

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016507.D
 Acq On : 04 Jun 2020 14:07
 Operator : SY/MD
 Sample : L2849-11DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:55:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	363229	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95118	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.94%
7) Chloroethane-d5	1.57	69	75394	40.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.18%
11) 1,1-Dichloroethene-d2	2.12	63	136222	29.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.74%#
21) 2-Butanone-d5	3.89	46	169036	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.38	84	214311	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
26) 1,2-Dichloroethane-d4	5.06	65	149555	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.07	84	428241	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.09	67	135650	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.36%
41) Toluene-d8	7.34	98	384545	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%
43) trans-1,3-Dichloropropene-	7.64	79	60872	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.11	63	133756	108.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182238	46.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	155871	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

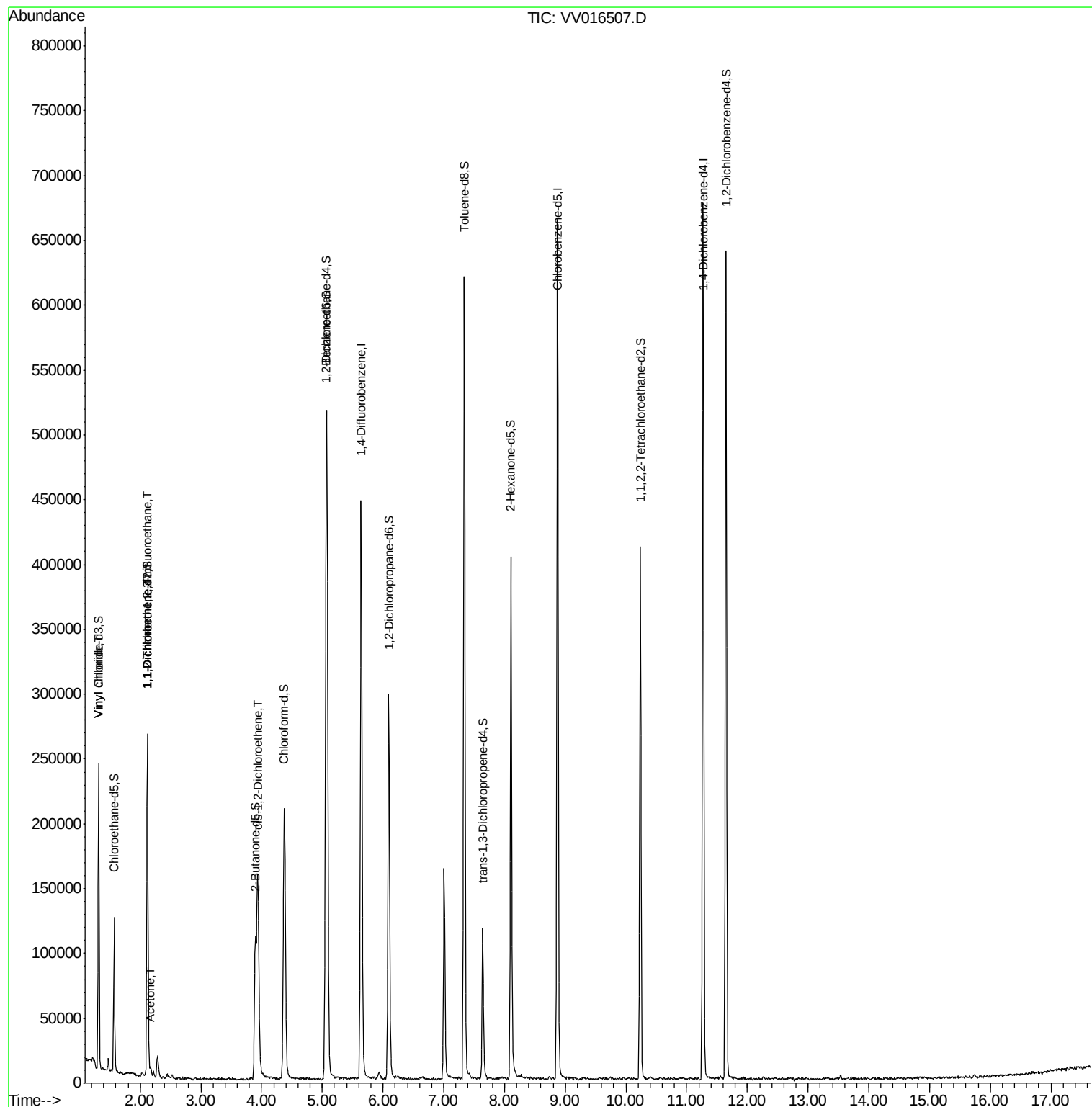
					Ovalue
5) Vinyl chloride	1.32	62	53698	19.247	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1352	0.645	ug/L # 20
12) 1,1-Dichloroethene	2.12	96	1549	0.768	ug/L # 1
13) Acetone	2.17	43	6317	4.109	ug/L 91
20) cis-1,2-Dichloroethene	3.94	96	80189	29.203	ug/L 98

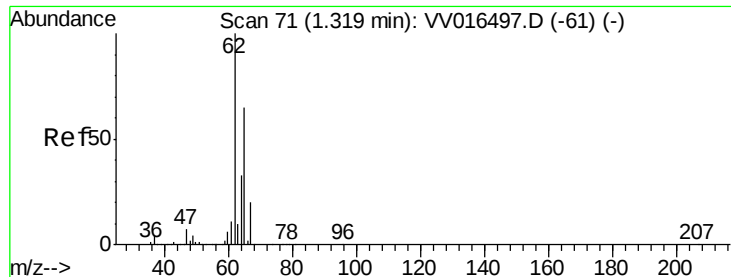
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.247 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016507.D

Acq: 04 Jun 2020 14:07

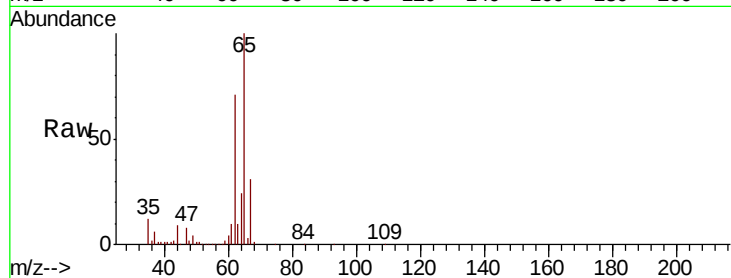
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 53698

Ion Ratio Lower Upper

62 100

64 34.3 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016507.D (-61) (-)

Ion 64.00 (63.70 to 64.70): VV016507.D (-61) (-)

1.32

60000

50000

40000

30000

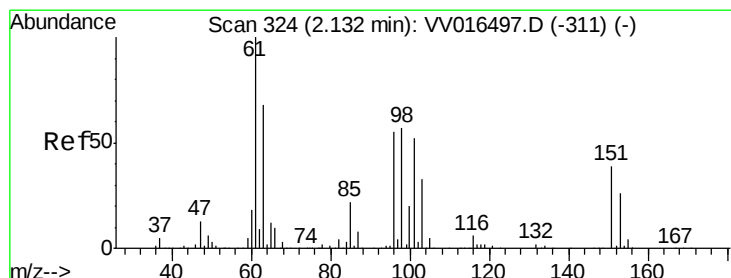
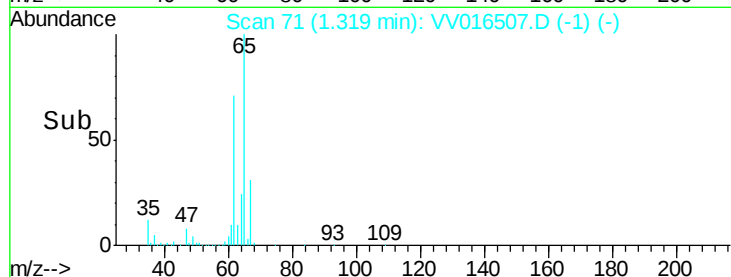
20000

10000

0

1.30 1.35 1.40

Time-->



#10

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

Concen: 0.645 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016507.D

Acq: 04 Jun 2020 14:07

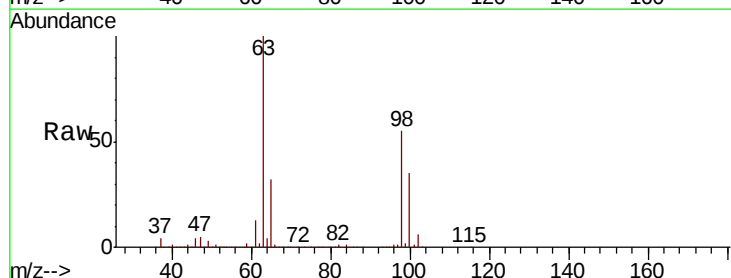
Tgt Ion: 101 Resp: 1352

Ion Ratio Lower Upper

101 100

85 3.1 35.6 53.4#

151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016507.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV016507.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV016507.D (-311) (-)

1000

800

600

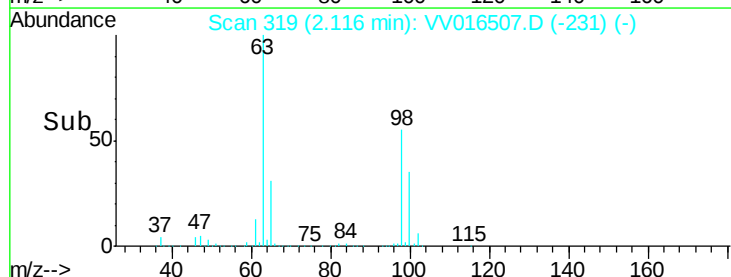
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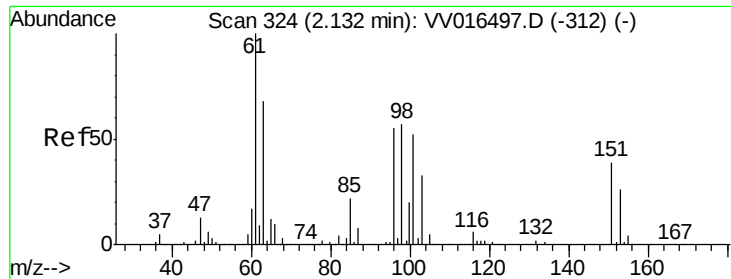
200

0

2.10 2.15

Time-->

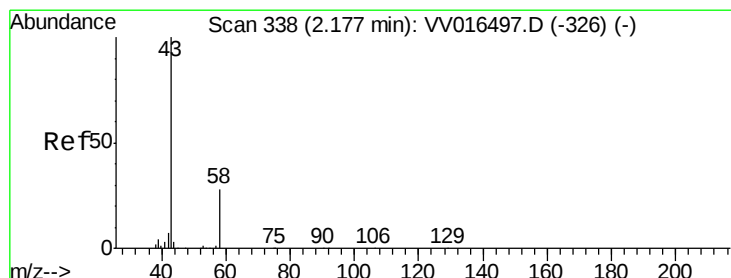
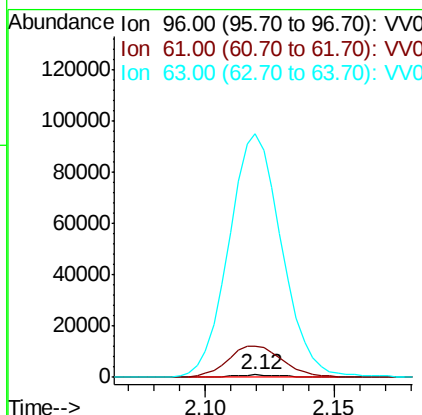
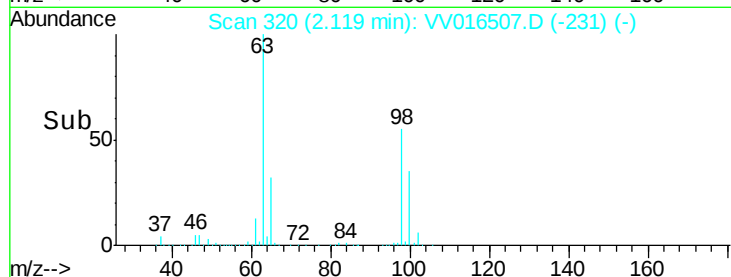
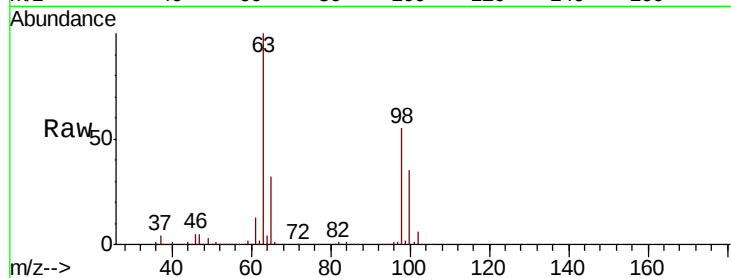




#12
 1,1-Dichloroethene
 Concen: 0.768 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV016507.D
 Acq: 04 Jun 2020 14:07

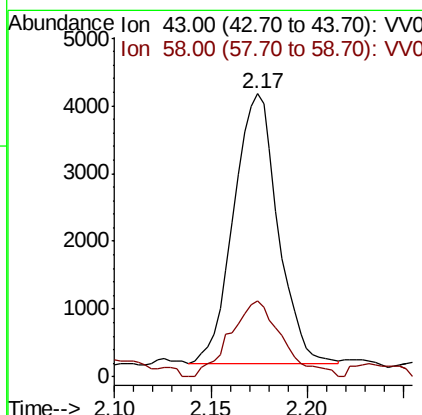
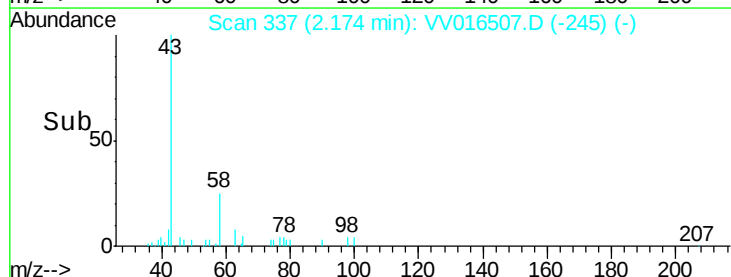
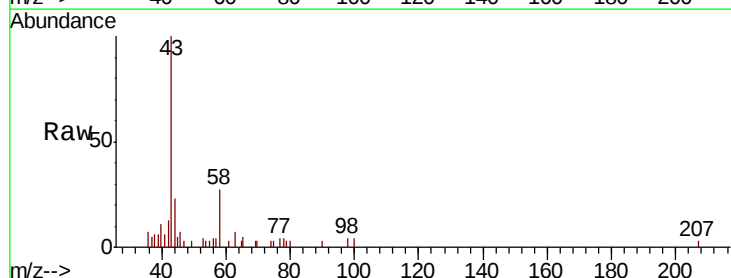
Instrument :
 MSVOA_V
 ClientSampled :

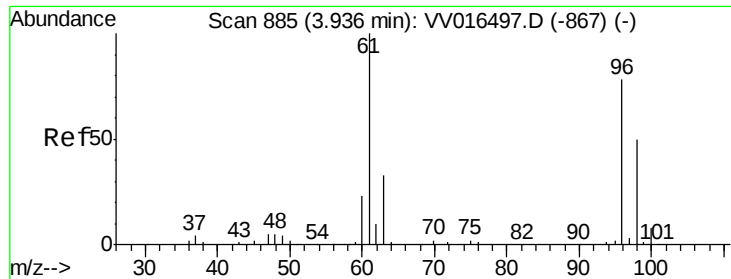
Tot Ion: 96 Resp: 1549
 Ion Ratio Lower Upper
 96 100
 61 1320.6 125.5 233.1#
 63 10195.9 104.0 193.1#



#13
 Acetone
 Concen: 4.109 ug/L
 RT: 2.17 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VV016507.D
 Acq: 04 Jun 2020 14:07

Tgt Ion: 43 Resp: 6317
 Ion Ratio Lower Upper
 43 100
 58 33.3 0.0 57.2





#20
 cis-1,2-Dichloroethene
 Concen: 29.203 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016507.D
 Acq: 04 Jun 2020 14:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 80189
 Ion Ratio Lower Upper
 96 100
 61 130.7 93.4 173.4
 68 0.0 0.0 0.0

