233.1#

63 11340.8 104.0 193.1#



#34

Trichloroethene

Concen: 84.336 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016458.D

Acq: 03 Jun 2020 15:48

Tgt Ion: 95 Resp: 226446

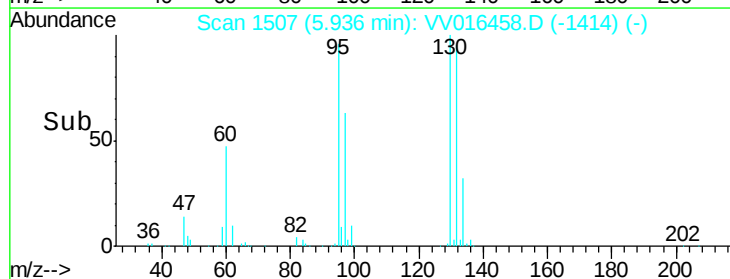
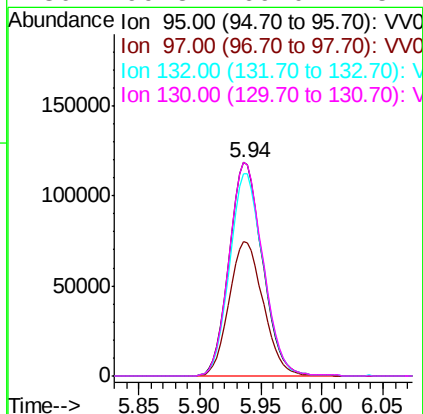
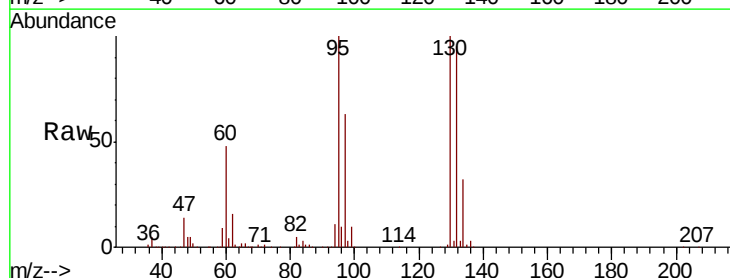
Ion Ratio Lower Upper

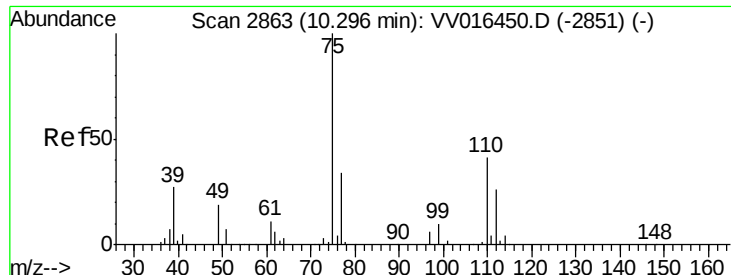
95 100

97 62.8 42.8 79.6

132 95.0 65.6 121.8

130 99.8 69.0 128.1





#59

1,2,3-Trichloropropane

Concen: 5.876 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016458.D

Acq: 03 Jun 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 19557

Ion Ratio Lower Upper

75 100

77 39.3 26.6 40.0

