

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011397.D
 Acq On : 11 Jun 2019 17:02
 Operator : SY/MD
 Sample : K3226-17DL 40X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP1DL

Quant Time: Jun 12 04:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:48:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152540	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54638	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33802	2.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.40%
7) Chloroethane-d5	1.55	69	34835	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.11	63	59724	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	3.94	46	125901	48.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.39	84	82452	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.07	65	48130	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.09	84	157631	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.11	67	50810	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.35	98	133017	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	7.66	79	13555	2.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.80%#
46) 2-Hexanone-d5	8.13	63	94291	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37306	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	46127	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

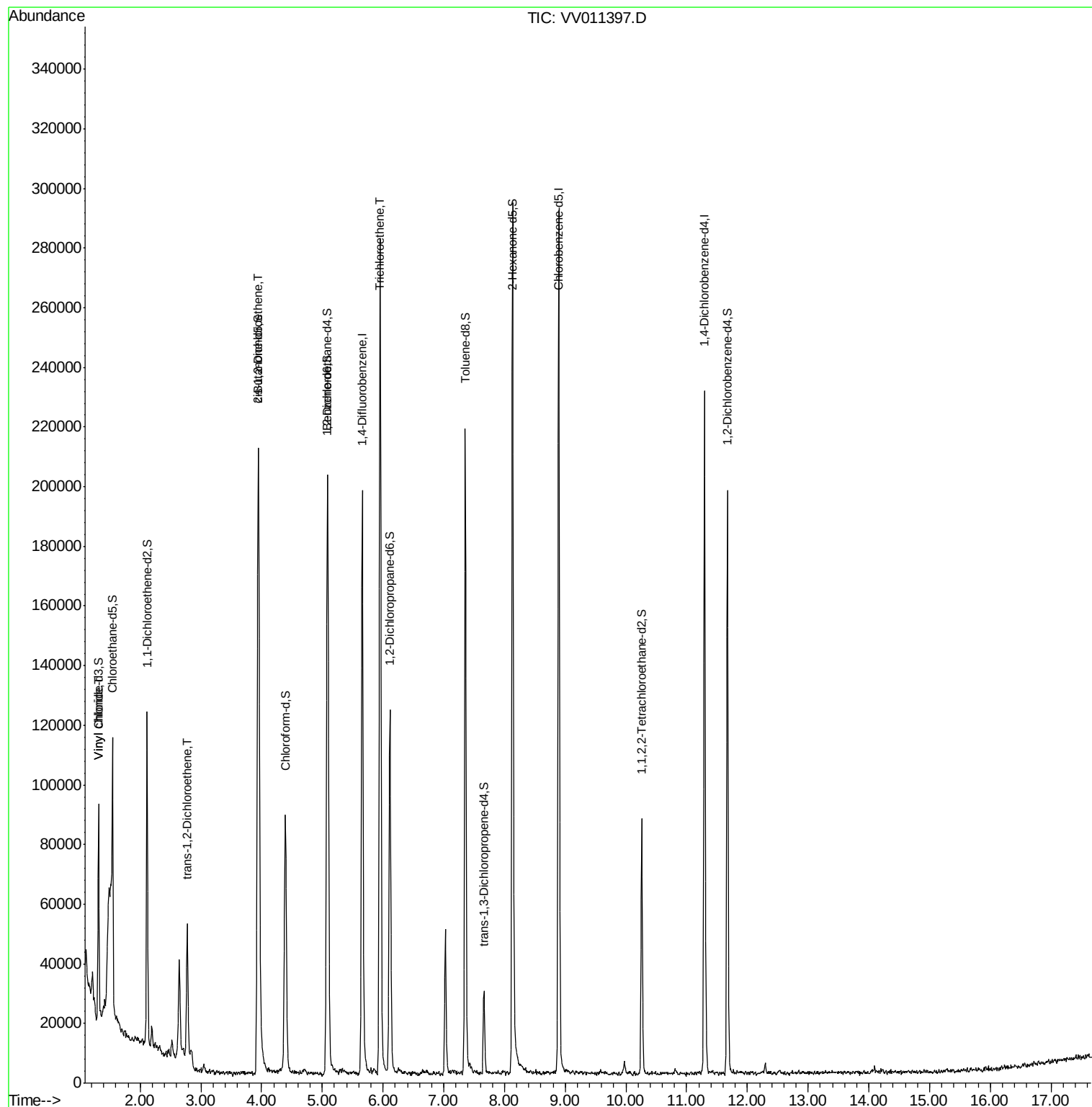
					Ovalue
5) Vinyl chloride	1.32	62	4212	0.300 ug/L	# 1
18) trans-1,2-Dichloroethene	2.78	96	14306	1.330 ug/L	93
22) cis-1,2-Dichloroethene	3.95	96	73161	6.139 ug/L	97
34) Trichloroethene	5.95	95	94444	8.003 ug/L	99

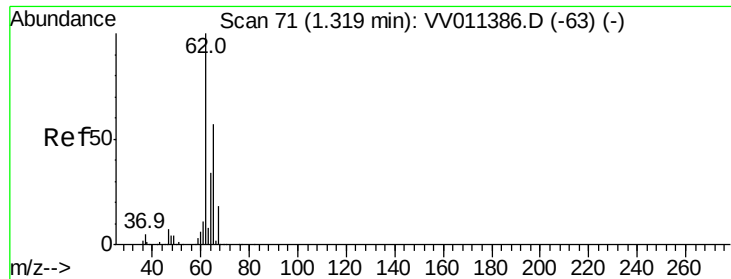
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.300 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

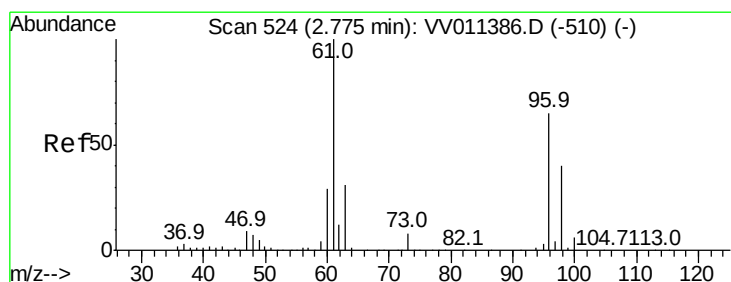
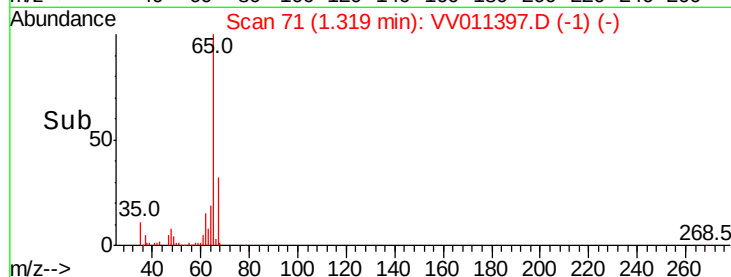
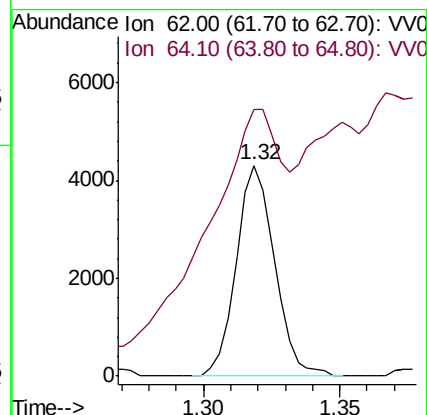
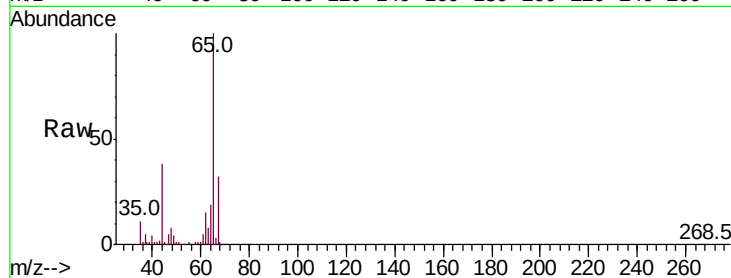
BFCP1DL

Tot Ion: 62 Resp: 4212

Ion Ratio Lower Upper

62 100

64 127.0 25.9 48.1#



#18

trans-1,2-Dichloroethene

Concen: 1.330 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

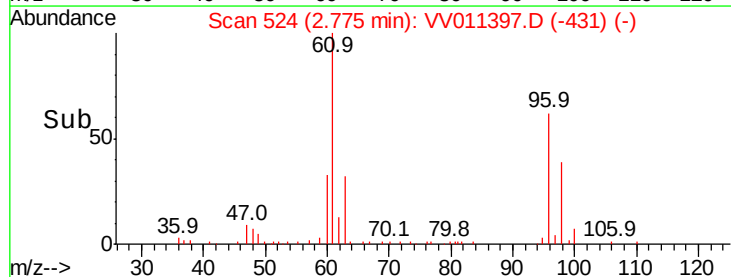
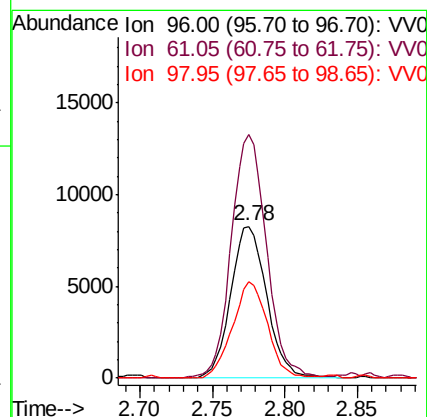
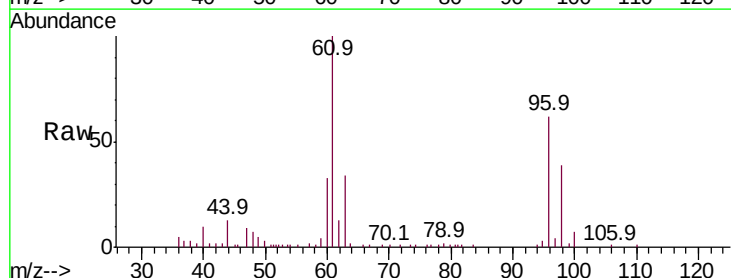
Tgt Ion: 96 Resp: 14306

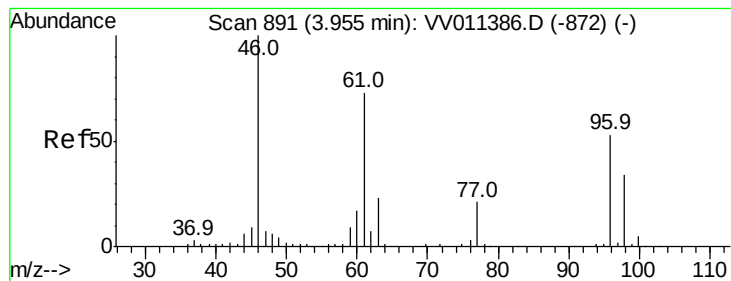
Ion Ratio Lower Upper

96 100

61 160.6 104.0 193.2

98 63.4 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 6.139 ug/L

RT: 3.95 min Scan# 889

Delta R.T. -0.01 min

Lab File: VV011397.D

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Instrument :

MSVOA_V

ClientSampleId :

BFCP1DL

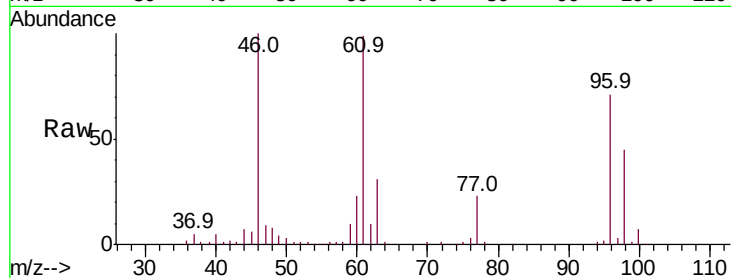
Tot Ion: 96 Resp: 73161

Ion Ratio Lower Upper

96 100

61 139.8 100.8 187.2

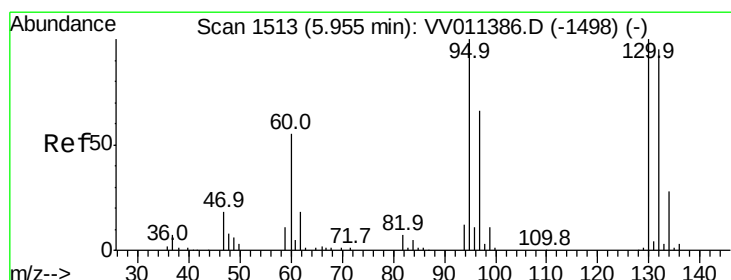
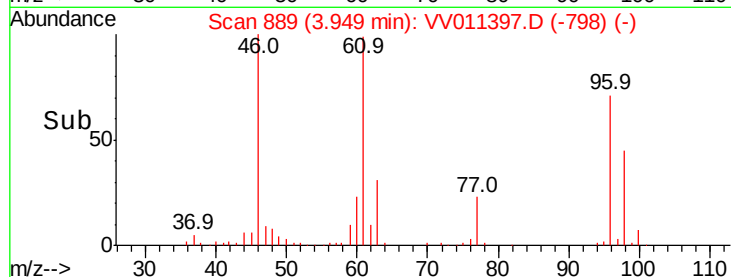
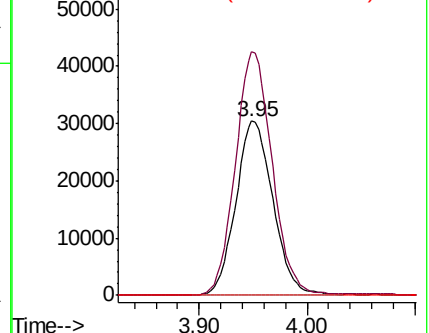
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011397.D (-1420) (-)

Ion 61.05 (60.75 to 61.75): VV011397.D (-1420) (-)

Ion 68.15 (67.85 to 68.85): VV011397.D (-1420) (-)



#34

Trichloroethene

Concen: 8.003 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV011397.D

Acq: 11 Jun 2019 17:02

Tgt Ion: 95 Resp: 94444

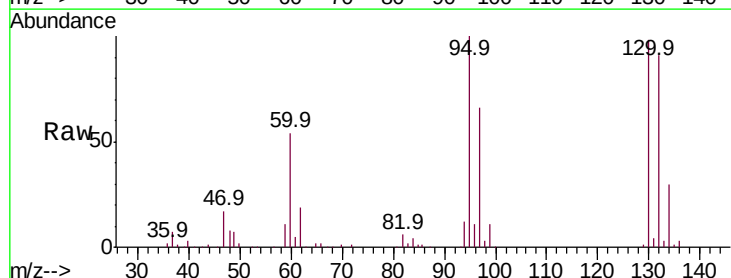
Ion Ratio Lower Upper

95 100

97 65.6 45.8 85.2

132 91.3 66.4 123.2

130 97.8 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV011397.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV011397.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV011397.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV011397.D (-1420) (-)

