

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015290.D
 Acq On : 30 Mar 2020 22:32
 Operator : SY/MD
 Sample : L1976-21DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:22:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	589778	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	578490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	247109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211180	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.22%
7) Chloroethane-d5	1.58	69	203798	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
11) 1,1-Dichloroethene-d2	2.12	63	327499	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	3.93	46	287021	102.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.06%
24) Chloroform-d	4.38	84	386528	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	266827	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
32) Benzene-d6	5.08	84	773203	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.10	67	240705	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	7.34	98	736012	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.64	79	125312	48.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.46%
47) 2-Hexanone-d5	8.11	63	244337	110.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	338511	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	250123	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

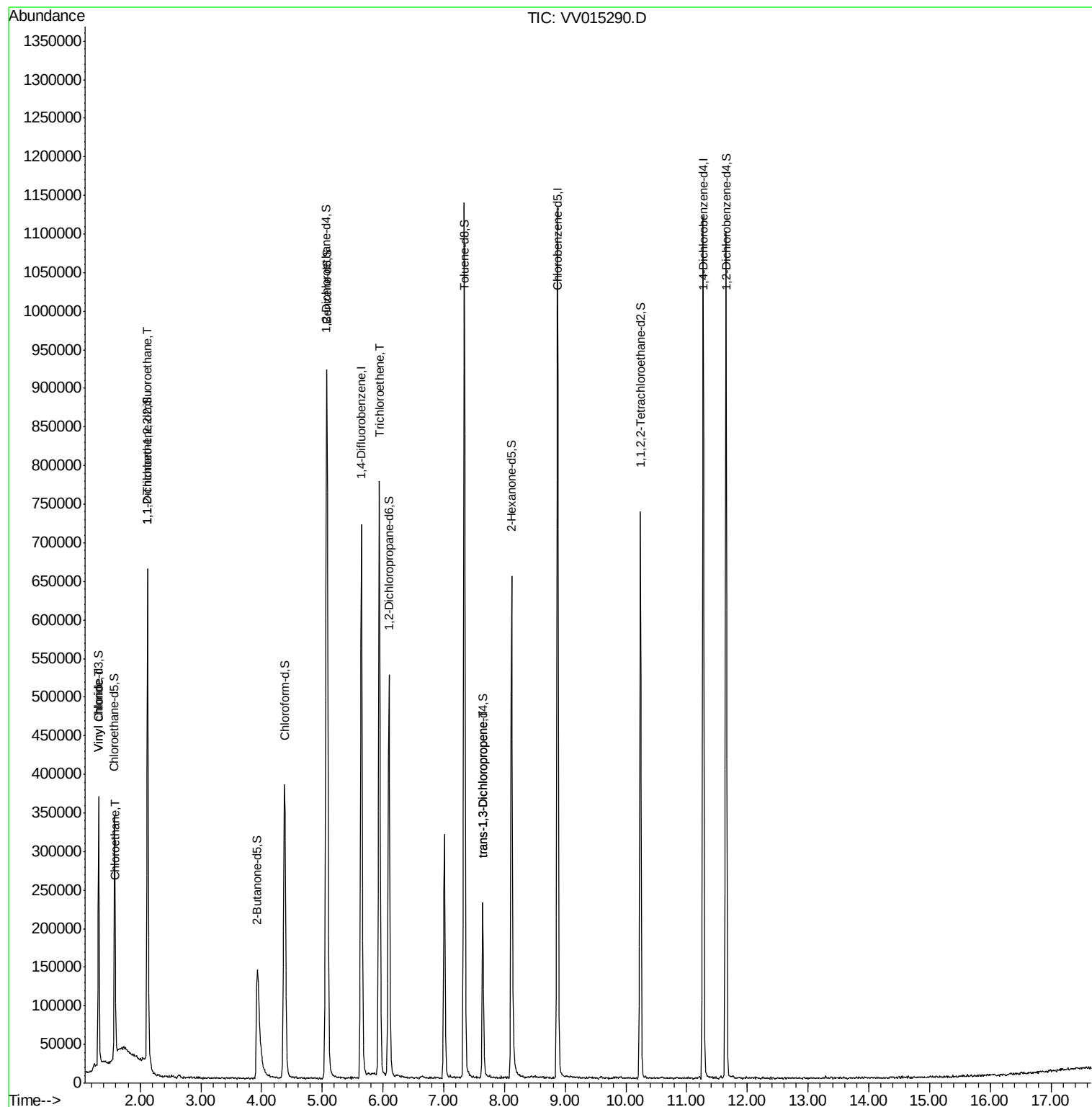
					Ovalue
5) Vinyl chloride	1.32	62	4223	0.850 ug/L #	1
8) Chloroethane	1.60	64	25401	7.410 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3825	0.849 ug/L #	23
34) Trichloroethene	5.94	95	261848	63.736 ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	6096	0.943 ug/L	86

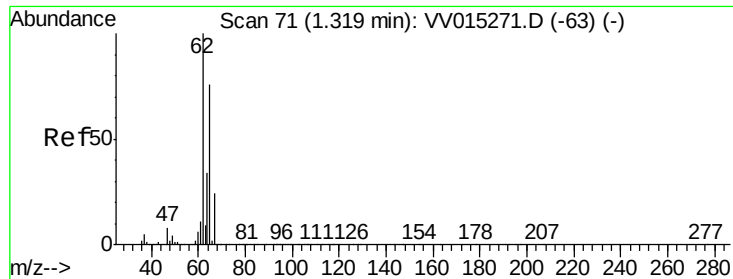
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.850 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015290.D

Acq: 30 Mar 2020 22:32

Instrument :

MSVOA_V

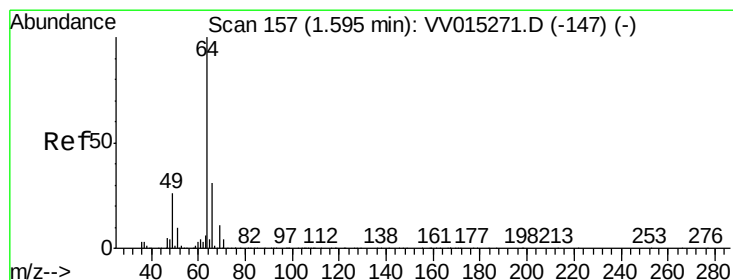
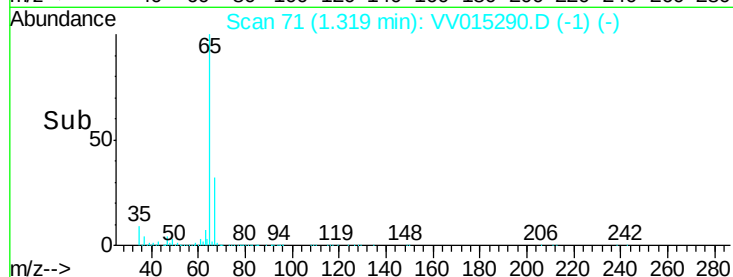
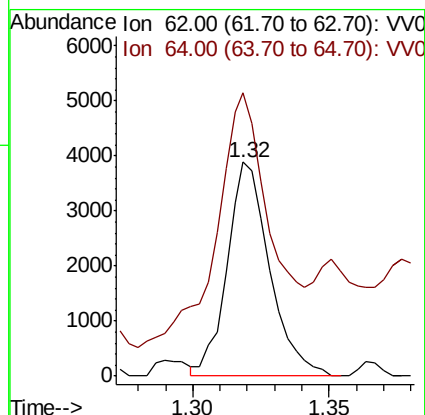
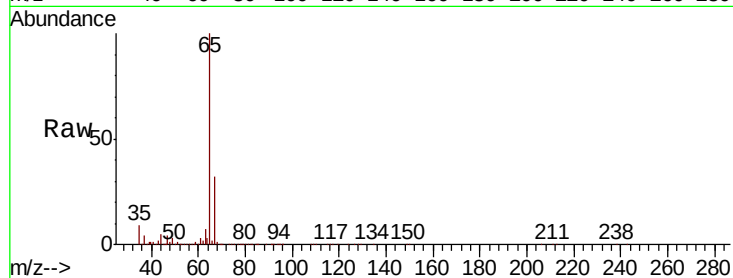
ClientSampled :

Tot Ion: 62 Resp: 4223

Ion Ratio Lower Upper

62 100

64 132.2 23.9 44.3#



#8

Chloroethane

Concen: 7.410 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV015290.D

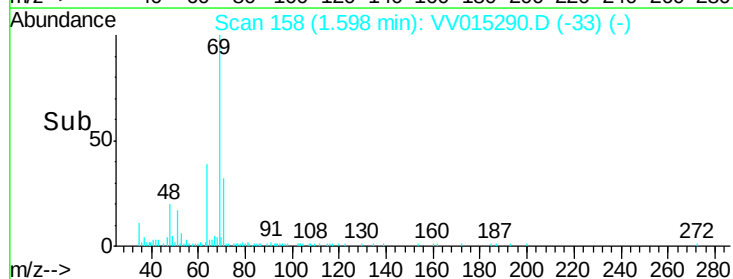
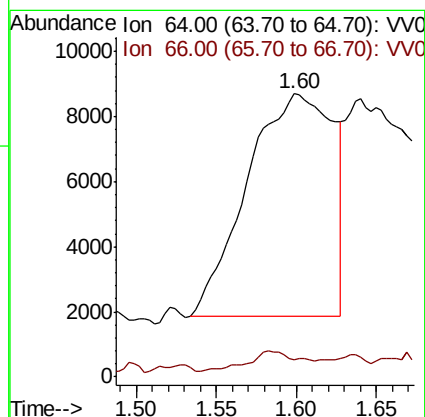
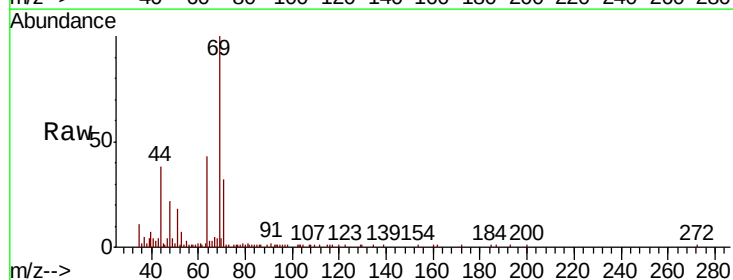
Acq: 30 Mar 2020 22:32

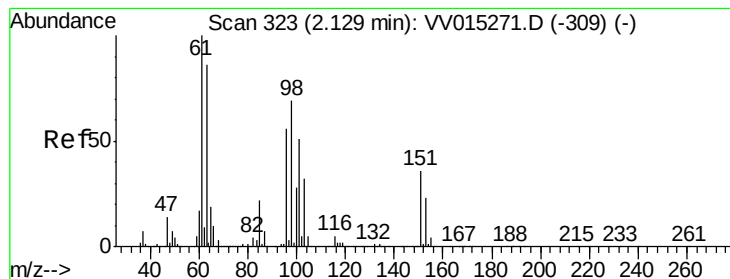
Tgt Ion: 64 Resp: 25401

Ion Ratio Lower Upper

64 100

66 6.1 21.5 39.9#





#10

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

Concen: 0.849 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015290.D

Acq: 30 Mar 2020 22:32

Instrument :

MSVOA_V

ClientSampleId :

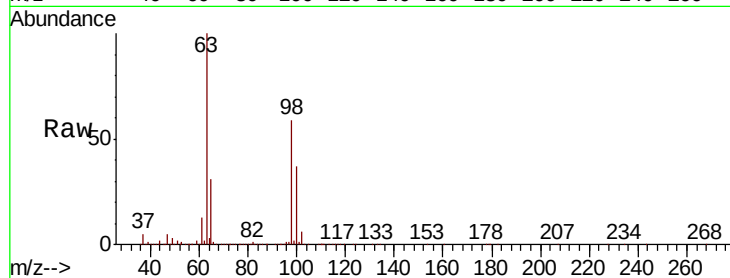
Tot Ion:101 Resp: 3825

Ion Ratio Lower Upper

101 100

85 4.9 35.0 52.6#

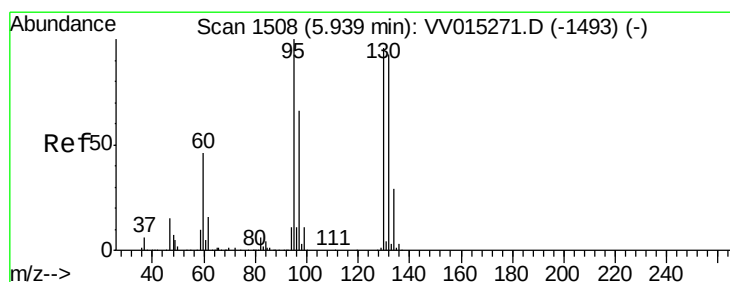
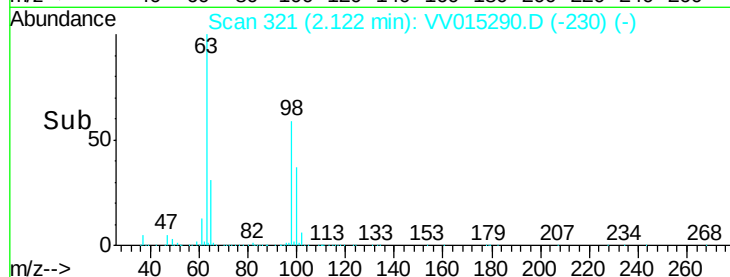
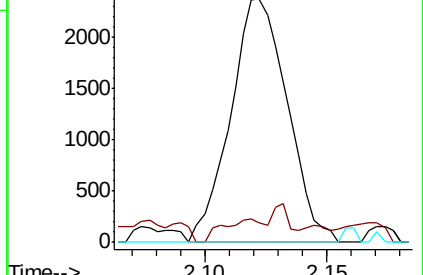
151 0.0 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 63.736 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015290.D

Acq: 30 Mar 2020 22:32

Tgt Ion: 95 Resp: 261848

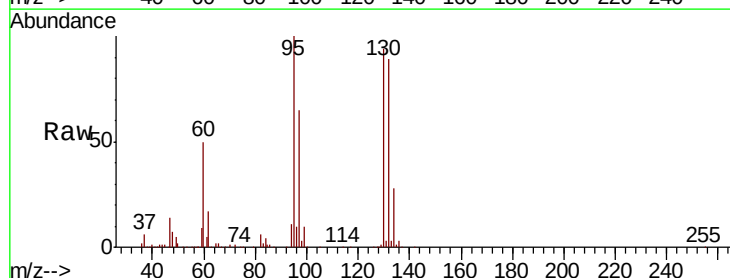
Ion Ratio Lower Upper

95 100

97 65.4 44.0 81.6

132 88.9 61.8 114.8

130 94.4 64.5 119.9

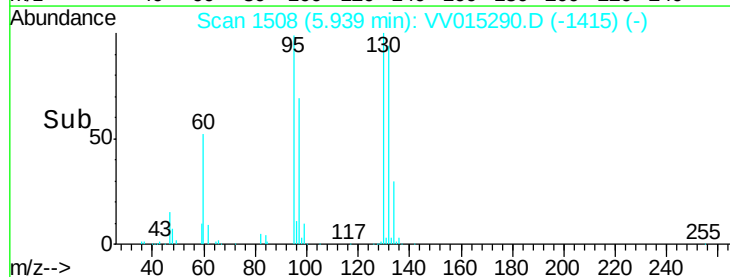
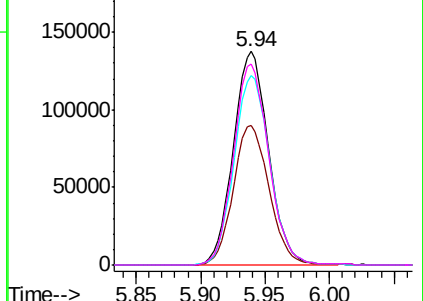


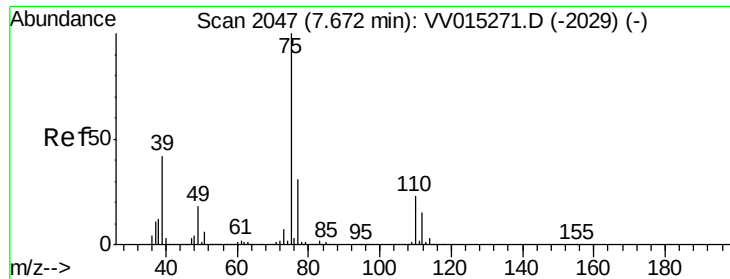
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#44

trans-1,3-Dichloropropene

Concen: 0.943 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015290.D

Acq: 30 Mar 2020 22:32

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 6096

Ion Ratio Lower Upper

75 100

77 38.9 21.8 40.4

