

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015321.D
 Acq On : 31 Mar 2020 18:13
 Operator : SY/MD
 Sample : L1975-08DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 01 01:26:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	586745	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	571542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	251876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191212	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	201142	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.04%
11) 1,1-Dichloroethene-d2	2.12	63	291806	31.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.26%
21) 2-Butanone-d5	3.92	46	310394	110.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.94%
24) Chloroform-d	4.59	84	215	0.03	ug/L	0.22
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.06	65	248594	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.08	84	704910	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.09	67	230248	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.70%
41) Toluene-d8	7.34	98	682158	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%
43) trans-1,3-Dichloropropene-	7.64	79	117304	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.34%
47) 2-Hexanone-d5	8.11	63	272179	124.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	341129	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	243591	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

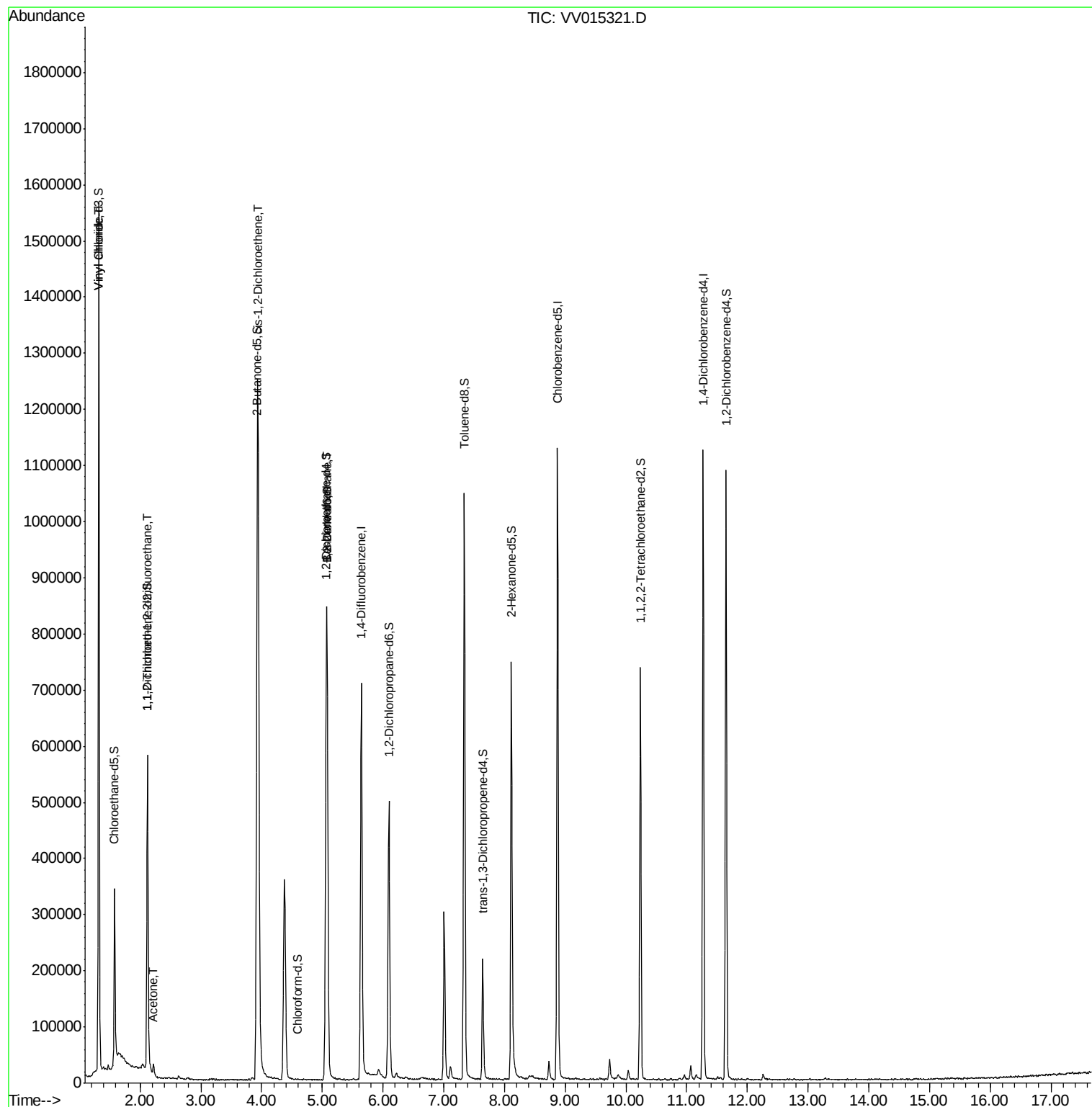
					Ovalue
5) Vinyl chloride	1.32	62	779799	157.680	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3291	0.734	ug/L # 26
13) Acetone	2.20	43	8698	4.556	ug/L 50
20) cis-1,2-Dichloroethene	3.94	96	620062	151.686	ug/L # 100
27) 1,2-Dichloroethane	5.07	62	4441	0.771	ug/L 96

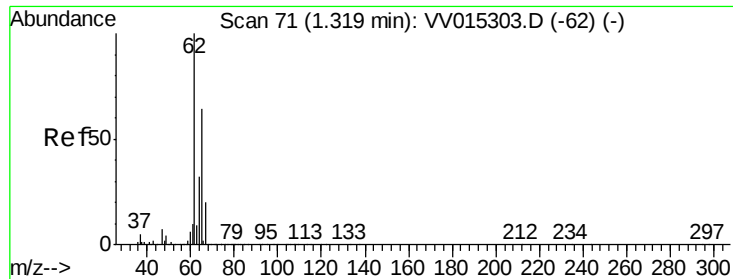
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 157.680 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015321.D

Acq: 31 Mar 2020 18:13

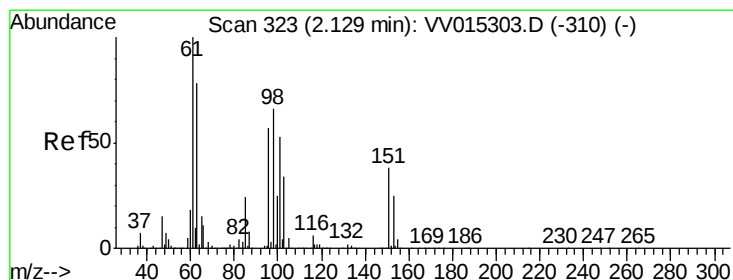
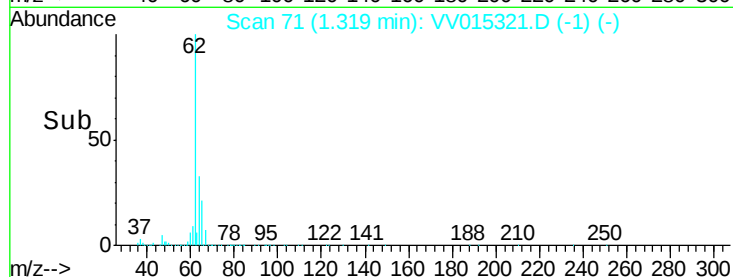
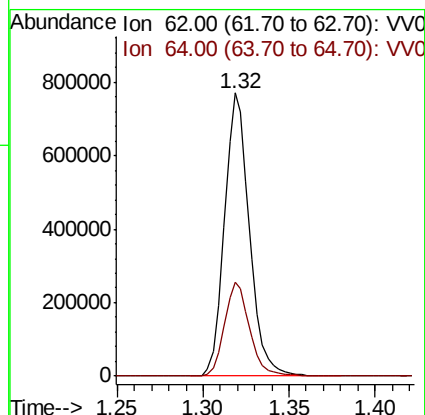
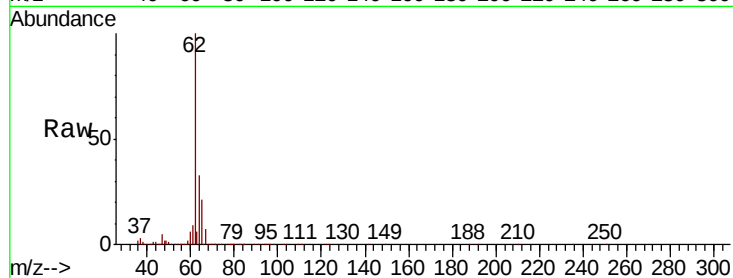
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 779799

Ion Ratio Lower Upper

62 100

64 33.4 23.9 44.3



#10

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

Concen: 0.734 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015321.D

Acq: 31 Mar 2020 18:13

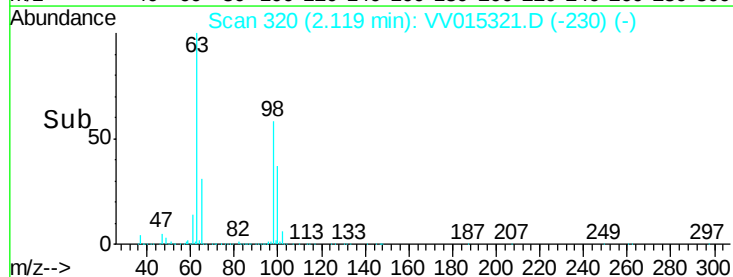
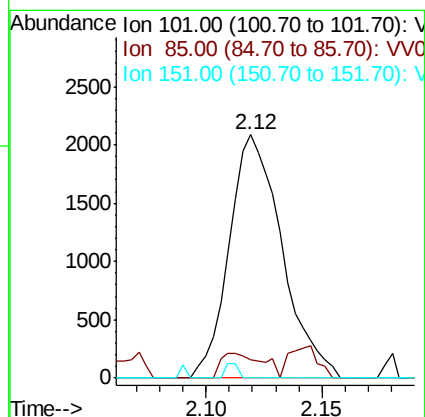
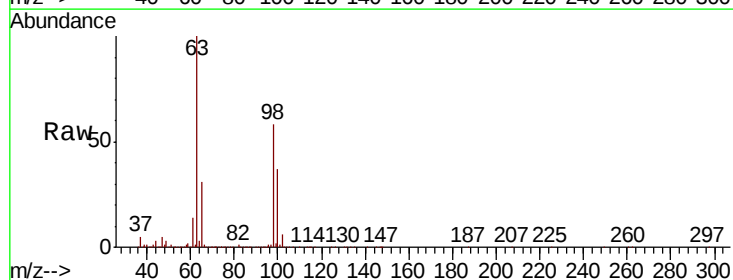
Tgt Ion: 101 Resp: 3291

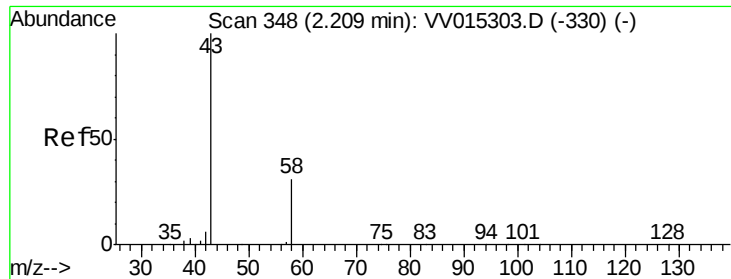
Ion Ratio Lower Upper

101 100

85 7.2 35.0 52.6#

151 1.5 58.2 87.4#





#13

Acetone

Concen: 4.556 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV015321.D

Acq: 31 Mar 2020 18:13

Instrument :

MSVOA_V

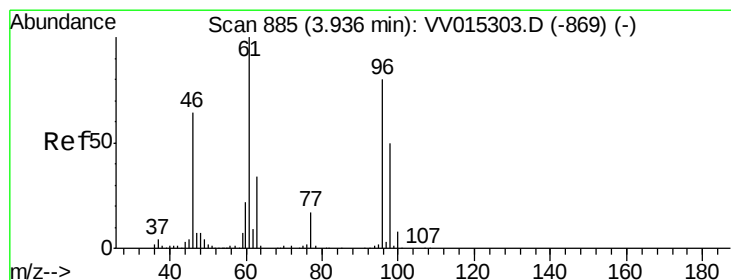
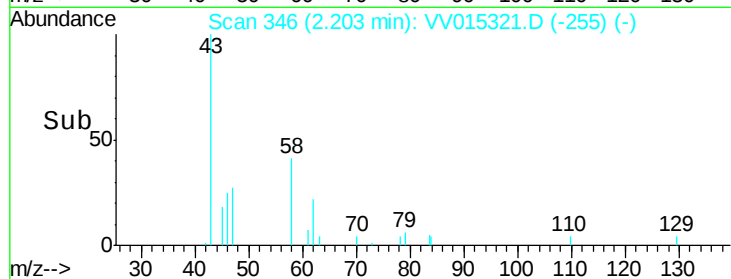
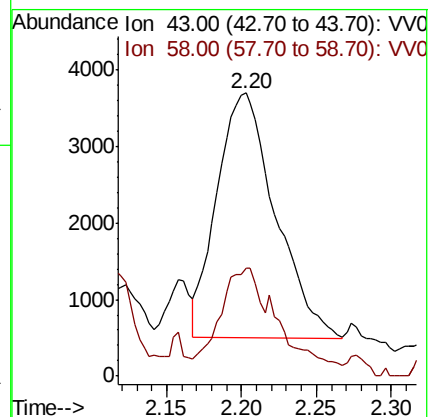
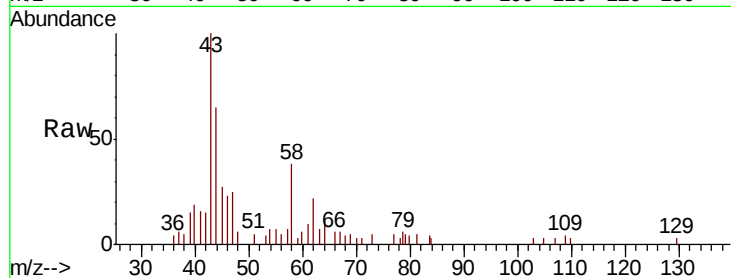
ClientSampleId :

Tot Ion: 43 Resp: 8698

Ion Ratio Lower Upper

43 100

58 4.1 0.0 63.6



#20

cis-1,2-Dichloroethene

Concen: 151.686 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015321.D

Acq: 31 Mar 2020 18:13

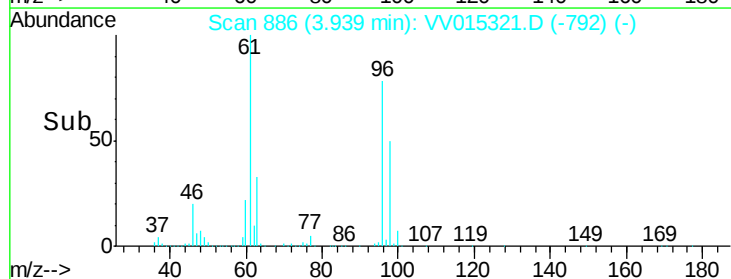
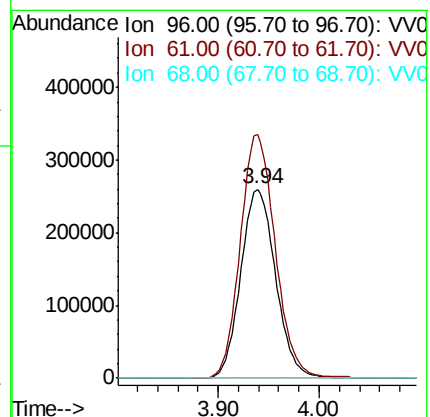
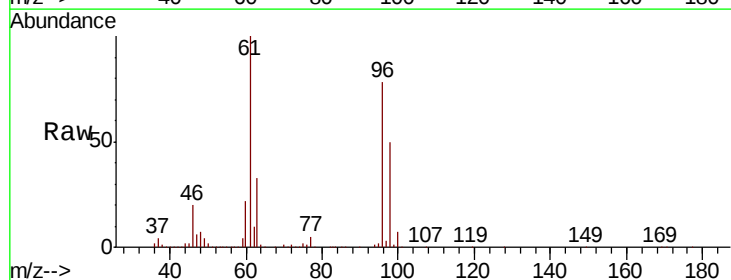
Tgt Ion: 96 Resp: 620062

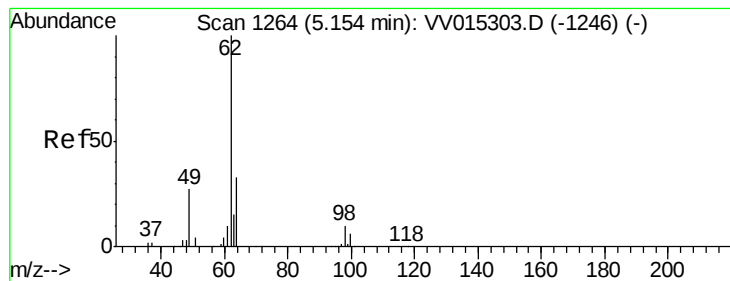
Ion Ratio Lower Upper

96 100

61 128.8 90.2 167.6

68 0.1 0.1 0.1#





#27

1,2-Dichloroethane

Concen: 0.771 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015321.D

Acq: 31 Mar 2020 18:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 4441

Ion Ratio Lower Upper

62 100

98 7.8 7.4 11.0

