

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016517.D
 Acq On : 04 Jun 2020 18:29
 Operator : SY/MD
 Sample : L2849-23
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:56:42 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	329189	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89137	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.56	69	77585	46.09	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.18%
11) 1,1-Dichloroethene-d2	2.11	63	128593	31.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.22%
21) 2-Butanone-d5	3.89	46	166870	111.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.93%
24) Chloroform-d	4.37	84	215744	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
26) 1,2-Dichloroethane-d4	5.05	65	151218	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
32) Benzene-d6	5.07	84	426059	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
36) 1,2-Dichloropropane-d6	6.09	67	134796	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.26%
41) Toluene-d8	7.34	98	383948	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%
43) trans-1,3-Dichloropropene-	7.64	79	59600	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.11	63	125969	113.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184025	52.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	154571	58.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.90%

Target Compounds

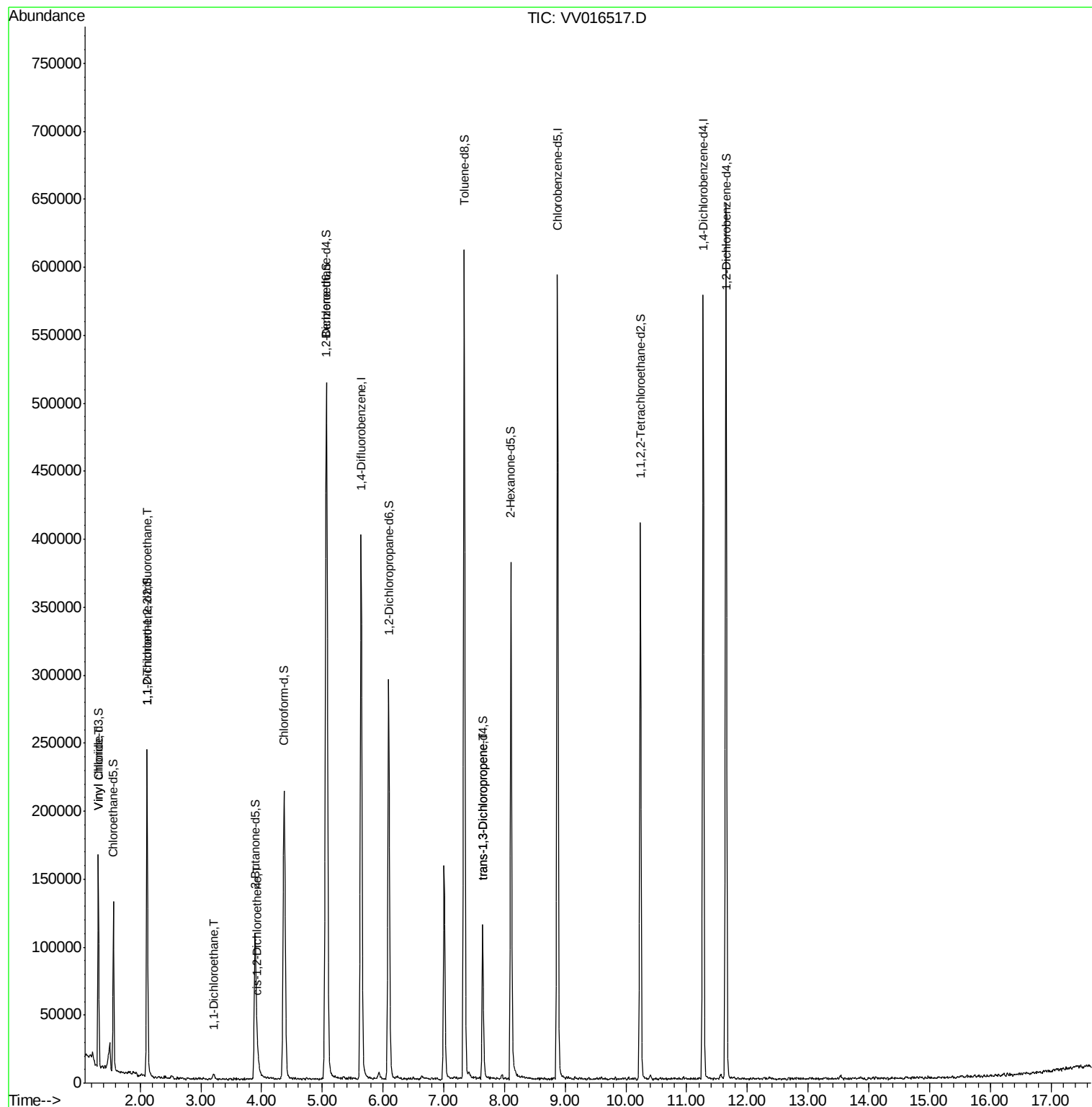
					Ovalue
5) Vinyl chloride	1.32	62	2946	1.165 ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1662	0.875 ug/L #	22
19) 1,1-Dichloroethane	3.21	63	3271	0.767 ug/L #	88
20) cis-1,2-Dichloroethene	3.94	96	3946	1.586 ug/L	78
44) trans-1,3-Dichloropropene	7.64	75	3141	0.925 ug/L	93

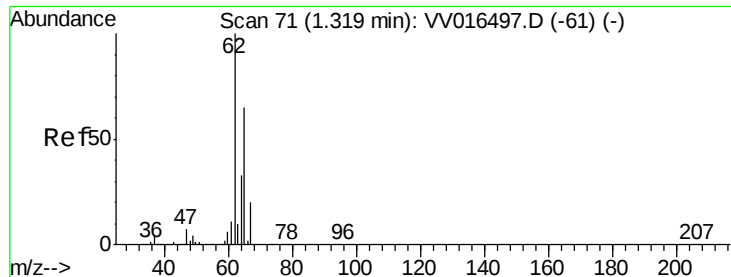
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.165 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016517.D

Acq: 04 Jun 2020 18:29

Instrument :

MSVOA_V

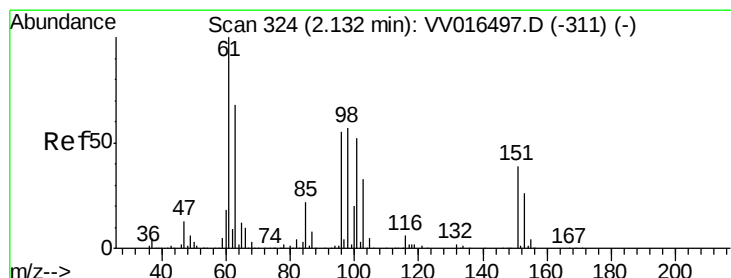
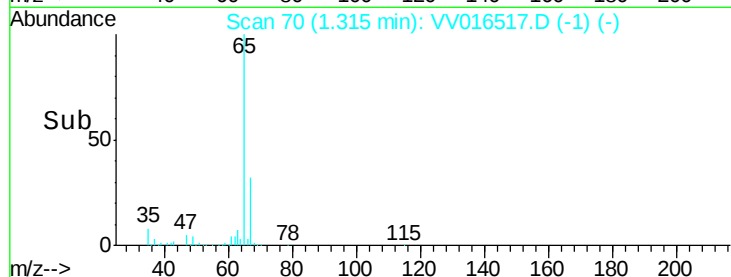
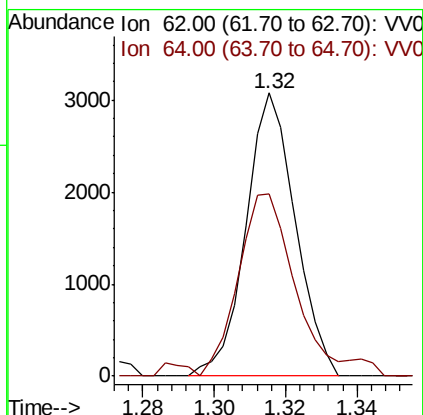
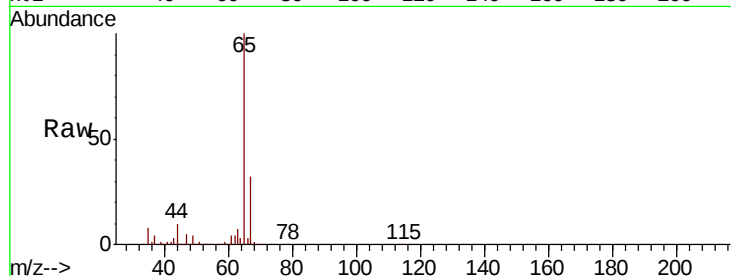
ClientSampleId :

Tot Ion: 62 Resp: 2946

Ion Ratio Lower Upper

62 100

64 64.5 22.7 42.1#



#10

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

Concen: 0.875 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016517.D

Acq: 04 Jun 2020 18:29

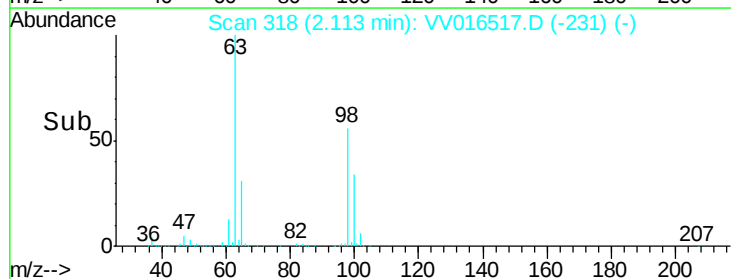
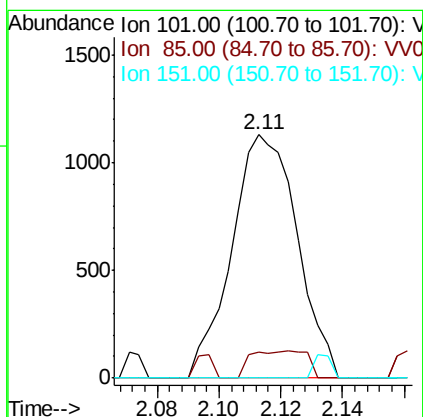
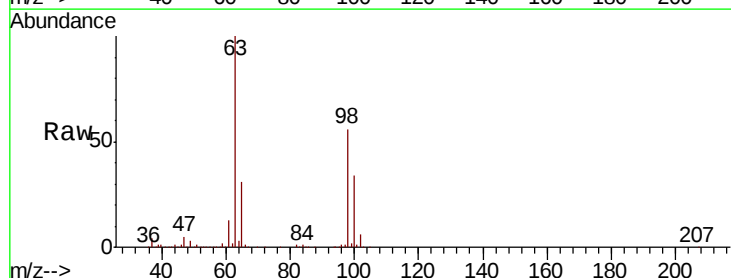
Tgt Ion: 101 Resp: 1662

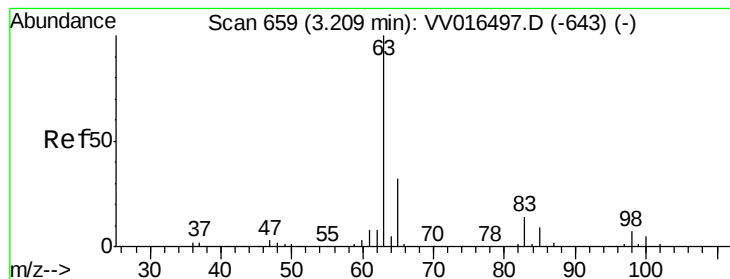
Ion Ratio Lower Upper

101 100

85 4.0 35.6 53.4#

151 2.5 61.8 92.8#





#19

1,1-Dichloroethane

Concen: 0.767 ug/L

RT: 3.21 min Scan# 659

Delta R.T. -0.00 min

Lab File: VV016517.D

Acq: 04 Jun 2020 18:29

Instrument :

MSVOA_V

ClientSampleId :

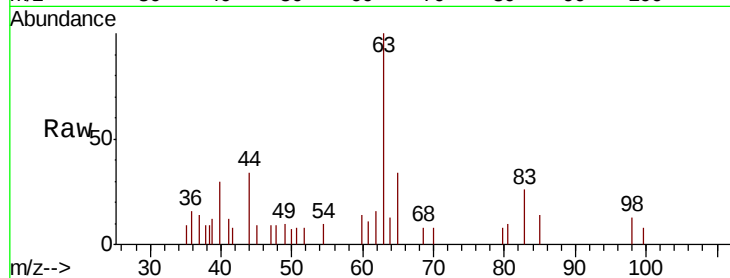
Tot Ion: 63 Resp: 3271

Ion Ratio Lower Upper

63 100

65 33.7 22.2 41.2

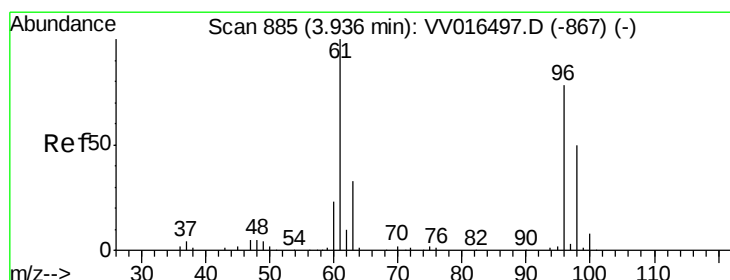
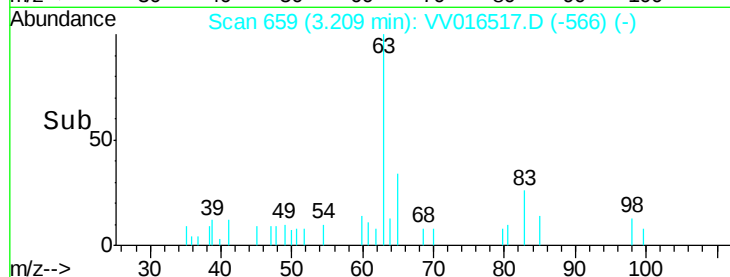
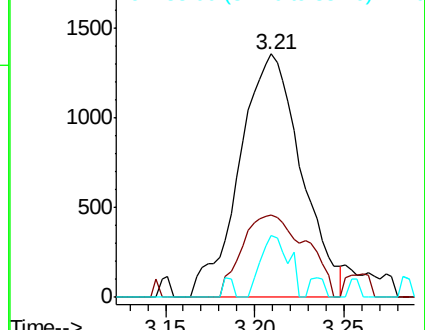
83 25.5 9.1 16.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1.586 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV016517.D

Acq: 04 Jun 2020 18:29

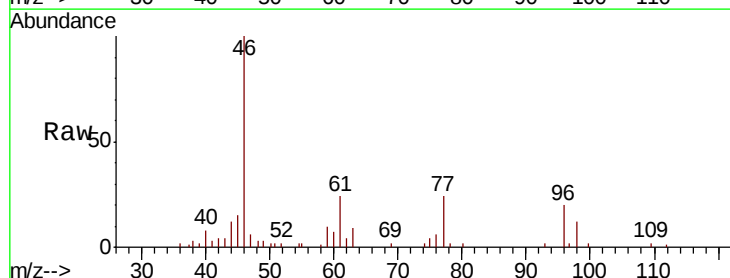
Tgt Ion: 96 Resp: 3946

Ion Ratio Lower Upper

96 100

61 107.8 93.4 173.4

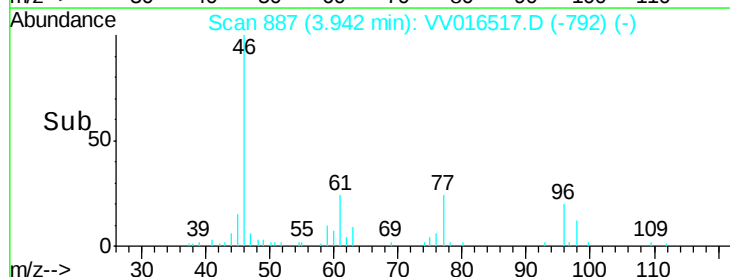
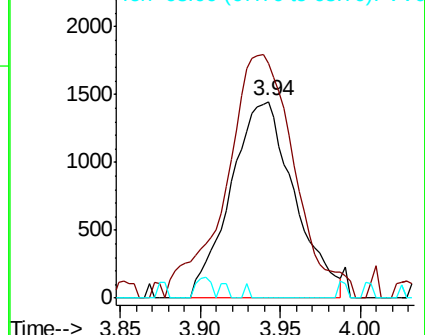
68 0.0 0.0 0.0

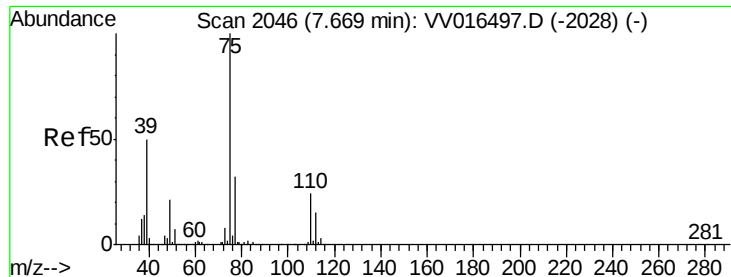


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016517.D

Acq: 04 Jun 2020 18:29

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 3141

Ion Ratio Lower Upper

75 100

77 35.3 22.2 41.2

