

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015298.D
 Acq On : 31 Mar 2020 02:36
 Operator : SY/MD
 Sample : L1975-08 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 06:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 06:20:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	572145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	548056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	232713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204600	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.10%
7) Chloroethane-d5	1.58	69	195209	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.56%
11) 1,1-Dichloroethene-d2	2.12	63	319310	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.14	46	984	0.36	ug/L	0.21
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.36%#
24) Chloroform-d	4.38	84	369732	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	259396	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.84%
32) Benzene-d6	5.08	84	745552	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
36) 1,2-Dichloropropane-d6	6.09	67	235281	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.18%
41) Toluene-d8	7.34	98	711339	51.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.78%
43) trans-1,3-Dichloropropene-	7.64	79	119814	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.36%
47) 2-Hexanone-d5	8.12	63	236434	112.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	336363	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	239523	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%

Target Compounds

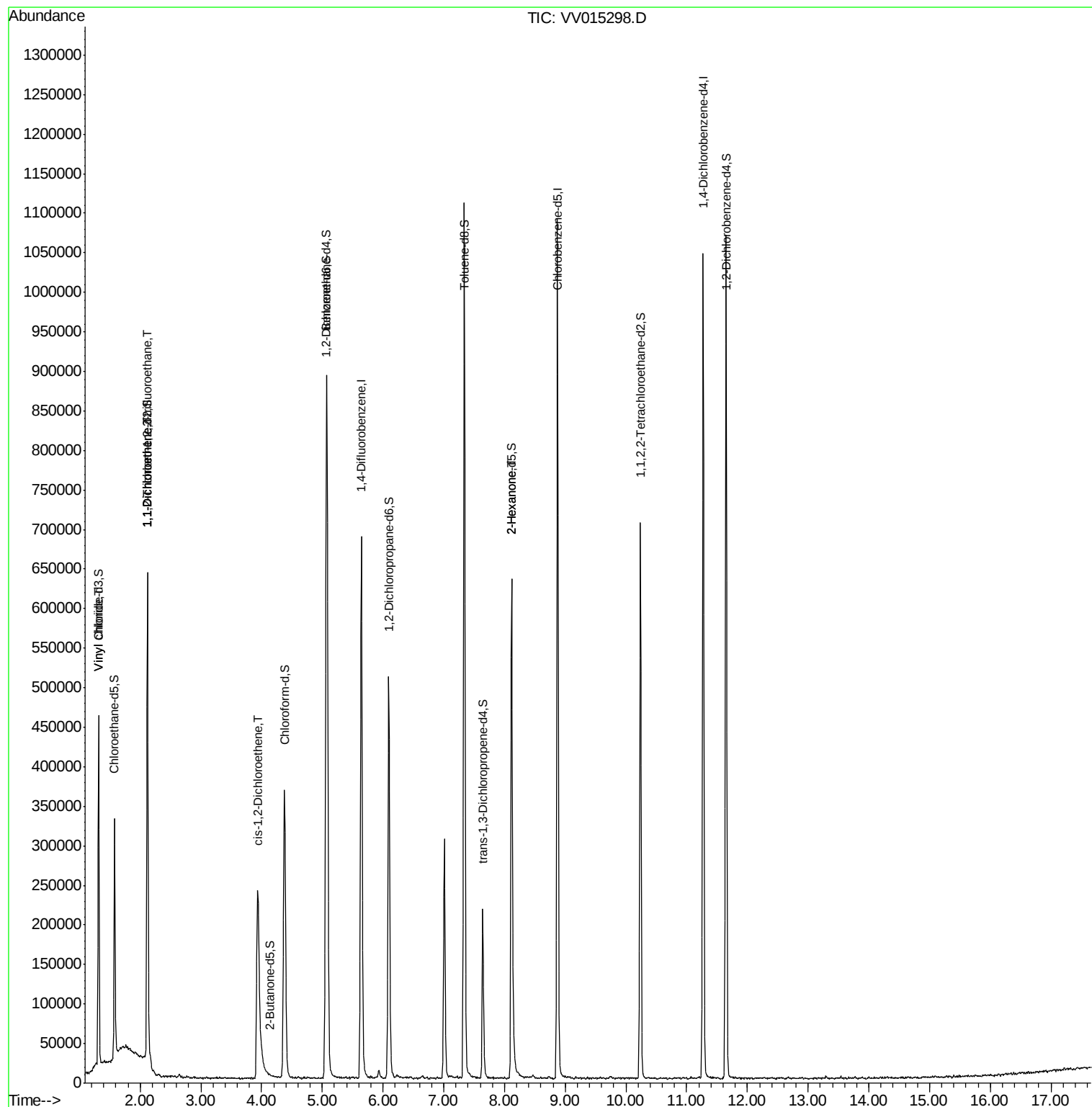
					Ovalue
5) Vinyl chloride	1.32	62	79160	16.415	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2982	0.682	ug/L # 32
12) 1,1-Dichloroethene	2.12	96	2993	0.707	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	64092	16.079	ug/L # 99
48) 2-Hexanone	8.12	43	27668	6.573	ug/L # 75

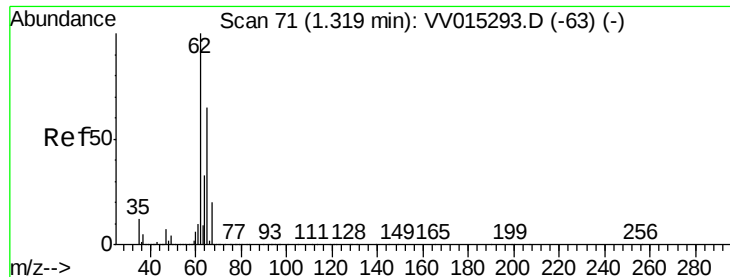
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 31 06:20:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 16.415 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015298.D

Acq: 31 Mar 2020 02:36

Instrument :

MSVOA_V

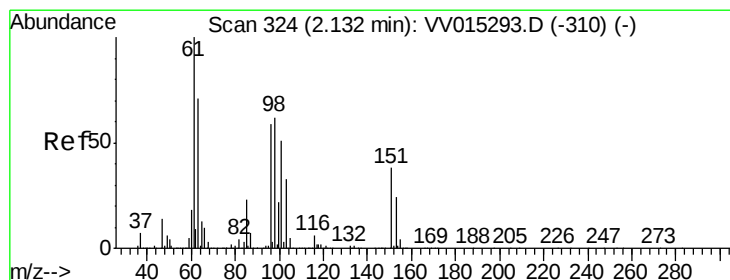
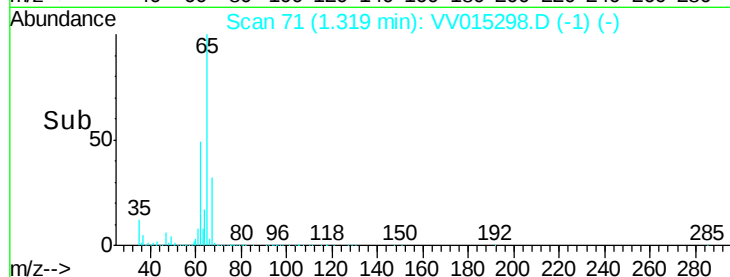
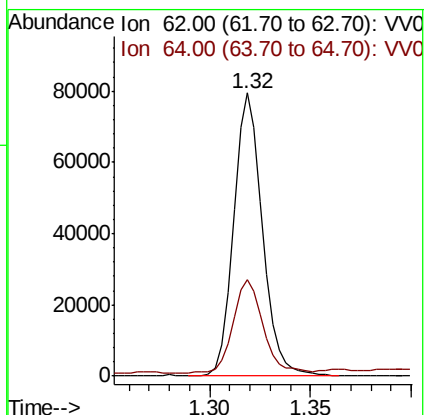
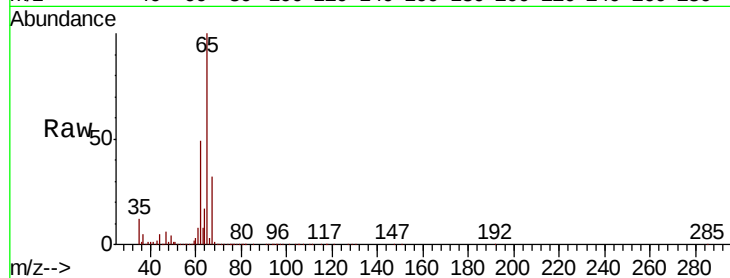
ClientSampleId :

Tot Ion: 62 Resp: 79160

Ion Ratio Lower Upper

62 100

64 34.2 23.9 44.3



#10

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

Concen: 0.682 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015298.D

Acq: 31 Mar 2020 02:36

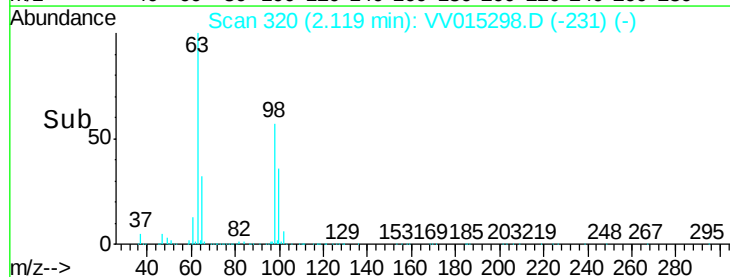
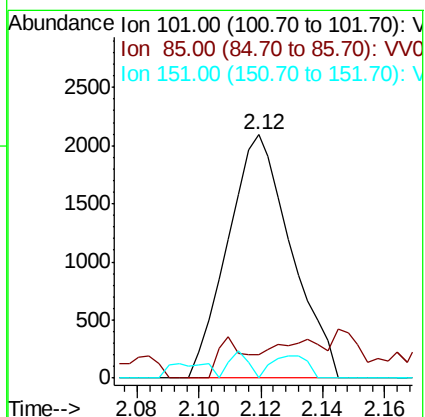
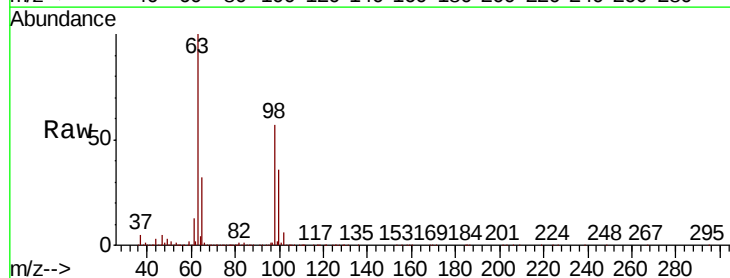
Tgt Ion: 101 Resp: 2982

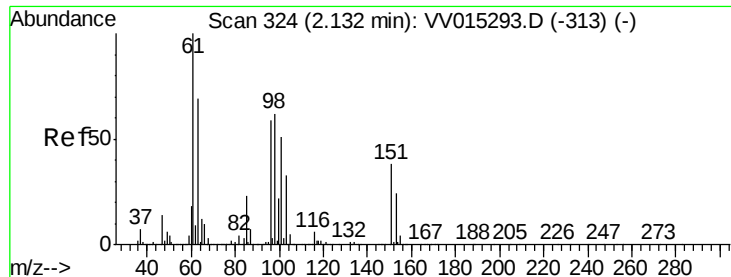
Ion Ratio Lower Upper

101 100

85 12.8 35.0 52.6#

151 5.2 58.2 87.4#





#12

1,1-Dichloroethene

Concen: 0.707 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015298.D

Acq: 31 Mar 2020 02:36

Instrument :
MSVOA_V
ClientSampleId :

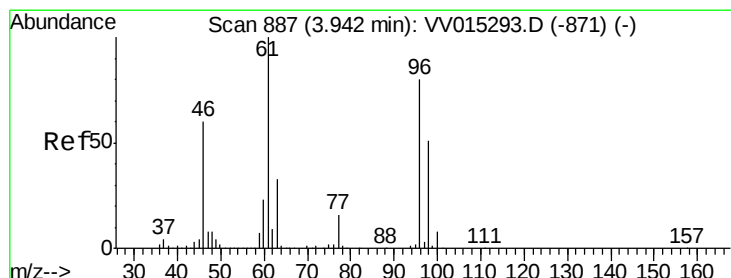
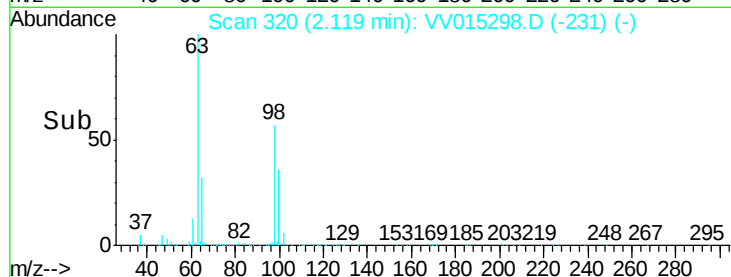
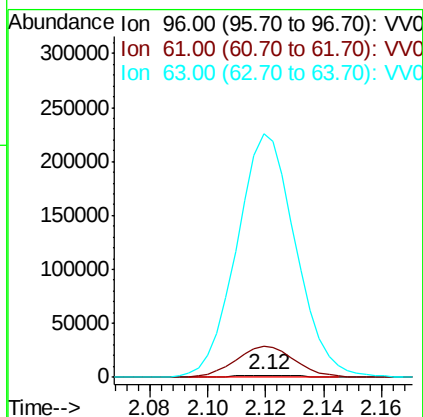
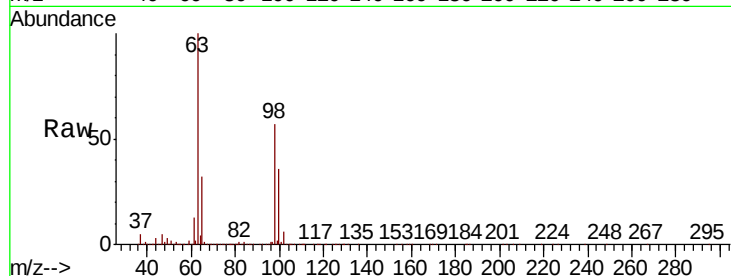
Tot Ion: 96 Resp: 2993

Ion Ratio Lower Upper

96 100

61 1481.5 120.9 224.5#

63 11765.6 81.2 150.8#



#20

cis-1,2-Dichloroethene

Concen: 16.079 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV015298.D

Acq: 31 Mar 2020 02:36

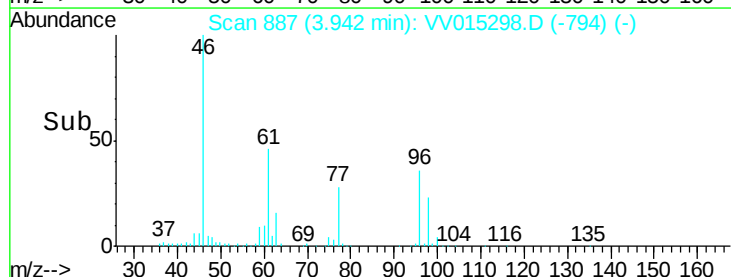
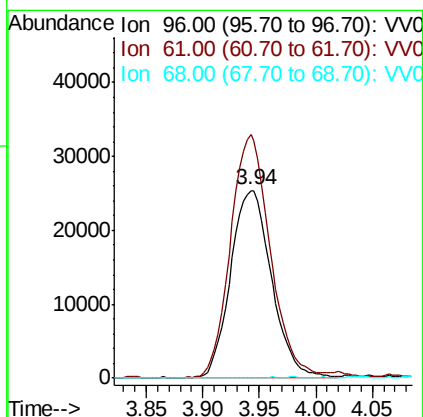
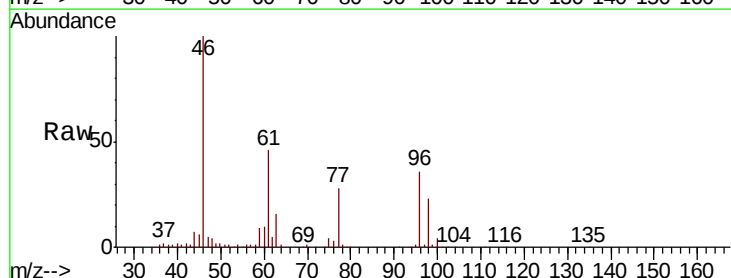
Tgt Ion: 96 Resp: 64092

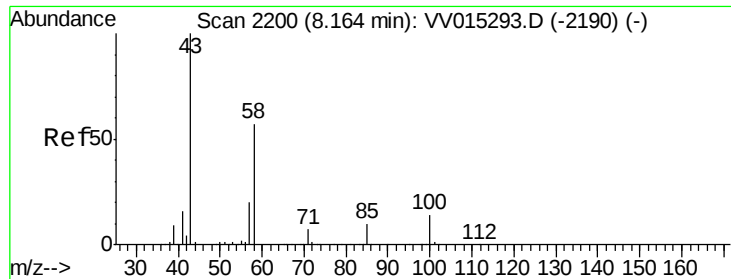
Ion Ratio Lower Upper

96 100

61 129.6 90.2 167.6

68 0.0 0.1 0.1#





#48
 2-Hexanone
 Concen: 6.573 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015298.D
 Acq: 31 Mar 2020 02:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 27668
 Ion Ratio Lower Upper
 43 100
 58 36.7 47.0 70.6#
 57 23.0 16.2 24.2
 100 0.3 11.0 16.6#

